



Petroleum Supply Annual, Volume 2 with data for 2023

August 2024

The U.S. Energy Information Administration (EIA), the statistical and analytical agency within the U.S. Department of Energy (DOE), prepared this report. By law, our data, analyses, and forecasts are independent of approval by any other officer or employee of the U.S. Government. The views in this report do not represent those of DOE or any other federal agencies.

Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January 2023
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	390,928	14,690	--	--	195,312	1,045	28,606	467,683	105,686	0	830,738
Hydrocarbon Gas Liquids	187,270	-12,436	-717	10,898	7,150	--	-23,253	23,038	79,204	113,176	187,896
Natural Gas Liquids	187,270	-12,436	-717	3,747	6,596	--	-23,240	23,038	79,204	105,458	186,036
Ethane	75,891	--	--	106	--	--	-1,048	--	15,075	61,970	52,498
Propane	59,304	-27	--	8,246	5,160	--	-8,098	--	45,239	35,542	68,544
Normal Butane	17,729	-515	--	-4,305	1,249	--	-11,616	10,362	13,704	1,708	30,149
Isobutane	13,312	-202	--	-300	183	--	-176	6,801	130	6,238	12,017
Natural Gasoline	21,034	-11,692	-717	--	4	--	-2,302	5,875	5,056	0	22,828
Refinery Olefins	--	--	--	7,151	554	--	-13	--	--	7,718	1,860
Ethylene	--	--	--	14	--	--	0	--	--	14	0
Propylene	--	--	--	7,229	462	--	-375	--	--	8,066	963
Normal Butylene	--	--	--	-116	92	--	365	--	--	-389	884
Isobutylene	--	--	--	24	--	--	-3	--	--	27	13
Other Liquids	--	-2,253	38,916	--	33,077	4,859	17,271	38,910	12,239	6,178	342,409
Hydrogen/Biofuels/Other Hydrocarbons	--	--	38,917	--	1,563	4,870	2,026	34,182	2,954	6,188	33,577
Hydrogen	--	--	--	--	--	6,492	--	6,492	--	0	--
Biofuels (including Fuel Ethanol)	--	--	38,917	--	1,563	-1,640	2,025	27,673	2,954	6,188	33,566
Fuel Ethanol ⁵	--	--	31,064	--	--	-1,640	995	25,640	2,790	0	25,240
Biofuels (excluding Fuel Ethanol)	--	--	7,853	--	1,563	--	1,031	2,033	164	6,188	8,326
Biodiesel	--	--	3,275	--	930	--	794	1,285	164	1,962	4,402
Renewable Diesel Fuel	--	--	3,999	--	633	--	280	385	NA	3,967	3,685
Other Biofuels ⁶	--	--	579	--	--	--	-43	363	NA	259	239
Other Hydrocarbons	--	--	--	--	0	18	1	17	--	0	11
Unfinished Oils	--	-2,253	--	--	16,303	--	-888	8,679	6,259	0	85,494
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	-1	--	15,211	-11	16,140	-3,968	3,027	0	223,312
Reformulated	--	--	0	--	4,432	11,648	3,776	12,281	23	0	51,548
Conventional	--	--	-1	--	10,779	-11,659	12,364	-16,249	3,003	0	171,764
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	-7	17	--	-10	26
Finished Petroleum Products	--	--	180	550,708	25,761	1,651	8,126	--	89,570	480,603	264,329
Finished Motor Gasoline	--	--	181	277,481	3,351	1,651	-918	--	26,560	257,022	16,319
Reformulated	--	--	--	85,956	--	-10,873	3	--	--	75,080	23
Conventional	--	--	181	191,525	3,351	12,524	-921	--	26,560	181,942	16,296
Finished Aviation Gasoline	--	--	--	205	4	--	30	--	--	179	1,336
Kerosene-Type Jet Fuel	--	--	2	50,316	3,577	--	530	--	6,008	47,357	35,569
Kerosene	--	--	--	461	0	--	-741	--	321	881	1,440
Distillate Fuel Oil ⁵	--	--	-3	145,771	8,996	--	3,797	--	27,996	122,971	122,696
15 ppm sulfur and under	--	--	-3	140,255	8,861	--	4,547	--	23,433	121,133	113,290
Greater than 15 to 500 ppm sulfur	--	--	0	2,871	3	--	-161	--	2,965	70	2,338
Greater than 500 ppm sulfur	--	--	--	2,645	132	--	-589	--	1,597	1,769	7,068
Residual Fuel Oil	--	--	--	8,106	5,117	--	1,365	--	3,292	8,566	32,104
Less than 0.31 percent sulfur	--	--	--	1,349	305	--	-18	--	NA	NA	2,762
0.31 to 1.00 percent sulfur	--	--	--	2,802	1,030	--	724	--	NA	NA	6,895
Greater than 1.00 percent sulfur	--	--	--	3,955	3,782	--	659	--	NA	NA	22,447
Petrochemical Feedstocks	--	--	--	6,786	482	--	251	--	1,305	5,712	2,639
Naphtha for Petro. Feed. Use	--	--	--	4,323	291	--	203	--	--	4,411	1,986
Other Oils for Petro. Feed. Use	--	--	--	2,463	191	--	48	--	1,305	1,301	653
Special Naphthas	--	--	--	898	611	--	22	--	--	1,487	1,041
Lubricants	--	--	--	4,876	1,240	--	-343	--	2,884	3,575	13,042
Waxes	--	--	--	107	130	--	-18	--	125	130	583
Petroleum Coke	--	--	--	24,366	490	--	735	--	20,191	3,930	7,609
Marketable	--	--	--	18,674	490	--	735	--	20,191	-1,762	7,609
Catalyst	--	--	--	5,692	--	--	--	--	--	5,692	--
Asphalt and Road Oil	--	--	--	9,449	1,763	--	3,390	--	784	7,038	28,922
Still Gas	--	--	--	19,338	--	--	--	--	--	19,338	--
Miscellaneous Products	--	--	--	2,548	--	--	27	--	102	2,419	1,029
Total	578,198	0	38,379	561,606	261,300	7,555	30,751	529,631	286,699	599,958	1,625,373

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, February 2023
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	352,534	9,357	--	--	185,661	4,341	13,210	423,517	115,166	0	843,948
Hydrocarbon Gas Liquids	171,291	-9,153	-652	11,467	6,522	--	-13,211	19,198	72,479	101,008	174,686
Natural Gas Liquids	171,291	-9,153	-652	5,328	5,947	--	-13,179	19,198	72,479	94,262	172,858
Ethane	71,146	--	--	127	--	--	-377	--	12,829	58,821	52,121
Propane	53,611	-25	--	7,535	4,821	--	-8,092	--	44,182	29,852	60,452
Normal Butane	16,228	-452	--	-1,831	960	--	-3,230	7,688	10,463	-16	26,919
Isobutane	11,629	-177	--	-503	162	--	-821	6,221	106	5,605	11,196
Natural Gasoline	18,677	-8,499	-652	--	4	--	-659	5,289	4,899	0	22,170
Refinery Olefins	--	--	--	6,139	575	--	-32	--	--	6,746	1,828
Ethylene	--	--	--	--	--	--	0	--	--	0	0
Propylene	--	--	--	6,332	407	--	-118	--	--	6,857	845
Normal Butylene	--	--	--	-193	168	--	99	--	--	-124	983
Isobutylene	--	--	--	--	--	--	-13	--	--	13	0
Other Liquids	--	-203	35,118	--	32,516	3,369	6,357	47,087	11,408	5,948	348,766
Hydrogen/Biofuels/Other Hydrocarbons	--	--	35,119	--	1,498	5,477	1,641	31,786	2,701	5,966	35,218
Hydrogen	--	--	--	--	--	5,470	--	5,470	--	0	--
Biofuels (including Fuel Ethanol)	--	--	35,119	--	1,498	-3	1,638	26,309	2,701	5,966	35,204
Fuel Ethanol ⁵	--	--	27,980	--	--	-3	1,045	24,381	2,551	0	26,284
Biofuels (excluding Fuel Ethanol)	--	--	7,139	--	1,498	--	594	1,928	150	5,966	8,920
Biodiesel	--	--	2,841	--	952	--	485	1,255	150	1,903	4,886
Renewable Diesel Fuel	--	--	3,760	--	546	--	-7	421	NA	3,891	3,679
Other Biofuels ⁶	--	--	539	--	--	--	116	252	NA	171	355
Other Hydrocarbons	--	--	--	--	--	10	3	7	--	0	14
Unfinished Oils	--	-203	--	--	15,562	--	2,160	5,572	7,627	0	87,654
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	-1	--	15,456	-2,108	2,559	9,707	1,080	0	225,872
Reformulated	--	--	0	--	4,327	10,924	-3,219	18,416	54	0	48,329
Conventional	--	--	-1	--	11,129	-13,032	5,778	-8,709	1,027	0	177,543
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	-4	22	--	-18	22
Finished Petroleum Products	--	--	181	505,071	25,313	2,111	6,557	--	74,713	451,407	270,886
Finished Motor Gasoline	--	--	181	260,865	2,125	2,111	445	--	21,380	243,457	16,764
Reformulated	--	--	--	81,976	--	-9,742	-2	--	--	72,236	21
Conventional	--	--	181	178,889	2,125	11,853	447	--	21,380	171,221	16,743
Finished Aviation Gasoline	--	--	--	327	24	--	57	--	--	294	1,393
Kerosene-Type Jet Fuel	--	--	2	43,839	5,265	--	1,686	--	4,979	42,442	37,254
Kerosene	--	--	--	427	--	--	-140	--	27	540	1,300
Distillate Fuel Oil ⁵	--	--	-2	131,514	8,401	--	1,965	--	25,987	111,961	124,662
15 ppm sulfur and under	--	--	-2	125,130	8,383	--	2,270	--	21,146	110,095	115,561
Greater than 15 to 500 ppm sulfur	--	--	0	2,524	2	--	-52	--	2,528	50	2,286
Greater than 500 ppm sulfur	--	--	--	3,860	16	--	-253	--	2,313	1,816	6,815
Residual Fuel Oil	--	--	--	7,726	5,666	--	-783	--	3,432	10,743	31,321
Less than 0.31 percent sulfur	--	--	--	1,318	473	--	219	--	NA	NA	2,981
0.31 to 1.00 percent sulfur	--	--	--	2,585	2,311	--	88	--	NA	NA	6,983
Greater than 1.00 percent sulfur	--	--	--	3,823	2,882	--	-1,090	--	NA	NA	21,357
Petrochemical Feedstocks	--	--	--	5,581	444	--	81	--	1,228	4,716	2,720
Naphtha for Petro. Feed. Use	--	--	--	2,973	239	--	61	--	--	3,151	2,047
Other Oils for Petro. Feed. Use	--	--	--	2,608	205	--	20	--	1,228	1,565	673
Special Naphthas	--	--	--	799	185	--	-37	--	--	1,021	1,004
Lubricants	--	--	--	3,996	1,437	--	-9	--	2,265	3,177	13,033
Waxes	--	--	--	139	93	--	10	--	131	91	593
Petroleum Coke	--	--	--	21,652	271	--	505	--	14,720	6,698	8,114
Marketable	--	--	--	16,641	271	--	505	--	14,720	1,687	8,114
Catalyst	--	--	--	5,011	--	--	--	--	--	5,011	--
Asphalt and Road Oil	--	--	--	8,726	1,402	--	2,794	--	511	6,823	31,716
Still Gas	--	--	--	17,119	--	--	--	--	--	17,119	--
Miscellaneous Products	--	--	--	2,361	--	--	-17	--	52	2,326	1,012
Total	523,825	0	34,647	516,538	250,012	9,821	12,913	489,802	273,766	558,363	1,638,285

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NA = Not Available.

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⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

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Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, March 2023
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	397,280	13,874	--	--	195,397	3,571	-7,554	480,888	136,788	0	836,394
Hydrocarbon Gas Liquids	196,894	-10,760	-718	19,625	6,271	--	-737	17,213	91,222	103,613	173,949
Natural Gas Liquids	196,894	-10,760	-718	12,175	5,671	--	-669	17,213	91,222	95,495	172,189
Ethane	83,048	--	--	265	--	--	2,348	--	15,608	65,357	54,469
Propane	60,831	-23	--	8,633	4,312	--	-5,255	--	56,008	23,000	55,197
Normal Butane	18,431	-493	--	3,451	1,009	--	701	4,893	14,855	1,949	27,620
Isobutane	13,195	-194	--	-174	347	--	838	6,983	163	5,190	12,034
Natural Gasoline	21,389	-10,050	-718	--	3	--	699	5,337	4,588	0	22,869
Refinery Olefins	--	--	--	7,450	600	--	-68	--	--	8,118	1,760
Ethylene	--	--	--	1	--	--	0	--	--	1	0
Propylene	--	--	--	7,663	448	--	300	--	--	7,811	1,145
Normal Butylene	--	--	--	-214	152	--	-368	--	--	306	615
Isobutylene	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-3,114	39,228	--	33,501	3,248	-14,598	65,077	15,047	7,336	334,168
Hydrogen/Biofuels/Other Hydrocarbons	--	--	39,230	--	1,702	4,589	-724	35,829	3,077	7,339	34,494
Hydrogen	--	--	--	--	--	6,065	--	6,065	--	0	--
Biofuels (including Fuel Ethanol)	--	--	39,230	--	1,702	-1,486	-730	29,760	3,077	7,339	34,474
Fuel Ethanol ⁵	--	--	30,602	--	--	-1,486	-1,318	27,618	2,817	0	24,966
Biofuels (excluding Fuel Ethanol)	--	--	8,628	--	1,702	--	588	2,142	261	7,339	9,508
Biodiesel	--	--	3,316	--	916	--	246	1,465	261	2,260	5,133
Renewable Diesel Fuel	--	--	4,718	--	786	--	357	471	NA	4,676	4,035
Other Biofuels ⁶	--	--	594	--	--	--	-15	206	NA	404	340
Other Hydrocarbons	--	--	--	--	--	10	6	4	--	0	20
Unfinished Oils	--	-3,114	--	--	16,314	--	1,209	2,978	9,013	0	88,863
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	-2	--	15,485	-1,341	-15,080	26,264	2,957	0	210,792
Reformulated	--	--	0	--	4,437	12,605	286	16,720	36	0	48,615
Conventional	--	--	-2	--	11,048	-13,946	-15,366	9,544	2,921	0	162,177
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	-3	6	--	-3	19
Finished Petroleum Products	--	--	218	572,209	20,352	2,827	-14,248	--	94,379	515,476	256,637
Finished Motor Gasoline	--	--	215	297,827	2,902	2,827	-2,352	--	24,738	281,385	14,412
Reformulated	--	--	--	91,745	--	-10,648	-1	--	--	81,098	20
Conventional	--	--	215	206,082	2,902	13,475	-2,351	--	24,738	200,286	14,392
Finished Aviation Gasoline	--	--	--	148	4	--	-230	--	--	382	1,163
Kerosene-Type Jet Fuel	--	--	5	52,059	4,486	--	519	--	6,028	50,003	37,773
Kerosene	--	--	--	165	--	--	-3	--	53	115	1,297
Distillate Fuel Oil ⁵	--	--	-1	145,156	4,813	--	-12,969	--	35,419	127,518	111,693
15 ppm sulfur and under	--	--	-1	137,835	4,774	--	-12,784	--	30,295	125,097	102,777
Greater than 15 to 500 ppm sulfur	--	--	0	3,740	9	--	310	--	3,410	29	2,596
Greater than 500 ppm sulfur	--	--	--	3,581	30	--	-495	--	1,714	2,392	6,320
Residual Fuel Oil	--	--	--	8,562	3,398	--	-1,762	--	6,693	7,029	29,559
Less than 0.31 percent sulfur	--	--	--	1,342	525	--	-48	--	NA	NA	2,933
0.31 to 1.00 percent sulfur	--	--	--	2,813	557	--	-38	--	NA	NA	6,945
Greater than 1.00 percent sulfur	--	--	--	4,407	2,316	--	-1,676	--	NA	NA	19,681
Petrochemical Feedstocks	--	--	--	7,419	508	--	192	--	1,137	6,598	2,912
Naphtha for Petro. Feed. Use	--	--	--	4,317	321	--	175	--	--	4,463	2,222
Other Oils for Petro. Feed. Use	--	--	--	3,102	187	--	17	--	1,137	2,135	690
Special Naphthas	--	--	--	949	522	--	-25	--	--	1,496	979
Lubricants	--	--	--	3,941	1,345	--	-578	--	4,006	1,858	12,455
Waxes	--	--	--	156	140	--	25	--	134	137	618
Petroleum Coke	--	--	--	23,978	272	--	-184	--	15,588	8,846	7,930
Marketable	--	--	--	18,252	272	--	-184	--	15,588	3,120	7,930
Catalyst	--	--	--	5,726	--	--	--	--	--	5,726	--
Asphalt and Road Oil	--	--	--	9,872	1,962	--	3,323	--	521	7,990	35,039
Still Gas	--	--	--	19,508	--	--	--	--	--	19,508	--
Miscellaneous Products	--	--	--	2,469	--	--	-204	--	61	2,612	808
Total	594,174	0	38,728	591,834	255,521	9,646	-37,137	563,178	337,436	626,426	1,601,149

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NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

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³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, April 2023
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	380,410	15,808	--	--	186,608	3,432	-13,044	475,195	124,107	0	823,350
Hydrocarbon Gas Liquids	193,363	-12,608	-675	24,198	4,250	--	13,984	14,925	78,962	100,657	187,934
Natural Gas Liquids	193,363	-12,608	-675	16,154	3,734	--	14,080	14,925	78,962	92,001	186,270
Ethane	80,960	--	--	156	--	--	2,242	--	14,895	63,979	56,711
Propane	59,638	-26	--	8,580	2,462	--	5,404	--	45,786	19,464	60,601
Normal Butane	18,189	-459	--	7,900	972	--	6,683	2,802	13,845	3,272	34,303
Isobutane	13,048	-181	--	-482	297	--	697	6,590	109	5,286	12,731
Natural Gasoline	21,528	-11,942	-675	--	3	--	-946	5,533	4,327	0	21,924
Refinery Olefins	--	--	--	8,044	516	--	-96	--	--	8,656	1,664
Ethylene	--	--	--	4	--	--	0	--	--	4	0
Propylene	--	--	--	7,828	413	--	134	--	--	8,107	1,279
Normal Butylene	--	--	--	212	103	--	-230	--	--	545	385
Isobutylene	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-3,200	37,633	--	42,716	8,421	-643	64,664	14,546	7,003	333,525
Hydrogen/Biofuels/Other Hydrocarbons	--	--	37,633	--	1,420	6,115	-894	35,058	3,994	7,011	33,600
Hydrogen	--	--	--	--	--	6,208	--	6,208	--	0	--
Biofuels (including Fuel Ethanol)	--	--	37,633	--	1,420	-97	-898	28,850	3,994	7,011	33,576
Fuel Ethanol ⁵	--	--	29,162	--	--	-97	-801	27,014	2,853	0	24,165
Biofuels (excluding Fuel Ethanol)	--	--	8,471	--	1,420	--	-97	1,836	1,141	7,011	9,411
Biodiesel	--	--	3,176	--	1,000	--	-175	1,471	1,141	1,739	4,957
Renewable Diesel Fuel	--	--	4,820	--	420	--	107	280	NA	4,853	4,143
Other Biofuels ⁶	--	--	475	--	--	--	-29	85	NA	419	311
Other Hydrocarbons	--	--	--	--	--	4	4	--	--	0	24
Unfinished Oils	--	-3,200	--	--	19,152	--	3,050	3,516	9,386	0	91,913
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	22,144	2,305	-2,814	26,097	1,166	0	207,978
Reformulated	--	--	0	--	4,386	5,672	-1,944	11,939	63	0	46,671
Conventional	--	--	0	--	17,758	-3,367	-870	14,158	1,103	0	161,307
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	15	-7	--	-8	34
Finished Petroleum Products	--	--	184	560,845	21,448	-2,209	7,860	--	80,911	491,498	264,497
Finished Motor Gasoline	--	--	180	290,510	4,524	-2,209	1,252	--	23,431	268,322	15,664
Reformulated	--	--	--	90,051	--	-4,213	5	--	--	85,833	25
Conventional	--	--	180	200,459	4,524	2,004	1,247	--	23,431	182,489	15,639
Finished Aviation Gasoline	--	--	--	258	6	--	-19	--	--	283	1,144
Kerosene-Type Jet Fuel	--	--	7	51,048	4,147	--	3,195	--	3,834	48,173	40,968
Kerosene	--	--	--	98	--	--	-226	--	24	300	1,071
Distillate Fuel Oil ⁵	--	--	-3	142,297	4,670	--	17	--	30,589	116,357	111,710
15 ppm sulfur and under	--	--	-3	135,854	4,661	--	-906	--	26,910	114,508	101,871
Greater than 15 to 500 ppm sulfur	--	--	0	3,905	6	--	-366	--	2,490	1,787	2,230
Greater than 500 ppm sulfur	--	--	--	2,538	3	--	1,289	--	1,189	63	7,609
Residual Fuel Oil	--	--	--	8,619	3,003	--	2,783	--	3,509	5,330	32,342
Less than 0.31 percent sulfur	--	--	--	1,353	313	--	437	--	NA	NA	3,370
0.31 to 1.00 percent sulfur	--	--	--	2,533	707	--	1,425	--	NA	NA	8,370
Greater than 1.00 percent sulfur	--	--	--	4,733	1,983	--	921	--	NA	NA	20,602
Petrochemical Feedstocks	--	--	--	7,580	772	--	-235	--	836	7,751	2,677
Naphtha for Petro. Feed. Use	--	--	--	3,908	591	--	-180	--	--	4,679	2,042
Other Oils for Petro. Feed. Use	--	--	--	3,672	181	--	-55	--	836	3,072	635
Special Naphthas	--	--	--	845	667	--	74	--	--	1,438	1,053
Lubricants	--	--	--	4,647	1,625	--	586	--	3,261	2,425	13,041
Waxes	--	--	--	147	106	--	27	--	112	114	645
Petroleum Coke	--	--	--	23,929	151	--	-112	--	14,646	9,546	7,818
Marketable	--	--	--	18,145	151	--	-112	--	14,646	3,762	7,818
Catalyst	--	--	--	5,784	--	--	--	--	--	5,784	--
Asphalt and Road Oil	--	--	--	9,069	1,777	--	510	--	591	9,745	35,549
Still Gas	--	--	--	19,350	--	--	--	--	--	19,350	--
Miscellaneous Products	--	--	--	2,448	--	--	7	--	77	2,364	815
Total	573,773	0	37,142	585,043	255,022	9,644	8,157	554,784	298,525	599,157	1,609,305

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, May 2023
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	394,619	10,419	--	--	200,407	8,113	-8,341	502,666	119,233	0	815,009
Hydrocarbon Gas Liquids	199,294	-11,640	-733	26,134	3,982	--	19,126	14,738	80,129	103,044	207,059
Natural Gas Liquids	199,294	-11,640	-733	17,681	3,405	--	19,081	14,738	80,129	94,059	205,350
Ethane	82,136	--	--	116	--	--	-2,475	--	14,450	70,277	54,236
Propane	61,544	-24	--	8,921	2,041	--	10,448	--	47,343	14,691	71,049
Normal Butane	19,002	-459	--	8,865	1,107	--	10,269	1,326	12,665	4,255	44,572
Isobutane	13,488	-180	--	-221	252	--	1,158	7,164	181	4,836	13,889
Natural Gasoline	23,124	-10,977	-733	--	5	--	-319	6,248	5,491	0	21,604
Refinery Olefins	--	--	--	8,453	577	--	45	--	--	8,985	1,709
Ethylene	--	--	--	8	--	--	0	--	--	8	0
Propylene	--	--	--	7,945	483	--	-133	--	--	8,561	1,146
Normal Butylene	--	--	--	500	94	--	178	--	--	416	563
Isobutylene	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	1,221	40,452	--	37,540	13,667	-7,859	73,996	17,072	9,671	325,665
Hydrogen/Biofuels/Other Hydrocarbons	--	--	40,452	--	1,981	6,453	-2,012	37,778	3,434	9,687	31,587
Hydrogen	--	--	--	--	--	6,925	--	6,925	--	0	--
Biofuels (including Fuel Ethanol)	--	--	40,452	--	1,981	-487	-2,001	30,827	3,434	9,687	31,574
Fuel Ethanol ⁵	--	--	30,820	--	--	-487	-1,057	28,714	2,676	0	23,108
Biofuels (excluding Fuel Ethanol)	--	--	9,632	--	1,981	--	-945	2,113	758	9,687	8,466
Biodiesel	--	--	3,685	--	832	--	-470	1,577	758	2,652	4,487
Renewable Diesel Fuel	--	--	5,355	--	1,149	--	-429	404	NA	6,529	3,714
Other Biofuels ⁶	--	--	592	--	--	--	-46	132	NA	506	265
Other Hydrocarbons	--	--	--	--	--	15	-11	26	--	0	13
Unfinished Oils	--	1,221	--	--	15,091	--	-3,010	8,420	10,902	0	88,903
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	20,468	7,214	-2,841	27,786	2,737	0	205,137
Reformulated	--	--	0	--	4,961	4,989	1,107	8,792	51	0	47,778
Conventional	--	--	0	--	15,507	2,225	-3,948	18,994	2,686	0	157,359
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	4	12	--	-16	38
Finished Petroleum Products	--	--	224	594,157	23,049	-6,727	2,179	--	91,213	517,312	266,676
Finished Motor Gasoline	--	--	217	306,182	6,204	-6,727	1,345	--	23,054	281,476	17,009
Reformulated	--	--	--	94,793	--	-3,545	-4	--	--	91,252	21
Conventional	--	--	217	211,389	6,204	-3,183	1,349	--	23,054	190,224	16,988
Finished Aviation Gasoline	--	--	--	303	10	--	-119	--	--	432	1,025
Kerosene-Type Jet Fuel	--	--	10	52,406	4,733	--	1,384	--	4,005	51,760	42,352
Kerosene	--	--	0	586	20	--	140	--	12	454	1,211
Distillate Fuel Oil ⁵	--	--	-3	153,391	5,214	--	1,052	--	36,059	121,491	112,762
15 ppm sulfur and under	--	--	-3	146,920	5,200	--	829	--	30,653	120,635	102,700
Greater than 15 to 500 ppm sulfur	--	--	0	4,772	11	--	750	--	3,966	67	2,980
Greater than 500 ppm sulfur	--	--	0	1,699	3	--	-527	--	1,440	789	7,082
Residual Fuel Oil	--	--	--	8,611	2,683	--	802	--	3,871	6,621	33,144
Less than 0.31 percent sulfur	--	--	--	1,225	--	--	119	--	NA	NA	3,489
0.31 to 1.00 percent sulfur	--	--	--	2,546	221	--	4	--	NA	NA	8,374
Greater than 1.00 percent sulfur	--	--	--	4,840	2,462	--	679	--	NA	NA	21,281
Petrochemical Feedstocks	--	--	--	7,218	903	--	-167	--	632	7,656	2,510
Naphtha for Petro. Feed. Use	--	--	--	4,022	704	--	-150	--	--	4,876	1,892
Other Oils for Petro. Feed. Use	--	--	--	3,196	199	--	-17	--	632	2,780	618
Special Naphthas	--	--	--	879	453	--	115	--	--	1,217	1,168
Lubricants	--	--	--	5,058	1,488	--	-552	--	4,094	3,004	12,489
Waxes	--	--	--	159	123	--	53	--	128	101	698
Petroleum Coke	--	--	--	24,972	32	--	-831	--	18,921	6,914	6,987
Marketable	--	--	--	18,974	32	--	-831	--	18,921	916	6,987
Catalyst	--	--	--	5,998	--	--	--	--	--	5,998	--
Asphalt and Road Oil	--	--	--	10,644	1,186	--	-1,194	--	347	12,677	34,355
Still Gas	--	--	--	20,999	--	--	--	--	--	20,999	--
Miscellaneous Products	--	--	--	2,749	--	--	151	--	89	2,509	966
Total	593,913	0	39,943	620,291	264,978	15,053	5,104	591,400	307,647	630,027	1,614,410

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, June 2023
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	385,967	16,529	--	--	195,529	-1,577	-13,136	492,184	117,401	0	801,873
Hydrocarbon Gas Liquids	192,249	-9,968	-727	25,411	3,914	--	18,658	15,036	78,649	98,535	225,717
Natural Gas Liquids	192,249	-9,968	-727	17,851	3,384	--	18,552	15,036	78,649	90,551	223,902
Ethane	77,454	--	--	134	--	--	-2,717	--	15,359	64,946	51,519
Propane	59,910	-22	--	8,505	2,113	--	8,143	--	45,877	16,486	79,192
Normal Butane	18,744	-398	--	9,666	1,038	--	11,560	1,897	12,097	3,496	56,132
Isobutane	12,877	-157	--	-454	226	--	-228	7,029	67	5,624	13,661
Natural Gasoline	23,264	-9,391	-727	--	7	--	1,794	6,110	5,249	0	23,398
Refinery Olefins	--	--	--	7,560	530	--	106	--	--	7,984	1,815
Ethylene	--	--	--	13	--	--	0	--	--	13	0
Propylene	--	--	--	7,557	452	--	-8	--	--	8,017	1,138
Normal Butylene	--	--	--	-12	78	--	110	--	--	-44	673
Isobutylene	--	--	--	2	--	--	4	--	--	-2	4
Other Liquids	--	-6,561	40,769	--	45,850	5,674	-3,641	65,805	14,636	8,932	322,025
Hydrogen/Biofuels/Other Hydrocarbons	--	--	40,769	--	1,697	5,291	-1,398	36,726	3,494	8,935	30,190
Hydrogen	--	--	--	--	--	6,788	--	6,788	--	0	--
Biofuels (including Fuel Ethanol)	--	--	40,769	--	1,697	-1,517	-1,397	29,917	3,494	8,935	30,178
Fuel Ethanol ⁵	--	--	31,089	--	--	-1,517	-794	27,711	2,656	0	22,314
Biofuels (excluding Fuel Ethanol)	--	--	9,680	--	1,697	--	-603	2,206	839	8,935	7,863
Biodiesel	--	--	3,588	--	1,016	--	-490	1,473	839	2,782	3,998
Renewable Diesel Fuel	--	--	5,488	--	681	--	-149	566	NA	5,752	3,565
Other Biofuels ⁶	--	--	604	--	0	--	36	167	NA	401	301
Other Hydrocarbons	--	--	--	--	--	20	-1	21	--	0	12
Unfinished Oils	--	-6,561	--	--	19,841	--	-1,629	5,911	8,998	0	87,274
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	24,312	383	-601	23,152	2,144	0	204,536
Reformulated	--	--	0	--	4,230	5,530	2,158	7,581	21	0	49,936
Conventional	--	--	0	--	20,082	-5,147	-2,759	15,571	2,123	0	154,600
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	-13	16	--	-3	25
Finished Petroleum Products	--	--	210	579,103	20,520	1,134	-6,057	--	91,836	515,188	260,619
Finished Motor Gasoline	--	--	208	297,893	4,201	1,134	511	--	21,953	280,972	17,520
Reformulated	--	--	--	91,345	--	-3,055	-2	--	--	88,292	19
Conventional	--	--	208	206,548	4,201	4,189	513	--	21,953	192,680	17,501
Finished Aviation Gasoline	--	--	--	348	7	--	-76	--	--	431	949
Kerosene-Type Jet Fuel	--	--	9	53,272	4,324	--	64	--	4,879	52,663	42,416
Kerosene	--	--	--	301	--	--	93	--	49	159	1,304
Distillate Fuel Oil ⁵	--	--	-7	149,276	4,141	--	-769	--	34,852	119,326	111,994
15 ppm sulfur and under	--	--	-7	145,466	4,131	--	2	--	31,536	118,053	102,702
Greater than 15 to 500 ppm sulfur	--	--	0	2,510	8	--	-493	--	1,807	1,204	2,487
Greater than 500 ppm sulfur	--	--	--	1,300	2	--	-277	--	1,510	69	6,805
Residual Fuel Oil	--	--	--	6,895	3,104	--	-2,671	--	4,484	8,186	30,473
Less than 0.31 percent sulfur	--	--	--	584	305	--	-314	--	NA	NA	3,175
0.31 to 1.00 percent sulfur	--	--	--	2,434	774	--	-736	--	NA	NA	7,638
Greater than 1.00 percent sulfur	--	--	--	3,877	2,025	--	-1,621	--	NA	NA	19,660
Petrochemical Feedstocks	--	--	--	6,589	549	--	196	--	1,427	5,515	2,706
Naphtha for Petro. Feed. Use	--	--	--	3,401	361	--	24	--	--	3,738	1,916
Other Oils for Petro. Feed. Use	--	--	--	3,188	188	--	172	--	1,427	1,777	790
Special Naphthas	--	--	--	574	608	--	-176	--	--	1,358	992
Lubricants	--	--	--	4,194	1,350	--	-555	--	3,253	2,846	11,934
Waxes	--	--	--	184	104	--	7	--	129	152	705
Petroleum Coke	--	--	--	25,176	619	--	-499	--	20,189	6,105	6,488
Marketable	--	--	--	19,241	619	--	-499	--	20,189	170	6,488
Catalyst	--	--	--	5,935	--	--	--	--	--	5,935	--
Asphalt and Road Oil	--	--	--	10,860	1,513	--	-2,282	--	541	14,114	32,073
Still Gas	--	--	--	20,878	--	--	--	--	--	20,878	--
Miscellaneous Products	--	--	--	2,663	--	--	100	--	80	2,483	1,066
Total	578,216	0	40,253	604,514	265,813	5,231	-4,175	573,025	302,522	622,656	1,610,234

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, July 2023
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	400,994	17,591	--	--	195,465	8,545	-14,472	515,467	121,600	0	787,401
Hydrocarbon Gas Liquids	201,676	-11,948	-742	25,089	4,102	--	17,215	14,526	79,516	106,920	242,932
Natural Gas Liquids	201,676	-11,948	-742	17,587	3,563	--	17,201	14,526	79,516	98,893	241,103
Ethane	80,493	--	--	226	--	--	-3,204	--	15,351	68,572	48,315
Propane	62,884	-22	--	8,970	2,175	--	7,484	--	48,066	18,457	86,676
Normal Butane	19,614	-361	--	9,062	1,102	--	10,411	2,068	11,887	5,051	66,543
Isobutane	13,730	-142	--	-671	284	--	-902	7,123	167	6,813	12,759
Natural Gasoline	24,955	-11,423	-742	--	2	--	3,412	5,335	4,044	0	26,810
Refinery Olefins	--	--	--	7,502	539	--	14	--	--	8,027	1,829
Ethylene	--	--	--	12	--	--	0	--	--	12	0
Propylene	--	--	--	7,900	450	--	95	--	--	8,255	1,233
Normal Butylene	--	--	--	-411	89	--	-81	--	--	-241	592
Isobutylene	--	--	--	1	--	--	0	--	--	1	4
Other Liquids	--	-5,643	41,203	--	39,295	11,848	1,966	60,535	16,141	8,061	323,991
Hydrogen/Biofuels/Other Hydrocarbons	--	--	41,203	--	1,560	6,736	906	37,144	3,369	8,080	31,096
Hydrogen	--	--	--	--	--	7,093	--	7,093	--	0	--
Biofuels (including Fuel Ethanol)	--	--	41,203	--	1,560	-370	907	30,037	3,369	8,080	31,085
Fuel Ethanol ⁵	--	--	32,014	--	--	-370	742	28,224	2,678	0	23,057
Biofuels (excluding Fuel Ethanol)	--	--	9,189	--	1,560	--	165	1,813	691	8,080	8,028
Biodiesel	--	--	3,623	--	725	--	-245	1,415	691	2,486	3,753
Renewable Diesel Fuel	--	--	5,086	--	783	--	506	235	NA	5,128	4,071
Other Biofuels ⁶	--	--	480	--	52	--	-96	163	NA	465	204
Other Hydrocarbons	--	--	--	--	--	13	-1	14	--	0	11
Unfinished Oils	--	-5,643	--	--	17,522	--	-131	2,697	9,313	0	87,143
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	20,213	5,112	1,197	20,669	3,459	0	205,733
Reformulated	--	--	0	--	4,468	899	60	5,299	8	0	49,996
Conventional	--	--	0	--	15,745	4,213	1,137	15,370	3,451	0	155,737
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	-6	25	--	-19	19
Finished Petroleum Products	--	--	233	597,807	18,118	-4,742	2,442	--	102,627	506,346	263,061
Finished Motor Gasoline	--	--	214	304,660	3,003	-4,742	-2,378	--	27,163	278,349	15,142
Reformulated	--	--	--	92,360	--	-885	0	--	--	91,475	19
Conventional	--	--	214	212,300	3,003	-3,858	-2,378	--	27,163	186,874	15,123
Finished Aviation Gasoline	--	--	--	411	47	--	18	--	--	440	967
Kerosene-Type Jet Fuel	--	--	19	55,172	3,982	--	165	--	4,665	54,343	42,581
Kerosene	--	--	--	552	--	--	136	--	23	393	1,440
Distillate Fuel Oil ⁵	--	--	0	154,332	3,656	--	7,793	--	39,113	111,082	119,786
15 ppm sulfur and under	--	--	0	150,239	3,649	--	7,925	--	34,997	110,966	110,626
Greater than 15 to 500 ppm sulfur	--	--	0	2,771	5	--	-398	--	3,129	45	2,089
Greater than 500 ppm sulfur	--	--	--	1,322	2	--	266	--	987	71	7,071
Residual Fuel Oil	--	--	--	8,199	2,433	--	-1,964	--	4,806	7,790	28,509
Less than 0.31 percent sulfur	--	--	--	569	--	--	-400	--	NA	NA	2,775
0.31 to 1.00 percent sulfur	--	--	--	2,626	155	--	-1,004	--	NA	NA	6,634
Greater than 1.00 percent sulfur	--	--	--	5,004	2,278	--	-560	--	NA	NA	19,100
Petrochemical Feedstocks	--	--	--	6,732	506	--	-119	--	824	6,533	2,587
Naphtha for Petro. Feed. Use	--	--	--	3,811	375	--	-39	--	--	4,225	1,877
Other Oils for Petro. Feed. Use	--	--	--	2,921	131	--	-80	--	824	2,308	710
Special Naphthas	--	--	--	955	838	--	105	--	--	1,688	1,097
Lubricants	--	--	--	4,770	1,360	--	-402	--	3,609	2,923	11,532
Waxes	--	--	--	161	154	--	-19	--	116	218	686
Petroleum Coke	--	--	--	26,152	9	--	774	--	21,763	3,624	7,262
Marketable	--	--	--	19,943	9	--	774	--	21,763	-2,585	7,262
Catalyst	--	--	--	6,209	--	--	--	--	--	6,209	--
Asphalt and Road Oil	--	--	--	10,973	2,130	--	-1,651	--	487	14,267	30,422
Still Gas	--	--	--	21,928	--	--	--	--	--	21,928	--
Miscellaneous Products	--	--	--	2,810	--	--	-16	--	58	2,768	1,050
Total	602,670	0	40,693	622,896	256,980	15,651	7,151	590,528	319,884	621,326	1,617,386

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, August 2023
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	404,469	20,895	--	--	216,654	-7,831	-19,770	517,374	136,582	0	767,631
Hydrocarbon Gas Liquids	205,556	-13,955	-751	25,600	4,509	--	24,061	16,164	80,645	100,089	266,993
Natural Gas Liquids	205,556	-13,955	-751	17,698	3,922	--	24,102	16,164	80,645	91,559	265,205
Ethane	81,919	--	--	166	--	--	2,727	--	15,785	63,573	51,042
Propane	63,735	-21	--	8,916	2,552	--	9,683	--	45,989	19,510	96,359
Normal Butane	20,353	-309	--	9,137	1,083	--	10,894	2,327	14,302	2,741	77,437
Isobutane	13,507	-121	--	-521	286	--	109	7,249	59	5,734	12,868
Natural Gasoline	26,042	-13,504	-751	--	1	--	689	6,588	4,512	0	27,499
Refinery Olefins	--	--	--	7,902	587	--	-41	--	--	8,530	1,788
Ethylene	--	--	--	30	--	--	0	--	--	30	0
Propylene	--	--	--	7,899	506	--	-34	--	--	8,439	1,199
Normal Butylene	--	--	--	-52	81	--	-45	--	--	74	547
Isobutylene	--	--	--	25	--	--	38	--	--	-13	42
Other Liquids	--	-6,940	40,835	--	39,606	6,555	-4,847	61,654	14,302	8,948	319,144
Hydrogen/Biofuels/Other Hydrocarbons	--	--	40,835	--	2,243	5,859	-1,273	38,293	2,948	8,970	29,823
Hydrogen	--	--	--	--	--	7,102	--	7,102	--	0	--
Biofuels (including Fuel Ethanol)	--	--	40,835	--	2,243	-1,260	-1,276	31,177	2,948	8,970	29,809
Fuel Ethanol ⁵	--	--	31,132	--	249	-1,260	-1,257	28,983	2,395	0	21,800
Biofuels (excluding Fuel Ethanol)	--	--	9,703	--	1,994	--	-19	2,194	553	8,970	8,009
Biodiesel	--	--	3,449	--	991	--	-130	1,496	553	2,522	3,622
Renewable Diesel Fuel	--	--	5,733	--	1,003	--	3	544	NA	6,189	4,074
Other Biofuels ⁶	--	--	521	--	0	--	108	154	NA	259	313
Other Hydrocarbons	--	--	--	--	--	17	3	14	--	0	14
Unfinished Oils	--	-6,940	--	--	15,001	--	-789	333	8,517	0	86,354
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	22,362	696	-2,785	23,006	2,837	0	202,948
Reformulated	--	--	0	--	3,295	3,795	-6,093	13,182	1	0	43,903
Conventional	--	--	0	--	19,067	-3,099	3,308	9,824	2,836	0	159,045
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	22	--	-22	19
Finished Petroleum Products	--	--	237	602,787	16,300	564	-7,941	--	93,062	534,767	255,120
Finished Motor Gasoline	--	--	221	307,281	2,612	564	1,064	--	23,035	286,579	16,205
Reformulated	--	--	--	94,985	--	-1,684	-4	--	--	93,305	15
Conventional	--	--	221	212,296	2,612	2,248	1,068	--	23,035	193,274	16,190
Finished Aviation Gasoline	--	--	--	411	42	--	-12	--	--	465	955
Kerosene-Type Jet Fuel	--	--	12	56,536	2,911	--	31	--	6,495	52,933	42,612
Kerosene	--	--	--	338	50	--	40	--	330	18	1,480
Distillate Fuel Oil ⁵	--	--	5	155,543	4,138	--	-3,336	--	37,407	125,614	116,450
15 ppm sulfur and under	--	--	5	150,409	4,124	--	-3,416	--	32,478	125,476	107,210
Greater than 15 to 500 ppm sulfur	--	--	0	3,559	5	--	216	--	3,272	75	2,305
Greater than 500 ppm sulfur	--	--	--	1,575	9	--	-136	--	1,657	63	6,935
Residual Fuel Oil	--	--	--	8,346	2,247	--	-2,537	--	3,180	9,950	25,972
Less than 0.31 percent sulfur	--	--	--	690	--	--	-242	--	NA	NA	2,533
0.31 to 1.00 percent sulfur	--	--	--	2,516	744	--	-404	--	NA	NA	6,230
Greater than 1.00 percent sulfur	--	--	--	5,140	1,503	--	-1,891	--	NA	NA	17,209
Petrochemical Feedstocks	--	--	--	6,644	434	--	267	--	1,431	5,380	2,854
Naphtha for Petro. Feed. Use	--	--	--	4,025	272	--	167	--	--	4,130	2,044
Other Oils for Petro. Feed. Use	--	--	--	2,619	162	--	100	--	1,431	1,250	810
Special Naphthas	--	--	--	990	363	--	6	--	--	1,347	1,103
Lubricants	--	--	--	4,779	1,182	--	411	--	3,029	2,521	11,943
Waxes	--	--	--	128	142	--	-24	--	136	158	662
Petroleum Coke	--	--	--	25,719	204	--	-912	--	17,279	9,556	6,350
Marketable	--	--	--	19,429	204	--	-912	--	17,279	3,266	6,350
Catalyst	--	--	--	6,290	--	--	--	--	--	6,290	--
Asphalt and Road Oil	--	--	--	11,567	1,975	--	-3,063	--	697	15,908	27,359
Still Gas	--	--	--	21,814	--	--	--	--	--	21,814	--
Miscellaneous Products	--	--	--	2,691	--	--	124	--	42	2,525	1,174
Total	610,025	0	40,321	628,387	277,069	-712	-8,498	595,192	324,592	643,804	1,608,888

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, September 2023
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	395,300	20,710	--	--	200,492	-3,706	1,508	487,179	124,109	0	769,139
Hydrocarbon Gas Liquids	203,863	-14,626	-693	18,386	4,401	--	10,218	20,447	82,395	98,271	277,211
Natural Gas Liquids	203,863	-14,626	-693	11,128	3,866	--	10,171	20,447	82,395	90,525	275,376
Ethane	83,008	--	--	166	--	--	6,255	--	15,312	61,607	57,297
Propane	62,373	-23	--	8,223	2,497	--	5,045	--	49,083	18,942	101,404
Normal Butane	19,638	-383	--	3,469	1,098	--	-898	6,807	14,316	3,597	76,539
Isobutane	13,649	-150	--	-730	269	--	17	6,631	12	6,378	12,885
Natural Gasoline	25,195	-14,070	-693	--	2	--	-248	7,009	3,672	0	27,251
Refinery Olefins	--	--	--	7,258	535	--	47	--	--	7,746	1,835
Ethylene	--	--	--	17	--	--	0	--	--	17	0
Propylene	--	--	--	7,361	457	--	19	--	--	7,799	1,218
Normal Butylene	--	--	--	-137	78	--	66	--	--	-125	613
Isobutylene	--	--	--	17	--	--	-38	--	--	55	4
Other Liquids	--	-6,084	40,106	--	34,394	14,563	11,708	46,688	15,428	9,156	330,852
Hydrogen/Biofuels/Other Hydrocarbons	--	--	40,106	--	2,085	6,590	499	35,803	3,308	9,171	30,322
Hydrogen	--	--	--	--	--	6,879	--	6,879	--	0	--
Biofuels (including Fuel Ethanol)	--	--	40,106	--	2,085	-296	497	28,919	3,308	9,171	30,306
Fuel Ethanol ⁵	--	--	30,104	--	400	-296	360	26,949	2,899	0	22,159
Biofuels (excluding Fuel Ethanol)	--	--	10,003	--	1,685	--	138	1,970	410	9,171	8,146
Biodiesel	--	--	3,438	--	1,280	--	6	1,450	410	2,852	3,629
Renewable Diesel Fuel	--	--	5,962	--	405	--	170	365	NA	5,831	4,244
Other Biofuels ⁶	--	--	603	--	--	--	-39	155	NA	487	274
Other Hydrocarbons	--	--	--	--	--	7	2	5	--	0	16
Unfinished Oils	--	-6,084	--	--	14,339	--	2,076	-3,962	10,141	0	88,430
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	17,962	7,973	9,125	14,832	1,978	0	212,073
Reformulated	--	--	0	--	4,001	11,466	3,820	11,644	3	0	47,723
Conventional	--	--	0	--	13,961	-3,492	5,305	3,188	1,976	0	164,350
Aviation Gasoline Blend. Comp.	--	--	--	--	8	--	8	15	--	-15	27
Finished Petroleum Products	--	--	210	568,060	19,436	-7,677	1,378	--	81,440	497,211	256,498
Finished Motor Gasoline	--	--	201	290,451	4,758	-7,677	-393	--	22,834	265,293	15,812
Reformulated	--	--	--	89,685	--	-9,845	5	--	--	79,835	20
Conventional	--	--	201	200,766	4,758	2,168	-398	--	22,834	185,457	15,792
Finished Aviation Gasoline	--	--	--	363	47	--	195	--	--	215	1,150
Kerosene-Type Jet Fuel	--	--	4	52,490	3,282	--	850	--	4,185	50,741	43,462
Kerosene	--	--	--	443	--	--	-50	--	154	339	1,430
Distillate Fuel Oil ⁵	--	--	5	146,901	3,566	--	2,392	--	32,347	115,733	118,842
15 ppm sulfur and under	--	--	5	141,951	3,561	--	2,609	--	27,515	115,393	109,819
Greater than 15 to 500 ppm sulfur	--	--	0	2,951	3	--	97	--	2,538	319	2,402
Greater than 500 ppm sulfur	--	--	--	1,999	2	--	-314	--	2,294	21	6,621
Residual Fuel Oil	--	--	--	7,850	3,740	--	1,803	--	3,183	6,604	27,775
Less than 0.31 percent sulfur	--	--	--	1,137	380	--	-31	--	NA	NA	2,502
0.31 to 1.00 percent sulfur	--	--	--	2,435	1,008	--	-281	--	NA	NA	5,949
Greater than 1.00 percent sulfur	--	--	--	4,278	2,352	--	2,115	--	NA	NA	19,324
Petrochemical Feedstocks	--	--	--	6,244	282	--	-122	--	936	5,712	2,732
Naphtha for Petro. Feed. Use	--	--	--	4,263	153	--	-135	--	--	4,551	1,909
Other Oils for Petro. Feed. Use	--	--	--	1,981	129	--	13	--	936	1,161	823
Special Naphthas	--	--	--	843	532	--	31	--	--	1,344	1,134
Lubricants	--	--	--	4,471	1,165	--	-311	--	3,740	2,207	11,632
Waxes	--	--	--	100	102	--	-47	--	137	112	615
Petroleum Coke	--	--	--	24,995	206	--	333	--	13,146	11,722	6,683
Marketable	--	--	--	18,922	206	--	333	--	13,146	5,649	6,683
Catalyst	--	--	--	6,073	--	--	--	--	--	6,073	--
Asphalt and Road Oil	--	--	--	10,164	1,756	--	-3,064	--	731	14,253	24,295
Still Gas	--	--	--	20,214	--	--	--	--	--	20,214	--
Miscellaneous Products	--	--	--	2,531	--	--	-238	--	47	2,722	936
Total	599,163	0	39,624	586,446	258,723	3,180	24,813	554,314	303,371	604,637	1,633,701

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, October 2023
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	407,615	20,720	--	--	190,042	-6,204	8,128	476,064	127,981	0	777,267
Hydrocarbon Gas Liquids	210,950	-13,866	-750	12,857	4,607	--	-3,197	23,319	85,200	108,477	274,014
Natural Gas Liquids	210,950	-13,866	-750	5,978	4,140	--	-3,665	23,319	85,200	101,599	271,711
Ethane	86,886	--	--	475	--	--	8,888	--	13,630	64,843	66,185
Propane	64,907	-26	--	8,338	2,879	--	-3,496	--	52,854	26,740	97,908
Normal Butane	20,051	-440	--	-2,391	1,078	--	-8,924	9,539	14,913	2,770	67,615
Isobutane	14,043	-168	--	-444	183	--	-919	7,151	137	7,245	11,966
Natural Gasoline	25,063	-13,232	-750	--	--	--	786	6,629	3,666	0	28,037
Refinery Olefins	--	--	--	6,879	467	--	468	--	--	6,878	2,303
Ethylene	--	--	--	137	--	--	0	--	--	137	0
Propylene	--	--	--	7,246	386	--	127	--	--	7,505	1,345
Normal Butylene	--	--	--	-529	81	--	323	--	--	-771	936
Isobutylene	--	--	--	25	--	--	18	--	--	7	22
Other Liquids	--	-6,854	41,169	--	33,872	3,375	-7,859	56,333	14,234	8,853	322,993
Hydrogen/Biofuels/Other Hydrocarbons	--	--	41,170	--	1,368	5,024	-1,596	37,072	3,228	8,857	28,726
Hydrogen	--	--	--	--	--	6,882	--	6,882	--	0	--
Biofuels (including Fuel Ethanol)	--	--	41,170	--	1,368	-1,876	-1,598	30,174	3,228	8,857	28,708
Fuel Ethanol ⁵	--	--	31,858	--	--	-1,876	-957	28,161	2,777	0	21,203
Biofuels (excluding Fuel Ethanol)	--	--	9,312	--	1,368	--	-641	2,013	451	8,857	7,505
Biodiesel	--	--	3,495	--	1,017	--	-124	1,463	451	2,722	3,505
Renewable Diesel Fuel	--	--	5,094	--	351	--	-576	282	NA	5,739	3,668
Other Biofuels ⁶	--	--	723	--	--	--	59	268	NA	396	332
Other Hydrocarbons	--	--	--	--	--	18	2	16	--	0	18
Unfinished Oils	--	-6,854	--	--	14,953	--	3,131	-3,926	8,894	0	91,561
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	17,551	-1,649	-9,393	23,182	2,112	0	202,680
Reformulated	--	--	0	--	3,907	10,572	-3,787	18,240	26	0	43,936
Conventional	--	--	0	--	13,644	-12,222	-5,606	4,942	2,086	0	158,744
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	-1	5	--	-4	26
Finished Petroleum Products	--	--	218	574,821	15,979	3,525	-15,866	--	88,164	522,245	240,633
Finished Motor Gasoline	--	--	213	301,693	2,433	3,525	236	--	25,533	282,095	16,049
Reformulated	--	--	--	94,524	--	-8,676	2	--	--	85,846	22
Conventional	--	--	213	207,169	2,433	12,202	234	--	25,533	196,250	16,027
Finished Aviation Gasoline	--	--	--	450	6	--	-57	--	--	513	1,093
Kerosene-Type Jet Fuel	--	--	0	49,962	3,163	--	-4,025	--	4,540	52,610	39,437
Kerosene	--	--	--	229	--	--	-131	--	327	33	1,299
Distillate Fuel Oil ⁵	--	--	5	146,777	3,279	--	-9,225	--	33,404	125,881	109,617
15 ppm sulfur and under	--	--	5	140,871	3,260	--	-8,935	--	27,314	125,757	100,884
Greater than 15 to 500 ppm sulfur	--	--	0	3,367	9	--	18	--	3,305	53	2,420
Greater than 500 ppm sulfur	--	--	0	2,539	10	--	-308	--	2,785	72	6,313
Residual Fuel Oil	--	--	--	8,389	3,270	--	-187	--	3,495	8,351	27,588
Less than 0.31 percent sulfur	--	--	--	1,181	171	--	388	--	NA	NA	2,890
0.31 to 1.00 percent sulfur	--	--	--	2,529	1,171	--	20	--	NA	NA	5,969
Greater than 1.00 percent sulfur	--	--	--	4,679	1,928	--	-595	--	NA	NA	18,729
Petrochemical Feedstocks	--	--	--	6,216	211	--	195	--	1,642	4,590	2,927
Naphtha for Petro. Feed. Use	--	--	--	3,789	115	--	160	--	--	3,744	2,069
Other Oils for Petro. Feed. Use	--	--	--	2,427	96	--	35	--	1,642	846	858
Special Naphthas	--	--	--	955	816	--	-7	--	--	1,778	1,127
Lubricants	--	--	--	4,403	1,297	--	-389	--	3,071	3,018	11,243
Waxes	--	--	--	123	135	--	-38	--	124	172	577
Petroleum Coke	--	--	--	23,811	137	--	749	--	15,335	7,864	7,432
Marketable	--	--	--	18,105	137	--	749	--	15,335	2,158	7,432
Catalyst	--	--	--	5,706	--	--	--	--	--	5,706	--
Asphalt and Road Oil	--	--	--	10,389	1,232	--	-2,978	--	658	13,941	21,317
Still Gas	--	--	--	18,823	--	--	--	--	--	18,823	--
Miscellaneous Products	--	--	--	2,601	--	--	-9	--	36	2,574	927
Total	618,565	0	40,637	587,678	244,500	696	-18,793	555,716	315,579	639,575	1,614,907

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, November 2023
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	398,433	16,540	--	--	207,794	-10,302	16,482	478,115	117,868	0	793,749
Hydrocarbon Gas Liquids	203,485	-14,296	-728	9,995	5,502	--	-19,212	23,885	83,681	115,604	254,802
Natural Gas Liquids	203,485	-14,296	-728	1,967	5,048	--	-19,049	23,885	83,681	106,959	252,662
Ethane	82,722	--	--	342	--	--	5,858	--	12,014	65,192	72,043
Propane	63,638	-27	--	7,860	3,693	--	-7,786	--	53,586	29,364	90,122
Normal Butane	19,370	-422	--	-5,670	1,219	--	-15,602	10,651	13,433	6,015	52,013
Isobutane	13,833	-162	--	-565	133	--	-137	6,914	74	6,388	11,829
Natural Gasoline	23,922	-13,685	-728	--	3	--	-1,382	6,320	4,574	0	26,655
Refinery Olefins	--	--	--	8,028	454	--	-163	--	--	8,645	2,140
Ethylene	--	--	--	209	--	--	0	--	--	209	0
Propylene	--	--	--	8,192	373	--	181	--	--	8,384	1,526
Normal Butylene	--	--	--	-383	81	--	-361	--	--	59	575
Isobutylene	--	--	--	10	--	--	17	--	--	-7	39
Other Liquids	--	-2,244	40,819	--	29,801	6,700	1,731	48,790	16,949	7,605	324,725
Hydrogen/Biofuels/Other Hydrocarbons	--	--	40,820	--	2,052	5,553	2,044	35,666	3,108	7,607	30,770
Hydrogen	--	--	--	--	--	6,967	--	6,967	--	0	--
Biofuels (including Fuel Ethanol)	--	--	40,820	--	2,052	-1,419	2,039	28,699	3,108	7,607	30,747
Fuel Ethanol ⁵	--	--	31,603	--	--	-1,419	589	26,849	2,746	0	21,791
Biofuels (excluding Fuel Ethanol)	--	--	9,217	--	2,052	--	1,450	1,850	361	7,607	8,956
Biodiesel	--	--	3,231	--	1,239	--	149	1,350	361	2,609	3,655
Renewable Diesel Fuel	--	--	5,388	--	813	--	1,325	214	NA	4,662	4,993
Other Biofuels ⁶	--	--	599	--	--	--	-24	286	NA	337	309
Other Hydrocarbons	--	--	--	--	--	5	5	--	--	0	23
Unfinished Oils	--	-2,244	--	--	14,760	--	-1,877	5,194	9,199	0	89,684
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	-1	--	12,989	1,146	1,561	7,931	4,642	0	204,241
Reformulated	--	--	0	--	3,816	14,672	426	18,027	35	0	44,361
Conventional	--	--	-1	--	9,173	-13,525	1,136	-10,096	4,607	0	159,880
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	3	-1	--	-2	29
Finished Petroleum Products	--	--	196	572,435	16,648	272	1,987	--	88,604	498,960	242,620
Finished Motor Gasoline	--	--	198	291,227	3,807	272	1,244	--	26,965	267,295	17,292
Reformulated	--	--	--	91,052	--	-13,486	0	--	--	77,566	22
Conventional	--	--	198	200,175	3,807	13,759	1,244	--	26,965	189,729	17,270
Finished Aviation Gasoline	--	--	--	217	6	--	-71	--	--	294	1,022
Kerosene-Type Jet Fuel	--	--	0	50,993	2,651	--	-707	--	5,647	48,704	38,730
Kerosene	--	--	--	667	--	--	556	--	78	33	1,855
Distillate Fuel Oil ⁵	--	--	-2	153,029	3,873	--	3,544	--	34,848	118,508	113,161
15 ppm sulfur and under	--	--	-2	147,540	3,773	--	4,045	--	29,359	117,908	104,929
Greater than 15 to 500 ppm sulfur	--	--	0	3,143	81	--	-29	--	3,197	56	2,391
Greater than 500 ppm sulfur	--	--	0	2,346	19	--	-472	--	2,293	544	5,841
Residual Fuel Oil	--	--	--	8,715	2,741	--	-1,744	--	2,462	10,738	25,844
Less than 0.31 percent sulfur	--	--	--	1,397	370	--	-259	--	NA	NA	2,631
0.31 to 1.00 percent sulfur	--	--	--	2,407	385	--	-571	--	NA	NA	5,398
Greater than 1.00 percent sulfur	--	--	--	4,911	1,986	--	-914	--	NA	NA	17,815
Petrochemical Feedstocks	--	--	--	6,676	476	--	-122	--	1,122	6,152	2,805
Naphtha for Petro. Feed. Use	--	--	--	4,538	350	--	-66	--	--	4,954	2,003
Other Oils for Petro. Feed. Use	--	--	--	2,138	126	--	-56	--	1,122	1,198	802
Special Naphthas	--	--	--	972	506	--	-53	--	--	1,531	1,074
Lubricants	--	--	--	4,288	1,323	--	-194	--	4,255	1,550	11,049
Waxes	--	--	--	132	91	--	-4	--	118	109	573
Petroleum Coke	--	--	--	24,654	253	--	-96	--	12,481	12,522	7,336
Marketable	--	--	--	18,822	253	--	-96	--	12,481	6,690	7,336
Catalyst	--	--	--	5,832	--	--	--	--	--	5,832	--
Asphalt and Road Oil	--	--	--	9,076	921	--	-411	--	522	9,886	20,906
Still Gas	--	--	--	19,187	--	--	--	--	--	19,187	--
Miscellaneous Products	--	--	--	2,602	--	--	46	--	107	2,449	973
Total	601,918	0	40,287	582,430	259,745	-3,330	988	550,790	307,102	622,169	1,615,895

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, December 2023
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	412,547	14,636	--	--	199,075	15,998	-12,574	511,557	143,273	0	781,175
Hydrocarbon Gas Liquids	206,105	-13,184	-743	10,703	6,439	--	-31,503	24,701	86,371	129,751	223,299
Natural Gas Liquids	206,105	-13,184	-743	2,203	5,819	--	-30,732	24,701	86,371	119,860	221,930
Ethane	82,290	--	--	326	--	--	-6,247	--	11,635	77,228	65,796
Propane	65,343	-28	--	8,786	4,525	--	-10,482	--	56,502	32,606	79,640
Normal Butane	19,988	-494	--	-6,471	1,140	--	-13,057	10,984	13,486	2,750	38,956
Isobutane	14,231	-189	--	-438	149	--	-1,124	7,553	47	7,277	10,705
Natural Gasoline	24,253	-12,473	-743	--	5	--	178	6,164	4,700	0	26,833
Refinery Olefins	--	--	--	8,500	620	--	-771	--	--	9,891	1,369
Ethylene	--	--	--	191	--	--	0	--	--	191	0
Propylene	--	--	--	8,548	533	--	-617	--	--	9,698	909
Normal Butylene	--	--	--	-252	87	--	-126	--	--	-39	449
Isobutylene	--	--	--	13	--	--	-28	--	--	41	11
Other Liquids	--	-1,452	44,056	--	35,970	576	15,090	35,567	18,640	9,854	339,815
Hydrogen/Biofuels/Other Hydrocarbons	--	--	44,057	--	2,131	5,967	2,347	35,849	4,098	9,862	33,117
Hydrogen	--	--	--	--	--	7,432	--	7,432	--	0	--
Biofuels (including Fuel Ethanol)	--	--	44,057	--	2,131	-1,476	2,357	28,396	4,098	9,862	33,104
Fuel Ethanol ⁵	--	--	33,530	--	--	-1,476	1,707	26,640	3,707	0	23,498
Biofuels (excluding Fuel Ethanol)	--	--	10,528	--	2,131	--	650	1,756	391	9,862	9,606
Biodiesel	--	--	3,286	--	1,031	--	159	1,277	391	2,490	3,813
Renewable Diesel Fuel	--	--	6,493	--	1,052	--	485	205	NA	6,855	5,478
Other Biofuels ⁶	--	--	749	--	48	--	6	274	NA	517	314
Other Hydrocarbons	--	--	--	--	--	11	-10	21	--	0	13
Unfinished Oils	--	-1,452	--	--	16,995	--	-5,506	9,279	11,770	0	84,178
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	-1	--	16,844	-5,391	18,249	-9,568	2,772	0	222,490
Reformulated	--	--	0	--	5,082	13,500	6,170	12,390	22	0	50,531
Conventional	--	--	-1	--	11,762	-18,891	12,079	-21,958	2,750	0	171,959
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	1	7	--	-8	30
Finished Petroleum Products	--	--	200	594,156	20,869	6,867	19,194	--	110,221	492,677	261,814
Finished Motor Gasoline	--	--	198	294,749	3,128	6,867	935	--	31,335	272,672	18,227
Reformulated	--	--	--	91,649	--	-11,906	0	--	--	79,743	22
Conventional	--	--	198	203,100	3,128	18,773	935	--	31,335	192,929	18,205
Finished Aviation Gasoline	--	--	--	428	17	--	179	--	--	266	1,201
Kerosene-Type Jet Fuel	--	--	7	56,670	3,903	--	1,046	--	7,820	51,714	39,776
Kerosene	--	--	--	707	--	--	83	--	33	591	1,938
Distillate Fuel Oil ⁵	--	--	-4	162,565	7,050	--	17,325	--	39,343	112,943	130,486
15 ppm sulfur and under	--	--	-4	156,592	7,006	--	17,280	--	34,989	111,325	122,209
Greater than 15 to 500 ppm sulfur	--	--	0	3,931	2	--	31	--	2,738	1,164	2,422
Greater than 500 ppm sulfur	--	--	--	2,042	42	--	14	--	1,616	454	5,855
Residual Fuel Oil	--	--	--	8,909	2,782	--	-1,750	--	3,327	10,114	24,094
Less than 0.31 percent sulfur	--	--	--	1,571	491	--	-189	--	NA	NA	2,442
0.31 to 1.00 percent sulfur	--	--	--	2,994	116	--	317	--	NA	NA	5,715
Greater than 1.00 percent sulfur	--	--	--	4,344	2,175	--	-1,878	--	NA	NA	15,937
Petrochemical Feedstocks	--	--	--	6,898	400	--	-188	--	1,475	6,011	2,617
Naphtha for Petro. Feed. Use	--	--	--	4,411	307	--	-160	--	--	4,878	1,843
Other Oils for Petro. Feed. Use	--	--	--	2,487	93	--	-28	--	1,475	1,133	774
Special Naphthas	--	--	--	915	440	--	55	--	--	1,300	1,129
Lubricants	--	--	--	5,034	1,491	--	1,052	--	4,273	1,200	12,101
Waxes	--	--	--	187	143	--	83	--	107	140	656
Petroleum Coke	--	--	--	25,536	132	--	-1,414	--	21,982	5,100	5,922
Marketable	--	--	--	19,210	132	--	-1,414	--	21,982	-1,226	5,922
Catalyst	--	--	--	6,326	--	--	--	--	--	6,326	--
Asphalt and Road Oil	--	--	--	8,621	1,383	--	1,845	--	418	7,741	22,751
Still Gas	--	--	--	20,228	--	--	--	--	--	20,228	--
Miscellaneous Products	--	--	--	2,709	--	--	-57	--	108	2,658	916
Total	618,652	0	43,513	604,859	262,353	23,441	-9,793	571,825	358,505	632,282	1,606,102

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 2. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January 2023
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³
Crude Oil⁴	12,611	474	--	--	6,300	34	923	15,087	3,409	0
Hydrocarbon Gas Liquids	6,041	-401	-23	352	231	--	-750	743	2,555	3,651
Natural Gas Liquids	6,041	-401	-23	121	213	--	-750	743	2,555	3,402
Ethane	2,448	--	--	3	--	--	-34	--	486	1,999
Propane	1,913	-1	--	266	166	--	-261	--	1,459	1,147
Normal Butane	572	-17	--	-139	40	--	-375	334	442	55
Isobutane	429	-7	--	-10	6	--	-6	219	4	201
Natural Gasoline	679	-377	-23	--	0	--	-74	190	163	0
Refinery Olefins	--	--	--	231	18	--	0	--	--	249
Ethylene	--	--	--	0	--	--	0	--	--	0
Propylene	--	--	--	233	15	--	-12	--	--	260
Normal Butylene	--	--	--	-4	3	--	12	--	--	-13
Isobutylene	--	--	--	1	--	--	0	--	--	1
Other Liquids	--	-73	1,255	--	1,067	157	557	1,255	395	199
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,255	--	50	157	65	1,103	95	200
Hydrogen	--	--	--	--	--	209	--	209	--	0
Biofuels (including Fuel Ethanol)	--	--	1,255	--	50	-53	65	893	95	200
Fuel Ethanol ⁵	--	--	1,002	--	--	-53	32	827	90	0
Biofuels (excluding Fuel Ethanol)	--	--	253	--	50	--	33	66	5	200
Biodiesel	--	--	106	--	30	--	26	41	5	63
Renewable Diesel Fuel	--	--	129	--	20	--	9	12	NA	128
Other Biofuels ⁶	--	--	19	--	--	--	-1	12	NA	8
Other Hydrocarbons	--	--	--	--	0	1	0	1	--	0
Unfinished Oils	--	-73	--	--	526	--	-29	280	202	0
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	491	0	521	-128	98	0
Reformulated	--	--	0	--	143	376	122	396	1	0
Conventional	--	--	0	--	348	-376	399	-524	97	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	1	--	0
Finished Petroleum Products	--	--	6	17,765	831	53	262	--	2,889	15,503
Finished Motor Gasoline	--	--	6	8,951	108	53	-30	--	857	8,291
Reformulated	--	--	--	2,773	--	-351	0	--	--	2,422
Conventional	--	--	6	6,178	108	404	-30	--	857	5,869
Finished Aviation Gasoline	--	--	--	7	0	--	1	--	--	6
Kerosene-Type Jet Fuel	--	--	0	1,623	115	--	17	--	194	1,528
Kerosene	--	--	--	15	0	--	-24	--	10	28
Distillate Fuel Oil ⁵	--	--	0	4,702	290	--	122	--	903	3,967
15 ppm sulfur and under	--	--	0	4,524	286	--	147	--	756	3,908
Greater than 15 to 500 ppm sulfur	--	--	0	93	0	--	-5	--	96	2
Greater than 500 ppm sulfur	--	--	--	85	4	--	-19	--	52	57
Residual Fuel Oil	--	--	--	261	165	--	44	--	106	276
Less than 0.31 percent sulfur	--	--	--	44	10	--	-1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	90	33	--	23	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	128	122	--	21	--	NA	NA
Petrochemical Feedstocks	--	--	--	219	16	--	8	--	42	184
Naphtha for Petro. Feed. Use	--	--	--	139	9	--	7	--	--	142
Other Oils for Petro. Feed. Use	--	--	--	79	6	--	2	--	42	42
Special Naphthas	--	--	--	29	20	--	1	--	--	48
Lubricants	--	--	--	157	40	--	-11	--	93	115
Waxes	--	--	--	3	4	--	-1	--	4	4
Petroleum Coke	--	--	--	786	16	--	24	--	651	127
Marketable	--	--	--	602	16	--	24	--	651	-57
Catalyst	--	--	--	184	--	--	--	--	--	184
Asphalt and Road Oil	--	--	--	305	57	--	109	--	25	227
Still Gas	--	--	--	624	--	--	--	--	--	624
Miscellaneous Products	--	--	--	82	--	--	1	--	3	78
Total	18,652	0	1,238	18,116	8,429	244	992	17,085	9,248	19,353

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 2. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, February 2023
(Thousand Barrels per Day)

Commodity	Supply						Disposition				
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	12,591	334	--	--	6,631	155	472	15,126	4,113	0	
Hydrocarbon Gas Liquids	6,118	-327	-23	410	233	--	-472	686	2,589	3,607	
Natural Gas Liquids	6,118	-327	-23	190	212	--	-471	686	2,589	3,367	
Ethane	2,541	--	--	5	--	--	-13	--	458	2,101	
Propane	1,915	-1	--	269	172	--	-289	--	1,578	1,066	
Normal Butane	580	-16	--	-65	34	--	-115	275	374	-1	
Isobutane	415	-6	--	-18	6	--	-29	222	4	200	
Natural Gasoline	667	-304	-23	--	0	--	-24	189	175	0	
Refinery Olefins	--	--	--	219	21	--	-1	--	--	241	
Ethylene	--	--	--	--	--	--	0	--	--	0	
Propylene	--	--	--	226	15	--	-4	--	--	245	
Normal Butylene	--	--	--	-7	6	--	4	--	--	-4	
Isobutylene	--	--	--	--	--	--	0	--	--	0	
Other Liquids	--	-7	1,254	--	1,161	120	227	1,682	407	212	
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,254	--	54	196	59	1,135	96	213	
Hydrogen	--	--	--	--	--	195	--	195	--	0	
Biofuels (including Fuel Ethanol)	--	--	1,254	--	54	0	59	940	96	213	
Fuel Ethanol ⁵	--	--	999	--	--	0	37	871	91	0	
Biofuels (excluding Fuel Ethanol)	--	--	255	--	54	--	21	69	5	213	
Biodiesel	--	--	101	--	34	--	17	45	5	68	
Renewable Diesel Fuel	--	--	134	--	20	--	0	15	NA	139	
Other Biofuels ⁶	--	--	19	--	--	--	4	9	NA	6	
Other Hydrocarbons	--	--	--	--	--	0	0	0	--	0	
Unfinished Oils	--	-7	--	--	556	--	77	199	272	0	
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	552	-75	91	347	39	0	
Reformulated	--	--	0	--	155	390	-115	658	2	0	
Conventional	--	--	0	--	397	-465	206	-311	37	0	
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	1	--	-1	
Finished Petroleum Products	--	--	6	18,038	904	75	234	--	2,668	16,122	
Finished Motor Gasoline	--	--	6	9,317	76	75	16	--	764	8,695	
Reformulated	--	--	--	2,928	--	-348	0	--	--	2,580	
Conventional	--	--	6	6,389	76	423	16	--	764	6,115	
Finished Aviation Gasoline	--	--	--	12	1	--	2	--	--	11	
Kerosene-Type Jet Fuel	--	--	0	1,566	188	--	60	--	178	1,516	
Kerosene	--	--	--	15	--	--	-5	--	1	19	
Distillate Fuel Oil ⁵	--	--	0	4,697	300	--	70	--	928	3,999	
15 ppm sulfur and under	--	--	0	4,469	299	--	81	--	755	3,932	
Greater than 15 to 500 ppm sulfur	--	--	0	90	0	--	-2	--	90	2	
Greater than 500 ppm sulfur	--	--	--	138	1	--	-9	--	83	65	
Residual Fuel Oil	--	--	--	276	202	--	-28	--	123	384	
Less than 0.31 percent sulfur	--	--	--	47	17	--	8	--	NA	NA	
0.31 to 1.00 percent sulfur	--	--	--	92	83	--	3	--	NA	NA	
Greater than 1.00 percent sulfur	--	--	--	137	103	--	-39	--	NA	NA	
Petrochemical Feedstocks	--	--	--	199	16	--	3	--	44	168	
Naphtha for Petro. Feed. Use	--	--	--	106	9	--	2	--	--	113	
Other Oils for Petro. Feed. Use	--	--	--	93	7	--	1	--	44	56	
Special Naphthas	--	--	--	29	7	--	-1	--	--	36	
Lubricants	--	--	--	143	51	--	0	--	81	113	
Waxes	--	--	--	5	3	--	0	--	5	3	
Petroleum Coke	--	--	--	773	10	--	18	--	526	239	
Marketable	--	--	--	594	10	--	18	--	526	60	
Catalyst	--	--	--	179	--	--	--	--	--	179	
Asphalt and Road Oil	--	--	--	312	50	--	100	--	18	244	
Still Gas	--	--	--	611	--	--	--	--	--	611	
Miscellaneous Products	--	--	--	84	--	--	-1	--	2	83	
Total	18,708	0	1,237	18,448	8,929	351	461	17,493	9,777	19,942	

-- = Not Applicable.
- = No Data Reported.
NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.
² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).
³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.
⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.
⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.
⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.
Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.
Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 2. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, March 2023
(Thousand Barrels per Day)

Commodity	Supply						Disposition				
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	12,815	448	--	--	6,303	115	-244	15,513	4,413	0	
Hydrocarbon Gas Liquids	6,351	-347	-23	633	202	--	-24	555	2,943	3,342	
Natural Gas Liquids	6,351	-347	-23	393	183	--	-22	555	2,943	3,080	
Ethane	2,679	--	--	9	--	--	76	--	503	2,108	
Propane	1,962	-1	--	278	139	--	-170	--	1,807	742	
Normal Butane	595	-16	--	111	33	--	23	158	479	63	
Isobutane	426	-6	--	-6	11	--	27	225	5	167	
Natural Gasoline	690	-324	-23	--	0	--	23	172	148	0	
Refinery Olefins	--	--	--	240	19	--	-2	--	--	262	
Ethylene	--	--	--	0	--	--	0	--	--	0	
Propylene	--	--	--	247	14	--	10	--	--	252	
Normal Butylene	--	--	--	-7	5	--	-12	--	--	10	
Isobutylene	--	--	--	--	--	--	0	--	--	0	
Other Liquids	--	-100	1,265	--	1,081	105	-471	2,099	485	237	
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,265	--	55	148	-23	1,156	99	237	
Hydrogen	--	--	--	--	--	196	--	196	--	0	
Biofuels (including Fuel Ethanol)	--	--	1,265	--	55	-48	-24	960	99	237	
Fuel Ethanol ⁵	--	--	987	--	--	-48	-43	891	91	0	
Biofuels (excluding Fuel Ethanol)	--	--	278	--	55	--	19	69	8	237	
Biodiesel	--	--	107	--	30	--	8	47	8	73	
Renewable Diesel Fuel	--	--	152	--	25	--	12	15	NA	151	
Other Biofuels ⁶	--	--	19	--	--	--	0	7	NA	13	
Other Hydrocarbons	--	--	--	--	--	0	0	0	--	0	
Unfinished Oils	--	-100	--	--	526	--	39	96	291	0	
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	500	-43	-486	847	95	0	
Reformulated	--	--	0	--	143	407	9	539	1	0	
Conventional	--	--	0	--	356	-450	-496	308	94	0	
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0	
Finished Petroleum Products	--	--	7	18,458	657	91	-460	--	3,044	16,628	
Finished Motor Gasoline	--	--	7	9,607	94	91	-76	--	798	9,077	
Reformulated	--	--	--	2,960	--	-343	0	--	--	2,616	
Conventional	--	--	7	6,648	94	435	-76	--	798	6,461	
Finished Aviation Gasoline	--	--	--	5	0	--	-7	--	--	12	
Kerosene-Type Jet Fuel	--	--	0	1,679	145	--	17	--	194	1,613	
Kerosene	--	--	--	5	--	--	0	--	2	4	
Distillate Fuel Oil ⁵	--	--	0	4,682	155	--	-418	--	1,143	4,113	
15 ppm sulfur and under	--	--	0	4,446	154	--	-412	--	977	4,035	
Greater than 15 to 500 ppm sulfur	--	--	0	121	0	--	10	--	110	1	
Greater than 500 ppm sulfur	--	--	--	116	1	--	-16	--	55	77	
Residual Fuel Oil	--	--	--	276	110	--	-57	--	216	227	
Less than 0.31 percent sulfur	--	--	--	43	17	--	-2	--	NA	NA	
0.31 to 1.00 percent sulfur	--	--	--	91	18	--	-1	--	NA	NA	
Greater than 1.00 percent sulfur	--	--	--	142	75	--	-54	--	NA	NA	
Petrochemical Feedstocks	--	--	--	239	16	--	6	--	37	213	
Naphtha for Petro. Feed. Use	--	--	--	139	10	--	6	--	--	144	
Other Oils for Petro. Feed. Use	--	--	--	100	6	--	1	--	37	69	
Special Naphthas	--	--	--	31	17	--	-1	--	--	48	
Lubricants	--	--	--	127	43	--	-19	--	129	60	
Waxes	--	--	--	5	5	--	1	--	4	4	
Petroleum Coke	--	--	--	773	9	--	-6	--	503	285	
Marketable	--	--	--	589	9	--	-6	--	503	101	
Catalyst	--	--	--	185	--	--	--	--	--	185	
Asphalt and Road Oil	--	--	--	318	63	--	107	--	17	258	
Still Gas	--	--	--	629	--	--	--	--	--	629	
Miscellaneous Products	--	--	--	80	--	--	-7	--	2	84	
Total	19,167	0	1,249	19,091	8,243	311	-1,198	18,167	10,885	20,207	

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

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⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

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Table 2. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, April 2023
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³
Crude Oil⁴	12,680	527	--	--	6,220	114	-435	15,840	4,137	0
Hydrocarbon Gas Liquids	6,445	-420	-22	807	142	--	466	498	2,632	3,355
Natural Gas Liquids	6,445	-420	-22	538	124	--	469	498	2,632	3,067
Ethane	2,699	--	--	5	--	--	75	--	497	2,133
Propane	1,988	-1	--	286	82	--	180	--	1,526	649
Normal Butane	606	-15	--	263	32	--	223	93	461	109
Isobutane	435	-6	--	-16	10	--	23	220	4	176
Natural Gasoline	718	-398	-22	--	0	--	-32	184	144	0
Refinery Olefins	--	--	--	268	17	--	-3	--	--	289
Ethylene	--	--	--	0	--	--	0	--	--	0
Propylene	--	--	--	261	14	--	4	--	--	270
Normal Butylene	--	--	--	7	3	--	-8	--	--	18
Isobutylene	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-107	1,254	--	1,424	281	-21	2,155	485	233
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,254	--	47	204	-30	1,169	133	234
Hydrogen	--	--	--	--	--	207	--	207	--	0
Biofuels (including Fuel Ethanol)	--	--	1,254	--	47	-3	-30	962	133	234
Fuel Ethanol ⁵	--	--	972	--	--	-3	-27	900	95	0
Biofuels (excluding Fuel Ethanol)	--	--	282	--	47	--	-3	61	38	234
Biodiesel	--	--	106	--	33	--	-6	49	38	58
Renewable Diesel Fuel	--	--	161	--	14	--	4	9	NA	162
Other Biofuels ⁶	--	--	16	--	--	--	-1	3	NA	14
Other Hydrocarbons	--	--	--	--	--	0	0	--	--	0
Unfinished Oils	--	-107	--	--	638	--	102	117	313	0
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	738	77	-94	870	39	0
Reformulated	--	--	0	--	146	189	-65	398	2	0
Conventional	--	--	0	--	592	-112	-29	472	37	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	1	0	--	0
Finished Petroleum Products	--	--	6	18,695	715	-74	262	--	2,697	16,383
Finished Motor Gasoline	--	--	6	9,684	151	-74	42	--	781	8,944
Reformulated	--	--	--	3,002	--	-140	0	--	--	2,861
Conventional	--	--	6	6,682	151	67	42	--	781	6,083
Finished Aviation Gasoline	--	--	--	9	0	--	-1	--	--	9
Kerosene-Type Jet Fuel	--	--	0	1,702	138	--	107	--	128	1,606
Kerosene	--	--	--	3	--	--	-8	--	1	10
Distillate Fuel Oil ⁵	--	--	0	4,743	156	--	1	--	1,020	3,879
15 ppm sulfur and under	--	--	0	4,528	155	--	-30	--	897	3,817
Greater than 15 to 500 ppm sulfur	--	--	0	130	0	--	-12	--	83	60
Greater than 500 ppm sulfur	--	--	--	85	0	--	43	--	40	2
Residual Fuel Oil	--	--	--	287	100	--	93	--	117	178
Less than 0.31 percent sulfur	--	--	--	45	10	--	15	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	84	24	--	48	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	158	66	--	31	--	NA	NA
Petrochemical Feedstocks	--	--	--	253	26	--	-8	--	28	258
Naphtha for Petro. Feed. Use	--	--	--	130	20	--	-6	--	--	156
Other Oils for Petro. Feed. Use	--	--	--	122	6	--	-2	--	28	102
Special Naphthas	--	--	--	28	22	--	2	--	--	48
Lubricants	--	--	--	155	54	--	20	--	109	81
Waxes	--	--	--	5	4	--	1	--	4	4
Petroleum Coke	--	--	--	798	5	--	-4	--	488	318
Marketable	--	--	--	605	5	--	-4	--	488	125
Catalyst	--	--	--	193	--	--	--	--	--	193
Asphalt and Road Oil	--	--	--	302	59	--	17	--	20	325
Still Gas	--	--	--	645	--	--	--	--	--	645
Miscellaneous Products	--	--	--	82	--	--	0	--	3	79
Total	19,126	0	1,238	19,501	8,501	321	272	18,493	9,951	19,972

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 2. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, May 2023
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³
Crude Oil⁴	12,730	336	--	--	6,465	262	-269	16,215	3,846	0
Hydrocarbon Gas Liquids	6,429	-375	-24	843	128	--	617	475	2,585	3,324
Natural Gas Liquids	6,429	-375	-24	570	110	--	616	475	2,585	3,034
Ethane	2,650	--	--	4	--	--	-80	--	466	2,267
Propane	1,985	-1	--	288	66	--	337	--	1,527	474
Normal Butane	613	-15	--	286	36	--	331	43	409	137
Isobutane	435	-6	--	-7	8	--	37	231	6	156
Natural Gasoline	746	-354	-24	--	0	--	-10	202	177	0
Refinery Olefins	--	--	--	273	19	--	1	--	--	290
Ethylene	--	--	--	0	--	--	0	--	--	0
Propylene	--	--	--	256	16	--	-4	--	--	276
Normal Butylene	--	--	--	16	3	--	6	--	--	13
Isobutylene	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	39	1,305	--	1,211	441	-254	2,387	551	312
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,305	--	64	208	-65	1,219	111	312
Hydrogen	--	--	--	--	--	223	--	223	--	0
Biofuels (including Fuel Ethanol)	--	--	1,305	--	64	-16	-65	994	111	312
Fuel Ethanol ⁵	--	--	994	--	--	-16	-34	926	86	0
Biofuels (excluding Fuel Ethanol)	--	--	311	--	64	--	-30	68	24	312
Biodiesel	--	--	119	--	27	--	-15	51	24	86
Renewable Diesel Fuel	--	--	173	--	37	--	-14	13	NA	211
Other Biofuels ⁶	--	--	19	--	--	--	-1	4	NA	16
Other Hydrocarbons	--	--	--	--	--	0	0	1	--	0
Unfinished Oils	--	39	--	--	487	--	-97	272	352	0
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	660	233	-92	896	88	0
Reformulated	--	--	0	--	160	161	36	284	2	0
Conventional	--	--	0	--	500	72	-127	613	87	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	-1
Finished Petroleum Products	--	--	7	19,166	744	-217	70	--	2,942	16,687
Finished Motor Gasoline	--	--	7	9,877	200	-217	43	--	744	9,080
Reformulated	--	--	--	3,058	--	-114	0	--	--	2,944
Conventional	--	--	7	6,819	200	-103	44	--	744	6,136
Finished Aviation Gasoline	--	--	--	10	0	--	-4	--	--	14
Kerosene-Type Jet Fuel	--	--	0	1,691	153	--	45	--	129	1,670
Kerosene	--	--	0	19	1	--	5	--	0	15
Distillate Fuel Oil ⁵	--	--	0	4,948	168	--	34	--	1,163	3,919
15 ppm sulfur and under	--	--	0	4,739	168	--	27	--	989	3,891
Greater than 15 to 500 ppm sulfur	--	--	0	154	0	--	24	--	128	2
Greater than 500 ppm sulfur	--	--	0	55	0	--	-17	--	46	25
Residual Fuel Oil	--	--	--	278	87	--	26	--	125	214
Less than 0.31 percent sulfur	--	--	--	40	--	--	4	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	82	7	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	156	79	--	22	--	NA	NA
Petrochemical Feedstocks	--	--	--	233	29	--	-5	--	20	247
Naphtha for Petro. Feed. Use	--	--	--	130	23	--	-5	--	--	157
Other Oils for Petro. Feed. Use	--	--	--	103	6	--	-1	--	20	90
Special Naphthas	--	--	--	28	15	--	4	--	--	39
Lubricants	--	--	--	163	48	--	-18	--	132	97
Waxes	--	--	--	5	4	--	2	--	4	3
Petroleum Coke	--	--	--	806	1	--	-27	--	610	223
Marketable	--	--	--	612	1	--	-27	--	610	30
Catalyst	--	--	--	193	--	--	--	--	--	193
Asphalt and Road Oil	--	--	--	343	38	--	-39	--	11	409
Still Gas	--	--	--	677	--	--	--	--	--	677
Miscellaneous Products	--	--	--	89	--	--	5	--	3	81
Total	19,158	0	1,288	20,009	8,548	486	165	19,077	9,924	20,323

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 2. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, June 2023
(Thousand Barrels per Day)

Commodity	Supply						Disposition				
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	12,866	551	--	--	6,518	-53	-438	16,406	3,913	0	
Hydrocarbon Gas Liquids	6,408	-332	-24	847	130	--	622	501	2,622	3,285	
Natural Gas Liquids	6,408	-332	-24	595	113	--	618	501	2,622	3,018	
Ethane	2,582	--	--	4	--	--	-91	--	512	2,165	
Propane	1,997	-1	--	284	70	--	271	--	1,529	550	
Normal Butane	625	-13	--	322	35	--	385	63	403	117	
Isobutane	429	-5	--	-15	8	--	-8	234	2	187	
Natural Gasoline	775	-313	-24	--	0	--	60	204	175	0	
Refinery Olefins	--	--	--	252	18	--	4	--	--	266	
Ethylene	--	--	--	0	--	--	0	--	--	0	
Propylene	--	--	--	252	15	--	0	--	--	267	
Normal Butylene	--	--	--	0	3	--	4	--	--	-1	
Isobutylene	--	--	--	0	--	--	0	--	--	0	
Other Liquids	--	-219	1,359	--	1,528	189	-121	2,194	488	298	
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,359	--	57	176	-47	1,224	116	298	
Hydrogen	--	--	--	--	--	226	--	226	--	0	
Biofuels (including Fuel Ethanol)	--	--	1,359	--	57	-51	-47	997	116	298	
Fuel Ethanol ⁵	--	--	1,036	--	--	-51	-26	924	89	0	
Biofuels (excluding Fuel Ethanol)	--	--	323	--	57	--	-20	74	28	298	
Biodiesel	--	--	120	--	34	--	-16	49	28	93	
Renewable Diesel Fuel	--	--	183	--	23	--	-5	19	NA	192	
Other Biofuels ⁶	--	--	20	--	0	--	1	6	NA	13	
Other Hydrocarbons	--	--	--	--	--	1	0	1	--	0	
Unfinished Oils	--	-219	--	--	661	--	-54	197	300	0	
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	810	13	-20	772	71	0	
Reformulated	--	--	0	--	141	184	72	253	1	0	
Conventional	--	--	0	--	669	-172	-92	519	71	0	
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	1	--	0	
Finished Petroleum Products	--	--	7	19,303	684	38	-202	--	3,061	17,173	
Finished Motor Gasoline	--	--	7	9,930	140	38	17	--	732	9,366	
Reformulated	--	--	--	3,045	--	-102	0	--	--	2,943	
Conventional	--	--	7	6,885	140	140	17	--	732	6,423	
Finished Aviation Gasoline	--	--	--	12	0	--	-3	--	--	14	
Kerosene-Type Jet Fuel	--	--	0	1,776	144	--	2	--	163	1,755	
Kerosene	--	--	--	10	--	--	3	--	2	5	
Distillate Fuel Oil ⁵	--	--	0	4,976	138	--	-26	--	1,162	3,978	
15 ppm sulfur and under	--	--	0	4,849	138	--	0	--	1,051	3,935	
Greater than 15 to 500 ppm sulfur	--	--	0	84	0	--	-16	--	60	40	
Greater than 500 ppm sulfur	--	--	--	43	0	--	-9	--	50	2	
Residual Fuel Oil	--	--	--	230	103	--	-89	--	149	273	
Less than 0.31 percent sulfur	--	--	--	19	10	--	-10	--	NA	NA	
0.31 to 1.00 percent sulfur	--	--	--	81	26	--	-25	--	NA	NA	
Greater than 1.00 percent sulfur	--	--	--	129	68	--	-54	--	NA	NA	
Petrochemical Feedstocks	--	--	--	220	18	--	7	--	48	184	
Naphtha for Petro. Feed. Use	--	--	--	113	12	--	1	--	--	125	
Other Oils for Petro. Feed. Use	--	--	--	106	6	--	6	--	48	59	
Special Naphthas	--	--	--	19	20	--	-6	--	--	45	
Lubricants	--	--	--	140	45	--	-19	--	108	95	
Waxes	--	--	--	6	3	--	0	--	4	5	
Petroleum Coke	--	--	--	839	21	--	-17	--	673	204	
Marketable	--	--	--	641	21	--	-17	--	673	6	
Catalyst	--	--	--	198	--	--	--	--	--	198	
Asphalt and Road Oil	--	--	--	362	50	--	-76	--	18	470	
Still Gas	--	--	--	696	--	--	--	--	--	696	
Miscellaneous Products	--	--	--	89	--	--	3	--	3	83	
Total	19,274	0	1,342	20,150	8,860	174	-139	19,101	10,084	20,755	

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 2. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, July 2023
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³
Crude Oil⁴	12,935	567	--	--	6,305	276	-467	16,628	3,923	0
Hydrocarbon Gas Liquids	6,506	-385	-24	809	132	--	555	469	2,565	3,449
Natural Gas Liquids	6,506	-385	-24	567	115	--	555	469	2,565	3,190
Ethane	2,597	--	--	7	--	--	-103	--	495	2,212
Propane	2,029	-1	--	289	70	--	241	--	1,551	595
Normal Butane	633	-12	--	292	36	--	336	67	383	163
Isobutane	443	-5	--	-22	9	--	-29	230	5	220
Natural Gasoline	805	-368	-24	--	0	--	110	172	130	0
Refinery Olefins	--	--	--	242	17	--	0	--	--	259
Ethylene	--	--	--	0	--	--	0	--	--	0
Propylene	--	--	--	255	15	--	3	--	--	266
Normal Butylene	--	--	--	-13	3	--	-3	--	--	-8
Isobutylene	--	--	--	0	--	--	0	--	--	0
Other Liquids	--	-182	1,329	--	1,268	382	63	1,953	521	260
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,329	--	50	217	29	1,198	109	261
Hydrogen	--	--	--	--	--	229	--	229	--	0
Biofuels (including Fuel Ethanol)	--	--	1,329	--	50	-12	29	969	109	261
Fuel Ethanol ⁵	--	--	1,033	--	--	-12	24	910	86	0
Biofuels (excluding Fuel Ethanol)	--	--	296	--	50	--	5	58	22	261
Biodiesel	--	--	117	--	23	--	-8	46	22	80
Renewable Diesel Fuel	--	--	164	--	25	--	16	8	NA	165
Other Biofuels ⁶	--	--	15	--	2	--	-3	5	NA	15
Other Hydrocarbons	--	--	--	--	--	0	0	0	--	0
Unfinished Oils	--	-182	--	--	565	--	-4	87	300	0
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	652	165	39	667	112	0
Reformulated	--	--	0	--	144	29	2	171	0	0
Conventional	--	--	0	--	508	136	37	496	111	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	1	--	-1
Finished Petroleum Products	--	--	8	19,284	584	-153	79	--	3,311	16,334
Finished Motor Gasoline	--	--	7	9,828	97	-153	-77	--	876	8,979
Reformulated	--	--	--	2,979	--	-29	0	--	--	2,951
Conventional	--	--	7	6,848	97	-124	-77	--	876	6,028
Finished Aviation Gasoline	--	--	--	13	2	--	1	--	--	14
Kerosene-Type Jet Fuel	--	--	1	1,780	128	--	5	--	150	1,753
Kerosene	--	--	--	18	--	--	4	--	1	13
Distillate Fuel Oil ⁵	--	--	0	4,978	118	--	251	--	1,262	3,583
15 ppm sulfur and under	--	--	0	4,846	118	--	256	--	1,129	3,580
Greater than 15 to 500 ppm sulfur	--	--	0	89	0	--	-13	--	101	1
Greater than 500 ppm sulfur	--	--	--	43	0	--	9	--	32	2
Residual Fuel Oil	--	--	--	264	78	--	-63	--	155	251
Less than 0.31 percent sulfur	--	--	--	18	--	--	-13	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	85	5	--	-32	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	161	73	--	-18	--	NA	NA
Petrochemical Feedstocks	--	--	--	217	16	--	-4	--	27	211
Naphtha for Petro. Feed. Use	--	--	--	123	12	--	-1	--	--	136
Other Oils for Petro. Feed. Use	--	--	--	94	4	--	-3	--	27	74
Special Naphthas	--	--	--	31	27	--	3	--	--	54
Lubricants	--	--	--	154	44	--	-13	--	116	94
Waxes	--	--	--	5	5	--	-1	--	4	7
Petroleum Coke	--	--	--	844	0	--	25	--	702	117
Marketable	--	--	--	643	0	--	25	--	702	-83
Catalyst	--	--	--	200	--	--	--	--	--	200
Asphalt and Road Oil	--	--	--	354	69	--	-53	--	16	460
Still Gas	--	--	--	707	--	--	--	--	--	707
Miscellaneous Products	--	--	--	91	--	--	-1	--	2	89
Total	19,441	0	1,313	20,093	8,290	505	231	19,049	10,319	20,043

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 2. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, August 2023
(Thousand Barrels per Day)

Commodity	Supply						Disposition				
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	13,047	674	--	--	6,989	-253	-638	16,689	4,406	0	
Hydrocarbon Gas Liquids	6,631	-450	-24	826	145	--	776	521	2,601	3,229	
Natural Gas Liquids	6,631	-450	-24	571	127	--	777	521	2,601	2,954	
Ethane	2,643	--	--	5	--	--	88	--	509	2,051	
Propane	2,056	-1	--	288	82	--	312	--	1,484	629	
Normal Butane	657	-10	--	295	35	--	351	75	461	88	
Isobutane	436	-4	--	-17	9	--	4	234	2	185	
Natural Gasoline	840	-436	-24	--	0	--	22	213	146	0	
Refinery Olefins	--	--	--	255	19	--	-1	--	--	275	
Ethylene	--	--	--	1	--	--	0	--	--	1	
Propylene	--	--	--	255	16	--	-1	--	--	272	
Normal Butylene	--	--	--	-2	3	--	-1	--	--	2	
Isobutylene	--	--	--	1	--	--	1	--	--	0	
Other Liquids	--	-224	1,317	--	1,278	211	-156	1,989	461	289	
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,317	--	72	189	-41	1,235	95	289	
Hydrogen	--	--	--	--	--	229	--	229	--	0	
Biofuels (including Fuel Ethanol)	--	--	1,317	--	72	-41	-41	1,006	95	289	
Fuel Ethanol ⁵	--	--	1,004	--	8	-41	-41	935	77	0	
Biofuels (excluding Fuel Ethanol)	--	--	313	--	64	--	-1	71	18	289	
Biodiesel	--	--	111	--	32	--	-4	48	18	81	
Renewable Diesel Fuel	--	--	185	--	32	--	0	18	NA	200	
Other Biofuels ⁶	--	--	17	--	0	--	3	5	NA	8	
Other Hydrocarbons	--	--	--	--	--	1	0	0	--	0	
Unfinished Oils	--	-224	--	--	484	--	-25	11	275	0	
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	721	22	-90	742	92	0	
Reformulated	--	--	0	--	106	122	-197	425	0	0	
Conventional	--	--	0	--	615	-100	107	317	91	0	
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	1	--	-1	
Finished Petroleum Products	--	--	8	19,445	526	18	-256	--	3,002	17,251	
Finished Motor Gasoline	--	--	7	9,912	84	18	34	--	743	9,244	
Reformulated	--	--	--	3,064	--	-54	0	--	--	3,010	
Conventional	--	--	7	6,848	84	73	34	--	743	6,235	
Finished Aviation Gasoline	--	--	--	13	1	--	0	--	--	15	
Kerosene-Type Jet Fuel	--	--	0	1,824	94	--	1	--	210	1,708	
Kerosene	--	--	--	11	2	--	1	--	11	1	
Distillate Fuel Oil ⁵	--	--	0	5,018	133	--	-108	--	1,207	4,052	
15 ppm sulfur and under	--	--	0	4,852	133	--	-110	--	1,048	4,048	
Greater than 15 to 500 ppm sulfur	--	--	0	115	0	--	7	--	106	2	
Greater than 500 ppm sulfur	--	--	--	51	0	--	-4	--	53	2	
Residual Fuel Oil	--	--	--	269	72	--	-82	--	103	321	
Less than 0.31 percent sulfur	--	--	--	22	--	--	-8	--	NA	NA	
0.31 to 1.00 percent sulfur	--	--	--	81	24	--	-13	--	NA	NA	
Greater than 1.00 percent sulfur	--	--	--	166	48	--	-61	--	NA	NA	
Petrochemical Feedstocks	--	--	--	214	14	--	9	--	46	174	
Naphtha for Petro. Feed. Use	--	--	--	130	9	--	5	--	--	133	
Other Oils for Petro. Feed. Use	--	--	--	84	5	--	3	--	46	40	
Special Naphthas	--	--	--	32	12	--	0	--	--	43	
Lubricants	--	--	--	154	38	--	13	--	98	81	
Waxes	--	--	--	4	5	--	-1	--	4	5	
Petroleum Coke	--	--	--	830	7	--	-29	--	557	308	
Marketable	--	--	--	627	7	--	-29	--	557	105	
Catalyst	--	--	--	203	--	--	--	--	--	203	
Asphalt and Road Oil	--	--	--	373	64	--	-99	--	22	513	
Still Gas	--	--	--	704	--	--	--	--	--	704	
Miscellaneous Products	--	--	--	87	--	--	4	--	1	81	
Total	19,678	0	1,301	20,271	8,938	-23	-274	19,200	10,471	20,768	

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 2. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, September 2023
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³
Crude Oil⁴	13,177	690	--	--	6,683	-124	50	16,239	4,137	0
Hydrocarbon Gas Liquids	6,795	-488	-23	613	147	--	341	682	2,746	3,276
Natural Gas Liquids	6,795	-488	-23	371	129	--	339	682	2,746	3,017
Ethane	2,767	--	--	6	--	--	209	--	510	2,054
Propane	2,079	-1	--	274	83	--	168	--	1,636	631
Normal Butane	655	-13	--	116	37	--	-30	227	477	120
Isobutane	455	-5	--	-24	9	--	1	221	0	213
Natural Gasoline	840	-469	-23	--	0	--	-8	234	122	0
Refinery Olefins	--	--	--	242	18	--	2	--	--	258
Ethylene	--	--	--	1	--	--	0	--	--	1
Propylene	--	--	--	245	15	--	1	--	--	260
Normal Butylene	--	--	--	-5	3	--	2	--	--	-4
Isobutylene	--	--	--	1	--	--	-1	--	--	2
Other Liquids	--	-203	1,337	--	1,146	485	390	1,556	514	305
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,337	--	70	220	17	1,193	110	306
Hydrogen	--	--	--	--	--	229	--	229	--	0
Biofuels (including Fuel Ethanol)	--	--	1,337	--	70	-10	17	964	110	306
Fuel Ethanol ⁵	--	--	1,003	--	13	-10	12	898	97	0
Biofuels (excluding Fuel Ethanol)	--	--	333	--	56	--	5	66	14	306
Biodiesel	--	--	115	--	43	--	0	48	14	95
Renewable Diesel Fuel	--	--	199	--	14	--	6	12	NA	194
Other Biofuels ⁶	--	--	20	--	--	--	-1	5	NA	16
Other Hydrocarbons	--	--	--	--	--	0	0	0	--	0
Unfinished Oils	--	-203	--	--	478	--	69	-132	338	0
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	599	266	304	494	66	0
Reformulated	--	--	0	--	133	382	127	388	0	0
Conventional	--	--	0	--	465	-116	177	106	66	0
Aviation Gasoline Blend. Comp.	--	--	--	--	0	--	0	1	--	-1
Finished Petroleum Products	--	--	7	18,935	648	-256	46	--	2,715	16,574
Finished Motor Gasoline	--	--	7	9,682	159	-256	-13	--	761	8,843
Reformulated	--	--	--	2,990	--	-328	0	--	--	2,661
Conventional	--	--	7	6,692	159	72	-13	--	761	6,182
Finished Aviation Gasoline	--	--	--	12	2	--	7	--	--	7
Kerosene-Type Jet Fuel	--	--	0	1,750	109	--	28	--	139	1,691
Kerosene	--	--	--	15	--	--	-2	--	5	11
Distillate Fuel Oil ⁵	--	--	0	4,897	119	--	80	--	1,078	3,858
15 ppm sulfur and under	--	--	0	4,732	119	--	87	--	917	3,846
Greater than 15 to 500 ppm sulfur	--	--	0	98	0	--	3	--	85	11
Greater than 500 ppm sulfur	--	--	--	67	0	--	-10	--	76	1
Residual Fuel Oil	--	--	--	262	125	--	60	--	106	220
Less than 0.31 percent sulfur	--	--	--	38	13	--	-1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	81	34	--	-9	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	143	78	--	71	--	NA	NA
Petrochemical Feedstocks	--	--	--	208	9	--	-4	--	31	190
Naphtha for Petro. Feed. Use	--	--	--	142	5	--	-5	--	--	152
Other Oils for Petro. Feed. Use	--	--	--	66	4	--	0	--	31	39
Special Naphthas	--	--	--	28	18	--	1	--	--	45
Lubricants	--	--	--	149	39	--	-10	--	125	74
Waxes	--	--	--	3	3	--	-2	--	5	4
Petroleum Coke	--	--	--	833	7	--	11	--	438	391
Marketable	--	--	--	631	7	--	11	--	438	188
Catalyst	--	--	--	202	--	--	--	--	--	202
Asphalt and Road Oil	--	--	--	339	59	--	-102	--	24	475
Still Gas	--	--	--	674	--	--	--	--	--	674
Miscellaneous Products	--	--	--	84	--	--	-8	--	2	91
Total	19,972	0	1,321	19,548	8,624	106	827	18,477	10,112	20,155

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 2. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, October 2023
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³
Crude Oil⁴	13,149	668	--	--	6,130	-200	262	15,357	4,128	0
Hydrocarbon Gas Liquids	6,805	-447	-24	415	149	--	-103	752	2,748	3,499
Natural Gas Liquids	6,805	-447	-24	193	134	--	-118	752	2,748	3,277
Ethane	2,803	--	--	15	--	--	287	--	440	2,092
Propane	2,094	-1	--	269	93	--	-113	--	1,705	863
Normal Butane	647	-14	--	-77	35	--	-288	308	481	89
Isobutane	453	-5	--	-14	6	--	-30	231	4	234
Natural Gasoline	808	-427	-24	--	--	--	25	214	118	0
Refinery Olefins	--	--	--	222	15	--	15	--	--	222
Ethylene	--	--	--	4	--	--	0	--	--	4
Propylene	--	--	--	234	12	--	4	--	--	242
Normal Butylene	--	--	--	-17	3	--	10	--	--	-25
Isobutylene	--	--	--	1	--	--	1	--	--	0
Other Liquids	--	-221	1,328	--	1,093	109	-254	1,817	459	286
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,328	--	44	162	-51	1,196	104	286
Hydrogen	--	--	--	--	--	222	--	222	--	0
Biofuels (including Fuel Ethanol)	--	--	1,328	--	44	-61	-52	973	104	286
Fuel Ethanol ⁵	--	--	1,028	--	--	-61	-31	908	90	0
Biofuels (excluding Fuel Ethanol)	--	--	300	--	44	--	-21	65	15	286
Biodiesel	--	--	113	--	33	--	-4	47	15	88
Renewable Diesel Fuel	--	--	164	--	11	--	-19	9	NA	185
Other Biofuels ⁶	--	--	23	--	--	--	2	9	NA	13
Other Hydrocarbons	--	--	--	--	--	1	0	1	--	0
Unfinished Oils	--	-221	--	--	482	--	101	-127	287	0
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	566	-53	-303	748	68	0
Reformulated	--	--	0	--	126	341	-122	588	1	0
Conventional	--	--	0	--	440	-394	-181	159	67	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	--	7	18,543	515	114	-512	--	2,844	16,847
Finished Motor Gasoline	--	--	7	9,732	78	114	8	--	824	9,100
Reformulated	--	--	--	3,049	--	-280	0	--	--	2,769
Conventional	--	--	7	6,683	78	394	8	--	824	6,331
Finished Aviation Gasoline	--	--	--	15	0	--	-2	--	--	17
Kerosene-Type Jet Fuel	--	--	0	1,612	102	--	-130	--	146	1,697
Kerosene	--	--	--	7	--	--	-4	--	11	1
Distillate Fuel Oil ⁵	--	--	0	4,735	106	--	-298	--	1,078	4,061
15 ppm sulfur and under	--	--	0	4,544	105	--	-288	--	881	4,057
Greater than 15 to 500 ppm sulfur	--	--	0	109	0	--	1	--	107	2
Greater than 500 ppm sulfur	--	--	0	82	0	--	-10	--	90	2
Residual Fuel Oil	--	--	--	271	105	--	-6	--	113	269
Less than 0.31 percent sulfur	--	--	--	38	6	--	13	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	82	38	--	1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	151	62	--	-19	--	NA	NA
Petrochemical Feedstocks	--	--	--	201	7	--	6	--	53	148
Naphtha for Petro. Feed. Use	--	--	--	122	4	--	5	--	--	121
Other Oils for Petro. Feed. Use	--	--	--	78	3	--	1	--	53	27
Special Naphthas	--	--	--	31	26	--	0	--	--	57
Lubricants	--	--	--	142	42	--	-13	--	99	97
Waxes	--	--	--	4	4	--	-1	--	4	6
Petroleum Coke	--	--	--	768	4	--	24	--	495	254
Marketable	--	--	--	584	4	--	24	--	495	70
Catalyst	--	--	--	184	--	--	--	--	--	184
Asphalt and Road Oil	--	--	--	335	40	--	-96	--	21	450
Still Gas	--	--	--	607	--	--	--	--	--	607
Miscellaneous Products	--	--	--	84	--	--	0	--	1	83
Total	19,954	0	1,311	18,957	7,887	22	-606	17,926	10,180	20,631

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

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Table 2. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, November 2023
(Thousand Barrels per Day)

Commodity	Supply						Disposition				
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	13,281	551	--	--	6,926	-343	549	15,937	3,929	0	
Hydrocarbon Gas Liquids	6,783	-477	-24	333	183	--	-640	796	2,789	3,853	
Natural Gas Liquids	6,783	-477	-24	66	168	--	-635	796	2,789	3,565	
Ethane	2,757	--	--	11	--	--	195	--	400	2,173	
Propane	2,121	-1	--	262	123	--	-260	--	1,786	979	
Normal Butane	646	-14	--	-189	41	--	-520	355	448	201	
Isobutane	461	-5	--	-19	4	--	-5	230	2	213	
Natural Gasoline	797	-456	-24	--	0	--	-46	211	152	0	
Refinery Olefins	--	--	--	268	15	--	-5	--	--	288	
Ethylene	--	--	--	7	--	--	0	--	--	7	
Propylene	--	--	--	273	12	--	6	--	--	279	
Normal Butylene	--	--	--	-13	3	--	-12	--	--	2	
Isobutylene	--	--	--	0	--	--	1	--	--	0	
Other Liquids	--	-75	1,361	--	993	223	58	1,626	565	254	
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,361	--	68	185	68	1,189	104	254	
Hydrogen	--	--	--	--	--	232	--	232	--	0	
Biofuels (including Fuel Ethanol)	--	--	1,361	--	68	-47	68	957	104	254	
Fuel Ethanol ⁵	--	--	1,053	--	--	-47	20	895	92	0	
Biofuels (excluding Fuel Ethanol)	--	--	307	--	68	--	48	62	12	254	
Biodiesel	--	--	108	--	41	--	5	45	12	87	
Renewable Diesel Fuel	--	--	180	--	27	--	44	7	NA	155	
Other Biofuels ⁶	--	--	20	--	--	--	-1	10	NA	11	
Other Hydrocarbons	--	--	--	--	--	0	0	--	--	0	
Unfinished Oils	--	-75	--	--	492	--	-63	173	307	0	
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	433	38	52	264	155	0	
Reformulated	--	--	0	--	127	489	14	601	1	0	
Conventional	--	--	0	--	306	-451	38	-337	154	0	
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0	
Finished Petroleum Products	--	--	7	19,081	555	9	66	--	2,953	16,632	
Finished Motor Gasoline	--	--	7	9,708	127	9	41	--	899	8,910	
Reformulated	--	--	--	3,035	--	-450	0	--	--	2,586	
Conventional	--	--	7	6,673	127	459	41	--	899	6,324	
Finished Aviation Gasoline	--	--	--	7	0	--	-2	--	--	10	
Kerosene-Type Jet Fuel	--	--	0	1,700	88	--	-24	--	188	1,623	
Kerosene	--	--	--	22	--	--	19	--	3	1	
Distillate Fuel Oil ⁵	--	--	0	5,101	129	--	118	--	1,162	3,950	
15 ppm sulfur and under	--	--	0	4,918	126	--	135	--	979	3,930	
Greater than 15 to 500 ppm sulfur	--	--	0	105	3	--	-1	--	107	2	
Greater than 500 ppm sulfur	--	--	0	78	1	--	-16	--	76	18	
Residual Fuel Oil	--	--	--	291	91	--	-58	--	82	358	
Less than 0.31 percent sulfur	--	--	--	47	12	--	-9	--	NA	NA	
0.31 to 1.00 percent sulfur	--	--	--	80	13	--	-19	--	NA	NA	
Greater than 1.00 percent sulfur	--	--	--	164	66	--	-30	--	NA	NA	
Petrochemical Feedstocks	--	--	--	223	16	--	-4	--	37	205	
Naphtha for Petro. Feed. Use	--	--	--	151	12	--	-2	--	--	165	
Other Oils for Petro. Feed. Use	--	--	--	71	4	--	-2	--	37	40	
Special Naphthas	--	--	--	32	17	--	-2	--	--	51	
Lubricants	--	--	--	143	44	--	-6	--	142	52	
Waxes	--	--	--	4	3	--	0	--	4	4	
Petroleum Coke	--	--	--	822	8	--	-3	--	416	417	
Marketable	--	--	--	627	8	--	-3	--	416	223	
Catalyst	--	--	--	194	--	--	--	--	--	194	
Asphalt and Road Oil	--	--	--	303	31	--	-14	--	17	330	
Still Gas	--	--	--	640	--	--	--	--	--	640	
Miscellaneous Products	--	--	--	87	--	--	2	--	4	82	
Total	20,064	0	1,343	19,414	8,658	-111	33	18,360	10,237	20,739	

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 2. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, December 2023
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³
Crude Oil⁴	13,308	472	--	--	6,422	516	-406	16,502	4,622	0
Hydrocarbon Gas Liquids	6,649	-425	-24	345	208	--	-1,016	797	2,786	4,186
Natural Gas Liquids	6,649	-425	-24	71	188	--	-991	797	2,786	3,866
Ethane	2,655	--	--	11	--	--	-202	--	375	2,491
Propane	2,108	-1	--	283	146	--	-338	--	1,823	1,052
Normal Butane	645	-16	--	-209	37	--	-421	354	435	89
Isobutane	459	-6	--	-14	5	--	-36	244	2	235
Natural Gasoline	782	-402	-24	--	0	--	6	199	152	0
Refinery Olefins	--	--	--	274	20	--	-25	--	--	319
Ethylene	--	--	--	6	--	--	0	--	--	6
Propylene	--	--	--	276	17	--	-20	--	--	313
Normal Butylene	--	--	--	-8	3	--	-4	--	--	-1
Isobutylene	--	--	--	0	--	--	-1	--	--	1
Other Liquids	--	-47	1,421	--	1,160	19	487	1,147	601	318
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,421	--	69	192	76	1,156	132	318
Hydrogen	--	--	--	--	--	240	--	240	--	0
Biofuels (including Fuel Ethanol)	--	--	1,421	--	69	-48	76	916	132	318
Fuel Ethanol ⁵	--	--	1,082	--	--	-48	55	859	120	0
Biofuels (excluding Fuel Ethanol)	--	--	340	--	69	--	21	57	13	318
Biodiesel	--	--	106	--	33	--	5	41	13	80
Renewable Diesel Fuel	--	--	209	--	34	--	16	7	NA	221
Other Biofuels ⁶	--	--	24	--	2	--	0	9	NA	17
Other Hydrocarbons	--	--	--	--	--	0	0	1	--	0
Unfinished Oils	--	-47	--	--	548	--	-178	299	380	0
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	543	-174	589	-309	89	0
Reformulated	--	--	0	--	164	435	199	400	1	0
Conventional	--	--	0	--	379	-609	390	-708	89	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	--	6	19,166	673	222	619	--	3,556	15,893
Finished Motor Gasoline	--	--	6	9,508	101	222	30	--	1,011	8,796
Reformulated	--	--	--	2,956	--	-384	0	--	--	2,572
Conventional	--	--	6	6,552	101	606	30	--	1,011	6,224
Finished Aviation Gasoline	--	--	--	14	1	--	6	--	--	9
Kerosene-Type Jet Fuel	--	--	0	1,828	126	--	34	--	252	1,668
Kerosene	--	--	--	23	--	--	3	--	1	19
Distillate Fuel Oil ⁵	--	--	0	5,244	227	--	559	--	1,269	3,643
15 ppm sulfur and under	--	--	0	5,051	226	--	557	--	1,129	3,591
Greater than 15 to 500 ppm sulfur	--	--	0	127	0	--	1	--	88	38
Greater than 500 ppm sulfur	--	--	--	66	1	--	0	--	52	15
Residual Fuel Oil	--	--	--	287	90	--	-56	--	107	326
Less than 0.31 percent sulfur	--	--	--	51	16	--	-6	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	97	4	--	10	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	140	70	--	-61	--	NA	NA
Petrochemical Feedstocks	--	--	--	223	13	--	-6	--	48	194
Naphtha for Petro. Feed. Use	--	--	--	142	10	--	-5	--	--	157
Other Oils for Petro. Feed. Use	--	--	--	80	3	--	-1	--	48	37
Special Naphthas	--	--	--	30	14	--	2	--	--	42
Lubricants	--	--	--	162	48	--	34	--	138	39
Waxes	--	--	--	6	5	--	3	--	3	5
Petroleum Coke	--	--	--	824	4	--	-46	--	709	165
Marketable	--	--	--	620	4	--	-46	--	709	-40
Catalyst	--	--	--	204	--	--	--	--	--	204
Asphalt and Road Oil	--	--	--	278	45	--	60	--	13	250
Still Gas	--	--	--	653	--	--	--	--	--	653
Miscellaneous Products	--	--	--	87	--	--	-2	--	3	86
Total	19,957	0	1,404	19,512	8,463	756	-316	18,446	11,565	20,396

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 3. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	2,030	1,527	--	--	16,521	3,757	-484	-448	23,799	0	0	7,164
Hydrocarbon Gas Liquids	21,038	-1,462	-9	465	1,753	3,083	--	-189	1,793	6,568	16,697	9,519
Natural Gas Liquids	21,038	-1,462	-9	165	1,458	2,912	--	-328	1,793	6,568	16,070	9,227
Ethane	9,043	--	--	--	--	--	--	131	--	2,783	1,193	991
Propane	6,931	--	--	504	1,406	7,108	--	-485	--	3,256	13,178	6,354
Normal Butane	2,059	--	--	-296	47	1,360	--	56	1,367	484	1,263	1,570
Isobutane	971	--	--	-43	5	-381	--	-30	145	1	436	110
Natural Gasoline	2,034	-1,462	-9	--	--	-239	--	0	281	44	0	202
Refinery Olefins	--	--	--	300	295	171	--	139	--	--	627	292
Ethylene	--	--	--	11	--	--	--	--	--	--	11	--
Propylene	--	--	--	264	295	171	--	-2	--	--	732	135
Normal Butylene	--	--	--	1	--	--	--	144	--	--	-143	144
Isobutylene	--	--	--	24	--	--	--	-3	--	--	27	13
Other Liquids	--	-65	523	--	15,086	61,494	9,625	6,417	79,783	123	340	71,518
Hydrogen/Biofuels/Other Hydrocarbons	--	--	523	--	561	8,493	1,670	785	10,024	98	340	8,925
Hydrogen	--	--	--	--	--	--	95	--	--	--	0	--
Biofuels (including Fuel Ethanol)	--	--	523	--	561	8,493	1,575	785	9,929	98	340	8,925
Fuel Ethanol ⁶	--	--	342	--	--	8,312	1,575	737	9,398	94	0	7,771
Biofuels (excluding Fuel Ethanol)	--	--	181	--	561	181	--	49	531	4	340	1,154
Biodiesel	--	--	181	--	561	178	--	49	531	4	337	1,154
Renewable Diesel Fuel	--	--	--	--	--	3	--	--	--	NA	3	--
Other Biofuels ⁷	--	--	--	--	--	--	--	--	--	NA	--	--
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-65	--	--	1,730	-27	--	478	1,139	21	0	3,935
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	--	--	--	12,795	53,028	7,955	5,154	68,620	4	0	58,658
Reformulated	--	--	--	--	4,432	6,894	3,492	1,675	13,143	0	0	20,772
Conventional	--	--	--	--	8,363	46,134	4,463	3,479	55,477	4	0	37,886
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	1	105,991	16,254	43,871	-9,530	-969	--	2,282	155,273	59,436
Finished Motor Gasoline	--	--	--	91,727	3,220	2,385	-9,530	420	--	70	87,311	3,314
Reformulated	--	--	--	33,429	--	--	-3,576	0	--	--	29,853	5
Conventional	--	--	--	58,298	3,220	2,385	-5,954	420	--	70	57,458	3,309
Finished Aviation Gasoline	--	--	--	--	--	124	--	-12	--	--	136	194
Kerosene-Type Jet Fuel	--	--	--	3,176	1,054	12,852	--	-1,450	--	389	18,143	7,507
Kerosene	--	--	--	32	0	298	--	-698	--	2	1,026	961
Distillate Fuel Oil ⁶	--	--	1	7,158	8,071	26,222	--	-1,276	--	433	42,294	33,126
15 ppm sulfur and under	--	--	1	7,032	7,940	25,834	--	-716	--	11	41,511	31,299
Greater than 15 to 500 ppm sulfur	--	--	--	73	--	--	--	7	--	421	-355	598
Greater than 500 ppm sulfur	--	--	--	53	131	388	--	-567	--	1	1,138	1,229
Residual Fuel Oil	--	--	--	900	2,771	--	--	526	--	4	3,141	6,137
Less than 0.31 percent sulfur	--	--	--	-17	--	--	--	-1	--	NA	NA	292
0.31 to 1.00 percent sulfur	--	--	--	667	579	--	--	-33	--	NA	NA	809
Greater than 1.00 percent sulfur	--	--	--	250	2,192	--	--	560	--	NA	NA	5,036
Petrochemical Feedstocks	--	--	--	12	94	--	--	4	--	91	11	4
Naphtha for Petro. Feed. Use	--	--	--	--	93	--	--	--	--	--	93	--
Other Oils for Petro. Feed. Use	--	--	--	12	1	--	--	--	--	91	-82	4
Special Naphthas	--	--	--	-5	3	--	--	-15	--	--	13	46
Lubricants	--	--	--	372	95	486	--	-25	--	143	835	1,515
Waxes	--	--	--	-28	94	--	--	11	--	67	-12	232
Petroleum Coke	--	--	--	680	--	424	--	--	--	963	141	--
Marketable	--	--	--	252	--	424	--	--	--	963	-287	--
Catalyst	--	--	--	428	--	--	--	--	--	--	428	--
Asphalt and Road Oil	--	--	--	1,046	852	1,080	--	1,544	--	101	1,333	6,332
Still Gas	--	--	--	838	--	--	--	--	--	--	838	--
Miscellaneous Products	--	--	--	83	--	--	--	2	--	18	63	68
Total	23,068	0	515	106,456	49,614	112,205	-389	4,811	105,375	8,973	172,310	147,637

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 3. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, February 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	1,935	1,537	--	--	16,053	1,681	-1,908	453	18,846	0	0	7,617
Hydrocarbon Gas Liquids	19,281	-1,252	-8	207	1,730	2,552	--	-494	1,508	5,213	16,283	9,025
Natural Gas Liquids	19,281	-1,252	-8	171	1,465	2,302	--	-402	1,508	5,213	15,640	8,825
Ethane	8,541	--	--	--	--	--	--	244	--	1,585	1,786	1,235
Propane	6,208	--	--	341	1,463	6,261	--	-706	--	2,976	12,003	5,648
Normal Butane	1,857	--	--	-152	2	1,501	--	13	1,112	609	1,474	1,583
Isobutane	844	--	--	-18	--	-323	--	5	120	1	377	115
Natural Gasoline	1,831	-1,252	-8	--	--	-210	--	42	276	43	0	244
Refinery Olefins	--	--	--	36	265	250	--	-92	--	--	643	200
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	37	265	250	--	-59	--	--	611	76
Normal Butylene	--	--	--	-1	--	--	--	-20	--	--	19	124
Isobutylene	--	--	--	--	--	--	--	-13	--	--	13	0
Other Liquids	--	-285	455	--	14,143	61,668	7,133	4,291	78,462	214	147	75,809
Hydrogen/Biofuels/Other Hydrocarbons	--	--	455	--	510	9,251	296	717	9,464	184	147	9,642
Hydrogen	--	--	--	--	--	--	60	--	--	--	0	--
Biofuels (including Fuel Ethanol)	--	--	455	--	510	9,251	236	717	9,404	184	147	9,642
Fuel Ethanol ⁶	--	--	303	--	--	9,040	236	458	8,940	181	0	8,229
Biofuels (excluding Fuel Ethanol)	--	--	151	--	510	211	--	259	464	3	147	1,414
Biodiesel	--	--	149	--	510	211	--	259	461	3	147	1,414
Renewable Diesel Fuel	--	--	3	--	--	--	--	--	3	NA	0	--
Other Biofuels ⁷	--	--	--	--	--	--	--	--	--	NA	--	--
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-285	--	--	1,190	-6	--	436	436	27	0	4,371
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	--	--	--	12,443	52,423	6,837	3,138	68,562	3	0	61,796
Reformulated	--	--	--	--	4,185	6,520	3,729	139	14,295	0	0	20,911
Conventional	--	--	--	--	8,258	45,903	3,108	2,999	54,267	3	0	40,885
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	1	99,081	14,377	44,028	-7,073	4,409	--	1,358	144,647	63,845
Finished Motor Gasoline	--	--	--	87,260	1,790	1,940	-7,073	-780	--	42	84,655	2,534
Reformulated	--	--	--	31,896	--	--	-3,854	0	--	--	28,042	5
Conventional	--	--	--	55,364	1,790	1,940	-3,219	-780	--	42	56,612	2,529
Finished Aviation Gasoline	--	--	--	--	18	122	--	61	--	--	79	255
Kerosene-Type Jet Fuel	--	--	--	2,487	2,314	13,967	--	2,347	--	318	16,103	9,854
Kerosene	--	--	--	148	--	298	--	-201	--	2	645	760
Distillate Fuel Oil ⁶	--	--	1	5,986	7,438	25,888	--	2,777	--	227	36,309	35,903
15 ppm sulfur and under	--	--	1	6,024	7,438	25,580	--	2,955	--	205	35,883	34,254
Greater than 15 to 500 ppm sulfur	--	--	--	-16	--	--	--	-18	--	21	-19	580
Greater than 500 ppm sulfur	--	--	--	-22	--	308	--	-160	--	1	445	1,069
Residual Fuel Oil	--	--	--	747	2,037	--	--	-671	--	212	3,243	5,466
Less than 0.31 percent sulfur	--	--	--	-9	473	--	--	-2	--	NA	NA	290
0.31 to 1.00 percent sulfur	--	--	--	556	895	--	--	251	--	NA	NA	1,060
Greater than 1.00 percent sulfur	--	--	--	200	669	--	--	-920	--	NA	NA	4,116
Petrochemical Feedstocks	--	--	--	12	34	--	--	1	--	2	43	5
Naphtha for Petro. Feed. Use	--	--	--	--	2	--	--	--	--	--	2	--
Other Oils for Petro. Feed. Use	--	--	--	12	32	--	--	--	--	2	41	5
Special Naphthas	--	--	--	-3	1	--	--	-3	--	--	1	43
Lubricants	--	--	--	387	124	483	--	-65	--	189	870	1,450
Waxes	--	--	--	-14	75	--	--	31	--	61	-31	263
Petroleum Coke	--	--	--	437	--	291	--	--	--	226	502	--
Marketable	--	--	--	212	--	291	--	--	--	226	277	--
Catalyst	--	--	--	225	--	--	--	--	--	--	225	--
Asphalt and Road Oil	--	--	--	955	546	1,039	--	915	--	64	1,561	7,247
Still Gas	--	--	--	622	--	--	--	--	--	--	622	--
Miscellaneous Products	--	--	--	57	--	--	--	-3	--	14	46	65
Total	21,216	0	447	99,288	46,303	109,930	-1,848	8,660	98,816	6,785	161,076	156,296

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 3. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, March 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	2,074	2,362	--	--	16,154	2,286	-4,200	-584	19,259	0	0	7,033
Hydrocarbon Gas Liquids	21,133	-1,416	-9	245	1,690	2,613	--	-1,383	1,287	9,290	15,063	7,642
Natural Gas Liquids	21,133	-1,416	-9	192	1,406	2,430	--	-1,255	1,287	9,290	14,414	7,570
Ethane	9,232	--	--	--	--	--	--	-167	--	2,290	1,759	1,068
Propane	6,897	--	--	360	1,398	6,456	--	-1,121	--	5,064	11,168	4,527
Normal Butane	2,062	--	--	-152	--	1,920	--	11	849	1,891	1,078	1,594
Isobutane	922	--	--	-16	8	-358	--	29	117	1	409	144
Natural Gasoline	2,020	-1,416	-9	--	--	-238	--	-7	321	44	0	237
Refinery Olefins	--	--	--	53	284	183	--	-128	--	--	648	72
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	55	284	183	--	-46	--	--	568	30
Normal Butylene	--	--	--	-2	--	--	--	-82	--	--	80	42
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-946	518	--	11,923	66,705	1,066	-11,846	90,820	140	153	63,963
Hydrogen/Biofuels/Other Hydrocarbons	--	--	518	--	441	10,779	-1,313	-652	10,807	118	153	8,990
Hydrogen	--	--	--	--	--	--	88	--	--	--	0	--
Biofuels (including Fuel Ethanol)	--	--	518	--	441	10,779	-1,401	-652	10,719	118	153	8,990
Fuel Ethanol ⁶	--	--	335	--	--	10,587	-1,401	-754	10,163	113	0	7,475
Biofuels (excluding Fuel Ethanol)	--	--	183	--	441	192	--	102	556	5	153	1,515
Biodiesel	--	--	183	--	441	192	--	102	556	5	153	1,515
Renewable Diesel Fuel	--	--	--	--	--	--	--	--	--	NA	--	--
Other Biofuels ⁷	--	--	--	--	--	--	--	--	--	NA	--	--
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-946	--	--	1,395	-20	--	-298	708	19	0	4,073
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	--	--	--	10,087	55,946	2,378	-10,896	79,305	2	0	50,900
Reformulated	--	--	--	--	3,829	6,235	5,415	-2,122	17,601	0	0	18,789
Conventional	--	--	--	--	6,258	49,711	-3,037	-8,774	61,704	2	0	32,111
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	1	111,769	10,127	41,096	-978	-10,399	--	3,381	169,033	53,446
Finished Motor Gasoline	--	--	--	99,878	1,883	1,786	-978	-744	--	51	103,262	1,790
Reformulated	--	--	--	35,928	--	--	-5,203	-1	--	--	30,726	4
Conventional	--	--	--	63,950	1,883	1,786	4,226	-743	--	51	72,536	1,786
Finished Aviation Gasoline	--	--	--	--	--	40	--	-33	--	--	73	222
Kerosene-Type Jet Fuel	--	--	--	2,609	1,148	13,429	--	-860	--	36	18,010	8,994
Kerosene	--	--	--	-11	--	--	--	-108	--	4	93	652
Distillate Fuel Oil ⁶	--	--	1	5,865	3,958	24,023	--	-8,970	--	1,421	41,395	26,933
15 ppm sulfur and under	--	--	1	5,866	3,956	23,797	--	-8,838	--	1,244	41,214	25,416
Greater than 15 to 500 ppm sulfur	--	--	--	10	2	--	--	43	--	27	-58	623
Greater than 500 ppm sulfur	--	--	--	-11	--	226	--	-175	--	150	240	894
Residual Fuel Oil	--	--	--	758	2,034	--	--	-615	--	1,125	2,282	4,851
Less than 0.31 percent sulfur	--	--	--	-23	525	--	--	-54	--	NA	NA	236
0.31 to 1.00 percent sulfur	--	--	--	674	546	--	--	-231	--	NA	NA	829
Greater than 1.00 percent sulfur	--	--	--	107	963	--	--	-330	--	NA	NA	3,786
Petrochemical Feedstocks	--	--	--	16	3	--	--	-1	--	4	16	4
Naphtha for Petro. Feed. Use	--	--	--	--	2	--	--	--	--	--	2	--
Other Oils for Petro. Feed. Use	--	--	--	16	1	--	--	--	--	4	14	4
Special Naphthas	--	--	--	3	3	--	--	-4	--	--	10	39
Lubricants	--	--	--	273	148	626	--	-140	--	337	850	1,310
Waxes	--	--	--	-2	107	--	--	38	--	69	-2	301
Petroleum Coke	--	--	--	506	--	107	--	--	--	233	380	--
Marketable	--	--	--	254	--	107	--	--	--	233	128	--
Catalyst	--	--	--	252	--	--	--	--	--	--	252	--
Asphalt and Road Oil	--	--	--	1,120	843	1,085	--	1,049	--	82	1,917	8,296
Still Gas	--	--	--	708	--	--	--	--	--	--	708	--
Miscellaneous Products	--	--	--	46	--	--	--	-11	--	18	39	54
Total	23,207	0	510	112,014	39,894	112,700	-4,112	-24,213	111,366	12,811	184,248	132,083

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 3. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, April 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PAD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	1,998	2,764	--	--	20,050	2,620	-2,854	1,114	23,465	0	0	8,147
Hydrocarbon Gas Liquids	19,144	-1,676	-9	944	829	2,847	--	1,319	878	7,822	12,060	8,960
Natural Gas Liquids	19,144	-1,676	-9	670	522	2,572	--	1,275	878	7,822	11,248	8,844
Ethane	7,470	--	--	--	--	--	--	-34	--	1,818	557	1,034
Propane	6,714	--	--	416	462	6,573	--	1,093	--	3,722	9,350	5,620
Normal Butane	2,024	--	--	291	58	1,407	--	96	574	2,260	850	1,690
Isobutane	931	--	--	-37	2	-271	--	22	112	0	491	166
Natural Gasoline	2,005	-1,676	-9	--	--	-9	--	98	192	22	0	334
Refinery Olefins	--	--	--	274	307	275	--	44	--	--	812	116
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	274	307	275	--	86	--	--	770	116
Normal Butylene	--	--	--	--	--	--	--	-42	--	--	42	0
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-1,089	544	--	20,777	60,530	6,053	-336	86,738	213	200	63,626
Hydrogen/Biofuels/Other Hydrocarbons	--	--	544	--	374	8,853	811	-152	10,341	194	200	8,837
Hydrogen	--	--	--	--	--	--	48	--	--	--	0	--
Biofuels (including Fuel Ethanol)	--	--	544	--	374	8,853	763	-152	10,293	194	200	8,837
Fuel Ethanol ⁶	--	--	353	--	--	8,758	763	-161	9,848	188	0	7,313
Biofuels (excluding Fuel Ethanol)	--	--	191	--	374	95	--	9	445	6	200	1,524
Biodiesel	--	--	191	--	374	95	--	9	445	6	200	1,524
Renewable Diesel Fuel	--	--	--	--	--	--	--	--	--	NA	--	--
Other Biofuels ⁷	--	--	--	--	--	--	--	--	--	NA	--	--
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-1,089	--	--	2,542	4	--	136	1,304	17	0	4,209
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	--	--	--	17,861	51,673	5,241	-320	75,093	2	0	50,580
Reformulated	--	--	--	--	4,067	7,691	3,902	-1,352	17,012	--	0	17,437
Conventional	--	--	--	--	13,794	43,982	1,339	1,032	58,081	2	0	33,143
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	111,168	11,378	43,330	-6,005	6,740	--	685	152,447	60,186
Finished Motor Gasoline	--	--	--	96,895	3,287	2,768	-6,005	886	--	32	96,027	2,676
Reformulated	--	--	--	35,094	--	--	-3,378	1	--	--	31,715	5
Conventional	--	--	--	61,801	3,287	2,768	-2,627	885	--	32	64,312	2,671
Finished Aviation Gasoline	--	--	--	--	--	52	--	-50	--	--	102	172
Kerosene-Type Jet Fuel	--	--	--	3,112	2,043	16,037	--	2,599	--	27	18,566	11,593
Kerosene	--	--	--	-83	--	--	--	-141	--	4	54	511
Distillate Fuel Oil ⁶	--	--	0	7,563	3,943	22,301	--	1,065	--	112	32,630	27,998
15 ppm sulfur and under	--	--	0	7,536	3,942	22,055	--	950	--	9	32,574	26,366
Greater than 15 to 500 ppm sulfur	--	--	--	32	1	--	--	-34	--	101	-34	589
Greater than 500 ppm sulfur	--	--	--	-5	--	246	--	149	--	2	90	1,043
Residual Fuel Oil	--	--	--	735	753	--	--	1,758	--	2	-272	6,609
Less than 0.31 percent sulfur	--	--	--	-1	--	--	--	295	--	NA	NA	531
0.31 to 1.00 percent sulfur	--	--	--	409	66	--	--	651	--	NA	NA	1,480
Greater than 1.00 percent sulfur	--	--	--	327	687	--	--	812	--	NA	NA	4,598
Petrochemical Feedstocks	--	--	--	10	190	--	--	-1	--	--	201	3
Naphtha for Petro. Feed. Use	--	--	--	--	189	--	--	--	--	--	189	--
Other Oils for Petro. Feed. Use	--	--	--	10	1	--	--	--	--	--	12	3
Special Naphthas	--	--	--	11	1	--	--	0	--	--	12	39
Lubricants	--	--	--	341	74	508	--	178	--	168	577	1,488
Waxes	--	--	--	4	76	--	--	24	--	65	-9	325
Petroleum Coke	--	--	--	426	--	498	--	--	--	211	713	--
Marketable	--	--	--	57	--	498	--	--	--	211	344	--
Catalyst	--	--	--	369	--	--	--	--	--	--	369	--
Asphalt and Road Oil	--	--	--	1,223	1,011	1,166	--	425	--	50	2,926	8,721
Still Gas	--	--	--	897	--	--	--	--	--	--	897	--
Miscellaneous Products	--	--	--	34	--	--	--	-3	--	14	23	51
Total	21,142	0	535	112,112	53,034	109,328	-2,806	8,837	111,081	8,721	164,707	140,920

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 3. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, May 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	2,078	2,375	--	--	19,172	2,075	-2,613	-247	23,334	0	0	7,900
Hydrocarbon Gas Liquids	21,118	-2,010	-9	1,065	702	1,097	--	-606	165	11,082	11,322	8,354
Natural Gas Liquids	21,118	-2,010	-9	814	370	910	--	-609	165	11,082	10,555	8,235
Ethane	8,647	--	--	--	--	--	--	83	--	2,075	608	1,117
Propane	7,171	--	--	437	267	5,512	--	-377	--	5,960	7,804	5,243
Normal Butane	2,185	--	--	453	103	1,554	--	-323	21	2,978	1,619	1,367
Isobutane	953	--	--	-76	--	-266	--	-38	124	1	524	128
Natural Gasoline	2,162	-2,010	-9	--	--	-9	--	46	20	68	0	380
Refinery Olefins	--	--	--	251	332	187	--	3	--	--	767	119
Ethylene	--	--	--	8	--	--	--	--	--	--	8	--
Propylene	--	--	--	271	332	187	--	-5	--	--	795	111
Normal Butylene	--	--	--	-28	--	--	--	8	--	--	-36	8
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-365	598	--	19,803	63,975	9,816	903	92,355	154	415	64,529
Hydrogen/Biofuels/Other Hydrocarbons	--	--	598	--	471	9,014	915	-352	10,898	37	415	8,485
Hydrogen	--	--	--	--	--	--	62	--	--	--	0	--
Biofuels (including Fuel Ethanol)	--	--	598	--	471	9,014	853	-352	10,836	37	415	8,485
Fuel Ethanol ⁶	--	--	377	--	--	8,956	853	-277	10,428	34	0	7,036
Biofuels (excluding Fuel Ethanol)	--	--	222	--	471	58	--	-76	408	3	415	1,449
Biodiesel	--	--	222	--	298	58	--	-112	408	3	278	1,413
Renewable Diesel Fuel	--	--	--	--	173	--	--	36	--	NA	137	36
Other Biofuels ⁷	--	--	--	--	--	--	--	--	--	NA	--	--
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-365	--	--	2,042	22	--	-344	1,929	114	0	3,865
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	--	--	--	17,290	54,939	8,901	1,599	79,528	3	0	52,179
Reformulated	--	--	--	--	4,961	9,759	2,802	306	17,216	0	0	17,743
Conventional	--	--	--	--	12,329	45,180	6,098	1,293	62,312	2	0	34,436
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	1	115,757	13,304	43,447	-9,754	2,784	--	1,776	158,195	62,970
Finished Motor Gasoline	--	--	--	102,140	4,934	2,650	-9,754	616	--	65	99,289	3,292
Reformulated	--	--	--	37,143	--	--	-2,335	0	--	--	34,808	5
Conventional	--	--	--	64,997	4,934	2,650	-7,419	616	--	65	64,481	3,287
Finished Aviation Gasoline	--	--	--	--	--	51	--	-19	--	--	70	153
Kerosene-Type Jet Fuel	--	--	--	2,550	1,886	16,413	--	508	--	21	20,320	12,101
Kerosene	--	--	0	282	--	--	--	40	--	9	233	551
Distillate Fuel Oil ⁶	--	--	1	7,175	4,003	22,331	--	973	--	163	32,374	28,971
15 ppm sulfur and under	--	--	1	7,211	3,995	21,999	--	990	--	136	32,080	27,356
Greater than 15 to 500 ppm sulfur	--	--	0	14	8	--	--	48	--	26	-52	637
Greater than 500 ppm sulfur	--	--	0	-50	--	332	--	-65	--	1	346	978
Residual Fuel Oil	--	--	--	678	1,549	--	--	799	--	449	979	7,408
Less than 0.31 percent sulfur	--	--	--	4	--	--	--	298	--	NA	NA	829
0.31 to 1.00 percent sulfur	--	--	--	397	53	--	--	-44	--	NA	NA	1,436
Greater than 1.00 percent sulfur	--	--	--	277	1,496	--	--	545	--	NA	NA	5,143
Petrochemical Feedstocks	--	--	--	11	95	--	--	1	--	150	-45	4
Naphtha for Petro. Feed. Use	--	--	--	--	94	--	--	--	--	--	94	--
Other Oils for Petro. Feed. Use	--	--	--	11	1	--	--	--	--	150	-139	4
Special Naphthas	--	--	--	16	2	--	--	10	--	--	8	49
Lubricants	--	--	--	338	164	416	--	68	--	320	530	1,556
Waxes	--	--	--	-2	81	--	--	34	--	83	-38	359
Petroleum Coke	--	--	--	407	1	243	--	--	--	429	221	--
Marketable	--	--	--	13	1	243	--	--	--	429	-173	--
Catalyst	--	--	--	394	--	--	--	--	--	--	394	--
Asphalt and Road Oil	--	--	--	1,227	589	1,343	--	-250	--	78	3,331	8,471
Still Gas	--	--	--	880	--	--	--	--	--	--	880	--
Miscellaneous Products	--	--	--	55	--	--	--	4	--	10	41	55
Total	23,196	0	590	116,822	52,981	110,593	-2,551	2,833	115,854	13,012	169,931	143,753

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 3. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, June 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	2,072	2,534	--	--	16,165	2,657	-4,571	-407	19,262	1	0	7,493
Hydrocarbon Gas Liquids	22,074	-1,830	-10	873	637	1,603	--	-90	551	10,096	12,791	8,264
Natural Gas Liquids	22,074	-1,830	-10	731	342	1,379	--	-46	551	10,096	12,086	8,189
Ethane	9,776	--	--	--	--	--	--	102	--	2,144	1,986	1,219
Propane	7,026	--	--	334	260	5,404	--	-682	--	6,037	7,669	4,561
Normal Butane	2,180	--	--	390	82	1,770	--	605	26	1,866	1,925	1,972
Isobutane	919	--	--	7	--	-245	--	43	132	1	506	171
Natural Gasoline	2,173	-1,830	-10	--	--	-7	--	-114	393	48	0	266
Refinery Olefins	--	--	--	142	295	225	--	-44	--	--	706	75
Ethylene	--	--	--	10	--	--	--	--	--	--	10	--
Propylene	--	--	--	132	295	225	--	-41	--	--	693	70
Normal Butylene	--	--	--	-2	--	--	--	-7	--	--	5	1
Isobutylene	--	--	--	2	--	--	--	4	--	--	-2	4
Other Liquids	--	-704	595	--	26,270	60,712	6,546	2,613	90,121	294	390	67,142
Hydrogen/Biofuels/Other Hydrocarbons	--	--	595	--	581	9,855	-35	108	10,456	41	390	8,593
Hydrogen	--	--	--	--	--	--	88	--	--	--	0	--
Biofuels (including Fuel Ethanol)	--	--	595	--	581	9,855	-123	108	10,368	41	390	8,593
Fuel Ethanol ⁶	--	--	372	--	--	9,831	-123	43	9,998	39	0	7,080
Biofuels (excluding Fuel Ethanol)	--	--	222	--	581	24	--	65	370	2	390	1,514
Biodiesel	--	--	222	--	581	24	--	46	366	2	413	1,459
Renewable Diesel Fuel	--	--	--	--	--	--	--	19	4	NA	-23	55
Other Biofuels ⁷	--	--	--	--	--	--	--	--	--	NA	--	--
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-704	--	--	3,463	19	--	460	2,068	250	0	4,325
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	--	--	--	22,226	50,838	6,580	2,045	77,597	2	0	54,224
Reformulated	--	--	--	--	4,230	9,711	3,633	1,322	16,252	0	0	19,065
Conventional	--	--	--	--	17,996	41,127	2,947	723	61,345	2	0	35,159
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	1	109,830	9,525	42,507	-6,458	-4,370	--	2,133	157,643	58,600
Finished Motor Gasoline	--	--	--	97,580	3,790	1,932	-6,458	-524	--	53	97,316	2,768
Reformulated	--	--	--	35,840	--	--	-2,638	-1	--	--	33,203	4
Conventional	--	--	--	61,740	3,790	1,932	-3,820	-523	--	53	64,112	2,764
Finished Aviation Gasoline	--	--	--	--	--	134	--	-29	--	--	163	124
Kerosene-Type Jet Fuel	--	--	--	2,355	1,072	16,526	--	-280	--	461	19,772	11,821
Kerosene	--	--	--	146	--	--	--	-6	--	4	148	545
Distillate Fuel Oil ⁶	--	--	1	5,953	3,029	21,623	--	-1,948	--	671	31,883	27,023
15 ppm sulfur and under	--	--	1	6,102	3,024	21,379	--	-1,629	--	660	31,474	25,727
Greater than 15 to 500 ppm sulfur	--	--	--	16	5	--	--	-125	--	10	136	512
Greater than 500 ppm sulfur	--	--	--	-165	--	244	--	-194	--	1	272	784
Residual Fuel Oil	--	--	--	770	556	--	--	-715	--	3	2,038	6,693
Less than 0.31 percent sulfur	--	--	--	-2	--	--	--	-122	--	NA	NA	707
0.31 to 1.00 percent sulfur	--	--	--	524	121	--	--	173	--	NA	NA	1,609
Greater than 1.00 percent sulfur	--	--	--	248	435	--	--	-766	--	NA	NA	4,377
Petrochemical Feedstocks	--	--	--	10	3	300	--	0	--	--	313	4
Naphtha for Petro. Feed. Use	--	--	--	--	3	300	--	--	--	--	303	--
Other Oils for Petro. Feed. Use	--	--	--	10	--	--	--	--	--	--	10	4
Special Naphthas	--	--	--	9	2	--	--	-3	--	--	14	46
Lubricants	--	--	--	370	103	360	--	-215	--	290	758	1,341
Waxes	--	--	--	18	51	--	--	6	--	72	-9	365
Petroleum Coke	--	--	--	526	1	500	--	--	--	478	549	--
Marketable	--	--	--	220	1	500	--	--	--	478	243	--
Catalyst	--	--	--	306	--	--	--	--	--	--	306	--
Asphalt and Road Oil	--	--	--	1,172	918	1,132	--	-652	--	81	3,794	7,819
Still Gas	--	--	--	861	--	--	--	--	--	--	861	--
Miscellaneous Products	--	--	--	60	--	--	--	-4	--	19	45	51
Total	24,146	0	585	110,703	52,597	107,479	-4,483	-2,254	109,934	12,523	170,824	141,499

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 3. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, July 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	2,177	3,421	--	--	17,262	1,697	-3,709	303	20,546	0	0	7,796
Hydrocarbon Gas Liquids	22,314	-2,044	-9	752	624	986	--	2,595	201	9,072	10,754	10,859
Natural Gas Liquids	22,314	-2,044	-9	664	347	663	--	2,612	201	9,072	10,050	10,801
Ethane	9,659	--	--	--	--	--	--	-204	--	2,424	1,940	1,015
Propane	7,218	--	--	350	274	5,428	--	2,621	--	4,478	6,171	7,182
Normal Butane	2,223	--	--	357	69	975	--	80	36	2,131	1,377	2,052
Isobutane	957	--	--	-43	4	-235	--	-1	121	1	562	170
Natural Gasoline	2,257	-2,044	-9	--	--	-6	--	116	44	38	0	382
Refinery Olefins	--	--	--	88	277	322	--	-17	--	--	704	58
Ethylene	--	--	--	1	--	--	--	--	--	--	1	--
Propylene	--	--	--	88	277	322	--	-17	--	--	704	53
Normal Butylene	--	--	--	-2	--	--	--	0	--	--	-2	1
Isobutylene	--	--	--	1	--	--	--	0	--	--	1	4
Other Liquids	--	-1,377	557	--	20,924	64,337	9,164	-547	93,237	577	339	66,595
Hydrogen/Biofuels/Other Hydrocarbons	--	--	557	--	337	8,941	1,269	-77	10,693	150	339	8,516
Hydrogen	--	--	--	--	--	--	98	--	--	--	0	--
Biofuels (including Fuel Ethanol)	--	--	557	--	337	8,941	1,171	-77	10,595	150	339	8,516
Fuel Ethanol ⁶	--	--	383	--	--	8,861	1,171	-21	10,248	147	0	7,101
Biofuels (excluding Fuel Ethanol)	--	--	174	--	337	80	--	-98	347	3	339	1,415
Biodiesel	--	--	168	--	337	80	--	-90	342	3	330	1,368
Renewable Diesel Fuel	--	--	5	--	--	--	--	-8	5	NA	8	47
Other Biofuels ⁷	--	--	--	--	--	--	--	--	--	NA	--	--
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-1,377	--	--	2,538	-19	--	-606	1,731	17	0	3,719
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	--	--	--	18,049	55,415	7,896	136	80,813	411	0	54,360
Reformulated	--	--	--	--	4,468	11,533	619	1,000	15,619	1	0	20,065
Conventional	--	--	--	--	13,581	43,882	7,276	-864	65,194	409	0	34,295
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	1	113,863	8,747	43,072	-9,066	1,608	--	1,480	153,528	60,208
Finished Motor Gasoline	--	--	--	100,941	2,319	1,818	-9,066	-243	--	167	96,087	2,525
Reformulated	--	--	--	36,542	--	--	-1,439	-1	--	--	35,104	3
Conventional	--	--	--	64,399	2,319	1,818	-7,627	-242	--	167	60,983	2,522
Finished Aviation Gasoline	--	--	--	--	44	38	--	17	--	--	65	141
Kerosene-Type Jet Fuel	--	--	--	2,644	1,242	16,235	--	-312	--	22	20,411	11,509
Kerosene	--	--	--	235	--	--	--	100	--	2	133	645
Distillate Fuel Oil ⁶	--	--	1	6,025	2,715	23,060	--	2,908	--	648	28,245	29,931
15 ppm sulfur and under	--	--	1	6,092	2,714	22,829	--	2,848	--	635	28,153	28,575
Greater than 15 to 500 ppm sulfur	--	--	--	17	1	--	--	22	--	13	-17	534
Greater than 500 ppm sulfur	--	--	--	-84	--	231	--	38	--	0	109	822
Residual Fuel Oil	--	--	--	956	828	--	--	-602	--	6	2,380	6,091
Less than 0.31 percent sulfur	--	--	--	6	--	--	--	-87	--	NA	NA	620
0.31 to 1.00 percent sulfur	--	--	--	660	46	--	--	-116	--	NA	NA	1,493
Greater than 1.00 percent sulfur	--	--	--	290	782	--	--	-399	--	NA	NA	3,978
Petrochemical Feedstocks	--	--	--	12	2	--	--	1	--	--	13	5
Naphtha for Petro. Feed. Use	--	--	--	--	2	--	--	--	--	--	2	--
Other Oils for Petro. Feed. Use	--	--	--	12	--	--	--	--	--	--	11	5
Special Naphthas	--	--	--	14	63	--	--	0	--	--	77	46
Lubricants	--	--	--	315	128	425	--	25	--	149	694	1,366
Waxes	--	--	--	14	103	--	--	-14	--	64	67	351
Petroleum Coke	--	--	--	506	1	267	--	--	--	299	475	--
Marketable	--	--	--	198	1	267	--	--	--	299	167	--
Catalyst	--	--	--	308	--	--	--	--	--	--	308	--
Asphalt and Road Oil	--	--	--	1,234	1,302	1,229	--	-278	--	111	3,932	7,541
Still Gas	--	--	--	897	--	--	--	--	--	--	897	--
Miscellaneous Products	--	--	--	70	--	--	--	6	--	12	52	57
Total	24,491	0	548	114,615	47,557	110,092	-3,611	3,959	113,984	11,129	164,622	145,458

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 3. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, August 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PAD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	2,213	3,239	--	--	20,452	2,106	-4,382	-891	24,518	0	0	6,905
Hydrocarbon Gas Liquids	22,850	-2,034	-10	1,151	589	2,338	--	1,802	564	11,148	11,369	12,661
Natural Gas Liquids	22,850	-2,034	-10	798	254	2,081	--	1,706	564	11,148	10,520	12,507
Ethane	9,814	--	--	--	--	--	--	94	--	2,310	1,364	1,109
Propane	7,427	--	--	472	237	6,710	--	1,308	--	5,789	7,749	8,490
Normal Butane	2,300	--	--	367	16	1,659	--	351	180	3,022	789	2,403
Isobutane	980	--	--	-41	1	-235	--	-40	126	1	618	130
Natural Gasoline	2,329	-2,034	-10	--	--	-7	--	-7	258	27	0	375
Refinery Olefins	--	--	--	353	335	257	--	96	--	--	849	154
Ethylene	--	--	--	22	--	--	--	--	--	--	22	--
Propylene	--	--	--	306	335	257	--	59	--	--	839	112
Normal Butylene	--	--	--	--	--	--	--	-1	--	--	1	0
Isobutylene	--	--	--	25	--	--	--	38	--	--	-13	42
Other Liquids	--	-1,204	586	--	21,246	60,805	10,441	-1,302	92,736	161	279	65,293
Hydrogen/Biofuels/Other Hydrocarbons	--	--	586	--	221	8,601	1,273	-655	10,934	124	279	7,861
Hydrogen	--	--	--	--	--	--	105	--	--	--	0	--
Biofuels (including Fuel Ethanol)	--	--	586	--	221	8,601	1,168	-655	10,829	124	279	7,861
Fuel Ethanol ⁶	--	--	382	--	--	8,506	1,168	-532	10,465	122	0	6,569
Biofuels (excluding Fuel Ethanol)	--	--	204	--	221	95	--	-124	364	2	279	1,292
Biodiesel	--	--	180	--	221	95	--	-128	353	2	269	1,241
Renewable Diesel Fuel	--	--	24	--	--	--	--	4	11	NA	9	51
Other Biofuels ⁷	--	--	--	--	--	--	--	--	--	NA	--	--
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-1,204	--	--	2,455	53	--	-364	1,646	22	0	3,355
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	--	--	--	18,570	52,151	9,168	-283	80,156	16	0	54,077
Reformulated	--	--	--	--	3,295	10,330	530	-2,012	16,166	1	0	18,053
Conventional	--	--	--	--	15,275	41,821	8,638	1,729	63,990	15	0	36,024
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	1	117,637	7,926	41,051	-10,336	-2,548	--	1,891	156,936	57,660
Finished Motor Gasoline	--	--	--	102,866	1,801	1,601	-10,336	840	--	44	95,048	3,365
Reformulated	--	--	--	37,018	--	--	-104	2	--	--	36,912	5
Conventional	--	--	--	65,848	1,801	1,601	-10,232	838	--	44	58,136	3,360
Finished Aviation Gasoline	--	--	--	--	35	132	--	9	--	--	158	150
Kerosene-Type Jet Fuel	--	--	--	3,028	883	13,984	--	699	--	14	17,182	12,208
Kerosene	--	--	--	172	50	--	--	-129	--	4	347	516
Distillate Fuel Oil ⁶	--	--	1	7,456	2,827	22,854	--	-1,892	--	644	34,386	28,039
15 ppm sulfur and under	--	--	1	7,568	2,827	22,644	--	-2,080	--	575	34,545	26,495
Greater than 15 to 500 ppm sulfur	--	--	--	17	--	99	--	34	--	19	63	568
Greater than 500 ppm sulfur	--	--	--	-129	--	111	--	154	--	50	-222	976
Residual Fuel Oil	--	--	--	763	926	--	--	-1,201	--	211	2,679	4,890
Less than 0.31 percent sulfur	--	--	--	-2	--	--	--	-33	--	NA	NA	587
0.31 to 1.00 percent sulfur	--	--	--	544	251	--	--	-29	--	NA	NA	1,464
Greater than 1.00 percent sulfur	--	--	--	221	675	--	--	-1,139	--	NA	NA	2,839
Petrochemical Feedstocks	--	--	--	16	3	--	--	3	--	0	16	8
Naphtha for Petro. Feed. Use	--	--	--	--	3	--	--	--	--	--	3	--
Other Oils for Petro. Feed. Use	--	--	--	16	--	--	--	--	--	0	13	8
Special Naphthas	--	--	--	13	3	--	--	2	--	--	14	48
Lubricants	--	--	--	363	115	311	--	71	--	184	534	1,437
Waxes	--	--	--	-21	75	--	--	-31	--	81	4	320
Petroleum Coke	--	--	--	658	--	637	--	--	--	602	694	--
Marketable	--	--	--	206	--	637	--	--	--	602	242	--
Catalyst	--	--	--	452	--	--	--	--	--	--	452	--
Asphalt and Road Oil	--	--	--	1,329	1,208	1,532	--	-925	--	93	4,901	6,616
Still Gas	--	--	--	923	--	--	--	--	--	--	923	--
Miscellaneous Products	--	--	--	71	--	--	--	6	--	15	50	63
Total	25,063	0	577	118,788	50,213	106,300	-4,277	-2,939	117,818	13,201	168,584	142,519

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 3. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, September 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	2,013	2,212	--	--	17,487	827	-1,667	635	20,235	1	0	7,540
Hydrocarbon Gas Liquids	21,402	-1,919	-8	437	958	806	--	-837	2,035	9,980	10,498	11,823
Natural Gas Liquids	21,402	-1,919	-8	127	655	585	--	-892	2,035	9,980	9,720	11,614
Ethane	8,795	--	--	--	--	--	--	-214	--	2,466	591	895
Propane	7,180	--	--	393	558	5,343	--	-20	--	5,692	7,802	8,470
Normal Butane	2,243	--	--	-191	84	1,617	--	-612	1,686	1,786	893	1,791
Isobutane	947	--	--	-75	13	-413	--	-20	57	1	434	110
Natural Gasoline	2,237	-1,919	-8	--	--	-9	--	-26	292	35	0	348
Refinery Olefins	--	--	--	310	303	220	--	55	--	--	778	209
Ethylene	--	--	--	13	--	--	--	--	--	--	13	--
Propylene	--	--	--	279	303	220	--	-4	--	--	806	108
Normal Butylene	--	--	--	1	--	--	--	97	--	--	-96	97
Isobutylene	--	--	--	17	--	--	--	-38	--	--	55	4
Other Liquids	--	-293	474	--	18,664	61,086	8,354	2,441	85,279	276	290	67,733
Hydrogen/Biofuels/Other Hydrocarbons	--	--	474	--	841	9,069	500	153	10,190	251	290	8,013
Hydrogen	--	--	--	--	--	--	108	--	--	--	0	--
Biofuels (including Fuel Ethanol)	--	--	474	--	841	9,069	392	153	10,082	251	290	8,013
Fuel Ethanol ⁶	--	--	303	--	249	9,007	392	-1	9,704	248	0	6,568
Biofuels (excluding Fuel Ethanol)	--	--	171	--	592	62	--	154	378	3	290	1,446
Biodiesel	--	--	171	--	592	62	--	155	363	3	304	1,396
Renewable Diesel Fuel	--	--	--	--	--	0	--	-1	15	NA	-14	50
Other Biofuels ⁷	--	--	--	--	--	0	--	--	--	NA	0	--
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-293	--	--	2,196	279	--	285	1,878	19	0	3,640
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	--	--	--	15,627	51,738	7,854	2,003	73,211	5	0	56,080
Reformulated	--	--	--	--	4,001	6,067	4,036	1,589	12,515	0	0	19,642
Conventional	--	--	--	--	11,626	45,671	3,818	414	60,696	5	0	36,438
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	107,973	10,954	38,839	-8,246	-735	--	1,931	148,325	56,925
Finished Motor Gasoline	--	--	--	95,115	3,541	2,218	-8,246	-654	--	43	93,238	2,711
Reformulated	--	--	--	34,979	--	--	-3,720	-1	--	--	31,260	4
Conventional	--	--	--	60,136	3,541	2,218	-4,526	-653	--	43	61,979	2,707
Finished Aviation Gasoline	--	--	--	--	44	88	--	29	--	--	103	179
Kerosene-Type Jet Fuel	--	--	--	2,235	1,612	14,309	--	184	--	9	17,963	12,392
Kerosene	--	--	--	-11	--	174	--	-55	--	4	214	461
Distillate Fuel Oil ⁶	--	--	0	6,995	2,825	20,374	--	-173	--	975	29,393	27,866
15 ppm sulfur and under	--	--	0	7,143	2,823	20,176	--	65	--	954	29,123	26,560
Greater than 15 to 500 ppm sulfur	--	--	--	15	2	--	--	-60	--	20	57	508
Greater than 500 ppm sulfur	--	--	--	-163	--	198	--	-178	--	--	213	798
Residual Fuel Oil	--	--	--	649	1,742	--	--	737	--	8	1,646	5,627
Less than 0.31 percent sulfur	--	--	--	-6	--	--	--	-19	--	NA	NA	568
0.31 to 1.00 percent sulfur	--	--	--	553	149	--	--	-472	--	NA	NA	992
Greater than 1.00 percent sulfur	--	--	--	102	1,593	--	--	1,228	--	NA	NA	4,067
Petrochemical Feedstocks	--	--	--	17	--	--	--	-2	--	113	-94	6
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	17	--	--	--	--	--	113	-94	6
Special Naphthas	--	--	--	18	--	--	--	8	--	--	10	56
Lubricants	--	--	--	357	113	264	--	-70	--	181	623	1,367
Waxes	--	--	--	-20	82	--	--	-11	--	91	-18	309
Petroleum Coke	--	--	--	633	--	257	--	--	--	434	456	--
Marketable	--	--	--	236	--	257	--	--	--	434	59	--
Catalyst	--	--	--	397	--	--	--	--	--	--	397	--
Asphalt and Road Oil	--	--	--	1,134	995	1,155	--	-717	--	60	3,942	5,899
Still Gas	--	--	--	794	--	--	--	--	--	--	794	--
Miscellaneous Products	--	--	--	57	--	--	--	-11	--	12	56	52
Total	23,415	0	466	108,410	48,063	101,557	-1,559	1,503	107,549	12,188	159,113	144,022

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 3. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, October 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	2,169	2,488	--	--	17,005	781	-2,809	1,081	18,553	1	0	8,621
Hydrocarbon Gas Liquids	21,015	-1,921	-9	556	1,008	3,407	--	1,205	2,220	7,828	12,804	13,028
Natural Gas Liquids	21,015	-1,921	-9	246	754	3,147	--	1,174	2,220	7,828	12,011	12,788
Ethane	7,867	--	--	--	--	--	--	127	--	2,146	514	1,022
Propane	7,507	--	--	331	648	6,980	--	602	--	4,831	10,033	9,072
Normal Butane	2,358	--	--	-127	98	1,774	--	464	1,807	821	1,011	2,255
Isobutane	971	--	--	42	8	-520	--	47	--	--	454	157
Natural Gasoline	2,312	-1,921	-9	--	--	-6	--	-66	413	30	0	282
Refinery Olefins	--	--	--	310	254	260	--	31	--	--	793	240
Ethylene	--	--	--	11	--	--	--	--	--	--	11	--
Propylene	--	--	--	288	254	260	--	29	--	--	773	137
Normal Butylene	--	--	--	-13	--	--	--	-16	--	--	3	81
Isobutylene	--	--	--	24	--	--	--	18	--	--	6	22
Other Liquids	--	-568	547	--	16,589	65,088	6,457	-3,144	90,487	354	416	64,589
Hydrogen/Biofuels/Other Hydrocarbons	--	--	547	--	558	9,366	931	-130	10,785	331	416	7,883
Hydrogen	--	--	--	--	--	--	68	--	--	--	0	--
Biofuels (including Fuel Ethanol)	--	--	547	--	558	9,366	863	-130	10,717	331	416	7,883
Fuel Ethanol ⁶	--	--	343	--	--	9,246	863	-117	10,238	331	0	6,451
Biofuels (excluding Fuel Ethanol)	--	--	204	--	558	120	--	-13	479	0	416	1,432
Biodiesel	--	--	204	--	558	100	--	0	469	0	393	1,395
Renewable Diesel Fuel	--	--	--	--	--	20	--	-13	10	NA	23	37
Other Biofuels ⁷	--	--	--	--	--	--	--	--	--	NA	--	--
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-568	--	--	1,518	16	--	367	581	18	0	4,007
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	--	--	--	14,513	55,706	5,526	-3,381	79,121	5	0	52,699
Reformulated	--	--	--	--	3,907	7,908	3,443	-2,602	17,859	1	0	17,040
Conventional	--	--	--	--	10,606	47,798	2,083	-779	61,262	4	0	35,659
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	111,667	6,099	43,951	-6,389	-5,939	--	1,087	160,180	50,986
Finished Motor Gasoline	--	--	--	100,239	1,784	2,308	-6,389	381	--	78	97,484	3,092
Reformulated	--	--	--	36,936	--	--	-2,862	1	--	--	34,073	5
Conventional	--	--	--	63,303	1,784	2,308	-3,526	380	--	78	63,411	3,087
Finished Aviation Gasoline	--	--	--	--	--	43	--	-55	--	--	98	124
Kerosene-Type Jet Fuel	--	--	--	1,568	10	17,159	--	-2,121	--	14	20,844	10,271
Kerosene	--	--	--	66	--	--	--	115	--	4	-53	576
Distillate Fuel Oil ⁶	--	--	0	6,151	2,500	22,463	--	-2,371	--	36	33,449	25,495
15 ppm sulfur and under	--	--	0	6,209	2,494	22,275	--	-2,377	--	16	33,340	24,183
Greater than 15 to 500 ppm sulfur	--	--	--	67	6	--	--	22	--	19	32	530
Greater than 500 ppm sulfur	--	--	--	-125	--	188	--	-16	--	1	78	782
Residual Fuel Oil	--	--	--	632	1,131	--	--	-267	--	4	2,026	5,360
Less than 0.31 percent sulfur	--	--	--	4	171	--	--	60	--	NA	NA	628
0.31 to 1.00 percent sulfur	--	--	--	627	468	--	--	171	--	NA	NA	1,163
Greater than 1.00 percent sulfur	--	--	--	1	492	--	--	-498	--	NA	NA	3,569
Petrochemical Feedstocks	--	--	--	16	1	--	--	0	--	--	17	6
Naphtha for Petro. Feed. Use	--	--	--	--	1	--	--	--	--	--	1	--
Other Oils for Petro. Feed. Use	--	--	--	16	--	--	--	--	--	--	16	6
Special Naphthas	--	--	--	12	2	--	--	7	--	--	7	63
Lubricants	--	--	--	399	123	316	--	-120	--	229	729	1,247
Waxes	--	--	--	-3	113	--	--	-10	--	71	49	299
Petroleum Coke	--	--	--	618	1	127	--	--	--	469	276	--
Marketable	--	--	--	246	1	127	--	--	--	469	-96	--
Catalyst	--	--	--	372	--	--	--	--	--	--	372	--
Asphalt and Road Oil	--	--	--	1,220	434	1,535	--	-1,495	--	168	4,515	4,404
Still Gas	--	--	--	688	--	--	--	--	--	--	688	--
Miscellaneous Products	--	--	--	61	--	--	--	-3	--	13	51	49
Total	23,184	0	539	112,223	40,701	113,227	-2,741	-6,797	111,260	9,269	173,400	137,225

-- = Not Applicable.

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⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isoctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 3. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, November 2023
(Thousand Barrels)

Commodity	Supply							Disposition					Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PAD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵		
Crude Oil	2,033	4,073	--	--	20,943	1,815	-6,783	-103	22,182	1	0	8,518	
Hydrocarbon Gas Liquids	21,093	-1,912	-10	505	1,585	1,237	--	351	2,137	6,154	13,856	13,380	
Natural Gas Liquids	21,093	-1,912	-10	147	1,357	1,049	--	299	2,137	6,154	13,134	13,088	
Ethane	8,244	--	--	--	--	--	--	18	--	1,715	489	1,040	
Propane	7,345	--	--	386	1,267	5,837	--	675	--	3,974	10,186	9,747	
Normal Butane	2,260	--	--	-228	73	1,716	--	-299	1,762	416	1,942	1,956	
Isobutane	984	--	--	-11	17	-475	--	-2	--	--	517	155	
Natural Gasoline	2,260	-1,912	-10	--	--	-7	--	-93	375	49	0	190	
Refinery Olefins	--	--	--	358	228	188	--	52	--	--	722	292	
Ethylene	--	--	--	22	--	--	--	--	--	--	22	--	
Propylene	--	--	--	328	228	188	--	14	--	--	730	151	
Normal Butylene	--	--	--	-1	--	--	--	22	--	--	-23	103	
Isobutylene	--	--	--	9	--	--	--	16	--	--	-7	38	
Other Liquids	--	-2,161	567	--	14,054	63,764	6,921	-2,469	85,038	63	512	62,121	
Hydrogen/Biofuels/Other Hydrocarbons	--	--	567	--	664	9,396	380	58	10,402	34	512	7,942	
Hydrogen	--	--	--	--	--	--	87	--	--	--	0	--	
Biofuels (including Fuel Ethanol)	--	--	567	--	664	9,396	293	58	10,315	34	512	7,942	
Fuel Ethanol ⁶	--	--	373	--	--	9,269	293	91	9,813	31	0	6,542	
Biofuels (excluding Fuel Ethanol)	--	--	194	--	664	127	--	-32	502	3	512	1,400	
Biodiesel	--	--	194	--	664	117	--	-22	496	3	498	1,373	
Renewable Diesel Fuel	--	--	--	--	--	10	--	-10	6	NA	14	27	
Other Biofuels ⁷	--	--	--	--	--	--	--	--	--	NA	--	--	
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--	
Unfinished Oils	--	-2,161	--	--	2,443	13	--	-404	673	26	0	3,603	
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	--	--	--	10,947	54,355	6,541	-2,123	73,963	3	0	50,576	
Reformulated	--	--	--	--	3,634	7,631	4,434	-798	16,497	0	0	16,242	
Conventional	--	--	--	--	7,313	46,724	2,107	-1,325	57,466	3	0	34,334	
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--	
Finished Petroleum Products	--	--	0	109,827	8,544	45,455	-6,834	-1,359	--	1,871	156,481	49,627	
Finished Motor Gasoline	--	--	--	96,146	3,122	2,244	-6,834	-208	--	44	94,842	2,884	
Reformulated	--	--	--	35,627	--	--	-4,523	0	--	--	31,104	5	
Conventional	--	--	--	60,519	3,122	2,244	-2,311	-208	--	44	63,738	2,879	
Finished Aviation Gasoline	--	--	--	--	--	319	--	56	--	--	263	180	
Kerosene-Type Jet Fuel	--	--	--	2,206	834	15,378	--	-1,796	--	171	20,043	8,475	
Kerosene	--	--	--	155	--	108	--	160	--	3	100	736	
Distillate Fuel Oil ⁶	--	--	0	7,402	3,470	25,300	--	1,841	--	418	33,913	27,336	
15 ppm sulfur and under	--	--	0	7,411	3,392	25,012	--	1,859	--	394	33,562	26,042	
Greater than 15 to 500 ppm sulfur	--	--	--	106	78	--	--	73	--	24	87	603	
Greater than 500 ppm sulfur	--	--	--	-115	--	288	--	-91	--	--	264	691	
Residual Fuel Oil	--	--	--	997	597	--	--	-729	--	8	2,315	4,631	
Less than 0.31 percent sulfur	--	--	--	158	--	--	--	-74	--	NA	NA	554	
0.31 to 1.00 percent sulfur	--	--	--	662	--	--	--	171	--	NA	NA	1,334	
Greater than 1.00 percent sulfur	--	--	--	177	597	--	--	-826	--	NA	NA	2,743	
Petrochemical Feedstocks	--	--	--	16	21	--	--	-1	--	103	-65	5	
Naphtha for Petro. Feed. Use	--	--	--	--	21	--	--	--	--	--	21	--	
Other Oils for Petro. Feed. Use	--	--	--	16	--	--	--	--	--	103	-86	5	
Special Naphthas	--	--	--	-2	1	148	--	-12	--	--	159	51	
Lubricants	--	--	--	399	196	337	--	47	--	219	666	1,294	
Waxes	--	--	--	-10	71	--	--	-6	--	-10	76	-9	
Petroleum Coke	--	--	--	650	--	777	--	--	--	733	694	--	
Marketable	--	--	--	252	--	777	--	--	--	733	296	--	
Catalyst	--	--	--	398	--	--	--	--	--	--	398	--	
Asphalt and Road Oil	--	--	--	998	232	844	--	-713	--	79	2,708	3,691	
Still Gas	--	--	--	807	--	--	--	--	--	--	807	--	
Miscellaneous Products	--	--	--	63	--	--	--	2	--	16	45	51	
Total	23,126	0	557	110,332	45,126	112,271	-6,696	-3,579	109,357	8,090	170,849	133,645	

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 3. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, December 2023
(Thousand Barrels)

Commodity	Supply							Disposition				
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	Ending Stocks
Crude Oil	1,867	2,298	--	--	17,878	1,565	-888	-1,317	24,036	1	0	7,201
Hydrocarbon Gas Liquids	21,789	-1,889	-9	293	2,124	3,302	--	-2,097	2,099	8,733	16,876	11,282
Natural Gas Liquids	21,789	-1,889	-9	-15	1,804	3,142	--	-1,952	2,099	8,733	15,943	11,135
Ethane	8,731	--	--	--	--	--	--	186	--	1,999	816	1,226
Propane	7,497	--	--	466	1,793	7,701	--	-2,011	--	5,962	13,507	7,736
Normal Butane	2,308	--	--	-431	8	1,578	--	-124	1,651	721	1,214	1,832
Isobutane	967	--	--	-50	3	-400	--	-17	131	--	406	138
Natural Gasoline	2,286	-1,889	-9	--	--	-7	--	14	317	50	0	203
Refinery Olefins	--	--	--	308	320	160	--	-145	--	--	933	147
Ethylene	--	--	--	4	--	--	--	--	--	--	4	--
Propylene	--	--	--	293	320	160	--	-13	--	--	786	138
Normal Butylene	--	--	--	--	--	--	--	-103	--	--	103	0
Isobutylene	--	--	--	11	--	--	--	-29	--	--	40	9
Other Liquids	--	-409	565	--	18,808	67,363	4,487	7,335	82,889	59	531	69,456
Hydrogen/Biofuels/Other Hydrocarbons	--	--	565	--	621	11,193	-1,264	212	10,341	31	531	8,154
Hydrogen	--	--	--	--	--	--	94	--	--	--	0	--
Biofuels (including Fuel Ethanol)	--	--	565	--	621	11,193	-1,358	212	10,247	31	531	8,154
Fuel Ethanol ⁶	--	--	371	--	--	11,028	-1,358	322	9,692	27	0	6,864
Biofuels (excluding Fuel Ethanol)	--	--	194	--	621	165	--	-110	555	4	531	1,290
Biodiesel	--	--	194	--	621	165	--	-103	552	4	527	1,270
Renewable Diesel Fuel	--	--	--	--	--	--	--	-7	3	NA	4	20
Other Biofuels ⁷	--	--	--	--	--	--	--	--	--	NA	--	--
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-409	--	--	2,068	-13	--	-1	1,625	22	0	3,602
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	--	--	--	16,119	56,183	5,752	7,124	70,923	7	0	57,700
Reformulated	--	--	--	--	5,082	8,181	4,697	4,872	13,087	1	0	21,114
Conventional	--	--	--	--	11,037	48,002	1,055	2,252	57,836	6	0	36,586
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	109,985	12,744	47,660	-4,393	8,384	--	1,123	156,490	58,011
Finished Motor Gasoline	--	--	--	94,940	2,883	2,367	-4,393	-499	--	80	96,216	2,385
Reformulated	--	--	--	35,782	--	--	-4,256	0	--	--	31,526	5
Conventional	--	--	--	59,158	2,883	2,367	-137	-499	--	80	64,690	2,380
Finished Aviation Gasoline	--	--	--	--	12	37	--	-31	--	--	80	149
Kerosene-Type Jet Fuel	--	--	--	2,968	1,479	15,313	--	115	--	21	19,624	8,590
Kerosene	--	--	--	76	--	109	--	281	--	8	-104	1,017
Distillate Fuel Oil ⁶	--	--	0	7,820	6,495	27,980	--	7,833	--	31	34,432	35,169
15 ppm sulfur and under	--	--	0	7,825	6,495	27,766	--	7,952	--	11	34,123	33,994
Greater than 15 to 500 ppm sulfur	--	--	--	168	--	--	--	-51	--	19	200	552
Greater than 500 ppm sulfur	--	--	--	-173	--	214	--	-68	--	0	109	623
Residual Fuel Oil	--	--	--	1,106	1,074	57	--	228	--	4	2,005	4,859
Less than 0.31 percent sulfur	--	--	--	365	--	57	--	-120	--	NA	NA	434
0.31 to 1.00 percent sulfur	--	--	--	556	--	--	--	-178	--	NA	NA	1,156
Greater than 1.00 percent sulfur	--	--	--	185	1,074	--	--	526	--	NA	NA	3,269
Petrochemical Feedstocks	--	--	--	16	63	--	--	2	--	110	-33	7
Naphtha for Petro. Feed. Use	--	--	--	--	63	--	--	--	--	--	63	--
Other Oils for Petro. Feed. Use	--	--	--	16	--	--	--	--	--	110	-96	7
Special Naphthas	--	--	--	-2	1	--	--	2	--	--	-3	53
Lubricants	--	--	--	359	91	362	--	86	--	280	446	1,380
Waxes	--	--	--	-8	88	--	--	14	--	64	2	307
Petroleum Coke	--	--	--	715	--	424	--	--	--	447	692	--
Marketable	--	--	--	257	--	424	--	--	--	447	234	--
Catalyst	--	--	--	458	--	--	--	--	--	--	458	--
Asphalt and Road Oil	--	--	--	982	558	1,011	--	344	--	60	2,147	4,035
Still Gas	--	--	--	942	--	--	--	--	--	--	942	--
Miscellaneous Products	--	--	--	71	--	--	--	9	--	17	45	60
Total	23,656	0	556	110,278	51,554	119,890	-794	12,305	109,024	9,915	173,896	145,950

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 4. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	65	49	--	--	533	121	-16	-14	768	0	0
Hydrocarbon Gas Liquids	679	-47	0	15	57	99	--	-6	58	212	539
Natural Gas Liquids	679	-47	0	5	47	94	--	-11	58	212	518
Ethane	292	--	--	--	--	-159	--	4	--	90	38
Propane	224	--	--	16	45	229	--	-16	--	--	425
Normal Butane	66	--	--	-10	2	44	--	2	44	--	41
Isobutane	31	--	--	-1	0	-12	--	-1	5	0	14
Natural Gasoline	66	-47	0	--	--	-8	--	0	9	1	0
Refinery Olefins	--	--	--	10	10	6	--	4	--	--	20
Ethylene	--	--	--	0	--	--	--	--	--	--	0
Propylene	--	--	--	9	10	6	--	0	--	--	24
Normal Butylene	--	--	--	0	--	--	--	5	--	--	-5
Isobutylene	--	--	--	1	--	--	--	0	--	--	1
Other Liquids	--	-2	17	--	487	1,984	310	207	2,574	4	11
Hydrogen/Biofuels/Other Hydrocarbons	--	--	17	--	18	274	54	25	323	3	11
Hydrogen	--	--	--	--	--	--	3	--	3	--	0
Biofuels (including Fuel Ethanol)	--	--	17	--	18	274	51	25	320	3	11
Fuel Ethanol ⁶	--	--	11	--	--	268	51	24	303	3	0
Biofuels (excluding Fuel Ethanol)	--	--	6	--	18	6	--	2	17	0	11
Biodiesel	--	--	6	--	18	6	--	2	17	0	11
Renewable Diesel Fuel	--	--	--	--	--	0	--	--	--	NA	0
Other Biofuels ⁷	--	--	--	--	--	--	--	--	--	NA	--
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-2	--	--	56	-1	--	15	37	1	0
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	--	--	--	413	1,711	257	166	2,214	0	0
Reformulated	--	--	--	--	143	222	113	54	424	0	0
Conventional	--	--	--	--	270	1,488	144	112	1,790	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	3,419	524	1,415	-307	-31	--	74	5,009
Finished Motor Gasoline	--	--	--	2,959	104	77	-307	14	--	2	2,816
Reformulated	--	--	--	1,078	--	--	-115	0	--	--	963
Conventional	--	--	--	1,881	104	77	-192	14	--	2	1,853
Finished Aviation Gasoline	--	--	--	--	--	4	--	0	--	--	4
Kerosene-Type Jet Fuel	--	--	--	102	34	415	--	-47	--	13	585
Kerosene	--	--	--	1	0	10	--	-23	--	0	33
Distillate Fuel Oil ⁶	--	--	0	231	260	846	--	-41	--	14	1,364
15 ppm sulfur and under	--	--	0	227	256	833	--	-23	--	0	1,339
Greater than 15 to 500 ppm sulfur	--	--	--	2	--	--	--	0	--	14	-11
Greater than 500 ppm sulfur	--	--	--	2	4	13	--	-18	--	0	37
Residual Fuel Oil	--	--	--	29	89	--	--	17	--	0	101
Less than 0.31 percent sulfur	--	--	--	-1	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	22	19	--	--	-1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	8	71	--	--	18	--	NA	NA
Petrochemical Feedstocks	--	--	--	0	3	--	--	0	--	3	0
Naphtha for Petro. Feed. Use	--	--	--	--	3	--	--	--	--	--	3
Other Oils for Petro. Feed. Use	--	--	--	0	0	--	--	--	--	3	-3
Special Naphthas	--	--	--	0	0	--	--	0	--	--	0
Lubricants	--	--	--	12	3	16	--	-1	--	5	27
Waxes	--	--	--	-1	3	--	--	0	--	2	0
Petroleum Coke	--	--	--	22	--	14	--	--	--	31	5
Marketable	--	--	--	8	--	14	--	--	--	31	-9
Catalyst	--	--	--	14	--	--	--	--	--	--	14
Asphalt and Road Oil	--	--	--	34	27	35	--	50	--	3	43
Still Gas	--	--	--	27	--	--	--	--	--	--	27
Miscellaneous Products	--	--	--	3	--	--	--	0	--	1	2
Total	744	0	17	3,434	1,600	3,620	-13	155	3,399	289	5,558

-- = Not Applicable.
 - = No Data Reported.
 NA = Not Available.
¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.
² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.
³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.
⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).
⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.
⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.
⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.
 Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.
 Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 4. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, February 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	69	55	--	--	573	60	-68	16	673	0	0
Hydrocarbon Gas Liquids	689	-45	0	7	62	91	--	-18	54	186	582
Natural Gas Liquids	689	-45	0	6	52	82	--	-14	54	186	559
Ethane	305	--	--	--	--	-176	--	9	--	57	64
Propane	222	--	--	12	52	224	--	-25	--	--	429
Normal Butane	66	--	--	-5	0	54	--	0	40	--	53
Isobutane	30	--	--	-1	--	-12	--	0	4	0	13
Natural Gasoline	65	-45	0	--	--	-8	--	2	10	2	0
Refinery Olefins	--	--	--	1	9	9	--	-3	--	--	23
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	1	9	9	--	-2	--	--	22
Normal Butylene	--	--	--	0	--	--	--	-1	--	--	1
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-10	16	--	505	2,202	255	153	2,802	8	5
Hydrogen/Biofuels/Other Hydrocarbons	--	--	16	--	18	330	11	26	338	7	5
Hydrogen	--	--	--	--	--	--	2	--	2	--	0
Biofuels (including Fuel Ethanol)	--	--	16	--	18	330	8	26	336	7	5
Fuel Ethanol ⁶	--	--	11	--	--	323	8	16	319	6	0
Biofuels (excluding Fuel Ethanol)	--	--	5	--	18	8	--	9	17	0	5
Biodiesel	--	--	5	--	18	8	--	9	16	0	5
Renewable Diesel Fuel	--	--	0	--	--	--	--	--	0	NA	0
Other Biofuels ⁷	--	--	--	--	--	--	--	--	--	NA	--
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-10	--	--	43	0	--	16	16	1	0
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	--	--	--	444	1,872	244	112	2,449	0	0
Reformulated	--	--	--	--	149	233	133	5	511	0	0
Conventional	--	--	--	--	295	1,639	111	107	1,938	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	3,539	513	1,572	-253	157	--	48	5,166
Finished Motor Gasoline	--	--	--	3,116	64	69	-253	-28	--	2	3,023
Reformulated	--	--	--	1,139	--	--	-138	0	--	--	1,002
Conventional	--	--	--	1,977	64	69	-115	-28	--	2	2,022
Finished Aviation Gasoline	--	--	--	--	1	4	--	2	--	--	3
Kerosene-Type Jet Fuel	--	--	--	89	83	499	--	84	--	11	575
Kerosene	--	--	--	5	--	11	--	-7	--	0	23
Distillate Fuel Oil ⁶	--	--	0	214	266	925	--	99	--	8	1,297
15 ppm sulfur and under	--	--	0	215	266	914	--	106	--	7	1,282
Greater than 15 to 500 ppm sulfur	--	--	--	-1	--	--	--	-1	--	1	-1
Greater than 500 ppm sulfur	--	--	--	-1	--	11	--	-6	--	0	16
Residual Fuel Oil	--	--	--	27	73	--	--	-24	--	8	116
Less than 0.31 percent sulfur	--	--	--	0	17	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	20	32	--	--	9	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	7	24	--	--	-33	--	NA	NA
Petrochemical Feedstocks	--	--	--	0	1	--	--	0	--	0	2
Naphtha for Petro. Feed. Use	--	--	--	--	0	--	--	--	--	--	0
Other Oils for Petro. Feed. Use	--	--	--	0	1	--	--	--	--	0	1
Special Naphthas	--	--	--	0	0	--	--	0	--	--	0
Lubricants	--	--	--	14	4	17	--	-2	--	7	31
Waxes	--	--	--	-1	3	--	--	1	--	2	-1
Petroleum Coke	--	--	--	16	--	10	--	--	--	8	18
Marketable	--	--	--	8	--	10	--	--	--	8	10
Catalyst	--	--	--	8	--	--	--	--	--	--	8
Asphalt and Road Oil	--	--	--	34	20	37	--	33	--	2	56
Still Gas	--	--	--	22	--	--	--	--	--	--	22
Miscellaneous Products	--	--	--	2	--	--	--	0	--	1	2
Total	758	0	16	3,546	1,654	3,926	-66	309	3,529	242	5,753

-- = Not Applicable.
 - = No Data Reported.
 NA = Not Available.
¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.
² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.
³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.
⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).
⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.
⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.
⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.
 Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.
 Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 4. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, March 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	67	76	--	--	521	74	-135	-19	621	0	0
Hydrocarbon Gas Liquids	682	-46	0	8	55	84	--	-45	42	300	486
Natural Gas Liquids	682	-46	0	6	45	78	--	-40	42	300	465
Ethane	298	--	--	--	--	-173	--	-5	--	74	57
Propane	222	--	--	12	45	208	--	-36	--	--	360
Normal Butane	67	--	--	-5	--	62	--	0	27	--	35
Isobutane	30	--	--	-1	0	-12	--	1	4	0	13
Natural Gasoline	65	-46	0	--	--	-8	--	0	10	1	0
Refinery Olefins	--	--	--	2	9	6	--	-4	--	--	21
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	2	9	6	--	-1	--	--	18
Normal Butylene	--	--	--	0	--	--	--	-3	--	--	3
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-31	17	--	385	2,152	34	-382	2,930	5	5
Hydrogen/Biofuels/Other Hydrocarbons	--	--	17	--	14	348	-42	-21	349	4	5
Hydrogen	--	--	--	--	--	--	3	--	3	--	0
Biofuels (including Fuel Ethanol)	--	--	17	--	14	348	-45	-21	346	4	5
Fuel Ethanol ⁶	--	--	11	--	--	342	-45	-24	328	4	0
Biofuels (excluding Fuel Ethanol)	--	--	6	--	14	6	--	3	18	0	5
Biodiesel	--	--	6	--	14	6	--	3	18	0	5
Renewable Diesel Fuel	--	--	--	--	--	--	--	--	--	NA	--
Other Biofuels ⁷	--	--	--	--	--	--	--	--	--	NA	--
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-31	--	--	45	-1	--	-10	23	1	0
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	--	--	--	325	1,805	77	-351	2,558	0	0
Reformulated	--	--	--	--	124	201	175	-68	568	0	0
Conventional	--	--	--	--	202	1,604	-98	-283	1,990	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	3,605	327	1,326	-32	-335	--	109	5,453
Finished Motor Gasoline	--	--	--	3,222	61	58	-32	-24	--	2	3,331
Reformulated	--	--	--	1,159	--	--	-168	0	--	--	991
Conventional	--	--	--	2,063	61	58	136	-24	--	2	2,340
Finished Aviation Gasoline	--	--	--	--	--	1	--	-1	--	--	2
Kerosene-Type Jet Fuel	--	--	--	84	37	433	--	-28	--	1	581
Kerosene	--	--	--	0	--	--	--	-3	--	0	3
Distillate Fuel Oil ⁶	--	--	0	189	128	775	--	-289	--	46	1,335
15 ppm sulfur and under	--	--	0	189	128	768	--	-285	--	40	1,329
Greater than 15 to 500 ppm sulfur	--	--	--	0	0	--	--	1	--	1	-2
Greater than 500 ppm sulfur	--	--	--	0	--	7	--	-6	--	5	8
Residual Fuel Oil	--	--	--	24	66	--	--	-20	--	36	74
Less than 0.31 percent sulfur	--	--	--	-1	17	--	--	-2	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	22	18	--	--	-7	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	3	31	--	--	-11	--	NA	NA
Petrochemical Feedstocks	--	--	--	1	0	--	--	0	--	0	1
Naphtha for Petro. Feed. Use	--	--	--	--	0	--	--	--	--	--	0
Other Oils for Petro. Feed. Use	--	--	--	1	0	--	--	--	--	0	0
Special Naphthas	--	--	--	0	0	--	--	0	--	--	0
Lubricants	--	--	--	9	5	20	--	-5	--	11	27
Waxes	--	--	--	0	3	--	--	1	--	2	0
Petroleum Coke	--	--	--	16	--	3	--	--	--	8	12
Marketable	--	--	--	8	--	3	--	--	--	8	4
Catalyst	--	--	--	8	--	--	--	--	--	--	8
Asphalt and Road Oil	--	--	--	36	27	35	--	34	--	3	62
Still Gas	--	--	--	23	--	--	--	--	--	--	23
Miscellaneous Products	--	--	--	1	--	--	--	0	--	1	1
Total	749	0	16	3,613	1,287	3,635	-133	-781	3,592	413	5,943

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 4. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, April 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	67	92	--	--	668	87	-95	37	782	0	0
Hydrocarbon Gas Liquids	638	-56	0	31	28	95	--	44	29	261	402
Natural Gas Liquids	638	-56	0	22	17	86	--	42	29	261	375
Ethane	249	--	--	--	--	-171	--	-1	--	61	19
Propane	224	--	--	14	15	219	--	36	--	--	312
Normal Butane	67	--	--	10	2	47	--	3	19	--	28
Isobutane	31	--	--	-1	0	-9	--	1	4	0	16
Natural Gasoline	67	-56	0	--	--	0	--	3	6	1	0
Refinery Olefins	--	--	--	9	10	9	--	1	--	--	27
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	9	10	9	--	3	--	--	26
Normal Butylene	--	--	--	--	--	--	--	-1	--	--	1
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-36	18	--	693	2,018	202	-11	2,891	7	7
Hydrogen/Biofuels/Other Hydrocarbons	--	--	18	--	12	295	27	-5	345	6	7
Hydrogen	--	--	--	--	--	--	2	--	2	--	0
Biofuels (including Fuel Ethanol)	--	--	18	--	12	295	25	-5	343	6	7
Fuel Ethanol ⁶	--	--	12	--	--	292	25	-5	328	6	0
Biofuels (excluding Fuel Ethanol)	--	--	6	--	12	3	--	0	15	0	7
Biodiesel	--	--	6	--	12	3	--	0	15	0	7
Renewable Diesel Fuel	--	--	--	--	--	--	--	--	--	NA	--
Other Biofuels ⁷	--	--	--	--	--	--	--	--	--	NA	--
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-36	--	--	85	0	--	5	43	1	0
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	--	--	--	595	1,722	175	-11	2,503	0	0
Reformulated	--	--	--	--	136	256	130	-45	567	--	0
Conventional	--	--	--	--	460	1,466	45	34	1,936	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	3,706	379	1,444	-200	225	--	23	5,082
Finished Motor Gasoline	--	--	--	3,230	110	92	-200	30	--	1	3,201
Reformulated	--	--	--	1,170	--	--	-113	0	--	--	1,057
Conventional	--	--	--	2,060	110	92	-88	30	--	1	2,144
Finished Aviation Gasoline	--	--	--	--	--	2	--	-2	--	--	3
Kerosene-Type Jet Fuel	--	--	--	104	68	535	--	87	--	1	619
Kerosene	--	--	--	-3	--	--	--	-5	--	0	2
Distillate Fuel Oil ⁶	--	--	0	252	131	743	--	36	--	4	1,088
15 ppm sulfur and under	--	--	0	251	131	735	--	32	--	0	1,086
Greater than 15 to 500 ppm sulfur	--	--	--	1	0	--	--	-1	--	3	-1
Greater than 500 ppm sulfur	--	--	--	0	--	8	--	5	--	0	3
Residual Fuel Oil	--	--	--	25	25	--	--	59	--	0	-9
Less than 0.31 percent sulfur	--	--	--	0	--	--	--	10	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	14	2	--	--	22	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	11	23	--	--	27	--	NA	NA
Petrochemical Feedstocks	--	--	0	6	6	--	--	0	--	--	7
Naphtha for Petro. Feed. Use	--	--	--	--	6	--	--	--	--	--	6
Other Oils for Petro. Feed. Use	--	--	--	0	0	--	--	--	--	--	0
Special Naphthas	--	--	--	0	0	--	--	0	--	--	0
Lubricants	--	--	--	11	2	17	--	6	--	6	19
Waxes	--	--	--	0	3	--	--	1	--	2	0
Petroleum Coke	--	--	--	14	--	17	--	--	--	7	24
Marketable	--	--	--	2	--	17	--	--	--	7	11
Catalyst	--	--	--	12	--	--	--	--	--	--	12
Asphalt and Road Oil	--	--	--	41	34	39	--	14	--	2	98
Still Gas	--	--	--	30	--	--	--	--	--	--	30
Miscellaneous Products	--	--	--	1	--	--	--	0	--	0	1
Total	705	0	18	3,737	1,768	3,644	-94	295	3,703	291	5,490

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 4. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, May 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	67	77	--	--	618	67	-84	-8	753	0	0
Hydrocarbon Gas Liquids	681	-65	0	34	23	35	--	-20	5	357	365
Natural Gas Liquids	681	-65	0	26	12	29	--	-20	5	357	340
Ethane	279	--	--	--	--	-190	--	3	--	67	20
Propane	231	--	--	14	9	178	--	-12	--	--	252
Normal Butane	70	--	--	15	3	50	--	-10	1	--	52
Isobutane	31	--	--	-2	--	-9	--	-1	4	0	17
Natural Gasoline	70	-65	0	--	--	0	--	1	1	2	0
Refinery Olefins	--	--	--	8	11	6	--	0	--	--	25
Ethylene	--	--	--	0	--	--	--	--	--	--	0
Propylene	--	--	--	9	11	6	--	0	--	--	26
Normal Butylene	--	--	--	-1	--	--	--	0	--	--	-1
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-12	19	--	639	2,064	317	29	2,979	5	13
Hydrogen/Biofuels/Other Hydrocarbons	--	--	19	--	15	291	30	-11	352	1	13
Hydrogen	--	--	--	--	--	--	2	--	2	--	0
Biofuels (including Fuel Ethanol)	--	--	19	--	15	291	28	-11	350	1	13
Fuel Ethanol ⁶	--	--	12	--	--	289	28	-9	336	1	0
Biofuels (excluding Fuel Ethanol)	--	--	7	--	15	2	--	-2	13	0	13
Biodiesel	--	--	7	--	10	2	--	-4	13	0	9
Renewable Diesel Fuel	--	--	--	--	6	--	--	1	--	NA	4
Other Biofuels ⁷	--	--	--	--	--	--	--	--	--	NA	--
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-12	--	--	66	1	--	-11	62	4	0
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	--	--	--	558	1,772	287	52	2,565	0	0
Reformulated	--	--	--	--	160	315	90	10	555	0	0
Conventional	--	--	--	--	398	1,457	197	42	2,010	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	3,734	429	1,402	-315	90	--	57	5,103
Finished Motor Gasoline	--	--	--	3,295	159	85	-315	20	--	2	3,203
Reformulated	--	--	--	1,198	--	--	-75	0	--	--	1,123
Conventional	--	--	--	2,097	159	85	-239	20	--	2	2,080
Finished Aviation Gasoline	--	--	--	--	--	2	--	-1	--	--	2
Kerosene-Type Jet Fuel	--	--	--	82	61	529	--	16	--	1	655
Kerosene	--	--	0	9	--	--	--	1	--	0	8
Distillate Fuel Oil ⁶	--	--	0	231	129	720	--	31	--	5	1,044
15 ppm sulfur and under	--	--	0	233	129	710	--	32	--	4	1,035
Greater than 15 to 500 ppm sulfur	--	--	0	0	0	--	--	2	--	1	-2
Greater than 500 ppm sulfur	--	--	0	-2	--	11	--	-2	--	0	11
Residual Fuel Oil	--	--	--	22	50	--	--	26	--	14	32
Less than 0.31 percent sulfur	--	--	--	0	--	--	--	10	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	13	2	--	--	-1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	9	48	--	--	18	--	NA	NA
Petrochemical Feedstocks	--	--	--	0	3	--	--	0	--	5	-1
Naphtha for Petro. Feed. Use	--	--	--	--	3	--	--	--	--	--	3
Other Oils for Petro. Feed. Use	--	--	--	0	0	--	--	--	--	5	-4
Special Naphthas	--	--	--	1	0	--	--	0	--	--	0
Lubricants	--	--	--	11	5	13	--	2	--	10	17
Waxes	--	--	--	0	3	--	--	1	--	3	-1
Petroleum Coke	--	--	--	13	0	8	--	--	--	14	7
Marketable	--	--	--	0	0	8	--	--	--	14	-6
Catalyst	--	--	--	13	--	--	--	--	--	--	13
Asphalt and Road Oil	--	--	--	40	19	43	--	-8	--	3	107
Still Gas	--	--	--	28	--	--	--	--	--	--	28
Miscellaneous Products	--	--	--	2	--	--	--	0	--	0	1
Total	748	0	19	3,768	1,709	3,568	-82	91	3,737	420	5,482

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 4. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, June 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	69	84	--	--	539	89	-152	-14	642	0	0
Hydrocarbon Gas Liquids	736	-61	0	29	21	53	--	-3	18	337	426
Natural Gas Liquids	736	-61	0	24	11	46	--	-2	18	337	403
Ethane	326	--	--	--	--	-185	--	3	--	71	66
Propane	234	--	--	11	9	180	--	-23	--	--	256
Normal Butane	73	--	--	13	3	59	--	20	1	--	64
Isobutane	31	--	--	0	--	-8	--	1	4	0	17
Natural Gasoline	72	-61	0	--	--	0	--	-4	13	2	0
Refinery Olefins	--	--	--	5	10	7	--	-1	--	--	24
Ethylene	--	--	--	0	--	--	--	--	--	--	0
Propylene	--	--	--	4	10	7	--	-1	--	--	23
Normal Butylene	--	--	--	0	--	--	--	0	--	--	0
Isobutylene	--	--	--	0	--	--	--	0	--	--	0
Other Liquids	--	-23	20	--	876	2,024	218	87	3,004	10	13
Hydrogen/Biofuels/Other Hydrocarbons	--	--	20	--	19	329	-1	4	349	1	13
Hydrogen	--	--	--	--	--	--	3	--	3	--	0
Biofuels (including Fuel Ethanol)	--	--	20	--	19	329	-4	4	346	1	13
Fuel Ethanol ⁶	--	--	12	--	--	328	-4	1	333	1	0
Biofuels (excluding Fuel Ethanol)	--	--	7	--	19	1	--	2	12	0	13
Biodiesel	--	--	7	--	19	1	--	2	12	0	14
Renewable Diesel Fuel	--	--	--	--	--	--	--	1	0	NA	-1
Other Biofuels ⁷	--	--	--	--	--	--	--	--	--	NA	--
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-23	--	--	115	1	--	15	69	8	0
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	--	--	--	741	1,695	219	68	2,587	0	0
Reformulated	--	--	--	--	141	324	121	44	542	0	0
Conventional	--	--	--	--	600	1,371	98	24	2,045	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	3,661	318	1,417	-215	-146	--	71	5,255
Finished Motor Gasoline	--	--	--	3,253	126	64	-215	-17	--	2	3,244
Reformulated	--	--	--	1,195	--	--	-88	0	--	--	1,107
Conventional	--	--	--	2,058	126	64	-127	-17	--	2	2,137
Finished Aviation Gasoline	--	--	--	--	--	4	--	-1	--	--	5
Kerosene-Type Jet Fuel	--	--	--	79	36	551	--	-9	--	15	659
Kerosene	--	--	--	5	--	--	--	0	--	0	5
Distillate Fuel Oil ⁶	--	--	0	198	101	721	--	-65	--	22	1,063
15 ppm sulfur and under	--	--	0	203	101	713	--	-54	--	22	1,049
Greater than 15 to 500 ppm sulfur	--	--	--	1	0	--	--	-4	--	0	5
Greater than 500 ppm sulfur	--	--	--	-6	--	8	--	-6	--	0	9
Residual Fuel Oil	--	--	--	26	19	--	--	-24	--	0	68
Less than 0.31 percent sulfur	--	--	--	0	--	--	--	-4	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	17	4	--	--	6	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	8	15	--	--	-26	--	NA	NA
Petrochemical Feedstocks	--	--	--	0	0	10	--	0	--	--	10
Naphtha for Petro. Feed. Use	--	--	--	--	0	10	--	--	--	--	10
Other Oils for Petro. Feed. Use	--	--	--	0	--	--	--	--	--	--	0
Special Naphthas	--	--	--	0	0	--	--	0	--	--	0
Lubricants	--	--	--	12	3	12	--	-7	--	10	25
Waxes	--	--	--	1	2	--	--	0	--	2	0
Petroleum Coke	--	--	--	18	0	17	--	--	--	16	18
Marketable	--	--	--	7	0	17	--	--	--	16	8
Catalyst	--	--	--	10	--	--	--	--	--	--	10
Asphalt and Road Oil	--	--	--	39	31	38	--	-22	--	3	126
Still Gas	--	--	--	29	--	--	--	--	--	--	29
Miscellaneous Products	--	--	--	2	--	--	--	0	--	1	1
Total	805	0	20	3,690	1,753	3,583	-149	-75	3,664	417	5,694

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 4. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, July 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	70	110	--	--	557	55	-120	10	663	0	0
Hydrocarbon Gas Liquids	720	-66	0	24	20	32	--	84	6	293	347
Natural Gas Liquids	720	-66	0	21	11	21	--	84	6	293	324
Ethane	312	--	--	--	--	-177	--	-7	--	78	63
Propane	233	--	--	11	9	175	--	85	--	--	199
Normal Butane	72	--	--	12	2	31	--	3	1	--	44
Isobutane	31	--	--	-1	0	-8	--	0	4	0	18
Natural Gasoline	73	-66	0	--	--	0	--	4	1	1	0
Refinery Olefins	--	--	--	3	9	10	--	-1	--	--	23
Ethylene	--	--	--	0	--	--	--	--	--	--	0
Propylene	--	--	--	3	9	10	--	-1	--	--	23
Normal Butylene	--	--	--	0	--	--	--	0	--	--	0
Isobutylene	--	--	--	0	--	--	--	0	--	--	0
Other Liquids	--	-44	18	--	675	2,075	296	-18	3,008	19	11
Hydrogen/Biofuels/Other Hydrocarbons	--	--	18	--	11	288	41	-2	345	5	11
Hydrogen	--	--	--	--	--	--	3	--	3	--	0
Biofuels (including Fuel Ethanol)	--	--	18	--	11	288	38	-2	342	5	11
Fuel Ethanol ⁶	--	--	12	--	--	286	38	1	331	5	0
Biofuels (excluding Fuel Ethanol)	--	--	6	--	11	3	--	-3	11	0	11
Biodiesel	--	--	5	--	11	3	--	-3	11	0	11
Renewable Diesel Fuel	--	--	0	--	--	--	--	0	0	NA	0
Other Biofuels ⁷	--	--	--	--	--	--	--	--	--	NA	--
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-44	--	--	82	-1	--	-20	56	1	0
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	--	--	--	582	1,788	255	4	2,607	13	0
Reformulated	--	--	--	--	144	372	20	32	504	0	0
Conventional	--	--	--	--	438	1,416	235	-28	2,103	13	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	3,673	282	1,389	-292	52	--	48	4,953
Finished Motor Gasoline	--	--	--	3,256	75	59	-292	-8	--	5	3,100
Reformulated	--	--	--	1,179	--	--	-46	0	--	--	1,132
Conventional	--	--	--	2,077	75	59	-246	-8	--	5	1,967
Finished Aviation Gasoline	--	--	--	--	1	1	--	1	--	--	2
Kerosene-Type Jet Fuel	--	--	--	85	40	524	--	-10	--	1	658
Kerosene	--	--	--	8	--	--	--	3	--	0	4
Distillate Fuel Oil ⁶	--	--	0	194	88	744	--	94	--	21	911
15 ppm sulfur and under	--	--	0	197	88	736	--	92	--	20	908
Greater than 15 to 500 ppm sulfur	--	--	--	1	0	--	--	1	--	0	-1
Greater than 500 ppm sulfur	--	--	--	-3	--	7	--	1	--	0	4
Residual Fuel Oil	--	--	--	31	27	--	--	-19	--	0	77
Less than 0.31 percent sulfur	--	--	--	0	--	--	--	-3	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	21	1	--	--	-4	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	9	25	--	--	-13	--	NA	NA
Petrochemical Feedstocks	--	--	0	0	0	--	--	0	--	--	0
Naphtha for Petro. Feed. Use	--	--	--	--	0	--	--	--	--	--	0
Other Oils for Petro. Feed. Use	--	--	--	0	--	--	--	--	--	--	0
Special Naphthas	--	--	--	0	2	--	--	0	--	--	2
Lubricants	--	--	--	10	4	14	--	1	--	5	22
Waxes	--	--	--	0	3	--	--	0	--	2	2
Petroleum Coke	--	--	--	16	0	9	--	--	--	10	15
Marketable	--	--	--	6	0	9	--	--	--	10	5
Catalyst	--	--	--	10	--	--	--	--	--	--	10
Asphalt and Road Oil	--	--	--	40	42	40	--	-9	--	4	127
Still Gas	--	--	--	29	--	--	--	--	--	--	29
Miscellaneous Products	--	--	--	2	--	--	--	0	--	0	2
Total	790	0	18	3,697	1,534	3,551	-116	128	3,677	359	5,310

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 4. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, August 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	71	104	--	--	660	68	-141	-29	791	0	0
Hydrocarbon Gas Liquids	737	-66	0	37	19	75	--	58	18	360	367
Natural Gas Liquids	737	-66	0	26	8	67	--	55	18	360	339
Ethane	317	--	--	--	--	-195	--	3	--	75	44
Propane	240	--	--	15	8	216	--	42	--	--	250
Normal Butane	74	--	--	12	1	54	--	11	6	--	25
Isobutane	32	--	--	-1	0	-8	--	-1	4	0	20
Natural Gasoline	75	-66	0	--	--	0	--	0	8	1	0
Refinery Olefins	--	--	--	11	11	8	--	3	--	--	27
Ethylene	--	--	--	1	--	--	--	--	--	--	1
Propylene	--	--	--	10	11	8	--	2	--	--	27
Normal Butylene	--	--	--	--	--	--	--	0	--	--	0
Isobutylene	--	--	--	1	--	--	--	1	--	--	0
Other Liquids	--	-39	19	--	685	1,961	337	-42	2,991	5	9
Hydrogen/Biofuels/Other Hydrocarbons	--	--	19	--	7	277	41	-21	353	4	9
Hydrogen	--	--	--	--	--	--	3	--	3	--	0
Biofuels (including Fuel Ethanol)	--	--	19	--	7	277	38	-21	349	4	9
Fuel Ethanol ⁶	--	--	12	--	--	274	38	-17	338	4	0
Biofuels (excluding Fuel Ethanol)	--	--	7	--	7	3	--	-4	12	0	9
Biodiesel	--	--	6	--	7	3	--	-4	11	0	9
Renewable Diesel Fuel	--	--	1	--	--	--	--	0	0	NA	0
Other Biofuels ⁷	--	--	--	--	--	--	--	--	--	NA	--
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-39	--	--	79	2	--	-12	53	1	0
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	--	--	--	599	1,682	296	-9	2,586	1	0
Reformulated	--	--	--	--	106	333	17	-65	521	0	0
Conventional	--	--	--	--	493	1,349	279	56	2,064	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	3,795	256	1,324	-333	-82	--	61	5,062
Finished Motor Gasoline	--	--	--	3,318	58	52	-333	27	--	1	3,066
Reformulated	--	--	--	1,194	--	--	-3	0	--	--	1,191
Conventional	--	--	--	2,124	58	52	-330	27	--	1	1,875
Finished Aviation Gasoline	--	--	--	--	1	4	--	0	--	--	5
Kerosene-Type Jet Fuel	--	--	--	98	28	451	--	23	--	0	554
Kerosene	--	--	--	6	2	--	--	-4	--	0	11
Distillate Fuel Oil ⁶	--	--	0	241	91	737	--	-61	--	21	1,109
15 ppm sulfur and under	--	--	0	244	91	730	--	-67	--	19	1,114
Greater than 15 to 500 ppm sulfur	--	--	--	1	--	3	--	1	--	1	2
Greater than 500 ppm sulfur	--	--	--	-4	--	4	--	5	--	2	-7
Residual Fuel Oil	--	--	--	25	30	--	--	-39	--	7	86
Less than 0.31 percent sulfur	--	--	--	0	--	--	--	-1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	18	8	--	--	-1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	7	22	--	--	-37	--	NA	NA
Petrochemical Feedstocks	--	--	--	1	0	--	--	0	--	0	1
Naphtha for Petro. Feed. Use	--	--	--	--	0	--	--	--	--	--	0
Other Oils for Petro. Feed. Use	--	--	--	1	--	--	--	--	--	0	0
Special Naphthas	--	--	--	0	0	--	--	0	--	--	0
Lubricants	--	--	--	12	4	10	--	2	--	6	17
Waxes	--	--	--	-1	2	--	--	-1	--	3	0
Petroleum Coke	--	--	--	21	--	21	--	--	--	19	22
Marketable	--	--	--	7	--	21	--	--	--	19	8
Catalyst	--	--	--	15	--	--	--	--	--	--	15
Asphalt and Road Oil	--	--	--	43	39	49	--	-30	--	3	158
Still Gas	--	--	--	30	--	--	--	--	--	--	30
Miscellaneous Products	--	--	--	2	--	--	--	0	--	0	2
Total	808	0	19	3,832	1,620	3,429	-138	-95	3,801	426	5,438

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 4. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, September 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	67	74	--	--	583	28	-56	21	675	0	0
Hydrocarbon Gas Liquids	713	-64	0	15	32	27	--	-28	68	333	350
Natural Gas Liquids	713	-64	0	4	22	20	--	-30	68	333	324
Ethane	293	--	--	--	--	-198	--	-7	--	82	20
Propane	239	--	--	13	19	178	--	-1	--	--	260
Normal Butane	75	--	--	-6	3	54	--	-20	56	--	30
Isobutane	32	--	--	-3	0	-14	--	-1	2	0	14
Natural Gasoline	75	-64	0	--	--	0	--	-1	10	1	0
Refinery Olefins	--	--	--	10	10	7	--	2	--	--	26
Ethylene	--	--	--	0	--	--	--	--	--	--	0
Propylene	--	--	--	9	10	7	--	0	--	--	27
Normal Butylene	--	--	--	0	--	--	--	3	--	--	-3
Isobutylene	--	--	--	1	--	--	--	-1	--	--	2
Other Liquids	--	-10	16	--	622	2,036	278	81	2,843	9	10
Hydrogen/Biofuels/Other Hydrocarbons	--	--	16	--	28	302	17	5	340	8	10
Hydrogen	--	--	--	--	--	--	4	--	4	--	0
Biofuels (including Fuel Ethanol)	--	--	16	--	28	302	13	5	336	8	10
Fuel Ethanol ⁶	--	--	10	--	8	300	13	0	323	8	0
Biofuels (excluding Fuel Ethanol)	--	--	6	--	20	2	--	5	13	0	10
Biodiesel	--	--	6	--	20	2	--	5	12	0	10
Renewable Diesel Fuel	--	--	--	--	--	0	--	0	1	NA	0
Other Biofuels ⁷	--	--	--	--	--	0	--	--	--	NA	0
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-10	--	--	73	9	--	10	63	1	0
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	--	--	--	521	1,725	262	67	2,440	0	0
Reformulated	--	--	--	--	133	202	135	53	417	0	0
Conventional	--	--	--	--	388	1,522	127	14	2,023	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	3,599	365	1,295	-275	-25	--	64	4,944
Finished Motor Gasoline	--	--	--	3,171	118	74	-275	-22	--	1	3,108
Reformulated	--	--	--	1,166	--	--	-124	0	--	--	1,042
Conventional	--	--	--	2,005	118	74	-151	-22	--	1	2,066
Finished Aviation Gasoline	--	--	--	--	1	3	--	1	--	--	3
Kerosene-Type Jet Fuel	--	--	--	75	54	477	--	6	--	0	599
Kerosene	--	--	--	0	--	6	--	-2	--	0	7
Distillate Fuel Oil ⁶	--	--	0	233	94	679	--	-6	--	32	980
15 ppm sulfur and under	--	--	0	238	94	673	--	2	--	32	971
Greater than 15 to 500 ppm sulfur	--	--	--	1	0	--	--	-2	--	1	2
Greater than 500 ppm sulfur	--	--	--	-5	--	7	--	-6	--	--	7
Residual Fuel Oil	--	--	--	22	58	--	--	25	--	0	55
Less than 0.31 percent sulfur	--	--	--	0	--	--	--	-1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	18	5	--	--	-16	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	3	53	--	--	41	--	NA	NA
Petrochemical Feedstocks	--	--	--	1	--	--	--	0	--	4	-3
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	1	--	--	--	--	--	4	-3
Special Naphthas	--	--	--	1	--	--	--	0	--	--	0
Lubricants	--	--	--	12	4	9	--	-2	--	6	21
Waxes	--	--	--	-1	3	--	--	0	--	3	-1
Petroleum Coke	--	--	--	21	--	9	--	--	--	14	15
Marketable	--	--	--	8	--	9	--	--	--	14	2
Catalyst	--	--	--	13	--	--	--	--	--	--	13
Asphalt and Road Oil	--	--	--	38	33	39	--	-24	--	2	131
Still Gas	--	--	--	26	--	--	--	--	--	--	26
Miscellaneous Products	--	--	--	2	--	--	--	0	--	0	2
Total	780	0	16	3,614	1,602	3,385	-52	50	3,585	406	5,304

-- = Not Applicable.
 - = No Data Reported.
 NA = Not Available.
¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.
² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.
³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.
⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).
⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.
⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.
⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.
 Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.
 Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 4. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, October 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	70	80	--	--	549	25	-91	35	598	0	0
Hydrocarbon Gas Liquids	678	-62	0	18	33	110	--	39	72	253	413
Natural Gas Liquids	678	-62	0	8	24	102	--	38	72	253	387
Ethane	254	--	--	--	--	-164	--	4	--	69	17
Propane	242	--	--	11	21	225	--	19	--	--	324
Normal Butane	76	--	--	-4	3	57	--	15	58	--	33
Isobutane	31	--	--	1	0	-17	--	2	--	--	15
Natural Gasoline	75	-62	0	--	--	0	--	-2	13	1	0
Refinery Olefins	--	--	--	10	8	8	--	1	--	--	26
Ethylene	--	--	--	0	--	--	--	--	--	--	0
Propylene	--	--	--	9	8	8	--	1	--	--	25
Normal Butylene	--	--	--	0	--	--	--	-1	--	--	0
Isobutylene	--	--	--	1	--	--	--	1	--	--	0
Other Liquids	--	-18	18	--	535	2,100	208	-101	2,919	11	13
Hydrogen/Biofuels/Other Hydrocarbons	--	--	18	--	18	302	30	-4	348	11	13
Hydrogen	--	--	--	--	--	--	2	--	2	--	0
Biofuels (including Fuel Ethanol)	--	--	18	--	18	302	28	-4	346	11	13
Fuel Ethanol ⁶	--	--	11	--	--	298	28	-4	330	11	0
Biofuels (excluding Fuel Ethanol)	--	--	7	--	18	4	--	0	15	0	13
Biodiesel	--	--	7	--	18	3	--	0	15	0	13
Renewable Diesel Fuel	--	--	--	--	--	1	--	0	0	NA	1
Other Biofuels ⁷	--	--	--	--	--	--	--	--	--	NA	--
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-18	--	--	49	1	--	12	19	1	0
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	--	--	--	468	1,797	178	-109	2,552	0	0
Reformulated	--	--	--	--	126	255	111	-84	576	0	0
Conventional	--	--	--	--	342	1,542	67	-25	1,976	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	3,602	197	1,418	-206	-192	--	35	5,167
Finished Motor Gasoline	--	--	--	3,234	58	74	-206	12	--	3	3,145
Reformulated	--	--	--	1,191	--	--	-92	0	--	--	1,099
Conventional	--	--	--	2,042	58	74	-114	12	--	3	2,046
Finished Aviation Gasoline	--	--	--	--	--	1	--	-2	--	--	3
Kerosene-Type Jet Fuel	--	--	--	51	0	554	--	-68	--	0	672
Kerosene	--	--	--	2	--	--	--	4	--	0	-2
Distillate Fuel Oil ⁶	--	--	0	198	81	725	--	-76	--	1	1,079
15 ppm sulfur and under	--	--	0	200	80	719	--	-77	--	1	1,075
Greater than 15 to 500 ppm sulfur	--	--	--	2	0	--	--	1	--	1	1
Greater than 500 ppm sulfur	--	--	--	-4	--	6	--	-1	--	0	3
Residual Fuel Oil	--	--	--	20	36	--	--	-9	--	0	65
Less than 0.31 percent sulfur	--	--	--	0	6	--	--	2	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	20	15	--	--	6	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	0	16	--	--	-16	--	NA	NA
Petrochemical Feedstocks	--	--	--	1	0	--	--	0	--	--	1
Naphtha for Petro. Feed. Use	--	--	--	--	0	--	--	--	--	--	0
Other Oils for Petro. Feed. Use	--	--	--	1	--	--	--	--	--	--	1
Special Naphthas	--	--	--	0	0	--	--	0	--	--	0
Lubricants	--	--	--	13	4	10	--	-4	--	7	24
Waxes	--	--	--	0	4	--	--	0	--	2	2
Petroleum Coke	--	--	--	20	0	4	--	--	--	15	9
Marketable	--	--	--	8	0	4	--	--	--	15	-3
Catalyst	--	--	--	12	--	--	--	--	--	--	12
Asphalt and Road Oil	--	--	--	39	14	50	--	-48	--	5	146
Still Gas	--	--	--	22	--	--	--	--	--	--	22
Miscellaneous Products	--	--	--	2	--	--	--	0	--	0	2
Total	748	0	17	3,620	1,313	3,652	-88	-219	3,589	299	5,594

-- = Not Applicable.
 - = No Data Reported.
 NA = Not Available.
¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.
² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.
³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.
⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).
⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.
⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.
⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.
 Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.
 Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 4. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, November 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	68	136	--	--	698	60	-226	-3	739	0	0
Hydrocarbon Gas Liquids	703	-64	0	17	53	41	--	12	71	205	462
Natural Gas Liquids	703	-64	0	5	45	35	--	10	71	205	438
Ethane	275	--	--	--	--	-201	--	1	--	57	16
Propane	245	--	--	13	42	195	--	23	--	--	340
Normal Butane	75	--	--	-8	2	57	--	-10	59	--	65
Isobutane	33	--	--	0	1	-16	--	0	--	--	17
Natural Gasoline	75	-64	0	--	--	0	--	-3	13	2	0
Refinery Olefins	--	--	--	12	8	6	--	2	--	--	24
Ethylene	--	--	--	1	--	--	--	--	--	--	1
Propylene	--	--	--	11	8	6	--	0	--	--	24
Normal Butylene	--	--	--	0	--	--	--	1	--	--	-1
Isobutylene	--	--	--	0	--	--	--	1	--	--	0
Other Liquids	--	-72	19	--	468	2,125	231	-82	2,835	2	17
Hydrogen/Biofuels/Other Hydrocarbons	--	--	19	--	22	313	13	2	347	1	17
Hydrogen	--	--	--	--	--	--	3	--	3	--	0
Biofuels (including Fuel Ethanol)	--	--	19	--	22	313	10	2	344	1	17
Fuel Ethanol ⁶	--	--	12	--	--	309	10	3	327	1	0
Biofuels (excluding Fuel Ethanol)	--	--	6	--	22	4	--	-1	17	0	17
Biodiesel	--	--	6	--	22	4	--	-1	17	0	17
Renewable Diesel Fuel	--	--	--	--	--	0	--	0	0	NA	0
Other Biofuels ⁷	--	--	--	--	--	--	--	--	--	NA	--
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-72	--	--	81	0	--	-13	22	1	0
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	--	--	--	365	1,812	218	-71	2,465	0	0
Reformulated	--	--	--	--	121	254	148	-27	550	0	0
Conventional	--	--	--	--	244	1,557	70	-44	1,916	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	3,661	285	1,515	-228	-45	--	62	5,216
Finished Motor Gasoline	--	--	--	3,205	104	75	-228	-7	--	1	3,161
Reformulated	--	--	--	1,188	--	--	-151	0	--	--	1,037
Conventional	--	--	--	2,017	104	75	-77	-7	--	1	2,125
Finished Aviation Gasoline	--	--	--	--	--	11	--	2	--	--	9
Kerosene-Type Jet Fuel	--	--	--	74	28	513	--	-60	--	6	668
Kerosene	--	--	--	5	--	4	--	5	--	0	3
Distillate Fuel Oil ⁶	--	--	0	247	116	843	--	61	--	14	1,130
15 ppm sulfur and under	--	--	0	247	113	834	--	62	--	13	1,119
Greater than 15 to 500 ppm sulfur	--	--	--	4	3	--	--	2	--	1	3
Greater than 500 ppm sulfur	--	--	--	-4	--	10	--	-3	--	--	9
Residual Fuel Oil	--	--	--	33	20	--	--	-24	--	0	77
Less than 0.31 percent sulfur	--	--	--	5	--	--	--	-2	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	22	--	--	--	6	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	6	20	--	--	-28	--	NA	NA
Petrochemical Feedstocks	--	--	--	1	1	--	--	0	--	3	-2
Naphtha for Petro. Feed. Use	--	--	--	--	1	--	--	--	--	--	1
Other Oils for Petro. Feed. Use	--	--	--	1	--	--	--	--	--	3	-3
Special Naphthas	--	--	--	0	0	5	--	0	--	--	5
Lubricants	--	--	--	13	7	11	--	2	--	7	22
Waxes	--	--	--	0	2	--	--	0	--	3	0
Petroleum Coke	--	--	--	22	--	26	--	--	--	24	23
Marketable	--	--	--	8	--	26	--	--	--	24	10
Catalyst	--	--	--	13	--	--	--	--	--	--	13
Asphalt and Road Oil	--	--	--	33	8	28	--	-24	--	3	90
Still Gas	--	--	--	27	--	--	--	--	--	--	27
Miscellaneous Products	--	--	--	2	--	--	--	0	--	1	1
Total	771	0	19	3,678	1,504	3,742	-223	-119	3,645	270	5,695

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 4. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, December 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	60	74	--	--	577	50	-29	-42	775	0	0
Hydrocarbon Gas Liquids	703	-61	0	9	69	107	--	-68	68	282	544
Natural Gas Liquids	703	-61	0	9	69	107	--	-68	68	282	544
Ethane	282	--	--	--	--	-185	--	6	--	64	26
Propane	242	--	--	15	58	248	--	-65	--	--	436
Normal Butane	74	--	--	-14	0	51	--	-4	53	--	39
Isobutane	31	--	--	-2	0	-13	--	-1	4	--	13
Natural Gasoline	74	-61	0	--	--	0	--	0	10	2	0
Refinery Olefins	--	--	--	10	10	5	--	-5	--	--	30
Ethylene	--	--	--	0	--	--	--	--	--	--	0
Propylene	--	--	--	9	10	5	--	0	--	--	25
Normal Butylene	--	--	--	--	--	--	--	-3	--	--	3
Isobutylene	--	--	--	0	--	--	--	-1	--	--	1
Other Liquids	--	-13	18	--	607	2,173	145	237	2,674	2	17
Hydrogen/Biofuels/Other Hydrocarbons	--	--	18	--	20	361	-41	7	334	1	17
Hydrogen	--	--	--	--	--	--	3	--	3	--	0
Biofuels (including Fuel Ethanol)	--	--	18	--	20	361	-44	7	331	1	17
Fuel Ethanol ⁶	--	--	12	--	--	356	-44	10	313	1	0
Biofuels (excluding Fuel Ethanol)	--	--	6	--	20	5	--	-4	18	0	17
Biodiesel	--	--	6	--	20	5	--	-3	18	0	17
Renewable Diesel Fuel	--	--	--	--	--	--	--	0	0	NA	0
Other Biofuels ⁷	--	--	--	--	--	--	--	--	--	NA	--
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-13	--	--	67	0	--	0	52	1	0
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	--	--	--	520	1,812	186	230	2,288	0	0
Reformulated	--	--	--	--	164	264	152	157	422	0	0
Conventional	--	--	--	--	356	1,548	34	73	1,866	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	3,548	411	1,537	-142	270	--	36	5,048
Finished Motor Gasoline	--	--	--	3,063	93	76	-142	-16	--	3	3,104
Reformulated	--	--	--	1,154	--	--	-137	0	--	--	1,017
Conventional	--	--	--	1,908	93	76	-4	-16	--	3	2,087
Finished Aviation Gasoline	--	--	--	--	0	1	--	-1	--	--	3
Kerosene-Type Jet Fuel	--	--	--	96	48	494	--	4	--	1	633
Kerosene	--	--	--	2	--	4	--	9	--	0	-3
Distillate Fuel Oil ⁶	--	--	0	252	210	903	--	253	--	1	1,111
15 ppm sulfur and under	--	--	0	252	210	896	--	257	--	0	1,101
Greater than 15 to 500 ppm sulfur	--	--	--	5	--	--	--	-2	--	1	6
Greater than 500 ppm sulfur	--	--	--	-6	--	7	--	-2	--	0	4
Residual Fuel Oil	--	--	--	36	35	2	--	7	--	0	65
Less than 0.31 percent sulfur	--	--	--	12	--	2	--	-4	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	18	--	--	--	-6	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	6	35	--	--	17	--	NA	NA
Petrochemical Feedstocks	--	--	--	1	2	--	--	0	--	4	-1
Naphtha for Petro. Feed. Use	--	--	--	--	2	--	--	--	--	--	2
Other Oils for Petro. Feed. Use	--	--	--	1	--	--	--	--	--	4	-3
Special Naphthas	--	--	--	0	0	--	--	0	--	--	0
Lubricants	--	--	--	12	3	12	--	3	--	9	14
Waxes	--	--	--	0	3	--	--	0	--	2	0
Petroleum Coke	--	--	--	23	--	14	--	--	--	14	22
Marketable	--	--	--	8	--	14	--	--	--	14	8
Catalyst	--	--	--	15	--	--	--	--	--	--	15
Asphalt and Road Oil	--	--	--	32	18	33	--	11	--	2	69
Still Gas	--	--	--	30	--	--	--	--	--	--	30
Miscellaneous Products	--	--	--	2	--	--	--	0	--	1	1
Total	763	0	18	3,557	1,663	3,867	-26	397	3,517	320	5,610

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 5. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January 2023
(Thousand Barrels)

Commodity	Supply							Disposition					Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵		
Crude Oil	52,033	2,063	--	--	91,278	-11,243	-810	16,970	113,697	2,654	0	123,976	
Hydrocarbon Gas Liquids	32,097	-3,600	-681	1,053	2,457	-10,228	--	-4,773	3,748	7,153	14,970	47,671	
Natural Gas Liquids	32,097	-3,600	-681	-36	2,199	-9,658	--	-4,706	3,748	7,153	14,126	47,355	
Ethane	10,332	--	--	--	--	-4,817	--	428	--	2,307	2,780	6,623	
Propane	11,900	--	--	2,244	1,418	-8,119	--	-3,033	--	115	10,361	20,082	
Normal Butane	3,999	--	--	-2,128	601	-3,827	--	-3,255	1,195	101	605	6,846	
Isobutane	1,967	--	--	-152	178	467	--	306	1,773	1	380	2,327	
Natural Gasoline	3,899	-3,600	-681	--	2	6,637	--	848	780	4,629	0	11,477	
Refinery Olefins	--	--	--	1,089	258	-570	--	-67	--	--	844	316	
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--	
Propylene	--	--	--	1,082	166	-570	--	-59	--	--	737	313	
Normal Butylene	--	--	--	7	92	--	--	-8	--	--	107	3	
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0	
Other Liquids	--	1,537	32,561	--	870	-15,713	-5,431	4,224	5,200	3,576	823	72,237	
Hydrogen/Biofuels/Other Hydrocarbons	--	--	32,562	--	90	-18,712	-3,041	684	8,428	964	823	11,750	
Hydrogen	--	--	--	--	--	--	1,260	--	1,260	--	0	--	
Biofuels (including Fuel Ethanol)	--	--	32,562	--	90	-18,712	-4,319	683	7,151	964	823	11,739	
Fuel Ethanol	--	--	29,613	--	--	-17,245	-4,319	283	6,849	918	0	10,108	
Biofuels (excluding Fuel Ethanol)	--	--	2,949	--	90	-1,468	--	401	302	45	823	1,630	
Biodiesel	--	--	2,303	--	90	-807	--	337	218	45	986	1,443	
Renewable Diesel Fuel	--	--	545	--	--	-661	--	68	--	NA	-184	148	
Other Biofuels ⁶	--	--	101	--	--	--	--	-4	84	NA	21	39	
Other Hydrocarbons	--	--	--	--	--	--	18	1	17	--	0	11	
Unfinished Oils	--	1,537	--	--	--	-972	--	-542	-1,432	2,539	0	13,031	
Motor Gasoline Blend.Comp. (MGBC)	--	--	-1	--	780	3,971	-2,390	4,082	-1,796	74	0	47,457	
Reformulated	--	--	0	--	--	204	1,277	598	883	--	0	4,933	
Conventional	--	--	-1	--	780	3,767	-3,667	3,484	-2,679	74	0	42,523	
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--	
Finished Petroleum Products	--	--	122	128,384	1,650	-2,081	6,709	2,410	--	627	131,748	57,779	
Finished Motor Gasoline	--	--	125	68,784	--	101	6,709	248	--	172	75,299	3,485	
Reformulated	--	--	--	9,734	--	--	-1,131	--	--	--	8,603	--	
Conventional	--	--	125	59,050	--	101	7,840	248	--	172	66,696	3,485	
Finished Aviation Gasoline	--	--	--	--	3	45	--	31	--	--	17	234	
Kerosene-Type Jet Fuel	--	--	--	7,307	--	331	--	327	--	36	7,275	7,129	
Kerosene	--	--	--	210	--	--	--	40	--	2	168	138	
Distillate Fuel Oil	--	--	-3	35,115	451	453	--	264	--	82	35,670	29,204	
15 ppm sulfur and under	--	--	-3	35,174	447	365	--	325	--	0	35,658	28,463	
Greater than 15 to 500 ppm sulfur	--	--	0	132	3	88	--	-76	--	20	279	321	
Greater than 500 ppm sulfur	--	--	--	-191	1	--	--	15	--	62	-267	420	
Residual Fuel Oil	--	--	--	895	126	-880	--	-129	--	0	270	1,059	
Less than 0.31 percent sulfur	--	--	--	22	--	-49	--	27	--	NA	NA	246	
0.31 to 1.00 percent sulfur	--	--	--	451	7	-158	--	-56	--	NA	NA	188	
Greater than 1.00 percent sulfur	--	--	--	422	119	-673	--	-100	--	NA	NA	625	
Petrochemical Feedstocks	--	--	--	800	183	-85	--	-29	--	--	--	927	
Naphtha for Petro. Feed. Use	--	--	--	401	105	-85	--	-13	--	--	434	380	
Other Oils for Petro. Feed. Use	--	--	--	399	78	--	--	-16	--	--	493	119	
Special Naphthas	--	--	--	-15	3	31	--	-34	--	--	53	126	
Lubricants	--	--	--	182	217	168	--	-45	--	178	434	715	
Waxes	--	--	--	40	15	--	--	6	--	38	11	53	
Petroleum Coke	--	--	--	5,533	14	-1,047	--	472	--	27	4,001	3,091	
Marketable	--	--	--	4,203	14	-1,047	--	472	--	27	2,671	3,091	
Catalyst	--	--	--	1,330	--	--	--	--	--	--	1,330	--	
Asphalt and Road Oil	--	--	--	4,965	638	-1,207	--	1,275	--	90	3,032	11,823	
Still Gas	--	--	--	4,083	--	--	--	--	--	--	4,083	--	
Miscellaneous Products	--	--	--	485	--	9	--	-16	--	1	509	223	
Total	84,130	0	32,002	129,437	96,255	-39,266	468	18,832	122,645	14,009	147,541	301,663	

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 5. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, February 2023
(Thousand Barrels)

Commodity	Supply							Disposition					Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵		
Crude Oil	49,775	1,972	--	--	85,043	-19,102	-3,392	3,542	107,388	3,366	0	127,518	
Hydrocarbon Gas Liquids	31,372	-2,981	-621	1,059	2,314	-16,886	--	-8,161	3,494	6,935	11,989	39,510	
Natural Gas Liquids	31,372	-2,981	-621	131	2,004	-16,225	--	-8,190	3,494	6,935	11,441	39,165	
Ethane	11,091	--	--	--	--	-5,691	--	-115	--	1,971	3,544	6,508	
Propane	11,128	--	--	2,108	1,452	-11,679	--	-5,275	--	95	8,189	14,807	
Normal Butane	3,727	--	--	-1,770	398	-3,571	--	-1,767	961	106	-515	5,079	
Isobutane	1,849	--	--	-207	152	194	--	114	1,649	1	223	2,441	
Natural Gasoline	3,577	-2,981	-621	--	2	4,522	--	-1,147	884	4,762	0	10,330	
Refinery Olefins	--	--	--	928	310	-661	--	29	--	--	548	345	
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--	
Propylene	--	--	--	929	142	-661	--	32	--	--	378	345	
Normal Butylene	--	--	--	-1	168	--	--	-3	--	--	170	0	
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0	
Other Liquids	--	1,009	29,496	--	660	-15,641	-3,403	2,685	4,917	3,285	1,233	74,922	
Hydrogen/Biofuels/Other Hydrocarbons	--	--	29,497	--	92	-19,540	527	527	8,008	807	1,233	12,276	
Hydrogen	--	--	--	--	--	--	1,158	--	1,158	--	0	--	
Biofuels (including Fuel Ethanol)	--	--	29,497	--	92	-19,540	-641	524	6,843	807	1,233	12,262	
Fuel Ethanol	--	--	26,744	--	--	-18,363	-641	438	6,558	744	0	10,546	
Biofuels (excluding Fuel Ethanol)	--	--	2,753	--	92	-1,178	--	86	285	63	1,233	1,716	
Biodiesel	--	--	2,110	--	92	-781	--	78	214	63	1,066	1,521	
Renewable Diesel Fuel	--	--	556	--	--	-396	--	15	--	NA	145	163	
Other Biofuels ⁶	--	--	86	--	--	--	--	-7	71	NA	22	32	
Other Hydrocarbons	--	--	--	--	--	--	10	3	7	--	0	14	
Unfinished Oils	--	1,009	--	--	--	-750	--	511	-2,650	2,398	0	13,542	
Motor Gasoline Blend.Comp. (MGBC)	--	--	-1	--	568	4,649	-3,930	1,647	-441	80	0	49,104	
Reformulated	--	--	0	--	--	1,123	167	-132	1,422	--	0	4,801	
Conventional	--	--	-1	--	568	3,526	-4,097	1,779	-1,863	80	0	44,302	
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--	
Finished Petroleum Products	--	--	126	120,400	1,390	-2,009	4,571	3,247	--	493	120,738	61,026	
Finished Motor Gasoline	--	--	128	65,252	--	-51	4,571	-77	--	196	69,781	3,408	
Reformulated	--	--	--	9,319	--	--	18	--	--	--	9,337	--	
Conventional	--	--	128	55,933	--	-51	4,553	-77	--	196	60,445	3,408	
Finished Aviation Gasoline	--	--	--	18	6	--	--	-29	--	--	53	205	
Kerosene-Type Jet Fuel	--	--	--	6,410	--	540	--	-164	--	24	7,090	6,965	
Kerosene	--	--	--	103	--	--	--	-20	--	0	123	118	
Distillate Fuel Oil	--	--	-3	32,762	201	896	--	1,695	--	19	32,142	30,899	
15 ppm sulfur and under	--	--	-3	32,946	183	840	--	1,850	--	2	32,115	30,313	
Greater than 15 to 500 ppm sulfur	--	--	0	30	2	56	--	-54	--	5	137	267	
Greater than 500 ppm sulfur	--	--	--	-214	16	--	--	-101	--	12	-109	319	
Residual Fuel Oil	--	--	--	893	64	-865	--	27	--	--	65	1,086	
Less than 0.31 percent sulfur	--	--	--	115	--	-130	--	-64	--	NA	NA	182	
0.31 to 1.00 percent sulfur	--	--	--	375	8	-314	--	75	--	NA	NA	263	
Greater than 1.00 percent sulfur	--	--	--	403	56	-421	--	16	--	NA	NA	641	
Petrochemical Feedstocks	--	--	--	658	163	-47	--	-3	--	--	777	496	
Naphtha for Petro. Feed. Use	--	--	--	307	88	-47	--	-7	--	--	355	373	
Other Oils for Petro. Feed. Use	--	--	--	351	75	--	--	4	--	--	422	123	
Special Naphthas	--	--	--	-1	1	15	--	-8	--	--	23	118	
Lubricants	--	--	--	203	242	116	--	53	--	154	354	768	
Waxes	--	--	--	38	12	--	--	-5	--	40	15	48	
Petroleum Coke	--	--	--	5,157	14	-1,246	--	439	--	38	3,448	3,530	
Marketable	--	--	--	3,948	14	-1,246	--	439	--	38	2,239	3,530	
Catalyst	--	--	--	1,209	--	--	--	--	--	--	1,209	--	
Asphalt and Road Oil	--	--	--	4,472	687	-1,372	--	1,365	--	17	2,405	13,188	
Still Gas	--	--	--	3,939	--	--	--	--	--	--	3,939	--	
Miscellaneous Products	--	--	--	496	--	5	--	-26	--	4	523	197	
Total	81,147	0	29,001	121,459	89,407	-53,638	-2,224	1,313	115,799	14,080	133,960	302,976	

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 5. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, March 2023
(Thousand Barrels)

Commodity	Supply							Disposition					Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵		
Crude Oil	54,530	3,115	--	--	89,039	-31,287	-3,631	-6,294	115,973	2,088	0	121,224	
Hydrocarbon Gas Liquids	35,856	-3,764	-683	3,330	2,032	-20,570	--	-2,733	3,139	6,061	9,733	36,777	
Natural Gas Liquids	35,856	-3,764	-683	2,156	1,716	-19,789	--	-2,713	3,139	6,061	9,005	36,452	
Ethane	13,562	--	--	--	--	-7,882	--	448	--	1,390	3,842	6,956	
Propane	12,217	--	--	2,426	961	-13,088	--	-2,935	--	147	5,304	11,872	
Normal Butane	4,354	--	--	-50	414	-4,731	--	-80	493	75	-501	4,999	
Isobutane	1,773	--	--	-220	338	47	--	-126	1,703	2	359	2,315	
Natural Gasoline	3,950	-3,764	-683	--	3	5,865	--	-20	943	4,447	0	10,310	
Refinery Olefins	--	--	--	1,174	316	-782	--	-20	--	--	728	325	
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--	
Propylene	--	--	--	1,140	164	-782	--	-51	--	--	573	294	
Normal Butylene	--	--	--	34	152	--	--	31	--	--	155	31	
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0	
Other Liquids	--	649	32,188	--	643	-18,755	-1,064	-3,018	11,953	3,424	1,303	71,904	
Hydrogen/Biofuels/Other Hydrocarbons	--	--	32,190	--	119	-22,357	1,102	-156	8,881	1,027	1,303	12,120	
Hydrogen	--	--	--	--	--	--	1,182	--	1,182	--	0	--	
Biofuels (including Fuel Ethanol)	--	--	32,190	--	119	-22,357	-90	-162	7,695	1,027	1,303	12,100	
Fuel Ethanol	--	--	29,215	--	--	-21,035	-90	-124	7,349	865	0	10,423	
Biofuels (excluding Fuel Ethanol)	--	--	2,975	--	119	-1,322	--	-39	346	162	1,303	1,677	
Biodiesel	--	--	2,390	--	119	-865	--	-11	275	162	1,217	1,510	
Renewable Diesel Fuel	--	--	505	--	--	-456	--	-26	--	NA	74	137	
Other Biofuels ⁶	--	--	80	--	--	--	--	-2	71	NA	11	30	
Other Hydrocarbons	--	--	--	--	--	--	10	6	4	--	0	20	
Unfinished Oils	--	649	--	--	--	-510	--	-26	-2,219	2,384	0	13,516	
Motor Gasoline Blend.Comp. (MGBC)	--	--	-1	--	524	4,112	-2,166	-2,835	5,291	13	0	46,268	
Reformulated	--	--	0	--	--	113	2,162	866	1,409	--	0	5,667	
Conventional	--	--	-1	--	524	3,999	-4,328	-3,701	3,882	13	0	40,601	
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--	
Finished Petroleum Products	--	--	155	134,232	1,666	661	2,256	-741	--	758	138,953	60,285	
Finished Motor Gasoline	--	--	158	74,447	--	279	2,256	112	--	285	76,743	3,520	
Reformulated	--	--	--	10,355	--	--	-2,025	--	--	--	8,330	--	
Conventional	--	--	158	64,092	--	279	4,281	112	--	285	68,413	3,520	
Finished Aviation Gasoline	--	--	--	--	3	25	--	-24	--	--	52	181	
Kerosene-Type Jet Fuel	--	--	--	8,337	--	281	--	-466	--	27	9,057	6,499	
Kerosene	--	--	--	23	--	--	--	-4	--	1	26	114	
Distillate Fuel Oil	--	--	-3	34,245	258	2,731	--	-1,660	--	31	38,860	29,239	
15 ppm sulfur and under	--	--	-3	34,079	221	2,655	--	-1,658	--	1	38,610	28,655	
Greater than 15 to 500 ppm sulfur	--	--	0	182	7	76	--	31	--	5	229	298	
Greater than 500 ppm sulfur	--	--	--	-16	30	--	--	-33	--	25	22	286	
Residual Fuel Oil	--	--	--	975	32	-832	--	-177	--	--	352	909	
Less than 0.31 percent sulfur	--	--	--	35	--	-81	--	-42	--	NA	NA	140	
0.31 to 1.00 percent sulfur	--	--	--	371	7	-238	--	-81	--	NA	NA	182	
Greater than 1.00 percent sulfur	--	--	--	569	25	-513	--	-54	--	NA	NA	587	
Petrochemical Feedstocks	--	--	--	906	151	-40	--	139	--	--	878	635	
Naphtha for Petro. Feed. Use	--	--	--	529	86	--	--	150	--	--	465	523	
Other Oils for Petro. Feed. Use	--	--	--	377	65	-40	--	-11	--	--	413	112	
Special Naphthas	--	--	--	-3	6	29	--	7	--	--	25	125	
Lubricants	--	--	--	212	286	277	--	-22	--	195	602	746	
Waxes	--	--	--	43	10	--	--	8	--	38	7	56	
Petroleum Coke	--	--	--	5,461	8	-1,108	--	-170	--	110	4,421	3,360	
Marketable	--	--	--	4,063	8	-1,108	--	-170	--	110	3,023	3,360	
Catalyst	--	--	--	1,398	--	--	--	--	--	--	1,398	--	
Asphalt and Road Oil	--	--	--	4,975	912	-994	--	1,526	--	70	3,297	14,714	
Still Gas	--	--	--	4,123	--	--	--	--	--	--	4,123	--	
Miscellaneous Products	--	--	--	488	--	13	--	-10	--	1	510	187	
Total	90,386	0	31,660	137,562	93,380	-69,951	-2,439	-12,786	131,065	12,331	149,988	290,190	

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 5. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, April 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	52,972	3,305	--	--	80,747	-25,108	198	-577	111,324	1,366	0	120,647
Hydrocarbon Gas Liquids	36,081	-3,989	-639	5,340	1,428	-21,037	--	2,739	2,592	6,206	5,646	39,516
Natural Gas Liquids	36,081	-3,989	-639	4,028	1,219	-20,135	--	2,718	2,592	6,206	5,048	39,170
Ethane	13,891	--	--	--	--	-8,502	--	264	--	1,703	3,422	7,220
Propane	12,084	--	--	2,231	625	-12,455	--	1,386	--	205	894	13,258
Normal Butane	4,425	--	--	1,994	296	-4,189	--	1,740	365	100	321	6,739
Isobutane	1,699	--	--	-197	295	44	--	-22	1,450	2	412	2,293
Natural Gasoline	3,982	-3,989	-639	--	3	4,968	--	-650	777	4,197	0	9,660
Refinery Olefins	--	--	--	1,312	209	-903	--	21	--	--	597	346
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	1,188	106	-903	--	14	--	--	377	308
Normal Butylene	--	--	--	124	103	--	--	7	--	--	220	38
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	685	30,486	--	453	-13,494	-1,226	-2,322	14,130	3,914	1,182	69,582
Hydrogen/Biofuels/Other Hydrocarbons	--	--	30,486	--	108	-19,952	-301	-814	8,758	1,214	1,182	11,306
Hydrogen	--	--	--	--	--	--	1,033	--	1,033	--	0	--
Biofuels (including Fuel Ethanol)	--	--	30,486	--	108	-19,952	-1,338	-818	7,725	1,214	1,182	11,282
Fuel Ethanol	--	--	27,616	--	--	-18,911	-1,338	-703	7,275	795	0	9,720
Biofuels (excluding Fuel Ethanol)	--	--	2,869	--	108	-1,041	--	-115	450	419	1,182	1,563
Biodiesel	--	--	2,379	--	108	-631	--	-100	411	419	1,126	1,410
Renewable Diesel Fuel	--	--	446	--	--	-409	--	-8	--	NA	44	129
Other Biofuels ⁶	--	--	45	--	--	--	--	-6	39	NA	12	23
Other Hydrocarbons	--	--	--	--	--	--	4	4	--	--	0	24
Unfinished Oils	--	685	--	--	36	135	--	1,709	-3,496	2,643	0	15,225
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	309	6,323	-924	-3,218	8,868	57	0	43,051
Reformulated	--	--	0	--	--	1,573	141	-734	2,448	--	0	4,933
Conventional	--	--	0	--	309	4,750	-1,065	-2,484	6,420	57	0	38,117
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	140	129,354	1,350	584	2,263	-1,293	--	1,438	133,545	58,992
Finished Motor Gasoline	--	--	144	73,713	--	6	2,263	-362	--	346	76,142	3,158
Reformulated	--	--	--	9,967	--	--	-68	--	--	--	9,899	--
Conventional	--	--	144	63,746	--	6	2,331	-362	--	346	66,243	3,158
Finished Aviation Gasoline	--	--	--	22	4	--	--	0	--	--	26	181
Kerosene-Type Jet Fuel	--	--	--	8,795	--	-174	--	737	--	28	7,856	7,236
Kerosene	--	--	--	2	--	--	--	-7	--	1	8	107
Distillate Fuel Oil	--	--	-4	30,170	168	3,803	--	-1,777	--	81	35,833	27,462
15 ppm sulfur and under	--	--	-4	30,086	160	3,734	--	-2,116	--	6	36,086	26,539
Greater than 15 to 500 ppm sulfur	--	--	0	8	5	69	--	-80	--	3	159	218
Greater than 500 ppm sulfur	--	--	--	76	3	--	--	419	--	72	-412	705
Residual Fuel Oil	--	--	--	953	115	-797	--	77	--	--	194	986
Less than 0.31 percent sulfur	--	--	--	57	--	-80	--	-29	--	NA	NA	111
0.31 to 1.00 percent sulfur	--	--	--	355	7	-236	--	43	--	NA	NA	225
Greater than 1.00 percent sulfur	--	--	--	541	108	-481	--	63	--	NA	NA	650
Petrochemical Feedstocks	--	--	--	882	162	-121	--	-42	--	--	965	593
Naphtha for Petro. Feed. Use	--	--	--	531	91	-98	--	-44	--	--	568	479
Other Oils for Petro. Feed. Use	--	--	--	351	71	-23	--	2	--	--	397	114
Special Naphthas	--	--	--	-30	9	42	--	42	--	--	-21	167
Lubricants	--	--	--	223	226	156	--	98	--	184	323	844
Waxes	--	--	--	33	18	--	--	5	--	24	22	61
Petroleum Coke	--	--	--	5,611	22	-1,051	--	-356	--	700	4,238	3,004
Marketable	--	--	--	4,287	22	-1,051	--	-356	--	700	2,914	3,004
Catalyst	--	--	--	1,324	--	--	--	--	--	--	1,324	--
Asphalt and Road Oil	--	--	--	4,386	626	-1,290	--	283	--	73	3,366	14,997
Still Gas	--	--	--	4,154	--	--	--	--	--	--	4,154	--
Miscellaneous Products	--	--	--	440	--	9	--	9	--	1	439	196
Total	89,053	0	29,987	134,694	83,978	-59,056	1,235	-1,453	128,046	12,925	140,373	288,737

-- = Not Applicable.
- = No Data Reported.
NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 5. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, May 2023
(Thousand Barrels)

Commodity	Supply							Disposition					Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵		
Crude Oil	55,375	685	--	--	93,777	-20,007	-4,046	4,472	117,937	3,375	0	125,119	
Hydrocarbon Gas Liquids	37,393	-3,170	-693	5,718	1,471	-17,197	--	6,537	2,659	7,696	6,630	46,054	
Natural Gas Liquids	37,393	-3,170	-693	4,195	1,226	-16,522	--	6,386	2,659	7,696	5,688	45,557	
Ethane	14,100	--	--	--	--	-7,149	--	-598	--	1,998	5,551	6,622	
Propane	12,490	--	--	2,292	614	-11,131	--	4,111	--	173	-19	17,369	
Normal Butane	4,628	--	--	2,236	373	-3,858	--	3,487	33	157	-298	10,226	
Isobutane	1,827	--	--	-333	239	180	--	-246	1,703	2	454	2,047	
Natural Gasoline	4,348	-3,170	-693	--	--	5,436	--	-368	923	5,366	0	9,293	
Refinery Olefins	--	--	--	1,523	245	-675	--	151	--	--	942	497	
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--	
Propylene	--	--	--	1,179	151	-675	--	124	--	--	531	432	
Normal Butylene	--	--	--	344	94	--	--	27	--	--	411	65	
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0	
Other Liquids	--	2,485	32,302	--	408	-13,619	902	-3,040	19,858	3,952	1,709	66,542	
Hydrogen/Biofuels/Other Hydrocarbons	--	--	32,302	--	81	-21,095	369	-822	9,499	1,272	1,709	10,484	
Hydrogen	--	--	--	--	--	--	1,072	--	1,072	--	0	--	
Biofuels (including Fuel Ethanol)	--	--	32,302	--	81	-21,095	-718	-811	8,401	1,272	1,709	10,471	
Fuel Ethanol	--	--	29,252	--	--	-20,427	-718	-630	7,839	897	0	9,089	
Biofuels (excluding Fuel Ethanol)	--	--	3,051	--	81	-667	--	-181	562	374	1,709	1,382	
Biodiesel	--	--	2,583	--	81	-525	--	-171	500	374	1,435	1,239	
Renewable Diesel Fuel	--	--	401	--	--	-142	--	-3	--	NA	261	127	
Other Biofuels ⁶	--	--	68	--	--	--	--	-7	62	NA	13	16	
Other Hydrocarbons	--	--	--	--	--	--	15	-11	26	--	0	13	
Unfinished Oils	--	2,485	--	--	77	-1,037	--	-835	-266	2,626	0	14,390	
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	250	8,513	534	-1,383	10,625	55	0	41,668	
Reformulated	--	--	0	--	--	3,918	-1,480	572	1,866	--	0	5,505	
Conventional	--	--	0	--	250	4,595	2,014	-1,955	8,759	55	0	36,162	
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--	
Finished Petroleum Products	--	--	158	140,179	1,262	2,762	185	-1,872	--	1,234	145,183	57,120	
Finished Motor Gasoline	--	--	163	79,405	--	1,316	185	545	--	316	80,208	3,703	
Reformulated	--	--	--	10,740	--	--	1,712	--	--	--	12,452	--	
Conventional	--	--	163	68,665	--	1,316	-1,527	545	--	316	67,756	3,703	
Finished Aviation Gasoline	--	--	--	26	6	35	--	-31	--	--	98	150	
Kerosene-Type Jet Fuel	--	--	--	8,950	--	158	--	518	--	34	8,556	7,754	
Kerosene	--	--	--	58	20	--	--	72	--	1	5	179	
Distillate Fuel Oil	--	--	-6	34,452	253	3,534	--	-1,555	--	115	39,674	25,907	
15 ppm sulfur and under	--	--	-6	34,146	248	3,436	--	-1,606	--	1	39,430	24,933	
Greater than 15 to 500 ppm sulfur	--	--	0	224	3	98	--	128	--	2	195	346	
Greater than 500 ppm sulfur	--	--	--	82	2	--	--	-77	--	111	50	628	
Residual Fuel Oil	--	--	--	1,036	35	-606	--	-37	--	0	502	949	
Less than 0.31 percent sulfur	--	--	--	63	--	-48	--	14	--	NA	NA	125	
0.31 to 1.00 percent sulfur	--	--	--	404	6	-233	--	-43	--	NA	NA	182	
Greater than 1.00 percent sulfur	--	--	--	569	29	-325	--	-8	--	NA	NA	642	
Petrochemical Feedstocks	--	--	--	872	159	-14	--	-48	--	--	1,065	545	
Naphtha for Petro. Feed. Use	--	--	--	519	84	8	--	-51	--	--	662	428	
Other Oils for Petro. Feed. Use	--	--	--	353	75	-22	--	3	--	--	403	117	
Special Naphthas	--	--	--	-30	20	10	--	23	--	--	-23	190	
Lubricants	--	--	--	228	213	154	--	0	--	221	374	844	
Waxes	--	--	--	46	14	--	--	7	--	21	32	68	
Petroleum Coke	--	--	--	4,936	31	-439	--	-977	--	507	4,998	2,027	
Marketable	--	--	--	3,492	31	-439	--	-977	--	507	3,554	2,027	
Catalyst	--	--	--	1,444	--	--	--	--	--	--	1,444	--	
Asphalt and Road Oil	--	--	--	5,248	511	-1,393	--	-406	--	20	4,751	14,591	
Still Gas	--	--	--	4,475	--	--	--	--	--	--	4,475	--	
Miscellaneous Products	--	--	--	477	--	7	--	17	--	0	467	213	
Total	92,768	0	31,767	145,897	96,918	-48,061	-2,959	6,097	140,454	16,257	153,522	294,834	

-- = Not Applicable.
- = No Data Reported.
NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 5. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, June 2023
(Thousand Barrels)

Commodity	Supply							Disposition					Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵		
Crude Oil	54,265	578	--	--	84,789	-16,756	988	1,070	120,442	2,352	0	126,189	
Hydrocarbon Gas Liquids	34,495	-2,860	-685	6,274	1,685	-16,941	--	4,286	2,746	8,738	6,199	50,339	
Natural Gas Liquids	34,495	-2,860	-685	4,921	1,450	-16,309	--	4,329	2,746	8,738	5,199	49,885	
Ethane	11,984	--	--	--	--	-6,009	--	-223	--	3,359	2,839	6,399	
Propane	12,025	--	--	2,186	902	-10,216	--	2,978	--	134	1,786	20,347	
Normal Butane	4,546	--	--	3,069	380	-5,089	--	2,432	43	129	302	12,658	
Isobutane	1,641	--	--	-334	163	411	--	-263	1,869	2	273	1,784	
Natural Gasoline	4,299	-2,860	-685	--	5	4,594	--	-595	834	5,114	0	8,697	
Refinery Olefins	--	--	--	1,353	235	-632	--	-43	--	--	999	454	
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--	
Propylene	--	--	--	1,180	157	-632	--	-59	--	--	764	373	
Normal Butylene	--	--	--	173	78	--	--	16	--	--	235	81	
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0	
Other Liquids	--	2,282	32,678	--	451	-13,037	-1,987	-2,204	17,022	4,150	1,419	64,338	
Hydrogen/Biofuels/Other Hydrocarbons	--	--	32,678	--	63	-21,374	9	-779	9,346	1,390	1,419	9,705	
Hydrogen	--	--	--	--	--	--	1,080	--	1,080	--	0	--	
Biofuels (including Fuel Ethanol)	--	--	32,678	--	63	-21,374	-1,091	-778	8,245	1,390	1,419	9,693	
Fuel Ethanol	--	--	29,402	--	--	-20,313	-1,091	-638	7,657	979	0	8,451	
Biofuels (excluding Fuel Ethanol)	--	--	3,277	--	63	-1,061	--	-140	588	412	1,419	1,242	
Biodiesel	--	--	2,558	--	63	-501	--	-161	511	412	1,358	1,079	
Renewable Diesel Fuel	--	--	635	--	--	-560	--	16	--	NA	59	143	
Other Biofuels ⁶	--	--	84	--	--	--	--	4	77	NA	3	20	
Other Hydrocarbons	--	--	--	--	--	--	20	-1	21	--	0	12	
Unfinished Oils	--	2,282	--	--	3	-312	--	-789	146	2,616	0	13,601	
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	385	8,649	-1,996	-636	7,530	144	0	41,031	
Reformulated	--	--	0	--	--	4,218	-2,016	146	2,056	--	0	5,651	
Conventional	--	--	0	--	385	4,431	20	-782	5,474	144	0	35,380	
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--	
Finished Petroleum Products	--	--	144	141,221	1,362	2,413	3,087	1,397	--	803	146,028	58,517	
Finished Motor Gasoline	--	--	154	77,830	--	907	3,087	145	--	178	81,655	3,848	
Reformulated	--	--	--	10,265	--	--	2,293	--	--	--	12,558	--	
Conventional	--	--	154	67,565	--	907	795	145	--	178	69,097	3,848	
Finished Aviation Gasoline	--	--	--	35	4	25	--	-13	--	--	77	137	
Kerosene-Type Jet Fuel	--	--	--	8,649	--	-286	--	-404	--	44	8,723	7,350	
Kerosene	--	--	--	-27	--	--	--	-26	--	1	-2	153	
Distillate Fuel Oil	--	--	-10	36,221	361	4,096	--	2,187	--	30	38,451	28,094	
15 ppm sulfur and under	--	--	-10	36,076	357	3,991	--	2,319	--	1	38,095	27,252	
Greater than 15 to 500 ppm sulfur	--	--	0	-1	3	105	--	-63	--	3	167	283	
Greater than 500 ppm sulfur	--	--	--	146	1	--	--	-69	--	27	189	559	
Residual Fuel Oil	--	--	--	1,114	79	-495	--	114	--	1	583	1,063	
Less than 0.31 percent sulfur	--	--	--	64	--	-76	--	-11	--	NA	NA	114	
0.31 to 1.00 percent sulfur	--	--	--	470	9	-292	--	89	--	NA	NA	271	
Greater than 1.00 percent sulfur	--	--	--	580	70	-127	--	36	--	NA	NA	678	
Petrochemical Feedstocks	--	--	--	894	154	-56	--	21	--	--	971	566	
Naphtha for Petro. Feed. Use	--	--	--	520	90	-56	--	24	--	--	530	452	
Other Oils for Petro. Feed. Use	--	--	--	374	64	--	--	-3	--	--	441	114	
Special Naphthas	--	--	--	-33	23	25	--	-13	--	--	28	177	
Lubricants	--	--	--	176	218	147	--	-35	--	203	373	809	
Waxes	--	--	--	43	20	--	--	3	--	33	27	71	
Petroleum Coke	--	--	--	5,540	17	-787	--	272	--	215	4,283	2,299	
Marketable	--	--	--	4,133	17	-787	--	272	--	215	2,876	2,299	
Catalyst	--	--	--	1,407	--	--	--	--	--	--	1,407	--	
Asphalt and Road Oil	--	--	--	5,787	486	-1,170	--	-835	--	97	5,841	13,756	
Still Gas	--	--	--	4,537	--	--	--	--	--	--	4,537	--	
Miscellaneous Products	--	--	--	455	--	7	--	-19	--	0	481	194	
Total	88,760	0	32,137	147,495	88,287	-44,321	2,088	4,548	140,210	16,043	153,645	299,383	

-- = Not Applicable.
- = No Data Reported.
NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 5. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, July 2023
(Thousand Barrels)

Commodity	Supply							Disposition				
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	Ending Stocks
Crude Oil	55,989	1,254	--	--	85,592	-25,462	3,475	-7,418	125,214	3,051	0	118,771
Hydrocarbon Gas Liquids	36,351	-3,179	-700	5,894	1,807	-17,502	--	7,029	3,007	5,991	6,644	57,369
Natural Gas Liquids	36,351	-3,179	-700	4,757	1,545	-16,645	--	7,131	3,007	5,991	6,000	57,017
Ethane	12,195	--	--	--	--	-6,306	--	128	--	2,036	3,725	6,527
Propane	12,804	--	--	2,575	906	-11,831	--	2,680	--	125	1,649	23,027
Normal Butane	4,720	--	--	2,491	430	-4,311	--	2,692	30	160	448	15,350
Isobutane	1,931	--	--	-309	207	302	--	17	1,934	2	178	1,801
Natural Gasoline	4,701	-3,179	-700	--	2	5,500	--	1,614	1,043	3,667	0	10,312
Refinery Olefins	--	--	--	1,137	262	-857	--	-102	--	--	644	352
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	1,022	173	-857	--	-57	--	--	395	316
Normal Butylene	--	--	--	115	89	--	--	-45	--	--	249	36
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	1,925	33,606	--	534	-13,390	-1,072	2,835	13,399	3,932	1,437	67,173
Hydrogen/Biofuels/Other Hydrocarbons	--	--	33,606	--	87	-20,571	-58	844	9,359	1,424	1,437	10,549
Hydrogen	--	--	--	--	--	--	1,181	--	1,181	--	0	--
Biofuels (including Fuel Ethanol)	--	--	33,606	--	87	-20,571	-1,252	845	8,164	1,424	1,437	10,538
Fuel Ethanol	--	--	30,237	--	--	-19,571	-1,252	741	7,627	1,046	0	9,192
Biofuels (excluding Fuel Ethanol)	--	--	3,370	--	87	-1,001	--	104	537	378	1,437	1,346
Biodiesel	--	--	2,672	--	87	-543	--	124	463	378	1,250	1,203
Renewable Diesel Fuel	--	--	618	--	--	-458	--	-24	--	NA	183	119
Other Biofuels ⁶	--	--	80	--	--	--	--	3	74	NA	3	23
Other Hydrocarbons	--	--	--	--	--	--	13	-1	14	--	0	11
Unfinished Oils	--	1,925	--	--	--	--	--	162	-1,026	2,395	0	13,763
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	447	7,575	-1,014	1,829	5,066	113	0	42,860
Reformulated	--	--	0	--	--	3,195	-2,095	-307	1,407	--	0	5,344
Conventional	--	--	0	--	447	4,380	1,081	2,136	3,659	113	0	37,516
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	158	142,825	1,556	1,766	2,266	3,104	--	888	144,579	61,621
Finished Motor Gasoline	--	--	160	77,497	--	901	2,266	7	--	140	80,677	3,855
Reformulated	--	--	--	10,143	--	--	2,387	--	--	--	12,530	--
Conventional	--	--	160	67,354	--	901	-121	7	--	140	68,147	3,855
Finished Aviation Gasoline	--	--	--	55	2	59	--	14	--	--	102	151
Kerosene-Type Jet Fuel	--	--	--	8,844	--	580	--	-233	--	64	9,593	7,117
Kerosene	--	--	--	147	--	--	--	38	--	0	109	191
Distillate Fuel Oil	--	--	-3	37,480	356	2,437	--	3,548	--	73	36,649	31,642
15 ppm sulfur and under	--	--	-3	37,575	351	2,328	--	3,803	--	0	36,448	31,055
Greater than 15 to 500 ppm sulfur	--	--	0	60	4	109	--	-77	--	8	242	206
Greater than 500 ppm sulfur	--	--	--	-155	1	--	--	-178	--	65	-41	381
Residual Fuel Oil	--	--	--	1,009	88	-456	--	152	--	39	450	1,215
Less than 0.31 percent sulfur	--	--	--	56	--	--	--	59	--	NA	NA	173
0.31 to 1.00 percent sulfur	--	--	--	359	10	-319	--	28	--	NA	NA	299
Greater than 1.00 percent sulfur	--	--	--	594	78	-137	--	65	--	NA	NA	743
Petrochemical Feedstocks	--	--	--	883	157	-105	--	-17	--	--	952	549
Naphtha for Petro. Feed. Use	--	--	--	485	87	-71	--	-31	--	--	532	421
Other Oils for Petro. Feed. Use	--	--	--	398	70	-34	--	14	--	--	420	128
Special Naphthas	--	--	--	-33	18	9	--	25	--	--	-31	202
Lubricants	--	--	--	219	222	134	--	4	--	196	375	813
Waxes	--	--	--	21	19	--	--	-19	--	23	36	52
Petroleum Coke	--	--	--	6,109	8	-832	--	798	--	196	4,291	3,097
Marketable	--	--	--	4,659	8	-832	--	798	--	196	2,841	3,097
Catalyst	--	--	--	1,450	--	--	--	--	--	--	1,450	--
Asphalt and Road Oil	--	--	--	5,182	686	-968	--	-1,230	--	156	5,974	12,526
Still Gas	--	--	--	4,902	--	--	--	--	--	--	4,902	--
Miscellaneous Products	--	--	--	510	--	7	--	17	--	0	500	211
Total	92,340	0	33,064	148,719	89,489	-54,589	4,669	5,550	141,620	13,862	152,659	304,933

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 5. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, August 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	57,190	2,390	--	--	92,371	-23,263	-6,268	-9,555	128,872	3,104	0	109,216
Hydrocarbon Gas Liquids	36,688	-3,283	-709	6,072	2,298	-20,020	--	6,386	2,873	6,770	5,015	63,755
Natural Gas Liquids	36,688	-3,283	-709	4,541	2,046	-19,345	--	6,205	2,873	6,770	4,089	63,222
Ethane	12,674	--	--	--	--	-6,630	--	45	--	2,257	3,742	6,572
Propane	12,709	--	--	2,405	1,334	-12,702	--	3,149	--	129	468	26,176
Normal Butane	4,503	--	--	2,441	507	-4,495	--	2,792	31	256	-123	18,142
Isobutane	2,050	--	--	-305	205	-55	--	74	1,819	0	2	1,875
Natural Gasoline	4,752	-3,283	-709	--	--	4,537	--	145	1,023	4,128	0	10,457
Refinery Olefins	--	--	--	1,531	252	-675	--	181	--	--	927	533
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	1,277	171	-675	--	137	--	--	636	453
Normal Butylene	--	--	--	254	81	--	--	44	--	--	291	80
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	893	32,542	--	545	-12,414	-4,801	-1,980	13,745	3,460	1,540	65,193
Hydrogen/Biofuels/Other Hydrocarbons	--	--	32,542	--	76	-19,208	-2,068	-1,229	9,677	1,354	1,540	9,320
Hydrogen	--	--	--	--	--	--	1,155	--	1,155	--	0	--
Biofuels (including Fuel Ethanol)	--	--	32,542	--	76	-19,208	-3,240	-1,232	8,508	1,354	1,540	9,306
Fuel Ethanol	--	--	29,379	--	--	-18,201	-3,240	-1,011	7,924	1,024	0	8,182
Biofuels (excluding Fuel Ethanol)	--	--	3,163	--	76	-1,007	--	-221	584	330	1,540	1,124
Biodiesel	--	--	2,454	--	76	-651	--	-232	511	330	1,269	971
Renewable Diesel Fuel	--	--	629	--	--	-356	--	5	--	NA	268	124
Other Biofuels ⁶	--	--	80	--	--	--	--	5	73	NA	2	29
Other Hydrocarbons	--	--	--	--	--	--	17	3	14	--	0	14
Unfinished Oils	--	893	--	--	--	-524	--	450	-1,858	1,777	0	14,213
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	469	7,318	-2,733	-1,201	5,926	329	0	41,660
Reformulated	--	--	0	--	--	2,621	-1,763	-625	1,483	--	0	4,719
Conventional	--	--	0	--	469	4,697	-970	-576	4,443	329	0	36,940
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	191	147,072	1,409	-69	5,973	-60	--	729	153,907	61,561
Finished Motor Gasoline	--	--	194	79,810	1	-55	5,973	-186	--	209	85,900	3,669
Reformulated	--	--	--	10,624	--	--	1,994	--	--	--	12,618	--
Conventional	--	--	194	69,186	1	-55	3,979	-186	--	209	73,282	3,669
Finished Aviation Gasoline	--	--	--	--	4	--	--	-40	--	--	44	111
Kerosene-Type Jet Fuel	--	--	--	9,687	--	484	--	349	--	88	9,734	7,466
Kerosene	--	--	--	7	--	--	--	-10	--	0	17	181
Distillate Fuel Oil	--	--	-2	38,239	278	2,231	--	933	--	80	39,733	32,575
15 ppm sulfur and under	--	--	-2	38,164	265	2,113	--	851	--	25	39,664	31,906
Greater than 15 to 500 ppm sulfur	--	--	0	235	5	118	--	134	--	5	219	340
Greater than 500 ppm sulfur	--	--	--	-160	8	--	--	-52	--	50	-150	329
Residual Fuel Oil	--	--	--	978	74	-433	--	232	--	10	377	1,447
Less than 0.31 percent sulfur	--	--	--	67	--	--	--	63	--	NA	NA	236
0.31 to 1.00 percent sulfur	--	--	--	239	5	-254	--	229	--	NA	NA	528
Greater than 1.00 percent sulfur	--	--	--	672	69	-179	--	-60	--	NA	NA	683
Petrochemical Feedstocks	--	--	--	964	166	-67	--	61	--	--	1,002	610
Naphtha for Petro. Feed. Use	--	--	--	603	90	-57	--	74	--	--	562	495
Other Oils for Petro. Feed. Use	--	--	--	361	76	-10	--	-13	--	--	440	115
Special Naphthas	--	--	--	-25	17	10	--	-9	--	--	11	193
Lubricants	--	--	--	216	250	172	--	-31	--	181	488	782
Waxes	--	--	--	36	21	--	--	10	--	32	15	62
Petroleum Coke	--	--	--	5,765	10	-1,011	--	-429	--	78	5,115	2,668
Marketable	--	--	--	4,296	10	-1,011	--	-429	--	78	3,646	2,668
Catalyst	--	--	--	1,469	--	--	--	--	--	--	1,469	--
Asphalt and Road Oil	--	--	--	5,963	588	-1,408	--	-939	--	51	6,031	11,587
Still Gas	--	--	--	4,919	--	--	--	--	--	--	4,919	--
Miscellaneous Products	--	--	--	513	--	8	--	-1	--	0	522	210
Total	93,878	0	32,024	153,144	96,623	-55,766	-5,096	-5,209	145,490	14,064	160,462	299,724

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 5. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, September 2023
(Thousand Barrels)

Commodity	Supply							Disposition					Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵		
Crude Oil	57,305	2,582	--	--	84,709	-30,748	830	-4,784	114,469	4,993	0	104,432	
Hydrocarbon Gas Liquids	37,659	-4,558	-655	3,258	1,742	-17,385	--	1,302	3,819	5,692	9,247	65,057	
Natural Gas Liquids	37,659	-4,558	-655	1,967	1,510	-16,553	--	1,320	3,819	5,692	8,538	64,542	
Ethane	13,695	--	--	--	--	-7,361	--	-459	--	1,921	4,872	6,113	
Propane	12,701	--	--	2,149	827	-10,336	--	1,825	--	124	3,392	28,001	
Normal Butane	4,580	--	--	206	495	-4,156	--	232	647	58	189	18,374	
Isobutane	1,909	--	--	-388	188	671	--	421	1,869	4	86	2,296	
Natural Gasoline	4,774	-4,558	-655	--	--	4,629	--	-699	1,303	3,586	0	9,758	
Refinery Olefins	--	--	--	1,291	232	-833	--	-18	--	--	708	515	
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--	
Propylene	--	--	--	1,123	154	-833	--	-3	--	--	447	450	
Normal Butylene	--	--	--	168	78	--	--	-15	--	--	261	65	
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0	
Other Liquids	--	1,976	31,520	--	480	-13,172	-1,607	1,312	12,550	3,881	1,455	66,505	
Hydrogen/Biofuels/Other Hydrocarbons	--	--	31,520	--	70	-19,323	-287	468	8,860	1,198	1,455	9,788	
Hydrogen	--	--	--	--	--	--	1,016	--	1,016	--	0	--	
Biofuels (including Fuel Ethanol)	--	--	31,520	--	70	-19,323	-1,310	466	7,839	1,198	1,455	9,772	
Fuel Ethanol	--	--	28,426	--	--	-18,249	-1,310	606	7,302	959	0	8,788	
Biofuels (excluding Fuel Ethanol)	--	--	3,095	--	70	-1,074	--	-140	537	239	1,455	985	
Biodiesel	--	--	2,443	--	70	-546	--	-127	467	239	1,388	844	
Renewable Diesel Fuel	--	--	566	--	--	-528	--	-18	--	NA	56	107	
Other Biofuels ⁶	--	--	86	--	--	--	--	5	70	NA	11	34	
Other Hydrocarbons	--	--	--	--	--	--	7	2	5	--	0	16	
Unfinished Oils	--	1,976	--	--	--	-589	--	-368	-722	2,477	0	13,845	
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	410	6,740	-1,320	1,212	4,412	206	0	42,871	
Reformulated	--	--	0	--	--	2,047	-847	-335	1,535	--	0	4,384	
Conventional	--	--	0	--	410	4,693	-473	1,547	2,877	206	0	38,487	
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--	
Finished Petroleum Products	--	--	167	134,377	1,261	402	2,630	-3,507	--	846	141,497	58,054	
Finished Motor Gasoline	--	--	169	74,121	--	-259	2,630	25	--	147	76,488	3,694	
Reformulated	--	--	--	9,950	--	--	968	--	--	--	10,918	--	
Conventional	--	--	169	64,171	--	-259	1,661	25	--	147	65,570	3,694	
Finished Aviation Gasoline	--	--	--	1	3	25	--	69	--	--	-40	180	
Kerosene-Type Jet Fuel	--	--	--	8,386	--	645	--	-294	--	83	9,242	7,172	
Kerosene	--	--	--	105	--	--	--	49	--	0	56	230	
Distillate Fuel Oil	--	--	-2	34,637	159	2,594	--	-1,488	--	62	38,814	31,087	
15 ppm sulfur and under	--	--	-2	34,785	156	2,457	--	-1,452	--	1	38,847	30,454	
Greater than 15 to 500 ppm sulfur	--	--	--	37	1	137	--	-58	--	4	229	282	
Greater than 500 ppm sulfur	--	--	--	-185	2	--	--	22	--	57	-262	351	
Residual Fuel Oil	--	--	--	970	84	-239	--	-128	--	1	942	1,319	
Less than 0.31 percent sulfur	--	--	--	81	--	--	--	13	--	NA	NA	249	
0.31 to 1.00 percent sulfur	--	--	--	315	7	-153	--	23	--	NA	NA	551	
Greater than 1.00 percent sulfur	--	--	--	574	77	-86	--	-164	--	NA	NA	519	
Petrochemical Feedstocks	--	--	--	843	153	-100	--	-64	--	--	960	546	
Naphtha for Petro. Feed. Use	--	--	--	498	90	-33	--	-77	--	--	632	418	
Other Oils for Petro. Feed. Use	--	--	--	345	63	-67	--	13	--	--	328	128	
Special Naphthas	--	--	--	-28	22	17	--	-9	--	--	20	184	
Lubricants	--	--	--	121	200	49	--	-55	--	194	231	727	
Waxes	--	--	--	25	15	--	--	2	--	21	17	64	
Petroleum Coke	--	--	--	5,515	7	-1,208	--	-218	--	216	4,315	2,450	
Marketable	--	--	--	4,039	7	-1,208	--	-218	--	216	2,839	2,450	
Catalyst	--	--	--	1,476	--	--	--	--	--	--	1,476	--	
Asphalt and Road Oil	--	--	--	4,963	618	-1,128	--	-1,392	--	121	5,724	10,195	
Still Gas	--	--	--	4,258	--	--	--	--	--	--	4,258	--	
Miscellaneous Products	--	--	--	460	--	7	--	-4	--	1	470	206	
Total	94,964	0	31,032	137,635	88,192	-60,903	1,853	-5,676	130,838	15,412	152,199	294,048	

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 5. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, October 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	58,319	794	--	--	88,529	-33,121	3,595	714	113,985	3,417	0	105,146
Hydrocarbon Gas Liquids	39,240	-3,891	-711	1,103	1,575	-19,373	--	-2,031	4,558	4,806	10,611	63,026
Natural Gas Liquids	39,240	-3,891	-711	54	1,362	-18,629	--	-2,014	4,558	4,806	10,075	62,528
Ethane	14,940	--	--	--	--	-8,400	--	701	--	1,081	4,758	6,814
Propane	13,013	--	--	2,233	970	-12,433	--	-940	--	60	4,663	27,061
Normal Butane	4,612	--	--	-1,948	217	-3,839	--	-2,623	1,295	185	185	15,751
Isobutane	2,013	--	--	-231	175	360	--	-281	2,127	3	468	2,015
Natural Gasoline	4,662	-3,891	-711	--	--	5,682	--	1,129	1,136	3,477	0	10,887
Refinery Olefins	--	--	--	1,049	213	-743	--	-17	--	--	536	498
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	1,003	132	-743	--	-37	--	--	429	413
Normal Butylene	--	--	--	46	81	--	--	20	--	--	107	85
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	3,096	33,292	--	952	-15,441	-5,397	-1,265	11,489	4,663	1,616	65,240
Hydrogen/Biofuels/Other Hydrocarbons	--	--	33,292	--	111	-20,531	-1,052	-142	9,243	1,104	1,616	9,646
Hydrogen	--	--	--	--	--	--	1,212	--	1,212	--	0	--
Biofuels (including Fuel Ethanol)	--	--	33,292	--	111	-20,531	-2,282	-144	8,015	1,104	1,616	9,628
Fuel Ethanol	--	--	30,208	--	--	-19,536	-2,282	-175	7,593	973	0	8,612
Biofuels (excluding Fuel Ethanol)	--	--	3,084	--	111	-995	--	31	422	131	1,616	1,016
Biodiesel	--	--	2,476	--	111	-614	--	56	354	131	1,432	900
Renewable Diesel Fuel	--	--	529	--	--	-381	--	-17	--	NA	166	90
Other Biofuels ⁶	--	--	79	--	--	--	--	-7	68	NA	18	27
Other Hydrocarbons	--	--	--	--	--	--	18	2	16	--	0	18
Unfinished Oils	--	3,096	--	--	--	-850	--	1,133	-2,074	3,187	0	14,978
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	841	5,940	-4,345	-2,256	4,320	371	0	40,616
Reformulated	--	--	0	--	--	1,224	858	233	1,849	--	0	4,617
Conventional	--	--	0	--	841	4,716	-5,203	-2,489	2,471	371	0	35,998
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	171	135,943	1,404	1,124	6,627	-5,775	--	581	150,464	52,278
Finished Motor Gasoline	--	--	173	76,846	--	-555	6,627	-327	--	158	83,260	3,367
Reformulated	--	--	--	10,559	--	--	-711	--	--	--	9,848	--
Conventional	--	--	173	66,287	--	-555	7,338	-327	--	158	73,411	3,367
Finished Aviation Gasoline	--	--	--	--	4	25	--	-5	--	--	34	175
Kerosene-Type Jet Fuel	--	--	--	8,128	--	851	--	-318	--	86	9,211	6,854
Kerosene	--	--	--	-44	--	--	--	-101	--	--	57	129
Distillate Fuel Oil	--	--	-1	33,922	207	3,366	--	-4,021	--	67	41,448	27,065
15 ppm sulfur and under	--	--	-1	33,935	199	3,271	--	-3,963	--	49	41,318	26,490
Greater than 15 to 500 ppm sulfur	--	--	--	195	3	95	--	83	--	--	210	365
Greater than 500 ppm sulfur	--	--	0	-208	5	--	--	-141	--	18	-80	210
Residual Fuel Oil	--	--	--	954	202	-714	--	122	--	0	320	1,441
Less than 0.31 percent sulfur	--	--	--	39	--	-73	--	34	--	NA	NA	283
0.31 to 1.00 percent sulfur	--	--	--	280	14	-153	--	-26	--	NA	NA	525
Greater than 1.00 percent sulfur	--	--	--	635	188	-488	--	114	--	NA	NA	633
Petrochemical Feedstocks	--	--	--	873	142	-45	--	-7	--	--	977	539
Naphtha for Petro. Feed. Use	--	--	--	536	85	-45	--	2	--	--	574	420
Other Oils for Petro. Feed. Use	--	--	--	337	57	--	--	-9	--	--	403	119
Special Naphthas	--	--	--	-14	10	17	--	-10	--	--	23	174
Lubricants	--	--	--	-3	200	187	--	-202	--	165	421	525
Waxes	--	--	--	-2	20	--	--	-19	--	21	16	45
Petroleum Coke	--	--	--	5,803	2	-305	--	70	--	77	5,353	2,520
Marketable	--	--	--	4,371	2	-305	--	70	--	77	3,921	2,520
Catalyst	--	--	--	1,432	--	--	--	--	--	--	1,432	--
Asphalt and Road Oil	--	--	--	4,733	617	-1,717	--	-954	--	7	4,581	9,241
Still Gas	--	--	--	4,293	--	--	--	--	--	--	4,293	--
Miscellaneous Products	--	--	--	454	--	14	--	-3	--	1	470	203
Total	97,559	0	32,752	137,046	92,460	-66,810	4,825	-8,357	130,032	13,467	162,690	285,690

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 5. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, November 2023
(Thousand Barrels)

Commodity	Supply							Disposition					Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵		
Crude Oil	57,253	-361	--	--	98,292	-25,149	-6,665	5,630	114,217	3,524	0	110,776	
Hydrocarbon Gas Liquids	36,639	-3,698	-685	131	1,787	-16,269	--	-6,279	4,267	5,752	14,164	56,747	
Natural Gas Liquids	36,639	-3,698	-685	-865	1,561	-15,534	--	-6,264	4,267	5,752	13,663	56,264	
Ethane	12,924	--	--	--	--	-7,274	--	-847	--	1,170	5,327	5,967	
Propane	12,719	--	--	2,077	1,166	-10,279	--	-1,695	--	77	7,300	25,366	
Normal Butane	4,442	--	--	-2,689	283	-3,868	--	-3,772	1,388	124	428	11,979	
Isobutane	2,044	--	--	-253	112	540	--	8	1,826	2	608	2,023	
Natural Gasoline	4,510	-3,698	-685	--	--	5,348	--	42	1,053	4,379	0	10,929	
Refinery Olefins	--	--	--	996	226	-735	--	-15	--	--	502	483	
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--	
Propylene	--	--	--	990	145	-735	--	41	--	--	359	454	
Normal Butylene	--	--	--	6	81	--	--	-56	--	--	143	29	
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0	
Other Liquids	--	4,059	32,513	--	747	-16,373	-2,257	3,327	9,770	4,419	1,173	68,566	
Hydrogen/Biofuels/Other Hydrocarbons	--	--	32,514	--	120	-20,616	-741	167	8,952	986	1,173	9,812	
Hydrogen	--	--	--	--	--	--	1,317	--	1,317	--	0	--	
Biofuels (including Fuel Ethanol)	--	--	32,514	--	120	-20,616	-2,063	162	7,635	986	1,173	9,789	
Fuel Ethanol	--	--	29,839	--	--	-19,389	-2,063	183	7,302	901	0	8,795	
Biofuels (excluding Fuel Ethanol)	--	--	2,676	--	120	-1,227	--	-21	333	84	1,173	994	
Biodiesel	--	--	2,309	--	120	-882	--	-30	282	84	1,210	870	
Renewable Diesel Fuel	--	--	307	--	--	-344	--	4	--	NA	-41	94	
Other Biofuels ⁶	--	--	60	--	--	--	--	4	51	NA	4	31	
Other Hydrocarbons	--	--	--	--	--	--	5	5	--	--	0	23	
Unfinished Oils	--	4,059	--	--	0	-1,731	--	-634	-313	3,275	0	14,344	
Motor Gasoline Blend.Comp. (MGBC)	--	--	-1	--	627	5,974	-1,516	3,794	1,131	159	0	44,410	
Reformulated	--	--	0	--	--	368	1,748	173	1,943	--	0	4,790	
Conventional	--	--	-1	--	627	5,606	-3,264	3,621	-812	159	0	39,619	
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--	
Finished Petroleum Products	--	--	164	135,811	1,285	1,516	3,579	551	--	601	141,202	52,830	
Finished Motor Gasoline	--	--	165	73,895	--	368	3,579	372	--	133	77,502	3,739	
Reformulated	--	--	--	10,324	--	--	-1,575	--	--	--	8,749	--	
Conventional	--	--	165	63,571	--	368	5,154	372	--	133	68,753	3,739	
Finished Aviation Gasoline	--	--	--	--	4	25	--	-4	--	--	33	171	
Kerosene-Type Jet Fuel	--	--	--	8,563	--	1,500	--	365	--	90	9,608	7,219	
Kerosene	--	--	--	181	--	--	--	58	--	--	123	187	
Distillate Fuel Oil	--	--	-1	35,611	241	2,501	--	315	--	52	37,985	27,381	
15 ppm sulfur and under	--	--	-1	35,545	221	2,375	--	27	--	1	38,112	26,518	
Greater than 15 to 500 ppm sulfur	--	--	0	130	3	126	--	44	--	--	215	409	
Greater than 500 ppm sulfur	--	--	0	-64	17	--	--	244	--	51	-342	454	
Residual Fuel Oil	--	--	--	1,082	124	-621	--	-188	--	--	773	1,253	
Less than 0.31 percent sulfur	--	--	--	74	--	-139	--	-109	--	NA	NA	174	
0.31 to 1.00 percent sulfur	--	--	--	311	9	-107	--	-52	--	NA	NA	473	
Greater than 1.00 percent sulfur	--	--	--	697	115	-375	--	-27	--	NA	NA	606	
Petrochemical Feedstocks	--	--	--	731	162	-50	--	-7	--	--	850	532	
Naphtha for Petro. Feed. Use	--	--	--	439	87	-24	--	-3	--	--	505	417	
Other Oils for Petro. Feed. Use	--	--	--	292	75	-26	--	-4	--	--	345	115	
Special Naphthas	--	--	--	-43	11	31	--	-29	--	--	28	145	
Lubricants	--	--	--	118	220	130	--	40	--	181	247	565	
Waxes	--	--	--	14	17	--	--	-10	--	21	20	35	
Petroleum Coke	--	--	--	5,832	1	-1,164	--	-448	--	106	5,011	2,072	
Marketable	--	--	--	4,463	1	-1,164	--	-448	--	106	3,642	2,072	
Catalyst	--	--	--	1,369	--	--	--	--	--	--	1,369	--	
Asphalt and Road Oil	--	--	--	4,829	505	-1,212	--	61	--	19	4,042	9,302	
Still Gas	--	--	--	4,522	--	--	--	--	--	--	4,522	--	
Miscellaneous Products	--	--	--	476	--	7	--	26	--	0	457	229	
Total	93,892	0	31,992	135,942	102,111	-56,275	-5,343	3,229	128,254	14,297	156,539	288,919	

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 5. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, December 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	58,975	251	--	--	90,172	-22,447	5,202	5,781	122,474	3,899	0	116,557
Hydrocarbon Gas Liquids	35,563	-3,540	-701	168	1,910	-15,546	--	-6,758	4,550	7,244	12,818	49,989
Natural Gas Liquids	35,563	-3,540	-701	-1,081	1,610	-14,916	--	-6,684	4,550	7,244	11,825	49,580
Ethane	11,140	--	--	--	--	-5,036	--	35	--	2,617	3,452	6,002
Propane	13,182	--	--	2,301	1,079	-12,064	--	-3,454	--	48	7,904	21,912
Normal Butane	4,579	--	--	-3,253	386	-3,643	--	-4,037	1,549	148	409	7,942
Isobutane	2,094	--	--	-129	145	165	--	81	2,130	3	61	2,104
Natural Gasoline	4,568	-3,540	-701	--	--	5,663	--	691	871	4,428	0	11,620
Refinery Olefins	--	--	--	1,249	300	-631	--	-74	--	--	992	409
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	1,181	213	-631	--	-84	--	--	847	370
Normal Butylene	--	--	--	68	87	--	--	10	--	--	145	39
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	3,289	34,521	--	582	-20,143	-3,065	5,857	4,835	3,325	1,168	74,423
Hydrogen/Biofuels/Other Hydrocarbons	--	--	34,522	--	85	-23,389	1,068	1,232	8,975	911	1,168	11,044
Hydrogen	--	--	--	--	--	--	1,441	--	1,441	--	0	--
Biofuels (including Fuel Ethanol)	--	--	34,522	--	85	-23,389	-384	1,242	7,513	911	1,168	11,031
Fuel Ethanol	--	--	31,722	--	--	-22,160	-384	1,099	7,234	845	0	9,894
Biofuels (excluding Fuel Ethanol)	--	--	2,800	--	85	-1,229	--	143	279	66	1,168	1,137
Biodiesel	--	--	2,330	--	85	-861	--	122	237	66	1,129	992
Renewable Diesel Fuel	--	--	403	--	--	-368	--	13	--	NA	22	107
Other Biofuels ⁶	--	--	67	--	--	--	--	8	42	NA	17	39
Other Hydrocarbons	--	--	--	--	--	--	11	-10	21	--	0	13
Unfinished Oils	--	3,289	--	--	0	-1,194	--	-1,940	1,723	2,312	0	12,404
Motor Gasoline Blend.Comp. (MGBC)	--	--	-1	--	497	4,440	-4,133	6,565	-5,863	101	0	50,974
Reformulated	--	--	0	--	--	115	2,460	333	2,242	--	0	5,123
Conventional	--	--	-1	--	497	4,325	-6,593	6,232	-8,105	101	0	45,851
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	147	139,313	1,308	-2,338	4,517	6,633	--	503	135,811	59,462
Finished Motor Gasoline	--	--	149	72,962	--	-691	4,517	139	--	81	76,717	3,878
Reformulated	--	--	--	10,364	--	--	-2,244	--	--	--	8,120	--
Conventional	--	--	149	62,598	--	-691	6,762	139	--	81	68,598	3,878
Finished Aviation Gasoline	--	--	--	--	2	45	--	12	--	--	35	183
Kerosene-Type Jet Fuel	--	--	--	9,282	--	882	--	225	--	111	9,828	7,444
Kerosene	--	--	--	212	--	--	--	13	--	0	199	200
Distillate Fuel Oil	--	--	-2	39,045	243	1,136	--	5,596	--	41	34,785	32,976
15 ppm sulfur and under	--	--	-2	39,228	217	932	--	5,804	--	1	34,570	32,321
Greater than 15 to 500 ppm sulfur	--	--	--	21	2	133	--	-91	--	1	246	318
Greater than 500 ppm sulfur	--	--	--	-204	24	71	--	-117	--	39	-31	337
Residual Fuel Oil	--	--	--	1,043	152	-955	--	-74	--	--	314	1,179
Less than 0.31 percent sulfur	--	--	--	34	--	-142	--	-60	--	NA	NA	114
0.31 to 1.00 percent sulfur	--	--	--	360	7	-256	--	-88	--	NA	NA	385
Greater than 1.00 percent sulfur	--	--	--	649	145	-557	--	74	--	NA	NA	680
Petrochemical Feedstocks	--	--	--	882	157	-67	--	45	--	--	927	577
Naphtha for Petro. Feed. Use	--	--	--	534	88	-67	--	35	--	--	520	452
Other Oils for Petro. Feed. Use	--	--	--	348	69	--	--	10	--	--	407	125
Special Naphthas	--	--	--	-9	6	15	--	24	--	--	-12	169
Lubricants	--	--	--	256	199	140	--	132	--	179	284	697
Waxes	--	--	--	58	21	--	--	30	--	14	35	65
Petroleum Coke	--	--	--	6,121	4	-1,670	--	-94	--	57	4,492	1,978
Marketable	--	--	--	4,617	4	-1,670	--	-94	--	57	2,988	1,978
Catalyst	--	--	--	1,504	--	--	--	--	--	--	1,504	--
Asphalt and Road Oil	--	--	--	4,336	524	-1,193	--	569	--	20	3,078	9,871
Still Gas	--	--	--	4,587	--	--	--	--	--	--	4,587	--
Miscellaneous Products	--	--	--	538	--	20	--	16	--	1	541	245
Total	94,538	0	33,967	139,481	93,972	-60,474	6,654	11,512	131,859	14,971	149,797	300,431

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 6. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,678	67	--	--	2,944	-363	-26	547	3,668	86	0
Hydrocarbon Gas Liquids	1,035	-116	-22	34	79	-330	--	-154	121	231	483
Natural Gas Liquids	1,035	-116	-22	-1	71	-312	--	-152	121	231	456
Ethane	333	--	--	--	--	-155	--	14	--	74	90
Propane	384	--	--	72	46	-262	--	-98	--	4	334
Normal Butane	129	--	--	-69	19	-123	--	-105	39	3	20
Isobutane	63	--	--	-5	6	15	--	10	57	0	12
Natural Gasoline	126	-116	-22	--	0	214	--	27	25	149	0
Refinery Olefins	--	--	--	35	8	-18	--	-2	--	--	27
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	35	5	-18	--	-2	--	--	24
Normal Butylene	--	--	--	0	3	--	--	0	--	--	3
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	50	1,050	--	28	-507	-175	136	168	115	27
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,050	--	3	-604	-98	22	272	31	27
Hydrogen	--	--	--	--	--	--	41	--	41	--	0
Biofuels (including Fuel Ethanol)	--	--	1,050	--	3	-604	-139	22	231	31	27
Fuel Ethanol	--	--	955	--	--	-556	-139	9	221	30	0
Biofuels (excluding Fuel Ethanol)	--	--	95	--	3	-47	--	13	10	1	27
Biodiesel	--	--	74	--	3	-26	--	11	7	1	32
Renewable Diesel Fuel	--	--	18	--	--	-21	--	2	--	NA	-6
Other Biofuels ⁶	--	--	3	--	--	--	--	0	3	NA	1
Other Hydrocarbons	--	--	--	--	--	--	1	0	1	--	0
Unfinished Oils	--	50	--	--	--	-31	--	-17	-46	82	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	25	128	-77	132	-58	2	0
Reformulated	--	--	0	--	--	7	41	19	28	--	0
Conventional	--	--	0	--	25	122	-118	112	-86	2	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	4	4,141	53	-67	216	78	--	20	4,250
Finished Motor Gasoline	--	--	4	2,219	--	3	216	8	--	6	2,429
Reformulated	--	--	--	314	--	--	-36	--	--	--	278
Conventional	--	--	4	1,905	--	3	253	8	--	6	2,151
Finished Aviation Gasoline	--	--	--	--	0	1	--	1	--	--	1
Kerosene-Type Jet Fuel	--	--	--	236	--	11	--	11	--	1	235
Kerosene	--	--	--	7	--	--	--	1	--	0	5
Distillate Fuel Oil	--	--	0	1,133	15	15	--	9	--	3	1,151
15 ppm sulfur and under	--	--	0	1,135	14	12	--	10	--	0	1,150
Greater than 15 to 500 ppm sulfur	--	--	0	4	0	3	--	-2	--	1	9
Greater than 500 ppm sulfur	--	--	--	-6	0	--	--	0	--	2	-9
Residual Fuel Oil	--	--	--	29	4	-28	--	-4	--	0	9
Less than 0.31 percent sulfur	--	--	--	1	--	-2	--	1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	15	0	-5	--	-2	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	14	4	-22	--	-3	--	NA	NA
Petrochemical Feedstocks	--	--	--	26	6	-3	--	-1	--	--	30
Naphtha for Petro. Feed. Use	--	--	--	13	3	-3	--	0	--	--	14
Other Oils for Petro. Feed. Use	--	--	--	13	3	--	--	-1	--	--	16
Special Naphthas	--	--	--	0	0	1	--	-1	--	--	2
Lubricants	--	--	--	6	7	5	--	-1	--	6	14
Waxes	--	--	--	1	0	--	--	0	--	1	0
Petroleum Coke	--	--	--	178	0	-34	--	15	--	1	129
Marketable	--	--	--	136	0	-34	--	15	--	1	86
Catalyst	--	--	--	43	--	--	--	--	--	--	43
Asphalt and Road Oil	--	--	--	160	21	-39	--	41	--	3	98
Still Gas	--	--	--	132	--	--	--	--	--	--	132
Miscellaneous Products	--	--	--	16	--	0	--	-1	--	0	16
Total	2,714	0	1,032	4,175	3,105	-1,267	15	607	3,956	452	4,759

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 6. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, February 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,778	70	--	--	3,037	-682	-121	127	3,835	120	0
Hydrocarbon Gas Liquids	1,120	-106	-22	38	83	-603	--	-291	125	248	428
Natural Gas Liquids	1,120	-106	-22	5	72	-579	--	-292	125	248	409
Ethane	396	--	--	--	--	-203	--	-4	--	70	127
Propane	397	--	--	75	52	-417	--	-188	--	3	292
Normal Butane	133	--	--	-63	14	-128	--	-63	34	4	-18
Isobutane	66	--	--	-7	5	7	--	4	59	0	8
Natural Gasoline	128	-106	-22	--	0	162	--	-41	32	170	0
Refinery Olefins	--	--	--	33	11	-24	--	1	--	--	20
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	33	5	-24	--	1	--	--	13
Normal Butylene	--	--	--	0	6	--	--	0	--	--	6
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	36	1,053	--	24	-559	-122	96	176	117	44
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,053	--	3	-698	19	19	286	29	44
Hydrogen	--	--	--	--	--	--	41	--	41	--	0
Biofuels (including Fuel Ethanol)	--	--	1,053	--	3	-698	-23	19	244	29	44
Fuel Ethanol	--	--	955	--	--	-656	-23	16	234	27	0
Biofuels (excluding Fuel Ethanol)	--	--	98	--	3	-42	--	3	10	2	44
Biodiesel	--	--	75	--	3	-28	--	3	8	2	38
Renewable Diesel Fuel	--	--	20	--	--	-14	--	1	--	NA	5
Other Biofuels ⁶	--	--	3	--	--	--	--	0	3	NA	1
Other Hydrocarbons	--	--	--	--	--	--	0	0	0	--	0
Unfinished Oils	--	36	--	--	--	-27	--	18	-95	86	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	20	166	-140	59	-16	3	0
Reformulated	--	--	0	--	--	40	6	-5	51	--	0
Conventional	--	--	0	--	20	126	-146	64	-67	3	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	4	4,300	50	-72	163	116	--	18	4,312
Finished Motor Gasoline	--	--	5	2,330	--	-2	163	-3	--	7	2,492
Reformulated	--	--	--	333	--	--	1	--	--	--	333
Conventional	--	--	5	1,998	--	-2	163	-3	--	7	2,159
Finished Aviation Gasoline	--	--	--	1	0	--	--	-1	--	--	2
Kerosene-Type Jet Fuel	--	--	--	229	--	19	--	-6	--	1	253
Kerosene	--	--	--	4	--	--	--	-1	--	0	4
Distillate Fuel Oil	--	--	0	1,170	7	32	--	61	--	1	1,148
15 ppm sulfur and under	--	--	0	1,177	7	30	--	66	--	0	1,147
Greater than 15 to 500 ppm sulfur	--	--	0	1	0	2	--	-2	--	0	5
Greater than 500 ppm sulfur	--	--	--	-8	1	--	--	-4	--	0	-4
Residual Fuel Oil	--	--	--	32	2	-31	--	1	--	--	2
Less than 0.31 percent sulfur	--	--	--	4	--	-5	--	-2	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	13	0	-11	--	3	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	14	2	-15	--	1	--	NA	NA
Petrochemical Feedstocks	--	--	--	24	6	-2	--	0	--	--	28
Naphtha for Petro. Feed. Use	--	--	--	11	3	-2	--	0	--	--	13
Other Oils for Petro. Feed. Use	--	--	--	13	3	--	--	0	--	--	15
Special Naphthas	--	--	--	0	0	1	--	0	--	--	1
Lubricants	--	--	--	7	9	4	--	2	--	6	13
Waxes	--	--	--	1	0	--	--	0	--	1	1
Petroleum Coke	--	--	--	184	1	-45	--	16	--	1	123
Marketable	--	--	--	141	1	-45	--	16	--	1	80
Catalyst	--	--	--	43	--	--	--	--	--	--	43
Asphalt and Road Oil	--	--	--	160	25	-49	--	49	--	1	86
Still Gas	--	--	--	141	--	--	--	--	--	--	141
Miscellaneous Products	--	--	--	18	--	0	--	-1	--	0	19
Total	2,898	0	1,036	4,338	3,193	-1,916	-79	47	4,136	503	4,784

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 6. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, March 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,759	100	--	--	2,872	-1,009	-117	-203	3,741	67	0
Hydrocarbon Gas Liquids	1,157	-121	-22	107	66	-664	--	-88	101	196	314
Natural Gas Liquids	1,157	-121	-22	70	55	-638	--	-88	101	196	290
Ethane	437	--	--	--	--	-254	--	14	--	45	124
Propane	394	--	--	78	31	-422	--	-95	--	5	171
Normal Butane	140	--	--	-2	13	-153	--	-3	16	2	-16
Isobutane	57	--	--	-7	11	2	--	-4	55	0	12
Natural Gasoline	127	-121	-22	--	0	189	--	-1	30	143	0
Refinery Olefins	--	--	--	38	10	-25	--	-1	--	--	23
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	37	5	-25	--	-2	--	--	18
Normal Butylene	--	--	--	1	5	--	--	1	--	--	5
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	21	1,038	--	21	-605	-34	-97	386	110	42
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,038	--	4	-721	36	-5	286	33	42
Hydrogen	--	--	--	--	--	--	38	--	38	--	0
Biofuels (including Fuel Ethanol)	--	--	1,038	--	4	-721	-3	-5	248	33	42
Fuel Ethanol	--	--	942	--	--	-679	-3	-4	237	28	0
Biofuels (excluding Fuel Ethanol)	--	--	96	--	4	-43	--	-1	11	5	42
Biodiesel	--	--	77	--	4	-28	--	0	9	5	39
Renewable Diesel Fuel	--	--	16	--	--	-15	--	-1	--	NA	2
Other Biofuels ⁶	--	--	3	--	--	--	--	0	2	NA	0
Other Hydrocarbons	--	--	--	--	--	--	0	0	0	--	0
Unfinished Oils	--	21	--	--	--	-16	--	-1	-72	77	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	17	133	-70	-91	171	0	0
Reformulated	--	--	0	--	--	4	70	28	45	--	0
Conventional	--	--	0	--	17	129	-140	-119	125	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	5	4,330	54	21	73	-24	--	24	4,482
Finished Motor Gasoline	--	--	5	2,402	--	9	73	4	--	9	2,476
Reformulated	--	--	--	334	--	--	-65	--	--	--	269
Conventional	--	--	5	2,067	--	9	138	4	--	9	2,207
Finished Aviation Gasoline	--	--	--	--	0	1	--	-1	--	--	2
Kerosene-Type Jet Fuel	--	--	--	269	--	9	--	-15	--	1	292
Kerosene	--	--	--	1	--	--	--	0	--	0	1
Distillate Fuel Oil	--	--	0	1,105	8	88	--	-54	--	1	1,254
15 ppm sulfur and under	--	--	0	1,099	7	86	--	-53	--	0	1,245
Greater than 15 to 500 ppm sulfur	--	--	0	6	0	2	--	1	--	0	7
Greater than 500 ppm sulfur	--	--	--	-1	1	--	--	-1	--	1	1
Residual Fuel Oil	--	--	--	31	1	-27	--	-6	--	--	11
Less than 0.31 percent sulfur	--	--	--	1	--	-3	--	-1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	12	0	-8	--	-3	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	18	1	-17	--	-2	--	NA	NA
Petrochemical Feedstocks	--	--	--	29	5	-1	--	4	--	--	28
Naphtha for Petro. Feed. Use	--	--	--	17	3	--	--	5	--	--	15
Other Oils for Petro. Feed. Use	--	--	--	12	2	-1	--	0	--	--	13
Special Naphthas	--	--	--	0	0	1	--	0	--	--	1
Lubricants	--	--	--	7	9	9	--	-1	--	6	19
Waxes	--	--	--	1	0	--	--	0	--	1	0
Petroleum Coke	--	--	--	176	0	-36	--	-5	--	4	143
Marketable	--	--	--	131	0	-36	--	-5	--	4	98
Catalyst	--	--	--	45	--	--	--	--	--	--	45
Asphalt and Road Oil	--	--	--	160	29	-32	--	49	--	2	106
Still Gas	--	--	--	133	--	--	--	--	--	--	133
Miscellaneous Products	--	--	--	16	--	0	--	0	--	0	16
Total	2,916	0	1,021	4,437	3,012	-2,256	-79	-412	4,228	398	4,838

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethane, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 6. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, April 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,766	110	--	--	2,692	-837	7	-19	3,711	46	0
Hydrocarbon Gas Liquids	1,203	-133	-21	178	48	-701	--	91	86	207	188
Natural Gas Liquids	1,203	-133	-21	134	41	-671	--	91	86	207	168
Ethane	463	--	--	--	--	-283	--	9	--	57	114
Propane	403	--	--	74	21	-415	--	46	--	7	30
Normal Butane	148	--	--	66	10	-140	--	58	12	3	11
Isobutane	57	--	--	-7	10	1	--	-1	48	0	14
Natural Gasoline	133	-133	-21	--	0	166	--	-22	26	140	0
Refinery Olefins	--	--	--	44	7	-30	--	1	--	--	20
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	40	4	-30	--	0	--	--	13
Normal Butylene	--	--	--	4	3	--	--	0	--	--	7
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	23	1,016	--	15	-450	-41	-77	471	130	39
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,016	--	4	-665	-10	-27	292	40	39
Hydrogen	--	--	--	--	--	--	34	--	34	--	0
Biofuels (including Fuel Ethanol)	--	--	1,016	--	4	-665	-45	-27	258	40	39
Fuel Ethanol	--	--	921	--	--	-630	-45	-23	243	26	0
Biofuels (excluding Fuel Ethanol)	--	--	96	--	4	-35	--	-4	15	14	39
Biodiesel	--	--	79	--	4	-21	--	-3	14	14	38
Renewable Diesel Fuel	--	--	15	--	--	-14	--	0	--	NA	1
Other Biofuels ⁶	--	--	1	--	--	--	--	0	1	NA	0
Other Hydrocarbons	--	--	--	--	--	--	0	0	--	--	0
Unfinished Oils	--	23	--	--	1	5	--	57	-117	88	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	10	211	-31	-107	296	2	0
Reformulated	--	--	0	--	--	52	5	-24	82	--	0
Conventional	--	--	0	--	10	158	-36	-83	214	2	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	5	4,312	45	19	75	-43	--	48	4,452
Finished Motor Gasoline	--	--	5	2,457	--	0	75	-12	--	12	2,538
Reformulated	--	--	--	332	--	--	-2	--	--	--	330
Conventional	--	--	5	2,125	--	0	78	-12	--	12	2,208
Finished Aviation Gasoline	--	--	--	1	0	--	--	0	--	--	1
Kerosene-Type Jet Fuel	--	--	--	293	--	-6	--	25	--	1	262
Kerosene	--	--	--	0	--	--	--	0	--	0	0
Distillate Fuel Oil	--	--	0	1,006	6	127	--	-59	--	3	1,194
15 ppm sulfur and under	--	--	0	1,003	5	124	--	-71	--	0	1,203
Greater than 15 to 500 ppm sulfur	--	--	0	0	0	2	--	-3	--	0	5
Greater than 500 ppm sulfur	--	--	--	3	0	--	--	14	--	2	-14
Residual Fuel Oil	--	--	--	32	4	-27	--	3	--	--	6
Less than 0.31 percent sulfur	--	--	--	2	--	-3	--	-1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	12	0	-8	--	1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	18	4	-16	--	2	--	NA	NA
Petrochemical Feedstocks	--	--	--	29	5	-4	--	-1	--	--	32
Naphtha for Petro. Feed. Use	--	--	--	18	3	-3	--	-1	--	--	19
Other Oils for Petro. Feed. Use	--	--	--	12	2	-1	--	0	--	--	13
Special Naphthas	--	--	--	-1	0	1	--	1	--	--	-1
Lubricants	--	--	--	7	8	5	--	3	--	6	11
Waxes	--	--	--	1	1	--	--	0	--	1	1
Petroleum Coke	--	--	--	187	1	-35	--	-12	--	23	141
Marketable	--	--	--	143	1	-35	--	-12	--	23	97
Catalyst	--	--	--	44	--	--	--	--	--	--	44
Asphalt and Road Oil	--	--	--	146	21	-43	--	9	--	2	112
Still Gas	--	--	--	138	--	--	--	--	--	--	138
Miscellaneous Products	--	--	--	15	--	0	--	0	--	0	15
Total	2,968	0	1,000	4,490	2,799	-1,969	41	-48	4,268	431	4,679

-- = Not Applicable.
- = No Data Reported.
NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethane, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 6. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, May 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,786	22	--	--	3,025	-645	-131	144	3,804	109	0
Hydrocarbon Gas Liquids	1,206	-102	-22	184	47	-555	--	211	86	248	214
Natural Gas Liquids	1,206	-102	-22	135	40	-533	--	206	86	248	183
Ethane	455	--	--	--	--	-231	--	-19	--	64	179
Propane	403	--	--	74	20	-359	--	133	--	6	-1
Normal Butane	149	--	--	72	12	-124	--	112	1	5	-10
Isobutane	59	--	--	-11	8	6	--	-8	55	0	15
Natural Gasoline	140	-102	-22	--	--	175	--	-12	30	173	0
Refinery Olefins	--	--	--	49	8	-22	--	5	--	--	30
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	38	5	-22	--	4	--	--	17
Normal Butylene	--	--	--	11	3	--	--	1	--	--	13
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	80	1,042	--	13	-439	29	-98	641	127	55
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,042	--	3	-680	12	-27	306	41	55
Hydrogen	--	--	--	--	--	--	35	--	35	--	0
Biofuels (including Fuel Ethanol)	--	--	1,042	--	3	-680	-23	-26	271	41	55
Fuel Ethanol	--	--	944	--	--	-659	-23	-20	253	29	0
Biofuels (excluding Fuel Ethanol)	--	--	98	--	3	-22	--	-6	18	12	55
Biodiesel	--	--	83	--	3	-17	--	-6	16	12	46
Renewable Diesel Fuel	--	--	13	--	--	-5	--	0	--	NA	8
Other Biofuels ⁶	--	--	2	--	--	--	--	0	2	NA	0
Other Hydrocarbons	--	--	--	--	--	--	0	0	1	--	0
Unfinished Oils	--	80	--	--	2	-33	--	-27	-9	85	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	8	275	17	-45	343	2	0
Reformulated	--	--	0	--	--	126	-48	18	60	--	0
Conventional	--	--	0	--	8	148	65	-63	283	2	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	5	4,522	41	89	6	-60	--	40	4,683
Finished Motor Gasoline	--	--	5	2,561	--	42	6	18	--	10	2,587
Reformulated	--	--	--	346	--	--	55	--	--	--	402
Conventional	--	--	5	2,215	--	42	-49	18	--	10	2,186
Finished Aviation Gasoline	--	--	--	1	0	1	--	-1	--	--	3
Kerosene-Type Jet Fuel	--	--	--	289	--	5	--	17	--	1	276
Kerosene	--	--	--	2	1	--	--	2	--	0	0
Distillate Fuel Oil	--	--	0	1,111	8	114	--	-50	--	4	1,280
15 ppm sulfur and under	--	--	0	1,101	8	111	--	-52	--	0	1,272
Greater than 15 to 500 ppm sulfur	--	--	0	7	0	3	--	4	--	0	6
Greater than 500 ppm sulfur	--	--	--	3	0	--	--	-2	--	4	2
Residual Fuel Oil	--	--	--	33	1	-20	--	-1	--	0	16
Less than 0.31 percent sulfur	--	--	--	2	--	-2	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	13	0	-8	--	-1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	18	1	-10	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	28	5	0	--	-2	--	--	34
Naphtha for Petro. Feed. Use	--	--	--	17	3	0	--	-2	--	--	21
Other Oils for Petro. Feed. Use	--	--	--	11	2	-1	--	0	--	--	13
Special Naphthas	--	--	--	-1	1	0	--	1	--	--	-1
Lubricants	--	--	--	7	7	5	--	0	--	7	12
Waxes	--	--	--	1	0	--	--	0	--	1	1
Petroleum Coke	--	--	--	159	1	-14	--	-32	--	16	161
Marketable	--	--	--	113	1	-14	--	-32	--	16	115
Catalyst	--	--	--	47	--	--	--	--	--	--	47
Asphalt and Road Oil	--	--	--	169	16	-45	--	-13	--	1	153
Still Gas	--	--	--	144	--	--	--	--	--	--	144
Miscellaneous Products	--	--	--	15	--	0	--	1	--	0	15
Total	2,993	0	1,025	4,706	3,126	-1,550	-95	197	4,531	524	4,952

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethane, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 6. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, June 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,809	19	--	--	2,826	-559	33	36	4,015	78	0
Hydrocarbon Gas Liquids	1,150	-95	-23	209	56	-565	--	143	92	291	207
Natural Gas Liquids	1,150	-95	-23	164	48	-544	--	144	92	291	173
Ethane	399	--	--	--	--	-200	--	-7	--	112	95
Propane	401	--	--	73	30	-341	--	99	--	4	60
Normal Butane	152	--	--	102	13	-170	--	81	1	4	10
Isobutane	55	--	--	-11	5	14	--	-9	62	0	9
Natural Gasoline	143	-95	-23	--	0	153	--	-20	28	170	0
Refinery Olefins	--	--	--	45	8	-21	--	-1	--	--	33
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	39	5	-21	--	-2	--	--	25
Normal Butylene	--	--	--	6	3	--	--	1	--	--	8
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	76	1,089	--	15	-435	-66	-73	567	138	47
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,089	--	2	-712	0	-26	312	46	47
Hydrogen	--	--	--	--	--	--	36	--	36	--	0
Biofuels (including Fuel Ethanol)	--	--	1,089	--	2	-712	-36	-26	275	46	47
Fuel Ethanol	--	--	980	--	--	-677	-36	-21	255	33	0
Biofuels (excluding Fuel Ethanol)	--	--	109	--	2	-35	--	-5	20	14	47
Biodiesel	--	--	85	--	2	-17	--	-5	17	14	45
Renewable Diesel Fuel	--	--	21	--	--	-19	--	1	--	NA	2
Other Biofuels ⁶	--	--	3	--	--	--	--	0	3	NA	0
Other Hydrocarbons	--	--	--	--	--	--	1	0	1	--	0
Unfinished Oils	--	76	--	--	0	-10	--	-26	5	87	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	13	288	-67	-21	251	5	0
Reformulated	--	--	0	--	--	141	-67	5	69	--	0
Conventional	--	--	0	--	13	148	1	-26	182	5	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	5	4,707	45	80	103	47	--	27	4,868
Finished Motor Gasoline	--	--	5	2,594	--	30	103	5	--	6	2,722
Reformulated	--	--	--	342	--	--	76	--	--	--	419
Conventional	--	--	5	2,252	--	30	26	5	--	6	2,303
Finished Aviation Gasoline	--	--	--	1	0	1	--	0	--	--	3
Kerosene-Type Jet Fuel	--	--	--	288	--	-10	--	-13	--	1	291
Kerosene	--	--	--	-1	--	--	--	-1	--	0	0
Distillate Fuel Oil	--	--	0	1,207	12	137	--	73	--	1	1,282
15 ppm sulfur and under	--	--	0	1,203	12	133	--	77	--	0	1,270
Greater than 15 to 500 ppm sulfur	--	--	0	0	0	4	--	-2	--	0	6
Greater than 500 ppm sulfur	--	--	--	5	0	--	--	-2	--	1	6
Residual Fuel Oil	--	--	--	37	3	-17	--	4	--	0	19
Less than 0.31 percent sulfur	--	--	--	2	--	-3	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	16	0	-10	--	3	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	19	2	-4	--	1	--	NA	NA
Petrochemical Feedstocks	--	--	--	30	5	-2	--	1	--	--	32
Naphtha for Petro. Feed. Use	--	--	--	17	3	-2	--	1	--	--	18
Other Oils for Petro. Feed. Use	--	--	--	12	2	--	--	0	--	--	15
Special Naphthas	--	--	--	-1	1	1	--	0	--	--	1
Lubricants	--	--	--	6	7	5	--	-1	--	7	12
Waxes	--	--	--	1	1	--	--	0	--	1	1
Petroleum Coke	--	--	--	185	1	-26	--	9	--	7	143
Marketable	--	--	--	138	1	-26	--	9	--	7	96
Catalyst	--	--	--	47	--	--	--	--	--	--	47
Asphalt and Road Oil	--	--	--	193	16	-39	--	-28	--	3	195
Still Gas	--	--	--	151	--	--	--	--	--	--	151
Miscellaneous Products	--	--	--	15	--	0	--	-1	--	0	16
Total	2,959	0	1,071	4,917	2,943	-1,477	70	152	4,674	535	5,122

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 6. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, July 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,806	40	--	--	2,761	-821	112	-239	4,039	98	0
Hydrocarbon Gas Liquids	1,173	-103	-23	190	58	-565	--	227	97	193	214
Natural Gas Liquids	1,173	-103	-23	153	50	-537	--	230	97	193	194
Ethane	393	--	--	--	--	-203	--	4	--	66	120
Propane	413	--	--	83	29	-382	--	86	--	4	53
Normal Butane	152	--	--	80	14	-139	--	87	1	5	14
Isobutane	62	--	--	-10	7	10	--	1	62	0	6
Natural Gasoline	152	-103	-23	--	0	177	--	52	34	118	0
Refinery Olefins	--	--	--	37	8	-28	--	-3	--	--	21
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	33	6	-28	--	-2	--	--	13
Normal Butylene	--	--	--	4	3	--	--	-1	--	--	8
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	62	1,084	--	17	-432	-35	91	432	127	46
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,084	--	3	-664	-2	27	302	46	46
Hydrogen	--	--	--	--	--	--	38	--	38	--	0
Biofuels (including Fuel Ethanol)	--	--	1,084	--	3	-664	-40	27	263	46	46
Fuel Ethanol	--	--	975	--	--	-631	-40	24	246	34	0
Biofuels (excluding Fuel Ethanol)	--	--	109	--	3	-32	--	3	17	12	46
Biodiesel	--	--	86	--	3	-18	--	4	15	12	40
Renewable Diesel Fuel	--	--	20	--	--	-15	--	-1	--	NA	6
Other Biofuels ⁶	--	--	3	--	--	--	--	0	2	NA	0
Other Hydrocarbons	--	--	--	--	--	--	0	0	0	--	0
Unfinished Oils	--	62	--	--	--	-13	--	5	-33	77	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	14	244	-33	59	163	4	0
Reformulated	--	--	0	--	--	103	-68	-10	45	--	0
Conventional	--	--	0	--	14	141	35	69	118	4	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	5	4,607	50	57	73	100	--	29	4,664
Finished Motor Gasoline	--	--	5	2,500	--	29	73	0	--	5	2,602
Reformulated	--	--	--	327	--	--	77	--	--	--	404
Conventional	--	--	5	2,173	--	29	-4	0	--	5	2,198
Finished Aviation Gasoline	--	--	--	2	0	2	--	0	--	--	3
Kerosene-Type Jet Fuel	--	--	--	285	--	19	--	-8	--	2	309
Kerosene	--	--	--	5	--	--	--	1	--	0	4
Distillate Fuel Oil	--	--	0	1,209	11	79	--	114	--	2	1,182
15 ppm sulfur and under	--	--	0	1,212	11	75	--	123	--	0	1,176
Greater than 15 to 500 ppm sulfur	--	--	0	2	0	4	--	-2	--	0	8
Greater than 500 ppm sulfur	--	--	--	-5	0	--	--	-6	--	2	-1
Residual Fuel Oil	--	--	--	33	3	-15	--	5	--	1	15
Less than 0.31 percent sulfur	--	--	--	2	--	--	--	2	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	12	0	-10	--	1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	19	3	-4	--	2	--	NA	NA
Petrochemical Feedstocks	--	--	--	28	5	-3	--	-1	--	--	31
Naphtha for Petro. Feed. Use	--	--	--	16	3	-2	--	-1	--	--	17
Other Oils for Petro. Feed. Use	--	--	--	13	2	-1	--	0	--	--	14
Special Naphthas	--	--	--	-1	1	0	--	1	--	--	-1
Lubricants	--	--	--	7	7	4	--	0	--	6	12
Waxes	--	--	--	1	1	--	--	-1	--	1	1
Petroleum Coke	--	--	--	197	0	-27	--	26	--	6	138
Marketable	--	--	--	150	0	-27	--	26	--	6	92
Catalyst	--	--	--	47	--	--	--	--	--	--	47
Asphalt and Road Oil	--	--	--	167	22	-31	--	-40	--	5	193
Still Gas	--	--	--	158	--	--	--	--	--	--	158
Miscellaneous Products	--	--	--	16	--	0	--	1	--	0	16
Total	2,979	0	1,067	4,797	2,887	-1,761	151	179	4,568	447	4,924

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 6. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, August 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,845	77	--	--	2,980	-750	-202	-308	4,157	100	0
Hydrocarbon Gas Liquids	1,183	-106	-23	196	74	-646	--	206	93	218	162
Natural Gas Liquids	1,183	-106	-23	146	66	-624	--	200	93	218	132
Ethane	409	--	--	--	--	-214	--	1	--	73	121
Propane	410	--	--	78	43	-410	--	102	--	4	15
Normal Butane	145	--	--	79	16	-145	--	90	1	8	-4
Isobutane	66	--	--	-10	7	-2	--	2	59	0	0
Natural Gasoline	153	-106	-23	--	--	146	--	5	33	133	0
Refinery Olefins	--	--	--	49	8	-22	--	6	--	--	30
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	41	6	-22	--	4	--	--	21
Normal Butylene	--	--	--	8	3	--	--	1	--	--	9
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	29	1,050	--	18	-400	-155	-64	443	112	50
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,050	--	2	-620	-67	-40	312	44	50
Hydrogen	--	--	--	--	--	--	37	--	37	--	0
Biofuels (including Fuel Ethanol)	--	--	1,050	--	2	-620	-105	-40	274	44	50
Fuel Ethanol	--	--	948	--	--	-587	-105	-33	256	33	0
Biofuels (excluding Fuel Ethanol)	--	--	102	--	2	-32	--	-7	19	11	50
Biodiesel	--	--	79	--	2	-21	--	-7	16	11	41
Renewable Diesel Fuel	--	--	20	--	--	-11	--	0	--	NA	9
Other Biofuels ⁶	--	--	3	--	--	--	--	0	2	NA	0
Other Hydrocarbons	--	--	--	--	--	--	1	0	0	--	0
Unfinished Oils	--	29	--	--	--	-17	--	15	-60	57	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	15	236	-88	-39	191	11	0
Reformulated	--	--	0	--	--	85	-57	-20	48	--	0
Conventional	--	--	0	--	15	152	-31	-19	143	11	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	6	4,744	45	-2	193	-2	--	24	4,965
Finished Motor Gasoline	--	--	6	2,575	0	-2	193	-6	--	7	2,771
Reformulated	--	--	--	343	--	--	64	--	--	--	407
Conventional	--	--	6	2,232	0	-2	128	-6	--	7	2,364
Finished Aviation Gasoline	--	--	--	--	0	--	--	-1	--	--	1
Kerosene-Type Jet Fuel	--	--	--	312	--	16	--	11	--	3	314
Kerosene	--	--	--	0	--	--	--	0	--	0	1
Distillate Fuel Oil	--	--	0	1,234	9	72	--	30	--	3	1,282
15 ppm sulfur and under	--	--	0	1,231	9	68	--	27	--	1	1,279
Greater than 15 to 500 ppm sulfur	--	--	0	8	0	4	--	4	--	0	7
Greater than 500 ppm sulfur	--	--	--	-5	0	--	--	-2	--	2	-5
Residual Fuel Oil	--	--	--	32	2	-14	--	7	--	0	12
Less than 0.31 percent sulfur	--	--	--	2	--	--	--	2	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	8	0	-8	--	7	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	22	2	-6	--	-2	--	NA	NA
Petrochemical Feedstocks	--	--	--	31	5	-2	--	2	--	--	32
Naphtha for Petro. Feed. Use	--	--	--	19	3	-2	--	2	--	--	18
Other Oils for Petro. Feed. Use	--	--	--	12	2	0	--	0	--	--	14
Special Naphthas	--	--	--	-1	1	0	--	0	--	--	0
Lubricants	--	--	--	7	8	6	--	-1	--	6	16
Waxes	--	--	--	1	1	--	--	0	--	1	0
Petroleum Coke	--	--	--	186	0	-33	--	-14	--	3	165
Marketable	--	--	--	139	0	-33	--	-14	--	3	118
Catalyst	--	--	--	47	--	--	--	--	--	--	47
Asphalt and Road Oil	--	--	--	192	19	-45	--	-30	--	2	195
Still Gas	--	--	--	159	--	--	--	--	--	--	159
Miscellaneous Products	--	--	--	17	--	0	--	0	--	0	17
Total	3,028	0	1,033	4,940	3,117	-1,799	-164	-168	4,693	454	5,176

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

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⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 6. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, September 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,910	86	--	--	2,824	-1,025	28	-159	3,816	166	0
Hydrocarbon Gas Liquids	1,255	-152	-22	109	58	-580	--	43	127	190	308
Natural Gas Liquids	1,255	-152	-22	66	50	-552	--	44	127	190	285
Ethane	457	--	--	--	--	-245	--	-15	--	64	162
Propane	423	--	--	72	28	-345	--	61	--	4	113
Normal Butane	153	--	--	7	17	-139	--	8	22	2	6
Isobutane	64	--	--	-13	6	22	--	14	62	0	3
Natural Gasoline	159	-152	-22	--	--	154	--	-23	43	120	0
Refinery Olefins	--	--	--	43	8	-28	--	-1	--	--	24
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	37	5	-28	--	0	--	--	15
Normal Butylene	--	--	--	6	3	--	--	-1	--	--	9
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	66	1,051	--	16	-439	-54	44	418	129	48
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,051	--	2	-644	-10	16	295	40	48
Hydrogen	--	--	--	--	--	--	34	--	34	--	0
Biofuels (including Fuel Ethanol)	--	--	1,051	--	2	-644	-44	16	261	40	48
Fuel Ethanol	--	--	948	--	--	-608	-44	20	243	32	0
Biofuels (excluding Fuel Ethanol)	--	--	103	--	2	-36	--	-5	18	8	48
Biodiesel	--	--	81	--	2	-18	--	-4	16	8	46
Renewable Diesel Fuel	--	--	19	--	--	-18	--	-1	--	NA	2
Other Biofuels ⁶	--	--	3	--	--	--	--	0	2	NA	0
Other Hydrocarbons	--	--	--	--	--	--	0	0	0	--	0
Unfinished Oils	--	66	--	--	--	-20	--	-12	-24	83	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	14	225	-44	40	147	7	0
Reformulated	--	--	0	--	--	68	-28	-11	51	--	0
Conventional	--	--	0	--	14	156	-16	52	96	7	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	6	4,479	42	13	88	-117	--	28	4,717
Finished Motor Gasoline	--	--	6	2,471	--	-9	88	1	--	5	2,550
Reformulated	--	--	--	332	--	--	32	--	--	--	364
Conventional	--	--	6	2,139	--	-9	55	1	--	5	2,186
Finished Aviation Gasoline	--	--	--	0	0	1	--	2	--	--	-1
Kerosene-Type Jet Fuel	--	--	--	280	--	22	--	-10	--	3	308
Kerosene	--	--	--	4	--	--	--	2	--	0	2
Distillate Fuel Oil	--	--	0	1,155	5	86	--	-50	--	2	1,294
15 ppm sulfur and under	--	--	0	1,160	5	82	--	-48	--	0	1,295
Greater than 15 to 500 ppm sulfur	--	--	--	1	0	5	--	-2	--	0	8
Greater than 500 ppm sulfur	--	--	--	-6	0	--	--	1	--	2	-9
Residual Fuel Oil	--	--	--	32	3	-8	--	-4	--	0	31
Less than 0.31 percent sulfur	--	--	--	3	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	11	0	-5	--	1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	19	3	-3	--	-5	--	NA	NA
Petrochemical Feedstocks	--	--	--	28	5	-3	--	-2	--	--	32
Naphtha for Petro. Feed. Use	--	--	--	17	3	-1	--	-3	--	--	21
Other Oils for Petro. Feed. Use	--	--	--	12	2	-2	--	0	--	--	11
Special Naphthas	--	--	--	-1	1	1	--	0	--	--	1
Lubricants	--	--	--	4	7	2	--	-2	--	6	8
Waxes	--	--	--	1	1	--	--	0	--	1	1
Petroleum Coke	--	--	--	184	0	-40	--	-7	--	7	144
Marketable	--	--	--	135	0	-40	--	-7	--	7	95
Catalyst	--	--	--	49	--	--	--	--	--	--	49
Asphalt and Road Oil	--	--	--	165	21	-38	--	-46	--	4	191
Still Gas	--	--	--	142	--	--	--	--	--	--	142
Miscellaneous Products	--	--	--	15	--	0	--	0	--	0	16
Total	3,165	0	1,034	4,588	2,940	-2,030	62	-189	4,361	514	5,073

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 6. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, October 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,881	26	--	--	2,856	-1,068	116	23	3,677	110	0
Hydrocarbon Gas Liquids	1,266	-126	-23	36	51	-625	--	-66	147	155	342
Natural Gas Liquids	1,266	-126	-23	2	44	-601	--	-65	147	155	325
Ethane	482	--	--	--	--	-271	--	23	--	35	153
Propane	420	--	--	72	31	-401	--	-30	--	2	150
Normal Butane	149	--	--	-63	7	-124	--	-85	42	6	6
Isobutane	65	--	--	-7	6	12	--	-9	69	0	15
Natural Gasoline	150	-126	-23	--	--	183	--	36	37	112	0
Refinery Olefins	--	--	--	34	7	-24	--	-1	--	--	17
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	32	4	-24	--	-1	--	--	14
Normal Butylene	--	--	--	1	3	--	--	1	--	--	3
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	100	1,074	--	31	-498	-174	-41	371	150	52
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,074	--	4	-662	-34	-5	298	36	52
Hydrogen	--	--	--	--	--	--	39	--	39	--	0
Biofuels (including Fuel Ethanol)	--	--	1,074	--	4	-662	-74	-5	259	36	52
Fuel Ethanol	--	--	974	--	--	-630	-74	-6	245	31	0
Biofuels (excluding Fuel Ethanol)	--	--	99	--	4	-32	--	1	14	4	52
Biodiesel	--	--	80	--	4	-20	--	2	11	4	46
Renewable Diesel Fuel	--	--	17	--	--	-12	--	-1	--	NA	5
Other Biofuels ⁶	--	--	3	--	--	--	--	0	2	NA	1
Other Hydrocarbons	--	--	--	--	--	--	1	0	1	--	0
Unfinished Oils	--	100	--	--	--	-27	--	37	-67	103	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	27	192	-140	-73	139	12	0
Reformulated	--	--	0	--	--	39	28	8	60	--	0
Conventional	--	--	0	--	27	152	-168	-80	80	12	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	6	4,385	45	36	214	-186	--	19	4,854
Finished Motor Gasoline	--	--	6	2,479	--	-18	214	-11	--	5	2,686
Reformulated	--	--	--	341	--	--	-23	--	--	--	318
Conventional	--	--	6	2,138	--	-18	237	-11	--	5	2,368
Finished Aviation Gasoline	--	--	--	--	0	1	--	0	--	--	1
Kerosene-Type Jet Fuel	--	--	--	262	--	27	--	-10	--	3	297
Kerosene	--	--	--	-1	--	--	--	-3	--	--	2
Distillate Fuel Oil	--	--	0	1,094	7	109	--	-130	--	2	1,337
15 ppm sulfur and under	--	--	0	1,095	6	106	--	-128	--	2	1,333
Greater than 15 to 500 ppm sulfur	--	--	--	6	0	3	--	3	--	--	7
Greater than 500 ppm sulfur	--	--	0	-7	0	--	--	-5	--	1	-3
Residual Fuel Oil	--	--	--	31	7	-23	--	4	--	0	10
Less than 0.31 percent sulfur	--	--	--	1	--	-2	--	1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	9	0	-5	--	-1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	20	6	-16	--	4	--	NA	NA
Petrochemical Feedstocks	--	--	--	28	5	-1	--	0	--	--	32
Naphtha for Petro. Feed. Use	--	--	--	17	3	-1	--	0	--	--	19
Other Oils for Petro. Feed. Use	--	--	--	11	2	--	--	0	--	--	13
Special Naphthas	--	--	--	0	0	1	--	0	--	--	1
Lubricants	--	--	--	0	6	6	--	-7	--	5	14
Waxes	--	--	--	0	1	--	--	-1	--	1	1
Petroleum Coke	--	--	--	187	0	-10	--	2	--	2	173
Marketable	--	--	--	141	0	-10	--	2	--	2	126
Catalyst	--	--	--	46	--	--	--	--	--	--	46
Asphalt and Road Oil	--	--	--	153	20	-55	--	-31	--	0	148
Still Gas	--	--	--	138	--	--	--	--	--	--	138
Miscellaneous Products	--	--	--	15	--	0	--	0	--	0	15
Total	3,147	0	1,057	4,421	2,983	-2,155	156	-270	4,195	434	5,248

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethane, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 6. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, November 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,908	-12	--	--	3,276	-838	-222	188	3,807	117	0
Hydrocarbon Gas Liquids	1,221	-123	-23	4	60	-542	--	-209	142	192	472
Natural Gas Liquids	1,221	-123	-23	-29	52	-518	--	-209	142	192	455
Ethane	431	--	--	--	--	-242	--	-28	--	39	178
Propane	424	--	--	69	39	-343	--	-57	--	3	243
Normal Butane	148	--	--	-90	9	-129	--	-126	46	4	14
Isobutane	68	--	--	-8	4	18	--	0	61	0	20
Natural Gasoline	150	-123	-23	--	--	178	--	1	35	146	0
Refinery Olefins	--	--	--	33	8	-25	--	-1	--	--	17
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	33	5	-25	--	1	--	--	12
Normal Butylene	--	--	--	0	3	--	--	-2	--	--	5
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	135	1,084	--	25	-546	-75	111	326	147	39
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,084	--	4	-687	-25	6	298	33	39
Hydrogen	--	--	--	--	--	--	44	--	44	--	0
Biofuels (including Fuel Ethanol)	--	--	1,084	--	4	-687	-69	5	255	33	39
Fuel Ethanol	--	--	995	--	--	-646	-69	6	243	30	0
Biofuels (excluding Fuel Ethanol)	--	--	89	--	4	-41	--	-1	11	3	39
Biodiesel	--	--	77	--	4	-29	--	-1	9	3	40
Renewable Diesel Fuel	--	--	10	--	--	-11	--	0	--	NA	-1
Other Biofuels ⁶	--	--	2	--	--	--	--	0	2	NA	0
Other Hydrocarbons	--	--	--	--	--	--	0	0	--	--	0
Unfinished Oils	--	135	--	--	0	-58	--	-21	-10	109	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	21	199	-51	126	38	5	0
Reformulated	--	--	0	--	--	12	58	6	65	--	0
Conventional	--	--	0	--	21	187	-109	121	-27	5	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	5	4,527	43	51	119	18	--	20	4,707
Finished Motor Gasoline	--	--	6	2,463	--	12	119	12	--	4	2,583
Reformulated	--	--	--	344	--	--	-53	--	--	--	292
Conventional	--	--	6	2,119	--	12	172	12	--	4	2,292
Finished Aviation Gasoline	--	--	--	--	0	1	--	0	--	--	1
Kerosene-Type Jet Fuel	--	--	--	285	--	50	--	12	--	3	320
Kerosene	--	--	--	6	--	--	--	2	--	--	4
Distillate Fuel Oil	--	--	0	1,187	8	83	--	11	--	2	1,266
15 ppm sulfur and under	--	--	0	1,185	7	79	--	1	--	0	1,270
Greater than 15 to 500 ppm sulfur	--	--	0	4	0	4	--	1	--	--	7
Greater than 500 ppm sulfur	--	--	0	-2	1	--	--	8	--	2	-11
Residual Fuel Oil	--	--	--	36	4	-21	--	-6	--	--	26
Less than 0.31 percent sulfur	--	--	--	2	--	-5	--	-4	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	10	0	-4	--	-2	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	23	4	-13	--	-1	--	NA	NA
Petrochemical Feedstocks	--	--	--	24	5	-2	--	0	--	--	28
Naphtha for Petro. Feed. Use	--	--	--	15	3	-1	--	0	--	--	17
Other Oils for Petro. Feed. Use	--	--	--	10	3	-1	--	0	--	--	12
Special Naphthas	--	--	--	-1	0	1	--	-1	--	--	1
Lubricants	--	--	--	4	7	4	--	1	--	6	8
Waxes	--	--	--	0	1	--	--	0	--	1	1
Petroleum Coke	--	--	--	194	0	-39	--	-15	--	4	167
Marketable	--	--	--	149	0	-39	--	-15	--	4	121
Catalyst	--	--	--	46	--	--	--	--	--	--	46
Asphalt and Road Oil	--	--	--	161	17	-40	--	2	--	1	135
Still Gas	--	--	--	151	--	--	--	--	--	--	151
Miscellaneous Products	--	--	--	16	--	0	--	1	--	0	15
Total	3,130	0	1,066	4,531	3,404	-1,876	-178	108	4,275	477	5,218

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

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⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

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Table 6. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, December 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,902	8	--	--	2,909	-724	168	186	3,951	126	0
Hydrocarbon Gas Liquids	1,147	-114	-23	5	62	-501	--	-218	147	234	413
Natural Gas Liquids	1,147	-114	-23	-35	52	-481	--	-216	147	234	381
Ethane	359	--	--	--	--	-162	--	1	--	84	111
Propane	425	--	--	74	35	-389	--	-111	--	2	255
Normal Butane	148	--	--	-105	12	-118	--	-130	50	5	13
Isobutane	68	--	--	-4	5	5	--	3	69	0	2
Natural Gasoline	147	-114	-23	--	--	183	--	22	28	143	0
Refinery Olefins	--	--	--	40	10	-20	--	-2	--	--	32
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	38	7	-20	--	-3	--	--	27
Normal Butylene	--	--	--	2	3	--	--	0	--	--	5
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	106	1,114	--	19	-650	-99	189	156	107	38
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,114	--	3	-754	34	40	290	29	38
Hydrogen	--	--	--	--	--	--	46	--	46	--	0
Biofuels (including Fuel Ethanol)	--	--	1,114	--	3	-754	-12	40	242	29	38
Fuel Ethanol	--	--	1,023	--	--	-715	-12	35	233	27	0
Biofuels (excluding Fuel Ethanol)	--	--	90	--	3	-40	--	5	9	2	38
Biodiesel	--	--	75	--	3	-28	--	4	8	2	36
Renewable Diesel Fuel	--	--	13	--	--	-12	--	0	--	NA	1
Other Biofuels ⁶	--	--	2	--	--	--	--	0	1	NA	1
Other Hydrocarbons	--	--	--	--	--	--	0	0	1	--	0
Unfinished Oils	--	106	--	--	0	-39	--	-63	56	75	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	16	143	-133	212	-189	3	0
Reformulated	--	--	0	--	--	4	79	11	72	--	0
Conventional	--	--	0	--	16	140	-213	201	-261	3	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	5	4,494	42	-75	146	214	--	16	4,381
Finished Motor Gasoline	--	--	5	2,354	--	-22	146	4	--	3	2,475
Reformulated	--	--	--	334	--	--	-72	--	--	--	262
Conventional	--	--	5	2,019	--	-22	218	4	--	3	2,213
Finished Aviation Gasoline	--	--	--	--	0	1	--	0	--	--	1
Kerosene-Type Jet Fuel	--	--	--	299	--	28	--	7	--	4	317
Kerosene	--	--	--	7	--	--	--	0	--	0	6
Distillate Fuel Oil	--	--	0	1,260	8	37	--	181	--	1	1,122
15 ppm sulfur and under	--	--	0	1,265	7	30	--	187	--	0	1,115
Greater than 15 to 500 ppm sulfur	--	--	--	1	0	4	--	-3	--	0	8
Greater than 500 ppm sulfur	--	--	--	-7	1	2	--	-4	--	1	-1
Residual Fuel Oil	--	--	--	34	5	-31	--	-2	--	--	10
Less than 0.31 percent sulfur	--	--	--	1	--	-5	--	-2	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	12	0	-8	--	-3	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	21	5	-18	--	2	--	NA	NA
Petrochemical Feedstocks	--	--	--	28	5	-2	--	1	--	--	30
Naphtha for Petro. Feed. Use	--	--	--	17	3	-2	--	1	--	--	17
Other Oils for Petro. Feed. Use	--	--	--	11	2	--	--	0	--	--	13
Special Naphthas	--	--	--	0	0	0	--	1	--	--	0
Lubricants	--	--	--	8	6	5	--	4	--	6	9
Waxes	--	--	--	2	1	--	--	1	--	0	1
Petroleum Coke	--	--	--	197	0	-54	--	-3	--	2	145
Marketable	--	--	--	149	0	-54	--	-3	--	2	96
Catalyst	--	--	--	49	--	--	--	--	--	--	49
Asphalt and Road Oil	--	--	--	140	17	-38	--	18	--	1	99
Still Gas	--	--	--	148	--	--	--	--	--	--	148
Miscellaneous Products	--	--	--	17	--	1	--	1	--	0	17
Total	3,050	0	1,096	4,499	3,031	-1,951	215	371	4,254	483	4,832

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 7. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil⁶	285,981	8,084	--	--	39,696	26,796	8,020	12,568	252,976	103,032	0	627,659
Hydrocarbon Gas Liquids	117,407	-5,178	-16	9,562	--	18,825	--	-16,920	15,767	64,449	77,304	122,114
Natural Gas Liquids	117,407	-5,178	-16	3,932	--	18,426	--	-16,801	15,767	64,449	71,156	120,991
Ethane	52,464	--	--	106	--	13,934	--	-1,485	--	9,985	58,004	43,970
Propane	35,093	--	--	4,540	--	5,152	--	-3,900	--	41,124	7,561	38,913
Normal Butane	8,998	--	--	-576	--	3,501	--	-7,569	6,892	12,861	-260	19,137
Isobutane	9,195	--	--	-138	--	569	--	-593	4,242	126	5,851	8,718
Natural Gasoline	11,657	-5,178	-16	--	--	-4,730	--	-3,254	4,633	354	0	10,253
Refinery Olefins	--	--	--	5,630	--	399	--	-119	--	--	6,148	1,123
Ethylene	--	--	--	3	--	--	--	0	--	--	3	0
Propylene	--	--	--	5,714	--	399	--	-305	--	--	6,418	500
Normal Butylene	--	--	--	-87	--	--	--	186	--	--	-273	623
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-2,906	4,183	--	14,135	-57,850	196	7,383	-59,466	8,099	1,742	134,747
Hydrogen/Biofuels/Other Hydrocarbons	--	--	4,183	--	163	3,624	4,136	367	8,399	1,588	1,752	6,412
Hydrogen	--	--	--	--	--	--	3,690	--	3,690	--	0	--
Biofuels (including Fuel Ethanol)	--	--	4,183	--	163	3,624	446	367	4,709	1,588	1,752	6,412
Fuel Ethanol	--	--	717	--	--	4,643	446	15	4,286	1,505	0	4,484
Biofuels (excluding Fuel Ethanol)	--	--	3,466	--	163	-1,019	--	352	423	83	1,752	1,927
Biodiesel	--	--	490	--	163	250	--	145	182	83	493	840
Renewable Diesel Fuel	--	--	2,584	--	--	-1,269	--	263	--	NA	1,052	978
Other Biofuels ⁷	--	--	392	--	--	--	--	-56	241	NA	207	109
Other Hydrocarbons	--	--	--	--	0	--	--	--	--	--	0	--
Unfinished Oils	--	-2,906	--	--	12,944	999	--	-331	7,691	3,677	0	47,313
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	1,028	-62,473	-3,941	7,354	-75,573	2,833	0	80,996
Reformulated	--	--	--	--	--	-8,974	7,086	1,942	-3,851	21	0	10,928
Conventional	--	--	--	--	1,028	-53,499	-11,027	5,412	-71,722	2,812	0	70,068
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	-7	17	--	-10	26
Finished Petroleum Products	--	--	1	218,295	4,345	-43,969	3,494	7,783	--	76,486	97,896	105,744
Finished Motor Gasoline	--	--	0	64,565	--	-2,246	3,494	-1,612	--	24,931	42,494	6,156
Reformulated	--	--	--	13,421	--	--	-6,627	--	--	--	6,794	--
Conventional	--	--	0	51,144	--	-2,246	10,121	-1,612	--	24,931	35,700	6,156
Finished Aviation Gasoline	--	--	--	202	--	-169	--	27	--	--	6	578
Kerosene-Type Jet Fuel	--	--	--	26,670	--	-14,462	--	2,372	--	4,789	5,047	11,967
Kerosene	--	--	--	217	--	-298	--	-80	--	316	-317	329
Distillate Fuel Oil	--	--	1	84,363	300	-28,005	--	5,371	--	24,167	27,121	43,925
15 ppm sulfur and under	--	--	1	79,668	300	-27,529	--	5,242	--	20,651	26,547	37,949
Greater than 15 to 500 ppm sulfur	--	--	0	2,327	--	-88	--	-96	--	2,472	-137	1,035
Greater than 500 ppm sulfur	--	--	--	2,368	--	-388	--	225	--	1,044	711	4,941
Residual Fuel Oil	--	--	--	3,774	1,904	880	--	1,377	--	2,467	2,714	20,017
Less than 0.31 percent sulfur	--	--	--	1,129	65	49	--	-18	--	NA	NA	1,523
0.31 to 1.00 percent sulfur	--	--	--	1,101	368	158	--	1,056	--	NA	NA	5,283
Greater than 1.00 percent sulfur	--	--	--	1,544	1,471	673	--	339	--	NA	NA	13,211
Petrochemical Feedstocks	--	--	--	5,918	167	85	--	276	--	1,114	4,780	2,136
Naphtha for Petro. Feed. Use	--	--	--	3,922	55	85	--	216	--	--	3,846	1,606
Other Oils for Petro. Feed. Use	--	--	--	1,996	112	--	--	60	--	1,114	934	530
Special Naphthas	--	--	--	885	567	-31	--	43	--	--	1,378	809
Lubricants	--	--	--	3,864	923	-654	--	-289	--	2,308	2,114	9,769
Waxes	--	--	--	95	8	--	--	-35	--	15	123	298
Petroleum Coke	--	--	--	13,849	476	890	--	314	--	15,728	-826	3,208
Marketable	--	--	--	11,004	476	890	--	314	--	15,728	-3,671	3,208
Catalyst	--	--	--	2,845	--	--	--	--	--	--	2,845	--
Asphalt and Road Oil	--	--	--	2,058	--	49	--	-30	--	569	1,568	5,900
Still Gas	--	--	--	10,303	--	--	--	--	--	--	10,303	--
Miscellaneous Products	--	--	--	1,532	--	-9	--	49	--	83	1,391	652
Total	403,388	0	4,168	227,857	58,176	-56,199	11,710	10,814	209,277	252,066	176,942	990,263

-- = Not Applicable.
- = No Data Reported.
NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.
² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.
³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.
⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).
⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.
⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.
⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.
Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isoctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 7. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, February 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil⁶	254,975	4,058	--	--	39,201	34,450	10,878	7,130	224,632	111,799	0	634,789
Hydrocarbon Gas Liquids	104,965	-2,904	-14	9,237	3	25,461	--	-4,123	12,944	58,751	69,176	117,991
Natural Gas Liquids	104,965	-2,904	-14	4,217	3	25,049	--	-4,112	12,944	58,751	63,733	116,879
Ethane	47,487	--	--	127	--	14,399	--	-681	--	9,274	53,420	43,289
Propane	31,171	--	--	4,243	--	9,320	--	-1,626	--	40,179	6,180	37,287
Normal Butane	8,191	--	--	104	3	3,312	--	-1,423	5,193	9,119	-1,280	17,714
Isobutane	7,901	--	--	-257	--	786	--	-904	3,818	103	5,412	7,814
Natural Gasoline	10,215	-2,904	-14	--	--	-2,767	--	522	3,933	75	0	10,775
Refinery Olefins	--	--	--	5,020	--	412	--	-11	--	--	5,443	1,112
Ethylene	--	--	--	--	--	--	--	0	--	--	0	0
Propylene	--	--	--	5,221	--	412	--	-98	--	--	5,731	402
Normal Butylene	--	--	--	-201	--	--	--	87	--	--	-288	710
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-1,153	3,510	--	14,020	-56,971	-972	-2,172	-48,440	7,163	1,884	132,574
Hydrogen/Biofuels/Other Hydrocarbons	--	--	3,510	--	240	4,545	2,697	303	7,458	1,330	1,902	6,714
Hydrogen	--	--	--	--	--	--	3,024	--	3,024	--	0	--
Biofuels (including Fuel Ethanol)	--	--	3,510	--	240	4,545	-327	303	4,434	1,330	1,902	6,714
Fuel Ethanol	--	--	585	--	--	5,283	-327	155	4,088	1,299	0	4,639
Biofuels (excluding Fuel Ethanol)	--	--	2,925	--	240	-738	--	148	346	31	1,902	2,075
Biodiesel	--	--	453	--	240	261	--	209	202	31	512	1,049
Renewable Diesel Fuel	--	--	2,123	--	--	-999	--	-173	--	NA	1,298	805
Other Biofuels ⁷	--	--	349	--	--	--	--	112	144	NA	92	222
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-1,153	--	--	12,238	756	--	-1,390	8,232	4,999	0	45,923
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	1,542	-62,272	-3,669	-1,081	-64,152	834	0	79,915
Reformulated	--	--	--	--	--	-9,488	6,505	-1,683	-1,353	53	0	9,245
Conventional	--	--	--	--	1,542	-52,784	-10,174	602	-62,799	781	0	70,670
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	-4	22	--	-18	22
Finished Petroleum Products	--	--	2	195,602	3,969	-44,207	3,996	-3,333	--	66,144	96,551	102,410
Finished Motor Gasoline	--	--	0	60,173	5	-1,781	3,996	1,564	--	20,260	40,569	7,720
Reformulated	--	--	--	12,829	--	--	-5,616	--	--	--	7,213	--
Conventional	--	--	0	47,344	5	-1,781	9,612	1,564	--	20,260	33,356	7,720
Finished Aviation Gasoline	--	--	--	305	--	-122	--	46	--	--	137	624
Kerosene-Type Jet Fuel	--	--	--	22,866	--	-15,485	--	-1,302	--	3,800	4,883	10,665
Kerosene	--	--	--	172	--	-298	--	81	--	25	-232	410
Distillate Fuel Oil	--	--	2	75,226	--	-28,079	--	-3,182	--	23,917	26,414	40,742
15 ppm sulfur and under	--	--	2	69,412	--	-27,715	--	-3,143	--	19,770	25,072	34,805
Greater than 15 to 500 ppm sulfur	--	--	0	2,243	--	-56	--	25	--	2,291	-129	1,060
Greater than 500 ppm sulfur	--	--	--	3,571	--	-308	--	-64	--	1,856	1,471	4,877
Residual Fuel Oil	--	--	--	3,667	2,311	865	--	-577	--	2,919	4,501	19,440
Less than 0.31 percent sulfur	--	--	--	1,002	--	130	--	10	--	NA	NA	1,533
0.31 to 1.00 percent sulfur	--	--	--	1,003	202	314	--	-423	--	NA	NA	4,860
Greater than 1.00 percent sulfur	--	--	--	1,662	2,109	421	--	-164	--	NA	NA	13,047
Petrochemical Feedstocks	--	--	--	4,856	219	47	--	83	--	1,176	3,863	2,219
Naphtha for Petro. Feed. Use	--	--	--	2,666	121	47	--	68	--	--	2,766	1,674
Other Oils for Petro. Feed. Use	--	--	--	2,190	98	--	--	15	--	1,176	1,097	545
Special Naphthas	--	--	--	803	146	-15	--	7	--	--	927	816
Lubricants	--	--	--	2,961	1,031	-599	--	-308	--	1,841	1,860	9,461
Waxes	--	--	--	115	--	--	--	-16	--	25	106	282
Petroleum Coke	--	--	--	12,071	257	1,119	--	164	--	11,746	1,538	3,372
Marketable	--	--	--	9,406	257	1,119	--	164	--	11,746	-1,127	3,372
Catalyst	--	--	--	2,665	--	--	--	--	--	--	2,665	--
Asphalt and Road Oil	--	--	--	1,962	--	146	--	98	--	401	1,609	5,998
Still Gas	--	--	--	9,017	--	--	--	--	--	--	9,017	--
Miscellaneous Products	--	--	--	1,408	--	-5	--	9	--	33	1,361	661
Total	359,940	0	3,499	204,839	57,193	-41,266	13,902	-2,499	189,136	243,857	167,611	987,764

-- = Not Applicable.
- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isoctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 7. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, March 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil⁶	289,055	6,412	--	--	39,962	46,720	10,994	-1,810	261,306	133,647	0	632,979
Hydrocarbon Gas Liquids	121,519	-3,343	-15	13,676	6	31,760	--	3,610	11,614	73,244	75,135	121,600
Natural Gas Liquids	121,519	-3,343	-15	7,725	6	31,161	--	3,484	11,614	73,244	68,711	120,362
Ethane	55,259	--	--	265	--	18,141	--	1,999	--	11,928	59,738	45,288
Propane	35,825	--	--	4,733	--	11,183	--	-728	--	49,406	3,063	36,559
Normal Butane	9,184	--	--	2,950	6	4,528	--	562	3,270	11,663	1,173	18,276
Isobutane	9,316	--	--	-223	--	1,168	--	901	4,465	157	4,738	8,715
Natural Gasoline	11,935	-3,343	-15	--	--	-3,859	--	750	3,879	90	0	11,524
Refinery Olefins	--	--	--	5,951	--	599	--	126	--	--	6,424	1,238
Ethylene	--	--	--	1	--	--	--	0	--	--	1	0
Propylene	--	--	--	6,247	--	599	--	400	--	--	6,446	802
Normal Butylene	--	--	--	-297	--	--	--	-274	--	--	-23	436
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-3,069	4,498	--	16,656	-60,139	3,843	-566	-50,835	10,999	2,191	132,009
Hydrogen/Biofuels/Other Hydrocarbons	--	--	4,498	--	271	4,455	3,203	289	8,266	1,678	2,194	7,004
Hydrogen	--	--	--	--	--	--	3,258	--	3,258	--	0	--
Biofuels (including Fuel Ethanol)	--	--	4,498	--	271	4,455	-55	289	5,008	1,678	2,194	7,004
Fuel Ethanol	--	--	643	--	--	5,513	-55	-273	4,726	1,648	0	4,366
Biofuels (excluding Fuel Ethanol)	--	--	3,855	--	271	-1,058	--	562	282	29	2,194	2,637
Biodiesel	--	--	470	--	218	290	--	79	203	29	666	1,128
Renewable Diesel Fuel	--	--	2,980	--	53	-1,348	--	525	--	NA	1,160	1,330
Other Biofuels ⁷	--	--	405	--	--	--	--	-42	79	NA	368	179
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-3,069	--	--	14,843	600	--	1,295	4,516	6,563	0	47,218
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	1,542	-65,194	640	-2,147	-63,623	2,758	0	77,768
Reformulated	--	--	--	--	292	-7,869	4,771	1,279	-4,119	34	0	10,524
Conventional	--	--	--	--	1,250	-57,325	-4,131	-3,426	-59,504	2,724	0	67,244
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	-3	6	--	-3	19
Finished Petroleum Products	--	--	3	224,451	3,536	-43,257	-585	-3,590	--	79,762	107,977	98,820
Finished Motor Gasoline	--	--	0	69,576	--	-1,838	-585	-1,758	--	23,790	45,121	5,962
Reformulated	--	--	--	14,716	--	--	-3,786	--	--	--	10,930	--
Conventional	--	--	0	54,860	--	-1,838	3,200	-1,758	--	23,790	34,191	5,962
Finished Aviation Gasoline	--	--	--	132	--	-65	--	-94	--	--	161	530
Kerosene-Type Jet Fuel	--	--	--	27,078	--	-14,791	--	1,629	--	5,112	5,546	12,294
Kerosene	--	--	--	151	--	--	--	111	--	47	-7	521
Distillate Fuel Oil	--	--	3	85,104	240	-27,819	--	-2,559	--	30,661	29,427	38,183
15 ppm sulfur and under	--	--	4	78,837	240	-27,517	--	-2,241	--	26,490	27,314	32,565
Greater than 15 to 500 ppm sulfur	--	--	0	3,072	--	-76	--	90	--	3,184	-278	1,150
Greater than 500 ppm sulfur	--	--	--	3,195	--	-226	--	-409	--	987	2,391	4,468
Residual Fuel Oil	--	--	--	4,346	1,328	832	--	-579	--	4,061	3,024	18,861
Less than 0.31 percent sulfur	--	--	--	1,114	--	81	--	-83	--	NA	NA	1,450
0.31 to 1.00 percent sulfur	--	--	--	1,120	--	238	--	328	--	NA	NA	5,188
Greater than 1.00 percent sulfur	--	--	--	2,112	1,328	513	--	-824	--	NA	NA	12,223
Petrochemical Feedstocks	--	--	--	6,397	354	40	--	54	--	1,133	5,604	2,273
Naphtha for Petro. Feed. Use	--	--	--	3,788	233	--	--	25	--	--	3,996	1,699
Other Oils for Petro. Feed. Use	--	--	--	2,609	121	40	--	29	--	1,133	1,608	574
Special Naphthas	--	--	--	921	490	-29	--	-56	--	--	1,438	760
Lubricants	--	--	--	3,162	844	-823	--	-234	--	3,137	280	9,227
Waxes	--	--	--	115	16	--	--	-21	--	--	21	131
Petroleum Coke	--	--	--	13,448	264	1,375	--	-178	--	11,419	3,845	3,194
Marketable	--	--	--	10,350	264	1,375	--	-178	--	11,419	747	3,194
Catalyst	--	--	--	3,098	--	--	--	--	--	--	3,098	--
Asphalt and Road Oil	--	--	--	2,229	--	-125	--	270	--	339	1,494	6,268
Still Gas	--	--	--	10,288	--	--	--	--	--	--	10,288	--
Miscellaneous Products	--	--	--	1,504	--	-13	--	-175	--	41	1,625	486
Total	410,574	0	4,487	238,127	60,160	-24,916	14,252	-2,357	222,085	297,652	185,303	985,408

-- = Not Applicable.
- = No Data Reported.
NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.
² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.
³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.
⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).
⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.
⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.
⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.
Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isoctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 7. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, April 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil⁶	274,830	5,861	--	--	36,960	38,251	11,820	-16,570	261,552	122,740	0	616,409
Hydrocarbon Gas Liquids	120,152	-4,808	-16	15,252	--	31,820	--	8,942	10,410	63,425	79,624	130,542
Natural Gas Liquids	120,152	-4,808	-16	9,114	--	31,193	--	9,136	10,410	63,425	72,664	129,498
Ethane	54,763	--	--	156	--	18,463	--	2,007	--	11,375	60,000	47,295
Propane	35,043	--	--	4,779	--	10,306	--	2,520	--	40,995	6,613	39,079
Normal Butane	9,007	--	--	4,465	--	4,625	--	4,315	1,613	10,867	1,303	22,591
Isobutane	9,223	--	--	-286	--	1,030	--	696	4,419	104	4,748	9,411
Natural Gasoline	12,116	-4,808	-16	--	--	-3,232	--	-402	4,378	84	0	11,122
Refinery Olefins	--	--	--	6,138	--	628	--	-194	--	--	6,960	1,044
Ethylene	--	--	--	4	--	--	--	0	--	--	4	0
Propylene	--	--	--	6,146	--	628	--	35	--	--	6,739	837
Normal Butylene	--	--	--	-12	--	--	--	-229	--	--	217	207
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-1,053	4,428	--	17,180	-57,688	2,217	3,389	-51,005	9,913	2,787	135,398
Hydrogen/Biofuels/Other Hydrocarbons	--	--	4,428	--	360	4,786	3,627	-355	8,408	2,352	2,795	6,649
Hydrogen	--	--	--	--	--	--	3,632	--	3,632	--	0	--
Biofuels (including Fuel Ethanol)	--	--	4,428	--	360	4,786	-5	-355	4,776	2,352	2,795	6,649
Fuel Ethanol	--	--	723	--	--	5,650	-5	133	4,537	1,697	0	4,500
Biofuels (excluding Fuel Ethanol)	--	--	3,705	--	360	-864	--	-488	239	655	2,795	2,149
Biodiesel	--	--	335	--	360	276	--	-134	220	655	230	994
Renewable Diesel Fuel	--	--	3,012	--	--	-1,140	--	-339	--	NA	2,211	991
Other Biofuels ⁷	--	--	358	--	--	--	--	-15	19	NA	354	164
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-1,053	--	--	14,782	-54	--	1,890	5,123	6,662	0	49,108
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	2,038	-62,420	-1,409	1,839	-64,529	899	0	79,607
Reformulated	--	--	--	--	--	-10,453	1,272	429	-9,673	63	0	10,953
Conventional	--	--	--	--	2,038	-51,967	-2,681	1,410	-54,856	836	0	68,654
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	15	-7	--	-8	34
Finished Petroleum Products	--	--	3	221,774	4,509	-45,497	1,415	4,106	--	70,101	107,996	102,926
Finished Motor Gasoline	--	--	0	66,105	49	-2,750	1,415	874	--	22,287	41,658	6,836
Reformulated	--	--	--	14,286	--	--	-61	--	--	--	14,225	--
Conventional	--	--	0	51,819	49	-2,750	1,476	874	--	22,287	27,433	6,836
Finished Aviation Gasoline	--	--	--	244	--	-52	--	12	--	--	180	542
Kerosene-Type Jet Fuel	--	--	--	25,730	--	-16,791	--	-82	--	3,286	5,735	12,212
Kerosene	--	--	--	181	--	--	--	-76	--	20	237	445
Distillate Fuel Oil	--	--	3	86,161	293	-27,020	--	2,041	--	27,009	30,386	40,224
15 ppm sulfur and under	--	--	3	80,355	293	-26,705	--	1,308	--	23,547	29,090	33,873
Greater than 15 to 500 ppm sulfur	--	--	0	3,691	--	-69	--	-78	--	2,367	1,333	1,072
Greater than 500 ppm sulfur	--	--	--	2,115	--	-246	--	811	--	1,095	-37	5,279
Residual Fuel Oil	--	--	--	4,873	1,683	797	--	1,326	--	2,836	3,191	20,187
Less than 0.31 percent sulfur	--	--	--	1,129	--	80	--	182	--	NA	NA	1,632
0.31 to 1.00 percent sulfur	--	--	--	1,048	495	236	--	687	--	NA	NA	5,875
Greater than 1.00 percent sulfur	--	--	--	2,696	1,188	481	--	457	--	NA	NA	12,680
Petrochemical Feedstocks	--	--	--	6,505	392	121	--	-192	--	836	6,374	2,081
Naphtha for Petro. Feed. Use	--	--	--	3,377	283	98	--	-136	--	--	3,894	1,563
Other Oils for Petro. Feed. Use	--	--	--	3,128	109	23	--	-56	--	836	2,480	518
Special Naphthas	--	--	--	828	640	-42	--	70	--	--	1,356	830
Lubricants	--	--	--	3,672	1,319	-672	--	157	--	2,801	1,361	9,384
Waxes	--	--	--	110	4	--	--	-2	--	20	96	259
Petroleum Coke	--	--	--	13,444	129	936	--	376	--	10,498	3,635	3,570
Marketable	--	--	--	10,399	129	936	--	376	--	10,498	590	3,570
Catalyst	--	--	--	3,045	--	--	--	--	--	--	3,045	--
Asphalt and Road Oil	--	--	--	1,934	--	-15	--	-400	--	446	1,873	5,868
Still Gas	--	--	--	10,461	--	--	--	--	--	--	10,461	--
Miscellaneous Products	--	--	--	1,526	--	-9	--	2	--	63	1,452	488
Total	394,982	0	4,415	237,026	58,649	-33,114	15,452	-132	220,957	266,180	190,406	985,275

-- = Not Applicable.
- = No Data Reported.
NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.
² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.
³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.
⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).
⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.
⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.
⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.
Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isoctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 7. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, May 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil⁶	284,260	4,181	--	--	40,033	37,589	13,977	-12,319	276,503	115,857	0	604,090
Hydrocarbon Gas Liquids	121,353	-4,197	-17	16,575	--	30,228	--	11,521	10,758	59,625	82,039	142,063
Natural Gas Liquids	121,353	-4,197	-17	10,156	--	29,740	--	11,611	10,758	59,625	75,042	141,109
Ethane	53,882	--	--	116	--	18,248	--	-1,980	--	10,377	63,849	45,315
Propane	35,743	--	--	5,055	--	10,028	--	5,808	--	40,349	4,669	44,887
Normal Butane	9,311	--	--	4,854	--	4,182	--	6,391	1,144	8,674	2,138	28,982
Isobutane	9,447	--	--	131	--	905	--	1,406	4,514	178	4,385	10,817
Natural Gasoline	12,970	-4,197	-17	--	--	-3,623	--	-14	5,100	48	0	11,108
Refinery Olefins	--	--	--	6,419	--	488	--	-90	--	--	6,997	954
Ethylene	--	--	--	--	--	--	--	0	--	--	0	0
Propylene	--	--	--	6,305	--	488	--	-246	--	--	7,039	591
Normal Butylene	--	--	--	114	--	--	--	156	--	--	-42	363
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	16	4,840	--	12,223	-62,588	3,250	-2,987	-54,887	12,331	3,284	132,411
Hydrogen/Biofuels/Other Hydrocarbons	--	--	4,840	--	302	4,874	3,932	-459	9,295	1,812	3,300	6,190
Hydrogen	--	--	--	--	--	--	4,259	--	4,259	--	0	--
Biofuels (including Fuel Ethanol)	--	--	4,840	--	302	4,874	-327	-459	5,036	1,812	3,300	6,190
Fuel Ethanol	--	--	690	--	--	5,668	-327	-333	4,786	1,578	0	4,167
Biofuels (excluding Fuel Ethanol)	--	--	4,149	--	302	-794	--	-127	250	233	3,300	2,023
Biodiesel	--	--	568	--	302	207	--	30	223	233	591	1,024
Renewable Diesel Fuel	--	--	3,183	--	--	-1,001	--	-107	--	NA	2,288	884
Other Biofuels ⁷	--	--	398	--	--	--	--	-50	27	NA	422	114
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	16	--	--	10,638	1,015	--	-1,040	4,669	8,040	0	48,068
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	1,283	-68,477	-681	-1,492	-68,863	2,480	0	78,115
Reformulated	--	--	--	--	--	-15,109	3,642	391	-11,908	50	0	11,344
Conventional	--	--	--	--	1,283	-53,368	-4,323	-1,883	-56,955	2,430	0	66,771
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	4	12	--	-16	38
Finished Petroleum Products	--	--	5	233,770	3,379	-48,062	1,009	2,786	--	79,400	107,915	105,712
Finished Motor Gasoline	--	--	0	68,106	300	-4,035	1,009	226	--	21,757	43,396	7,062
Reformulated	--	--	--	14,858	--	--	-2,776	--	--	--	12,082	--
Conventional	--	--	0	53,248	300	-4,035	3,784	226	--	21,757	31,314	7,062
Finished Aviation Gasoline	--	--	--	262	--	-86	--	-47	--	--	223	495
Kerosene-Type Jet Fuel	--	--	--	27,318	--	-17,293	--	996	--	3,477	5,552	13,208
Kerosene	--	--	--	246	--	--	--	29	--	1	216	474
Distillate Fuel Oil	--	--	5	91,875	--	-27,231	--	2,239	--	32,907	29,503	42,463
15 ppm sulfur and under	--	--	5	86,661	--	-26,801	--	2,393	--	27,746	29,727	36,266
Greater than 15 to 500 ppm sulfur	--	--	0	4,005	--	-98	--	342	--	3,868	-303	1,414
Greater than 500 ppm sulfur	--	--	--	1,209	--	-332	--	-496	--	1,293	80	4,783
Residual Fuel Oil	--	--	--	4,179	937	606	--	-459	--	3,420	2,761	19,728
Less than 0.31 percent sulfur	--	--	--	941	--	48	--	-14	--	NA	NA	1,618
0.31 to 1.00 percent sulfur	--	--	--	952	--	233	--	49	--	NA	NA	5,924
Greater than 1.00 percent sulfur	--	--	--	2,286	937	325	--	-494	--	NA	NA	12,186
Petrochemical Feedstocks	--	--	--	6,122	620	14	--	-120	--	482	6,394	1,961
Naphtha for Petro. Feed. Use	--	--	--	3,503	497	-8	--	-99	--	--	4,091	1,464
Other Oils for Petro. Feed. Use	--	--	--	2,619	123	22	--	-21	--	482	2,303	497
Special Naphthas	--	--	--	847	422	-10	--	45	--	--	1,214	875
Lubricants	--	--	--	4,210	1,083	-578	--	-303	--	3,032	1,986	9,081
Waxes	--	--	--	115	17	--	--	12	--	19	101	271
Petroleum Coke	--	--	--	15,030	--	593	--	408	--	14,009	1,206	3,978
Marketable	--	--	--	11,996	--	593	--	408	--	14,009	-1,828	3,978
Catalyst	--	--	--	3,034	--	--	--	--	--	--	3,034	--
Asphalt and Road Oil	--	--	--	2,267	--	-35	--	-369	--	216	2,385	5,499
Still Gas	--	--	--	11,396	--	--	--	--	--	--	11,396	--
Miscellaneous Products	--	--	--	1,797	--	-7	--	129	--	79	1,582	617
Total	405,613	0	4,828	250,345	55,635	-42,833	18,236	-1,000	232,374	267,213	193,238	984,276

-- = Not Applicable.
- = No Data Reported.
NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.
² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.
³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.
⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).
⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.
⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.
⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.
Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isoctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 7. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, June 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil⁶	278,003	12,129	--	--	41,969	31,730	4,052	-10,503	264,639	113,748	0	593,587
Hydrocarbon Gas Liquids	117,402	-3,500	-17	15,290	--	30,342	--	12,792	10,653	57,075	78,997	154,855
Natural Gas Liquids	117,402	-3,500	-17	9,610	--	29,935	--	12,695	10,653	57,075	73,007	153,804
Ethane	50,830	--	--	134	--	16,970	--	-2,470	--	9,855	60,549	42,845
Propane	34,871	--	--	4,725	--	9,641	--	5,048	--	38,515	5,674	49,935
Normal Butane	9,264	--	--	4,973	--	5,145	--	7,687	1,725	8,564	1,406	36,669
Isobutane	9,119	--	--	-222	--	765	--	-50	4,273	62	5,377	10,767
Natural Gasoline	13,318	-3,500	-17	--	--	-2,587	--	2,480	4,655	79	0	13,588
Refinery Olefins	--	--	--	5,680	--	407	--	97	--	--	5,990	1,051
Ethylene	--	--	--	3	--	--	--	0	--	--	3	0
Propylene	--	--	--	5,968	--	407	--	79	--	--	6,296	670
Normal Butylene	--	--	--	-291	--	--	--	18	--	--	-309	381
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-8,630	4,751	--	15,516	-60,083	2,599	-3,147	-55,150	9,639	2,812	129,264
Hydrogen/Biofuels/Other Hydrocarbons	--	--	4,751	--	142	4,293	3,769	-514	8,943	1,712	2,815	5,676
Hydrogen	--	--	--	--	--	--	4,111	--	4,111	--	0	--
Biofuels (including Fuel Ethanol)	--	--	4,751	--	142	4,293	-342	-514	4,832	1,712	2,815	5,676
Fuel Ethanol	--	--	737	--	--	5,454	-342	-180	4,583	1,447	0	3,987
Biofuels (excluding Fuel Ethanol)	--	--	4,014	--	142	-1,161	--	-334	249	265	2,815	1,689
Biodiesel	--	--	520	--	142	196	--	-208	218	265	583	817
Renewable Diesel Fuel	--	--	3,082	--	--	-1,357	--	-163	--	NA	1,888	722
Other Biofuels ⁷	--	--	412	--	0	--	--	37	31	NA	344	150
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-8,630	--	--	14,339	293	--	-1,095	1,038	6,059	0	46,973
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	1,035	-64,669	-1,171	-1,525	-65,147	1,867	0	76,590
Reformulated	--	--	--	--	--	-15,718	3,773	279	-12,245	21	0	11,623
Conventional	--	--	--	--	1,035	-48,951	-4,943	-1,804	-52,902	1,847	0	64,967
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	-13	16	--	-3	25
Finished Petroleum Products	--	--	5	222,365	4,356	-46,965	1,512	-2,554	--	79,733	104,094	103,158
Finished Motor Gasoline	--	--	--	67,023	--	-2,571	1,512	730	--	20,502	44,732	7,792
Reformulated	--	--	--	14,339	--	--	-2,910	--	--	--	11,429	--
Conventional	--	--	--	52,684	--	-2,571	4,423	730	--	20,502	33,303	7,792
Finished Aviation Gasoline	--	--	--	191	--	-159	--	-96	--	--	128	399
Kerosene-Type Jet Fuel	--	--	--	27,173	--	-17,316	--	356	--	3,752	5,749	13,564
Kerosene	--	--	--	180	--	--	--	123	--	43	14	597
Distillate Fuel Oil	--	--	--	86,577	--	-27,024	--	-1,096	--	30,645	30,009	41,367
15 ppm sulfur and under	--	--	5	83,175	--	-26,675	--	-986	--	27,580	29,911	35,280
Greater than 15 to 500 ppm sulfur	--	--	0	2,270	--	-105	--	-179	--	1,792	552	1,235
Greater than 500 ppm sulfur	--	--	--	1,132	--	-244	--	69	--	1,273	-454	4,852
Residual Fuel Oil	--	--	--	2,678	1,783	495	--	-1,197	--	4,122	2,031	18,531
Less than 0.31 percent sulfur	--	--	--	304	--	76	--	-278	--	NA	NA	1,340
0.31 to 1.00 percent sulfur	--	--	--	854	263	292	--	-719	--	NA	NA	5,205
Greater than 1.00 percent sulfur	--	--	--	1,520	1,520	127	--	-200	--	NA	NA	11,986
Petrochemical Feedstocks	--	--	--	5,636	364	-244	--	175	--	1,112	4,469	2,136
Naphtha for Petro. Feed. Use	--	--	--	2,881	240	-244	--	0	--	--	2,877	1,464
Other Oils for Petro. Feed. Use	--	--	--	2,755	124	--	--	175	--	1,112	1,592	672
Special Naphthas	--	--	--	589	575	-25	--	-156	--	--	1,295	719
Lubricants	--	--	--	3,412	1,025	-521	--	-323	--	2,662	1,577	8,758
Waxes	--	--	--	123	8	--	--	-2	--	20	113	269
Petroleum Coke	--	--	--	14,194	601	589	--	-792	--	16,477	-302	3,186
Marketable	--	--	--	11,140	601	589	--	-792	--	16,477	-3,356	3,186
Catalyst	--	--	--	3,054	--	--	--	--	--	--	3,054	--
Asphalt and Road Oil	--	--	--	1,900	--	-182	--	-395	--	336	1,777	5,104
Still Gas	--	--	--	11,000	--	--	--	--	--	--	11,000	--
Miscellaneous Products	--	--	--	1,689	--	-7	--	119	--	60	1,503	736
Total	395,405	0	4,739	237,655	61,841	-44,976	8,163	-3,412	220,142	260,195	185,903	980,863

-- = Not Applicable.
- = No Data Reported.
NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.
² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.
³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.
⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).
⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.
⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.
⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.
Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 7. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, July 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil⁶	290,817	10,809	--	--	45,905	40,603	8,927	-1,604	280,117	118,548	0	591,983
Hydrocarbon Gas Liquids	123,810	-4,975	-18	15,957	--	31,922	--	6,355	10,314	62,984	87,044	161,210
Natural Gas Liquids	123,810	-4,975	-18	9,976	--	31,387	--	6,277	10,314	62,984	80,606	160,081
Ethane	53,101	--	--	226	--	17,506	--	-3,284	--	10,890	63,227	39,561
Propane	36,788	--	--	4,817	--	11,195	--	1,589	--	42,625	8,586	51,524
Normal Butane	9,861	--	--	5,260	--	5,210	--	7,097	1,818	8,975	2,440	43,766
Isobutane	9,633	--	--	-327	--	887	--	-786	4,465	161	6,353	9,981
Natural Gasoline	14,427	-4,975	-18	--	--	-3,411	--	1,661	4,031	332	0	15,249
Refinery Olefins	--	--	--	5,981	--	535	--	78	--	--	6,438	1,129
Ethylene	--	--	--	11	--	--	--	0	--	--	11	0
Propylene	--	--	--	6,472	--	535	--	168	--	--	6,839	838
Normal Butylene	--	--	--	-502	--	--	--	-90	--	--	-412	291
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-5,834	4,433	--	14,552	-64,002	3,964	-118	-59,604	10,518	2,318	129,145
Hydrogen/Biofuels/Other Hydrocarbons	--	--	4,433	--	219	3,837	4,512	53	9,182	1,429	2,337	5,728
Hydrogen	--	--	--	--	--	--	4,190	--	4,190	--	0	--
Biofuels (including Fuel Ethanol)	--	--	4,433	--	219	3,837	322	53	4,992	1,429	2,337	5,728
Fuel Ethanol	--	--	747	--	--	4,879	322	-13	4,688	1,273	0	3,973
Biofuels (excluding Fuel Ethanol)	--	--	3,686	--	219	-1,042	--	66	304	156	2,337	1,755
Biodiesel	--	--	505	--	167	227	--	-177	235	156	686	639
Renewable Diesel Fuel	--	--	2,864	--	--	-1,269	--	309	--	NA	1,285	1,031
Other Biofuels ⁷	--	--	317	--	52	--	--	-66	69	NA	366	84
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-5,834	--	--	13,249	630	--	818	816	6,411	0	47,791
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	1,084	-68,469	-547	-983	-69,627	2,678	0	75,607
Reformulated	--	--	--	--	--	-16,397	2,640	-441	-13,321	5	0	11,182
Conventional	--	--	--	--	1,084	-52,072	-3,187	-542	-56,306	2,673	0	64,425
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	-6	25	--	-19	19
Finished Petroleum Products	--	--	4	233,897	3,469	-46,672	226	-2,125	--	90,917	102,132	101,033
Finished Motor Gasoline	--	--	0	68,836	--	-2,486	226	-1,706	--	26,031	42,250	6,086
Reformulated	--	--	--	14,384	--	--	-1,878	--	--	--	12,506	--
Conventional	--	--	0	54,452	--	-2,486	2,104	-1,706	--	26,031	29,744	6,086
Finished Aviation Gasoline	--	--	--	360	--	-97	--	42	--	--	221	441
Kerosene-Type Jet Fuel	--	--	--	27,831	25	-17,942	--	-6	--	4,045	5,875	13,558
Kerosene	--	--	--	170	--	--	--	-1	--	21	150	596
Distillate Fuel Oil	--	--	4	91,687	26	-26,563	--	1,911	--	35,120	28,123	43,278
15 ppm sulfur and under	--	--	4	87,878	26	-26,223	--	1,664	--	31,143	28,878	36,944
Greater than 15 to 500 ppm sulfur	--	--	0	2,490	--	-109	--	-184	--	3,107	-542	1,051
Greater than 500 ppm sulfur	--	--	--	1,319	--	-231	--	431	--	871	-214	5,283
Residual Fuel Oil	--	--	--	3,503	1,380	456	--	-2,081	--	4,400	3,020	16,450
Less than 0.31 percent sulfur	--	--	--	254	--	--	--	-452	--	NA	NA	888
0.31 to 1.00 percent sulfur	--	--	--	921	--	319	--	-938	--	NA	NA	4,267
Greater than 1.00 percent sulfur	--	--	--	2,328	1,380	137	--	-691	--	NA	NA	11,295
Petrochemical Feedstocks	--	--	--	5,568	320	105	--	-103	--	516	5,580	2,033
Naphtha for Petro. Feed. Use	--	--	--	3,326	259	71	--	-8	--	--	3,664	1,456
Other Oils for Petro. Feed. Use	--	--	--	2,242	61	34	--	-95	--	516	1,916	577
Special Naphthas	--	--	--	941	746	-9	--	88	--	--	1,590	807
Lubricants	--	--	--	3,992	948	-569	--	-225	--	2,874	1,722	8,533
Waxes	--	--	--	126	24	--	--	14	--	25	111	283
Petroleum Coke	--	--	--	14,851	--	736	--	-240	--	17,648	-1,821	2,946
Marketable	--	--	--	11,595	--	736	--	-240	--	17,648	-5,077	2,946
Catalyst	--	--	--	3,256	--	--	--	--	--	--	3,256	--
Asphalt and Road Oil	--	--	--	2,519	--	-296	--	226	--	191	1,806	5,330
Still Gas	--	--	--	11,746	--	--	--	--	--	--	11,746	--
Miscellaneous Products	--	--	--	1,767	--	-7	--	-44	--	45	1,759	692
Total	414,627	0	4,420	249,854	63,926	-38,149	13,117	2,508	230,827	282,967	191,494	983,371

-- = Not Applicable.
 - = No Data Reported.
 NA = Not Available.
¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.
² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.
³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.
⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).
⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.
⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.
⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.
 Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.
 Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isoctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 7. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, August 2023
(Thousand Barrels)

Commodity	Supply							Disposition					Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵		
Crude Oil⁶	292,284	13,767	--	--	45,200	40,018	5,596	-9,964	274,111	132,718	0	582,019	
Hydrocarbon Gas Liquids	126,411	-6,821	-17	15,748	--	32,451	--	14,258	11,488	60,892	81,135	175,468	
Natural Gas Liquids	126,411	-6,821	-17	9,956	--	32,033	--	14,515	11,488	60,892	74,667	174,596	
Ethane	53,983	--	--	166	--	18,122	--	2,537	--	11,218	58,516	42,098	
Propane	37,300	--	--	4,815	--	10,716	--	4,683	--	38,980	9,168	56,207	
Normal Butane	10,603	--	--	5,277	--	4,549	--	6,711	1,893	10,287	1,538	50,477	
Isobutane	9,210	--	--	-302	--	1,059	--	32	4,435	55	5,445	10,013	
Natural Gasoline	15,315	-6,821	-17	--	--	-2,413	--	552	5,160	352	0	15,801	
Refinery Olefins	--	--	--	5,792	--	418	--	-257	--	--	6,467	872	
Ethylene	--	--	--	8	--	--	--	0	--	--	8	0	
Propylene	--	--	--	6,160	--	418	--	-220	--	--	6,798	618	
Normal Butylene	--	--	--	-376	--	--	--	-37	--	--	-339	254	
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0	
Other Liquids	--	-6,946	5,028	--	13,833	-59,608	-113	-1,027	-59,803	10,019	3,006	128,118	
Hydrogen/Biofuels/Other Hydrocarbons	--	--	5,028	--	446	4,267	3,742	114	9,305	1,036	3,028	5,842	
Hydrogen	--	--	--	--	--	--	4,180	--	4,180	--	0	--	
Biofuels (including Fuel Ethanol)	--	--	5,028	--	446	4,267	-438	114	5,125	1,036	3,028	5,842	
Fuel Ethanol	--	--	728	--	--	5,510	-438	7	4,839	954	0	3,980	
Biofuels (excluding Fuel Ethanol)	--	--	4,300	--	446	-1,243	--	107	286	82	3,028	1,862	
Biodiesel	--	--	514	--	446	128	--	107	220	82	679	747	
Renewable Diesel Fuel	--	--	3,412	--	--	-1,371	--	-63	19	NA	2,085	968	
Other Biofuels ⁷	--	--	374	--	--	--	--	62	47	NA	265	147	
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--	
Unfinished Oils	--	-6,946	--	--	10,832	471	--	-1,343	-976	6,676	0	46,448	
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	2,555	-64,346	-3,855	202	-68,154	2,306	0	75,809	
Reformulated	--	--	--	--	--	-14,257	5,081	-1,933	-7,243	0	0	9,249	
Conventional	--	--	--	--	2,555	-50,089	-8,936	2,135	-60,911	2,306	0	66,560	
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	0	22	--	-22	19	
Finished Petroleum Products	--	--	9	228,564	2,974	-43,037	4,293	-3,216	--	81,762	114,257	97,817	
Finished Motor Gasoline	--	--	0	66,849	260	-1,362	4,293	-4	--	21,913	48,131	6,082	
Reformulated	--	--	--	15,216	--	--	-3,435	--	--	--	11,781	--	
Conventional	--	--	0	51,633	260	-1,362	7,728	-4	--	21,913	36,350	6,082	
Finished Aviation Gasoline	--	--	--	352	--	-132	--	8	--	--	212	449	
Kerosene-Type Jet Fuel	--	--	--	27,882	--	-15,530	--	-638	--	5,442	7,548	12,920	
Kerosene	--	--	--	158	--	--	--	178	--	326	-346	774	
Distillate Fuel Oil	--	--	9	89,371	27	-26,307	--	-1,397	--	33,805	30,693	41,881	
15 ppm sulfur and under	--	--	9	85,016	27	-25,979	--	-1,118	--	29,396	30,795	35,826	
Greater than 15 to 500 ppm sulfur	--	--	0	2,962	--	-217	--	-58	--	3,242	-439	993	
Greater than 500 ppm sulfur	--	--	--	1,393	--	-111	--	-221	--	1,167	336	5,062	
Residual Fuel Oil	--	--	--	3,412	1,184	433	--	-1,183	--	2,675	3,537	15,267	
Less than 0.31 percent sulfur	--	--	--	377	--	--	--	46	--	NA	NA	934	
0.31 to 1.00 percent sulfur	--	--	--	1,026	425	254	--	-679	--	NA	NA	3,588	
Greater than 1.00 percent sulfur	--	--	--	2,009	759	179	--	-550	--	NA	NA	10,745	
Petrochemical Feedstocks	--	--	--	5,541	265	67	--	203	--	1,285	4,385	2,236	
Naphtha for Petro. Feed. Use	--	--	--	3,422	179	57	--	93	--	--	3,565	1,549	
Other Oils for Petro. Feed. Use	--	--	--	2,119	86	10	--	110	--	1,285	820	687	
Special Naphthas	--	--	--	977	269	-10	--	4	--	--	1,232	811	
Lubricants	--	--	--	3,977	763	-496	--	317	--	2,581	1,346	8,850	
Waxes	--	--	--	113	12	--	--	-3	--	19	109	280	
Petroleum Coke	--	--	--	14,613	194	529	--	-347	--	13,185	2,498	2,599	
Marketable	--	--	--	11,424	194	529	--	-347	--	13,185	-691	2,599	
Catalyst	--	--	--	3,189	--	--	--	--	--	--	3,189	--	
Asphalt and Road Oil	--	--	--	2,198	--	-221	--	-490	--	506	1,962	4,840	
Still Gas	--	--	--	11,473	--	--	--	--	--	--	11,473	--	
Miscellaneous Products	--	--	--	1,648	--	-8	--	136	--	28	1,476	828	
Total	418,695	0	5,021	244,312	62,007	-30,175	9,776	51	225,796	285,390	198,398	983,422	

-- = Not Applicable.
 - = No Data Reported.
 NA = Not Available.
¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.
² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.
³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.
⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).
⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.
⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.
⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.
 Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isoctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 7. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, September 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil⁶	285,125	12,502	--	--	44,042	46,276	1,882	7,106	263,607	119,115	0	589,125
Hydrocarbon Gas Liquids	125,387	-6,120	-14	12,697	--	31,686	--	9,272	13,393	65,258	75,713	184,740
Natural Gas Liquids	125,387	-6,120	-14	7,292	--	31,074	--	9,318	13,393	65,258	69,650	183,914
Ethane	54,841	--	--	166	--	19,083	--	6,779	--	10,925	56,386	48,877
Propane	36,429	--	--	4,526	--	9,679	--	2,924	--	42,335	5,375	59,131
Normal Butane	9,997	--	--	2,947	--	4,258	--	-629	4,241	11,945	1,645	49,848
Isobutane	9,587	--	--	-347	--	609	--	-336	3,938	4	6,244	9,677
Natural Gasoline	14,533	-6,120	-14	--	--	-2,555	--	580	5,214	50	0	16,381
Refinery Olefins	--	--	--	5,405	--	612	--	-46	--	--	6,063	826
Ethylene	--	--	--	4	--	--	--	0	--	--	4	0
Propylene	--	--	--	5,771	--	612	--	28	--	--	6,355	646
Normal Butylene	--	--	--	-370	--	--	--	-74	--	--	-296	180
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-6,382	5,312	--	12,016	-59,512	5,061	5,692	-62,404	10,534	2,674	133,810
Hydrogen/Biofuels/Other Hydrocarbons	--	--	5,312	--	398	2,822	4,523	-99	8,956	1,502	2,697	5,743
Hydrogen	--	--	--	--	--	--	4,138	--	4,138	--	0	--
Biofuels (including Fuel Ethanol)	--	--	5,312	--	398	2,822	385	-99	4,818	1,502	2,697	5,743
Fuel Ethanol	--	--	737	--	--	4,640	385	-253	4,552	1,462	0	3,728
Biofuels (excluding Fuel Ethanol)	--	--	4,575	--	398	-1,818	--	154	266	40	2,697	2,015
Biodiesel	--	--	541	--	398	194	--	-36	209	40	921	711
Renewable Diesel Fuel	--	--	3,622	--	--	-2,012	--	223	--	NA	1,387	1,191
Other Biofuels ⁷	--	--	413	--	--	0	--	-33	57	NA	389	114
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-6,382	--	--	10,448	310	--	2,435	-5,493	7,434	0	48,883
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	1,170	-62,644	538	3,348	-65,882	1,598	0	79,157
Reformulated	--	--	--	--	--	-9,293	5,759	855	-4,390	1	0	10,104
Conventional	--	--	--	--	1,170	-53,351	-5,221	2,493	-61,492	1,597	0	69,053
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	8	15	--	-23	27
Finished Petroleum Products	--	--	9	220,480	3,652	-41,222	-923	4,159	--	69,682	108,154	101,977
Finished Motor Gasoline	--	--	0	66,680	197	-1,659	-923	237	--	21,891	42,166	6,319
Reformulated	--	--	--	14,249	--	--	-4,393	--	--	--	9,856	--
Conventional	--	--	0	52,431	197	-1,659	3,470	237	--	21,891	32,310	6,319
Finished Aviation Gasoline	--	--	--	313	--	-113	--	68	--	--	132	517
Kerosene-Type Jet Fuel	--	--	--	27,141	--	-15,871	--	1,134	--	3,327	6,809	14,054
Kerosene	--	--	--	351	--	-174	--	-42	--	23	196	732
Distillate Fuel Oil	--	--	9	83,973	--	-24,311	--	2,481	--	28,347	28,843	44,363
15 ppm sulfur and under	--	--	9	79,458	--	-23,976	--	2,404	--	24,168	28,918	38,231
Greater than 15 to 500 ppm sulfur	--	--	0	2,556	--	-137	--	142	--	2,484	-207	1,135
Greater than 500 ppm sulfur	--	--	--	1,959	--	-198	--	-65	--	1,694	132	4,997
Residual Fuel Oil	--	--	--	3,581	1,853	239	--	737	--	2,232	2,704	16,004
Less than 0.31 percent sulfur	--	--	--	811	380	--	--	-78	--	NA	NA	856
0.31 to 1.00 percent sulfur	--	--	--	921	791	153	--	235	--	NA	NA	3,823
Greater than 1.00 percent sulfur	--	--	--	1,849	682	86	--	580	--	NA	NA	11,325
Petrochemical Feedstocks	--	--	--	5,247	101	100	--	-56	--	773	4,731	2,180
Naphtha for Petro. Feed. Use	--	--	--	3,765	35	33	--	-58	--	--	3,891	1,491
Other Oils for Petro. Feed. Use	--	--	--	1,482	66	67	--	2	--	773	840	689
Special Naphthas	--	--	--	839	510	-17	--	49	--	--	1,283	860
Lubricants	--	--	--	3,574	788	-352	--	-276	--	3,039	1,247	8,574
Waxes	--	--	--	95	4	--	--	-38	--	22	115	242
Petroleum Coke	--	--	--	14,287	199	1,039	--	611	--	9,475	5,439	3,210
Marketable	--	--	--	11,242	199	1,039	--	611	--	9,475	2,394	3,210
Catalyst	--	--	--	3,045	--	--	--	--	--	--	3,045	--
Asphalt and Road Oil	--	--	--	2,019	--	-96	--	-520	--	518	1,924	4,320
Still Gas	--	--	--	10,796	--	--	--	--	--	--	10,796	--
Miscellaneous Products	--	--	--	1,584	--	-7	--	-226	--	34	1,769	602
Total	410,512	0	5,307	233,177	59,710	-22,772	6,020	26,229	214,596	264,589	186,541	1,009,651

-- = Not Applicable.
- = No Data Reported.
NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.
² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.
³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.
⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).
⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.
⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.
⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.
Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 7. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, October 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil⁶	293,691	14,226	--	--	36,369	49,987	-4,247	6,088	259,375	124,564	0	595,213
Hydrocarbon Gas Liquids	130,197	-5,829	-14	11,127	--	31,393	--	-1,677	14,858	70,587	83,105	183,063
Natural Gas Liquids	130,197	-5,829	-14	5,817	--	30,910	--	-2,213	14,858	70,587	77,849	181,701
Ethane	58,055	--	--	475	--	19,652	--	8,098	--	10,402	59,682	56,975
Propane	38,021	--	--	4,734	--	10,296	--	-3,338	--	46,846	9,543	55,793
Normal Butane	10,130	--	--	776	--	3,495	--	-6,096	5,452	13,049	1,996	43,752
Isobutane	9,769	--	--	-168	--	1,094	--	-598	4,533	132	6,628	9,079
Natural Gasoline	14,222	-5,829	-14	--	--	-3,627	--	-279	4,873	158	0	16,102
Refinery Olefins	--	--	--	5,310	--	483	--	536	--	--	5,257	1,362
Ethylene	--	--	--	126	--	--	--	0	--	--	126	0
Propylene	--	--	--	5,775	--	483	--	134	--	--	6,124	780
Normal Butylene	--	--	--	-592	--	--	--	402	--	--	-994	582
Isobutylene	--	--	--	1	--	--	--	0	--	--	1	0
Other Liquids	--	-8,398	4,939	--	12,664	-61,584	1,655	-1,185	-59,979	8,363	2,077	132,626
Hydrogen/Biofuels/Other Hydrocarbons	--	--	4,939	--	209	3,463	3,795	-419	9,189	1,555	2,081	5,325
Hydrogen	--	--	--	--	--	-463	4,128	--	4,128	--	0	--
Biofuels (including Fuel Ethanol)	--	--	4,939	--	209	3,463	-333	-419	5,061	1,555	2,081	5,325
Fuel Ethanol	--	--	629	--	--	5,372	-333	-350	4,738	1,281	0	3,377
Biofuels (excluding Fuel Ethanol)	--	--	4,310	--	209	-1,910	--	-68	323	274	2,081	1,947
Biodiesel	--	--	499	--	209	111	--	-58	229	274	375	653
Renewable Diesel Fuel	--	--	3,345	--	--	-2,021	--	-79	--	NA	1,403	1,112
Other Biofuels ⁷	--	--	466	--	--	0	--	69	94	NA	303	183
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-8,398	--	--	11,627	922	--	1,553	-2,661	5,259	0	50,436
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	828	-65,969	-2,141	-2,318	-66,512	1,548	0	76,839
Reformulated	--	--	--	--	--	-11,392	5,767	-970	-4,676	21	0	9,134
Conventional	--	--	--	--	828	-54,577	-7,908	-1,348	-61,836	1,527	0	67,705
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	-1	5	--	-4	26
Finished Petroleum Products	--	--	7	221,823	3,885	-46,946	2,473	-3,782	--	75,871	109,154	98,195
Finished Motor Gasoline	--	--	0	67,996	283	-1,387	2,473	257	--	24,427	44,681	6,576
Reformulated	--	--	--	15,002	--	--	-4,621	--	--	--	10,381	--
Conventional	--	--	0	52,994	283	-1,387	7,095	257	--	24,427	34,301	6,576
Finished Aviation Gasoline	--	--	--	410	--	-68	--	0	--	--	342	517
Kerosene-Type Jet Fuel	--	--	--	26,504	--	-19,191	--	-2,172	--	3,768	5,717	11,882
Kerosene	--	--	--	206	--	--	--	-145	--	322	29	587
Distillate Fuel Oil	--	--	7	85,541	28	-27,335	--	-2,291	--	28,422	32,110	42,072
15 ppm sulfur and under	--	--	7	80,121	28	-27,052	--	-2,141	--	23,429	31,816	36,090
Greater than 15 to 500 ppm sulfur	--	--	0	2,889	--	-95	--	-2	--	2,959	-163	1,133
Greater than 500 ppm sulfur	--	--	--	2,531	--	-188	--	-148	--	2,034	457	4,849
Residual Fuel Oil	--	--	--	3,912	1,662	714	--	283	--	2,973	3,032	16,287
Less than 0.31 percent sulfur	--	--	--	879	--	73	--	260	--	NA	NA	1,116
0.31 to 1.00 percent sulfur	--	--	--	936	414	153	--	-161	--	NA	NA	3,662
Greater than 1.00 percent sulfur	--	--	--	2,097	1,248	488	--	184	--	NA	NA	11,509
Petrochemical Feedstocks	--	--	--	5,168	39	45	--	202	--	1,304	3,746	2,382
Naphtha for Petro. Feed. Use	--	--	--	3,253	--	45	--	158	--	--	3,140	1,649
Other Oils for Petro. Feed. Use	--	--	--	1,915	39	--	--	44	--	1,304	606	733
Special Naphthas	--	--	--	939	804	-17	--	-18	--	--	1,744	842
Lubricants	--	--	--	3,668	934	-503	--	-197	--	2,578	1,718	8,377
Waxes	--	--	--	128	1	--	--	-9	--	28	110	233
Petroleum Coke	--	--	--	13,405	134	614	--	407	--	11,578	2,168	3,617
Marketable	--	--	--	10,537	134	614	--	407	--	11,578	-700	3,617
Catalyst	--	--	--	2,868	--	--	--	--	--	--	2,868	--
Asphalt and Road Oil	--	--	--	2,391	--	196	--	-87	--	449	2,225	4,233
Still Gas	--	--	--	9,902	--	--	--	--	--	--	9,902	--
Miscellaneous Products	--	--	--	1,653	--	-14	--	-12	--	22	1,629	590
Total	423,888	0	4,932	232,950	52,918	-27,150	-119	-555	214,254	279,385	194,336	1,009,096

-- = Not Applicable.
 - = No Data Reported.
 NA = Not Available.
¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.
² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.
³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.
⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).
⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.
⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.
⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.
 Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.
 Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isoctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 7. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, November 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil⁶	286,615	10,927	--	--	37,031	42,640	3,294	4,435	261,731	114,341	0	599,648
Hydrocarbon Gas Liquids	126,792	-6,466	-17	9,797	--	28,661	--	-12,025	15,650	70,779	84,364	171,037
Natural Gas Liquids	126,792	-6,466	-17	3,390	--	28,114	--	-11,911	15,650	70,779	77,295	169,789
Ethane	56,778	--	--	342	--	18,256	--	6,876	--	9,128	59,372	63,851
Propane	37,305	--	--	4,369	--	9,169	--	-6,660	--	48,919	8,584	49,133
Normal Butane	9,766	--	--	-923	--	3,169	--	-10,462	6,477	12,523	3,473	33,290
Isobutane	9,547	--	--	-398	--	920	--	-281	4,415	69	5,866	8,798
Natural Gasoline	13,396	-6,466	-17	--	--	-3,399	--	-1,384	4,758	141	0	14,717
Refinery Olefins	--	--	--	6,407	--	547	--	-114	--	--	7,068	1,248
Ethylene	--	--	--	187	--	--	--	0	--	--	187	0
Propylene	--	--	--	6,692	--	547	--	122	--	--	7,117	902
Normal Butylene	--	--	--	-473	--	--	--	-237	--	--	-236	345
Isobutylene	--	--	--	1	--	--	--	1	--	--	0	1
Other Liquids	--	-4,461	5,134	--	11,793	-59,111	611	-569	-59,320	12,046	1,809	132,057
Hydrogen/Biofuels/Other Hydrocarbons	--	--	5,134	--	318	3,798	4,190	818	8,959	1,851	1,811	6,143
Hydrogen	--	--	--	--	--	--	4,120	--	4,120	--	0	--
Biofuels (including Fuel Ethanol)	--	--	5,134	--	318	3,798	70	818	4,839	1,851	1,811	6,143
Fuel Ethanol	--	--	723	--	--	5,569	70	253	4,499	1,610	0	3,631
Biofuels (excluding Fuel Ethanol)	--	--	4,410	--	318	-1,771	--	565	340	241	1,811	2,513
Biodiesel	--	--	470	--	318	277	--	66	201	241	557	719
Renewable Diesel Fuel	--	--	3,541	--	--	-2,048	--	544	--	NA	950	1,655
Other Biofuels ⁷	--	--	399	--	--	0	--	-44	139	NA	304	138
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-4,461	--	--	10,589	1,718	--	-1,851	3,810	5,887	0	48,585
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	886	-64,627	-3,579	461	-72,088	4,307	0	77,300
Reformulated	--	--	--	--	182	-10,401	7,448	1,285	-4,090	34	0	10,419
Conventional	--	--	--	--	704	-54,226	-11,027	-824	-67,998	4,273	0	66,881
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	3	-1	--	-2	29
Finished Petroleum Products	--	--	2	226,286	3,405	-48,339	3,509	2,777	--	76,522	105,564	100,972
Finished Motor Gasoline	--	--	0	67,475	--	-2,235	3,509	1,120	--	25,637	41,992	7,696
Reformulated	--	--	--	14,415	--	--	-6,710	--	--	--	7,705	--
Conventional	--	--	0	53,060	--	-2,235	10,219	1,120	--	25,637	34,287	7,696
Finished Aviation Gasoline	--	--	--	215	--	-344	--	-111	--	--	-18	406
Kerosene-Type Jet Fuel	--	--	--	26,701	--	-17,868	--	1,243	--	4,454	3,136	13,125
Kerosene	--	--	--	330	--	-108	--	336	--	75	-189	923
Distillate Fuel Oil	--	--	2	89,903	--	-28,868	--	600	--	30,082	30,355	42,672
15 ppm sulfur and under	--	--	2	85,431	--	-28,454	--	1,611	--	26,090	29,278	37,701
Greater than 15 to 500 ppm sulfur	--	--	0	2,631	--	-126	--	-81	--	2,861	-275	1,052
Greater than 500 ppm sulfur	--	--	--	1,841	--	-288	--	-930	--	1,131	1,352	3,919
Residual Fuel Oil	--	--	--	3,441	1,636	621	--	-807	--	2,215	4,290	15,480
Less than 0.31 percent sulfur	--	--	--	889	--	139	--	-125	--	NA	NA	991
0.31 to 1.00 percent sulfur	--	--	--	856	362	107	--	-447	--	NA	NA	3,215
Greater than 1.00 percent sulfur	--	--	--	1,696	1,274	375	--	-235	--	NA	NA	11,274
Petrochemical Feedstocks	--	--	--	5,851	255	50	--	-114	--	778	5,492	2,268
Naphtha for Petro. Feed. Use	--	--	--	4,099	204	24	--	-63	--	--	4,390	1,586
Other Oils for Petro. Feed. Use	--	--	--	1,752	51	26	--	-51	--	778	1,102	682
Special Naphthas	--	--	--	999	494	-179	--	13	--	--	1,301	855
Lubricants	--	--	--	3,569	768	-467	--	-37	--	3,583	324	8,340
Waxes	--	--	--	128	--	--	--	12	--	18	98	245
Petroleum Coke	--	--	--	14,236	252	729	--	273	--	9,211	5,733	3,890
Marketable	--	--	--	11,193	252	729	--	273	--	9,211	2,690	3,890
Catalyst	--	--	--	3,043	--	--	--	--	--	--	3,043	--
Asphalt and Road Oil	--	--	--	1,835	--	336	--	222	--	379	1,570	4,455
Still Gas	--	--	--	9,947	--	--	--	--	--	--	9,947	--
Miscellaneous Products	--	--	--	1,656	--	-7	--	27	--	90	1,532	617
Total	413,407	0	5,119	236,083	52,229	-36,149	7,414	-5,382	218,061	273,688	191,736	1,003,714

-- = Not Applicable.
- = No Data Reported.
NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.
² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.
³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.
⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).
⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.
⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.
⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.
Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isoctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 7. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, December 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil⁶	297,027	8,884	--	--	44,940	41,901	9,498	-17,481	280,359	139,372	0	582,167
Hydrocarbon Gas Liquids	129,497	-5,323	-17	10,552	--	26,494	--	-20,690	15,824	68,720	97,348	150,347
Natural Gas Liquids	129,497	-5,323	-17	3,871	--	26,023	--	-20,131	15,824	68,720	89,638	149,658
Ethane	57,905	--	--	326	--	15,734	--	-6,363	--	7,019	73,309	57,488
Propane	38,215	--	--	4,943	--	9,377	--	-4,395	--	49,205	7,725	44,738
Normal Butane	10,075	--	--	-1,087	--	3,280	--	-7,625	6,456	12,240	1,197	25,665
Isobutane	9,851	--	--	-311	--	1,221	--	-1,236	4,548	42	7,407	7,562
Natural Gasoline	13,451	-5,323	-17	--	--	-3,588	--	-512	4,820	215	0	14,205
Refinery Olefins	--	--	--	6,681	--	471	--	-559	--	--	7,711	689
Ethylene	--	--	--	187	--	--	--	0	--	--	187	0
Propylene	--	--	--	6,852	--	471	--	-520	--	--	7,843	382
Normal Butylene	--	--	--	-360	--	--	--	-40	--	--	-320	305
Isobutylene	--	--	--	2	--	--	--	1	--	--	1	2
Other Liquids	--	-3,561	5,631	--	13,620	-58,496	-1,921	64	-62,531	14,767	2,973	132,122
Hydrogen/Biofuels/Other Hydrocarbons	--	--	5,631	--	274	5,659	3,731	330	9,116	2,867	2,981	6,474
Hydrogen	--	--	--	--	--	--	4,324	--	4,324	--	0	--
Biofuels (including Fuel Ethanol)	--	--	5,631	--	274	5,659	-593	330	4,792	2,867	2,981	6,474
Fuel Ethanol	--	--	749	--	--	7,092	-593	212	4,441	2,595	0	3,843
Biofuels (excluding Fuel Ethanol)	--	--	4,882	--	274	-1,433	--	118	351	273	2,981	2,631
Biodiesel	--	--	449	--	226	250	--	89	199	273	364	808
Renewable Diesel Fuel	--	--	3,950	--	--	-1,683	--	9	--	NA	2,257	1,665
Other Biofuels ⁷	--	--	483	--	48	--	--	19	152	NA	359	158
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-3,561	--	--	13,157	1,207	--	-3,388	4,793	9,398	0	45,197
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	189	-65,362	--	3,121	-76,447	2,501	0	80,421
Reformulated	--	--	--	--	--	-11,037	5,421	182	-5,819	21	0	10,601
Conventional	--	--	--	--	189	-54,325	-11,073	2,939	-70,628	2,480	0	69,820
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	1	7	--	-8	30
Finished Petroleum Products	--	--	0	241,574	2,929	-47,229	6,245	1,720	--	98,638	103,162	102,692
Finished Motor Gasoline	--	--	0	72,960	--	-1,235	6,245	1,125	--	29,936	46,909	8,821
Reformulated	--	--	--	13,723	--	--	-4,635	--	--	--	9,088	--
Conventional	--	--	0	59,237	--	-1,235	10,881	1,125	--	29,936	37,822	8,821
Finished Aviation Gasoline	--	--	--	340	--	-82	--	130	--	--	128	536
Kerosene-Type Jet Fuel	--	--	--	29,047	--	-17,207	--	257	--	7,081	4,502	13,382
Kerosene	--	--	--	417	--	-109	--	-213	--	25	496	710
Distillate Fuel Oil	--	--	0	95,494	44	-30,419	--	2,297	--	35,659	27,164	44,969
15 ppm sulfur and under	--	--	0	90,426	27	-30,001	--	1,922	--	31,599	26,931	39,623
Greater than 15 to 500 ppm sulfur	--	--	0	3,275	--	-133	--	88	--	2,684	370	1,140
Greater than 500 ppm sulfur	--	--	--	1,793	17	-285	--	287	--	1,375	-137	4,206
Residual Fuel Oil	--	--	--	4,052	969	898	--	-1,705	--	3,271	4,353	13,775
Less than 0.31 percent sulfur	--	--	--	900	--	85	--	-182	--	NA	NA	809
0.31 to 1.00 percent sulfur	--	--	--	1,159	13	256	--	337	--	NA	NA	3,552
Greater than 1.00 percent sulfur	--	--	--	1,993	956	557	--	-1,860	--	NA	NA	9,414
Petrochemical Feedstocks	--	--	--	5,900	180	67	--	-235	--	1,165	5,217	2,033
Naphtha for Petro. Feed. Use	--	--	--	3,877	156	67	--	-195	--	--	4,295	1,391
Other Oils for Petro. Feed. Use	--	--	--	2,023	24	--	--	-40	--	1,165	922	642
Special Naphthas	--	--	--	906	433	-15	--	37	--	--	1,287	892
Lubricants	--	--	--	4,059	1,171	-502	--	819	--	3,289	620	9,159
Waxes	--	--	--	137	4	--	--	39	--	25	77	284
Petroleum Coke	--	--	--	14,322	128	1,273	--	-1,165	--	17,786	-898	2,725
Marketable	--	--	--	11,079	128	1,273	--	-1,165	--	17,786	-4,141	2,725
Catalyst	--	--	--	3,243	--	--	--	--	--	--	3,243	--
Asphalt and Road Oil	--	--	--	1,777	--	121	--	425	--	310	1,163	4,880
Still Gas	--	--	--	10,506	--	--	--	--	--	--	10,506	--
Miscellaneous Products	--	--	--	1,657	--	-20	--	-91	--	90	1,638	526
Total	426,524	0	5,614	252,126	61,489	-37,330	13,822	-36,387	233,652	321,496	203,483	967,327

-- = Not Applicable.
 - = No Data Reported.
 NA = Not Available.
¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.
² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.
³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.
⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).
⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.
⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.
⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.
 Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.
 Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 8. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	9,225	261	--	--	1,281	864	259	405	8,161	3,324	0
Hydrocarbon Gas Liquids	3,787	-167	-1	308	--	607	--	-546	509	2,079	2,494
Natural Gas Liquids	3,787	-167	-1	127	--	594	--	-542	509	2,079	2,295
Ethane	1,692	--	--	3	--	449	--	-48	--	322	1,871
Propane	1,132	--	--	146	--	166	--	-126	--	1,327	244
Normal Butane	290	--	--	-19	--	113	--	-244	222	415	-8
Isobutane	297	--	--	-4	--	18	--	-19	137	4	189
Natural Gasoline	376	-167	-1	--	--	-153	--	-105	149	11	0
Refinery Olefins	--	--	--	182	--	13	--	-4	--	--	198
Ethylene	--	--	--	0	--	--	--	0	--	--	0
Propylene	--	--	--	184	--	13	--	-10	--	--	207
Normal Butylene	--	--	--	-3	--	--	--	6	--	--	-9
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-94	135	--	456	-1,866	6	238	-1,918	261	56
Hydrogen/Biofuels/Other Hydrocarbons	--	--	135	--	5	117	133	12	271	51	57
Hydrogen	--	--	--	--	--	--	119	--	119	--	0
Biofuels (including Fuel Ethanol)	--	--	135	--	5	117	14	12	152	51	57
Fuel Ethanol	--	--	23	--	--	150	14	0	138	49	0
Biofuels (excluding Fuel Ethanol)	--	--	112	--	5	-33	--	11	14	3	57
Biodiesel	--	--	16	--	5	8	--	5	6	3	16
Renewable Diesel Fuel	--	--	83	--	--	-41	--	8	--	NA	34
Other Biofuels ⁷	--	--	13	--	--	--	--	-2	8	NA	7
Other Hydrocarbons	--	--	--	--	0	--	--	--	--	--	0
Unfinished Oils	--	-94	--	--	418	32	--	-11	248	119	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	33	-2,015	-127	237	-2,438	91	0
Reformulated	--	--	--	--	--	-289	229	63	-124	1	0
Conventional	--	--	--	--	33	-1,726	-356	175	-2,314	91	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	0	1	--	0
Finished Petroleum Products	--	--	0	7,042	140	-1,418	113	251	--	2,467	3,158
Finished Motor Gasoline	--	--	0	2,083	--	-72	113	-52	--	804	1,371
Reformulated	--	--	--	433	--	--	-214	--	--	--	219
Conventional	--	--	0	1,650	--	-72	326	-52	--	804	1,152
Finished Aviation Gasoline	--	--	--	7	--	-5	--	1	--	--	0
Kerosene-Type Jet Fuel	--	--	--	860	--	-467	--	77	--	154	163
Kerosene	--	--	--	7	--	-10	--	-3	--	10	-10
Distillate Fuel Oil	--	--	0	2,721	10	-903	--	173	--	780	875
15 ppm sulfur and under	--	--	0	2,570	10	-888	--	169	--	666	856
Greater than 15 to 500 ppm sulfur	--	--	0	75	--	-3	--	-3	--	80	-4
Greater than 500 ppm sulfur	--	--	--	76	--	-13	--	7	--	34	23
Residual Fuel Oil	--	--	--	122	61	28	--	44	--	80	88
Less than 0.31 percent sulfur	--	--	--	36	2	2	--	-1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	36	12	5	--	34	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	50	47	22	--	11	--	NA	NA
Petrochemical Feedstocks	--	--	--	191	5	3	--	9	--	36	154
Naphtha for Petro. Feed. Use	--	--	--	127	2	3	--	7	--	--	124
Other Oils for Petro. Feed. Use	--	--	--	64	4	--	--	2	--	36	30
Special Naphthas	--	--	--	29	18	-1	--	1	--	--	44
Lubricants	--	--	--	125	30	-21	--	-9	--	74	68
Waxes	--	--	--	3	0	--	--	-1	--	0	4
Petroleum Coke	--	--	--	447	15	29	--	10	--	507	-27
Marketable	--	--	--	355	15	29	--	10	--	507	-118
Catalyst	--	--	--	92	--	--	--	--	--	--	92
Asphalt and Road Oil	--	--	--	66	--	2	--	-1	--	18	51
Still Gas	--	--	--	332	--	--	--	--	--	--	332
Miscellaneous Products	--	--	--	49	--	0	--	2	--	3	45
Total	13,013	0	134	7,350	1,877	-1,813	378	349	6,751	8,131	5,708

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 8. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, February 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	9,106	145	--	--	1,400	1,230	388	255	8,023	3,993	0
Hydrocarbon Gas Liquids	3,749	-104	0	330	0	909	--	-147	462	2,098	2,471
Natural Gas Liquids	3,749	-104	0	151	0	895	--	-147	462	2,098	2,276
Ethane	1,696	--	--	5	--	514	--	-24	--	331	1,908
Propane	1,113	--	--	152	--	333	--	-58	--	1,435	221
Normal Butane	293	--	--	4	0	118	--	-51	185	326	-46
Isobutane	282	--	--	-9	--	28	--	-32	136	4	193
Natural Gasoline	365	-104	0	--	--	-99	--	19	140	3	0
Refinery Olefins	--	--	--	179	--	15	--	0	--	--	194
Ethylene	--	--	--	--	--	--	--	0	--	--	0
Propylene	--	--	--	186	--	15	--	-4	--	--	205
Normal Butylene	--	--	--	-7	--	--	--	3	--	--	-10
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-41	125	--	501	-2,035	-35	-78	-1,730	256	67
Hydrogen/Biofuels/Other Hydrocarbons	--	--	125	--	9	162	96	11	266	48	68
Hydrogen	--	--	--	--	--	--	108	--	108	--	0
Biofuels (including Fuel Ethanol)	--	--	125	--	9	162	-12	11	158	48	68
Fuel Ethanol	--	--	21	--	--	189	-12	6	146	46	0
Biofuels (excluding Fuel Ethanol)	--	--	104	--	9	-26	--	5	12	1	68
Biodiesel	--	--	16	--	9	9	--	7	7	1	18
Renewable Diesel Fuel	--	--	76	--	--	-36	--	-6	--	NA	46
Other Biofuels ⁷	--	--	12	--	--	--	--	4	5	NA	3
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-41	--	--	437	27	--	-50	294	179	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	55	-2,224	-131	-39	-2,291	30	0
Reformulated	--	--	--	--	--	-339	232	-60	-48	2	0
Conventional	--	--	--	--	55	-1,885	-363	22	-2,243	28	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	0	1	--	-1
Finished Petroleum Products	--	--	0	6,986	142	-1,579	143	-119	--	2,362	3,448
Finished Motor Gasoline	--	--	0	2,149	0	-64	143	56	--	724	1,449
Reformulated	--	--	--	458	--	--	-201	--	--	--	258
Conventional	--	--	0	1,691	0	-64	343	56	--	724	1,191
Finished Aviation Gasoline	--	--	--	11	--	-4	--	2	--	--	5
Kerosene-Type Jet Fuel	--	--	--	817	--	-553	--	-47	--	136	174
Kerosene	--	--	--	6	--	-11	--	3	--	1	-8
Distillate Fuel Oil	--	--	0	2,687	--	-1,003	--	-114	--	854	943
15 ppm sulfur and under	--	--	0	2,479	--	-990	--	-112	--	706	895
Greater than 15 to 500 ppm sulfur	--	--	0	80	--	-2	--	1	--	82	-5
Greater than 500 ppm sulfur	--	--	--	128	--	-11	--	-2	--	66	53
Residual Fuel Oil	--	--	--	131	83	31	--	-21	--	104	161
Less than 0.31 percent sulfur	--	--	--	36	--	5	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	36	7	11	--	-15	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	59	75	15	--	-6	--	NA	NA
Petrochemical Feedstocks	--	--	--	173	8	2	--	3	--	42	138
Naphtha for Petro. Feed. Use	--	--	--	95	4	2	--	2	--	--	99
Other Oils for Petro. Feed. Use	--	--	--	78	4	--	--	1	--	42	39
Special Naphthas	--	--	--	29	5	-1	--	0	--	--	33
Lubricants	--	--	--	106	37	-21	--	-11	--	66	66
Waxes	--	--	--	4	--	--	--	-1	--	1	4
Petroleum Coke	--	--	--	431	9	40	--	6	--	419	55
Marketable	--	--	--	336	9	40	--	6	--	419	-40
Catalyst	--	--	--	95	--	--	--	--	--	--	95
Asphalt and Road Oil	--	--	--	70	--	5	--	4	--	14	57
Still Gas	--	--	--	322	--	--	--	--	--	--	322
Miscellaneous Products	--	--	--	50	--	0	--	0	--	1	49
Total	12,855	0	125	7,316	2,043	-1,474	496	-89	6,755	8,709	5,986

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 8. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, March 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	9,324	207	--	--	1,289	1,507	355	-58	8,429	4,311	0
Hydrocarbon Gas Liquids	3,920	-108	0	441	0	1,025	--	116	375	2,363	2,424
Natural Gas Liquids	3,920	-108	0	249	0	1,005	--	112	375	2,363	2,216
Ethane	1,783	--	--	9	--	585	--	64	--	385	1,927
Propane	1,156	--	--	153	--	361	--	-23	--	1,594	99
Normal Butane	296	--	--	95	0	146	--	18	105	376	38
Isobutane	301	--	--	-7	--	38	--	29	144	5	153
Natural Gasoline	385	-108	0	--	--	-124	--	24	125	3	0
Refinery Olefins	--	--	--	192	--	19	--	4	--	--	207
Ethylene	--	--	--	0	--	--	--	0	--	--	0
Propylene	--	--	--	202	--	19	--	13	--	--	208
Normal Butylene	--	--	--	-10	--	--	--	-9	--	--	-1
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-99	145	--	537	-1,940	124	-18	-1,640	355	71
Hydrogen/Biofuels/Other Hydrocarbons	--	--	145	--	9	144	103	9	267	54	71
Hydrogen	--	--	--	--	--	--	105	--	105	--	0
Biofuels (including Fuel Ethanol)	--	--	145	--	9	144	-2	9	162	54	71
Fuel Ethanol	--	--	21	--	--	178	-2	-9	152	53	0
Biofuels (excluding Fuel Ethanol)	--	--	124	--	9	-34	--	18	9	1	71
Biodiesel	--	--	15	--	7	9	--	3	7	1	21
Renewable Diesel Fuel	--	--	96	--	2	-43	--	17	--	NA	37
Other Biofuels ⁷	--	--	13	--	--	--	--	-1	3	NA	12
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-99	--	--	479	19	--	42	146	212	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	50	-2,103	21	-69	-2,052	89	0
Reformulated	--	--	--	--	9	-254	154	41	-133	1	0
Conventional	--	--	--	--	40	-1,849	-133	-111	-1,919	88	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	--	0	7,240	114	-1,395	-19	-116	--	2,573	3,483
Finished Motor Gasoline	--	--	0	2,244	--	-59	-19	-57	--	767	1,456
Reformulated	--	--	--	475	--	--	-122	--	--	--	353
Conventional	--	--	0	1,770	--	-59	103	-57	--	767	1,103
Finished Aviation Gasoline	--	--	--	4	--	-2	--	-3	--	--	5
Kerosene-Type Jet Fuel	--	--	--	873	--	-477	--	53	--	165	179
Kerosene	--	--	--	5	--	--	--	4	--	2	0
Distillate Fuel Oil	--	--	0	2,745	8	-897	--	-83	--	989	949
15 ppm sulfur and under	--	--	0	2,543	8	-888	--	-72	--	855	881
Greater than 15 to 500 ppm sulfur	--	--	0	99	--	-2	--	3	--	103	-9
Greater than 500 ppm sulfur	--	--	--	103	--	-7	--	-13	--	32	77
Residual Fuel Oil	--	--	--	140	43	27	--	-19	--	131	98
Less than 0.31 percent sulfur	--	--	--	36	--	3	--	-3	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	36	--	8	--	11	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	68	43	17	--	-27	--	NA	NA
Petrochemical Feedstocks	--	--	--	206	11	1	--	2	--	37	181
Naphtha for Petro. Feed. Use	--	--	--	122	8	--	--	1	--	--	129
Other Oils for Petro. Feed. Use	--	--	--	84	4	1	--	1	--	37	52
Special Naphthas	--	--	--	30	16	-1	--	-2	--	--	46
Lubricants	--	--	--	102	27	-27	--	-8	--	101	9
Waxes	--	--	--	4	1	--	--	-1	--	1	4
Petroleum Coke	--	--	--	434	9	44	--	-6	--	368	124
Marketable	--	--	--	334	9	44	--	-6	--	368	24
Catalyst	--	--	--	100	--	--	--	--	--	--	100
Asphalt and Road Oil	--	--	--	72	--	-4	--	9	--	11	48
Still Gas	--	--	--	332	--	--	--	--	--	--	332
Miscellaneous Products	--	--	--	49	--	0	--	-6	--	1	52
Total	13,244	0	145	7,682	1,941	-804	460	-76	7,164	9,602	5,978

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 8. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, April 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	9,161	195	--	--	1,232	1,275	394	-552	8,718	4,091	0
Hydrocarbon Gas Liquids	4,005	-160	-1	508	--	1,061	--	298	347	2,114	2,654
Natural Gas Liquids	4,005	-160	-1	304	--	1,040	--	305	347	2,114	2,422
Ethane	1,825	--	--	5	--	615	--	67	--	379	2,000
Propane	1,168	--	--	159	--	344	--	84	--	1,367	220
Normal Butane	300	--	--	149	--	154	--	144	54	362	43
Isobutane	307	--	--	-10	--	34	--	23	147	3	158
Natural Gasoline	404	-160	-1	--	--	-108	--	-13	146	3	0
Refinery Olefins	--	--	--	205	--	21	--	-6	--	--	232
Ethylene	--	--	--	0	--	--	--	0	--	--	0
Propylene	--	--	--	205	--	21	--	1	--	--	225
Normal Butylene	--	--	--	0	--	--	--	-8	--	--	7
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-35	148	--	573	-1,923	74	113	-1,700	330	93
Hydrogen/Biofuels/Other Hydrocarbons	--	--	148	--	12	160	121	-12	280	78	93
Hydrogen	--	--	--	--	--	--	121	--	121	--	0
Biofuels (including Fuel Ethanol)	--	--	148	--	12	160	0	-12	159	78	93
Fuel Ethanol	--	--	24	--	--	188	0	4	151	57	0
Biofuels (excluding Fuel Ethanol)	--	--	123	--	12	-29	--	-16	8	22	93
Biodiesel	--	--	11	--	12	9	--	-4	7	22	8
Renewable Diesel Fuel	--	--	100	--	--	-38	--	-11	--	NA	74
Other Biofuels ⁷	--	--	12	--	--	--	--	0	1	NA	12
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-35	--	--	493	-2	--	63	171	222	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	68	-2,081	-47	61	-2,151	30	0
Reformulated	--	--	--	--	--	-348	42	14	-322	2	0
Conventional	--	--	--	--	68	-1,732	-89	47	-1,829	28	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	1	0	--	0
Finished Petroleum Products	--	--	0	7,392	150	-1,517	47	137	--	2,337	3,600
Finished Motor Gasoline	--	--	0	2,204	2	-92	47	29	--	743	1,389
Reformulated	--	--	--	476	--	--	-2	--	--	--	474
Conventional	--	--	0	1,727	2	-92	49	29	--	743	914
Finished Aviation Gasoline	--	--	--	8	--	-2	--	0	--	--	6
Kerosene-Type Jet Fuel	--	--	--	858	--	-560	--	-3	--	110	191
Kerosene	--	--	--	6	--	--	--	-3	--	1	8
Distillate Fuel Oil	--	--	0	2,872	10	-901	--	68	--	900	1,013
15 ppm sulfur and under	--	--	0	2,679	10	-890	--	44	--	785	970
Greater than 15 to 500 ppm sulfur	--	--	0	123	--	-2	--	-3	--	79	44
Greater than 500 ppm sulfur	--	--	--	71	--	-8	--	27	--	37	-1
Residual Fuel Oil	--	--	--	162	56	27	--	44	--	95	106
Less than 0.31 percent sulfur	--	--	--	38	--	3	--	6	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	35	17	8	--	23	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	90	40	16	--	15	--	NA	NA
Petrochemical Feedstocks	--	--	--	217	13	4	--	-6	--	28	212
Naphtha for Petro. Feed. Use	--	--	--	113	9	3	--	-5	--	--	130
Other Oils for Petro. Feed. Use	--	--	--	104	4	1	--	-2	--	28	83
Special Naphthas	--	--	--	28	21	-1	--	2	--	--	45
Lubricants	--	--	--	122	44	-22	--	5	--	93	45
Waxes	--	--	--	4	0	--	--	0	--	1	3
Petroleum Coke	--	--	--	448	4	31	--	13	--	350	121
Marketable	--	--	--	347	4	31	--	13	--	350	20
Catalyst	--	--	--	102	--	--	--	--	--	--	102
Asphalt and Road Oil	--	--	--	64	--	-1	--	-13	--	15	62
Still Gas	--	--	--	349	--	--	--	--	--	--	349
Miscellaneous Products	--	--	--	51	--	0	--	0	--	2	48
Total	13,166	0	147	7,901	1,955	-1,104	515	-4	7,365	8,873	6,347

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 8. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, May 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	9,170	135	--	--	1,291	1,213	451	-397	8,919	3,737	0
Hydrocarbon Gas Liquids	3,915	-135	-1	535	--	975	--	372	347	1,923	2,646
Natural Gas Liquids	3,915	-135	-1	328	--	959	--	375	347	1,923	2,421
Ethane	1,738	--	--	4	--	589	--	-64	--	335	2,060
Propane	1,153	--	--	163	--	323	--	187	--	1,302	151
Normal Butane	300	--	--	157	--	135	--	206	37	280	69
Isobutane	305	--	--	4	--	29	--	45	146	6	141
Natural Gasoline	418	-135	-1	--	--	-117	--	0	165	2	0
Refinery Olefins	--	--	--	207	--	16	--	-3	--	--	226
Ethylene	--	--	--	--	--	--	--	0	--	--	0
Propylene	--	--	--	203	--	16	--	-8	--	--	227
Normal Butylene	--	--	--	4	--	--	--	5	--	--	-1
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	1	156	--	394	-2,019	105	-96	-1,771	398	106
Hydrogen/Biofuels/Other Hydrocarbons	--	--	156	--	10	157	127	-15	300	58	106
Hydrogen	--	--	--	--	--	--	137	--	137	--	0
Biofuels (including Fuel Ethanol)	--	--	156	--	10	157	-11	-15	162	58	106
Fuel Ethanol	--	--	22	--	--	183	-11	-11	154	51	0
Biofuels (excluding Fuel Ethanol)	--	--	134	--	10	-26	--	-4	8	8	106
Biodiesel	--	--	18	--	10	7	--	1	7	8	19
Renewable Diesel Fuel	--	--	103	--	--	-32	--	-3	--	NA	74
Other Biofuels ⁷	--	--	13	--	--	--	--	-2	1	NA	14
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	1	--	--	343	33	--	-34	151	259	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	41	-2,209	-22	-48	-2,221	80	0
Reformulated	--	--	--	--	--	-487	117	13	-384	2	0
Conventional	--	--	--	--	41	-1,722	-139	-61	-1,837	78	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	0	0	--	-1
Finished Petroleum Products	--	--	0	7,541	109	-1,550	33	90	--	2,561	3,481
Finished Motor Gasoline	--	--	0	2,197	10	-130	33	7	--	702	1,400
Reformulated	--	--	--	479	--	--	-90	--	--	--	390
Conventional	--	--	0	1,718	10	-130	122	7	--	702	1,010
Finished Aviation Gasoline	--	--	--	8	--	-3	--	-2	--	--	7
Kerosene-Type Jet Fuel	--	--	--	881	--	-558	--	32	--	112	179
Kerosene	--	--	--	8	--	--	--	1	--	0	7
Distillate Fuel Oil	--	--	0	2,964	--	-878	--	72	--	1,062	952
15 ppm sulfur and under	--	--	0	2,796	--	-865	--	77	--	895	959
Greater than 15 to 500 ppm sulfur	--	--	0	129	--	-3	--	11	--	125	-10
Greater than 500 ppm sulfur	--	--	--	39	--	-11	--	-16	--	42	3
Residual Fuel Oil	--	--	--	135	30	20	--	-15	--	110	89
Less than 0.31 percent sulfur	--	--	--	30	--	2	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	31	--	8	--	2	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	74	30	10	--	-16	--	NA	NA
Petrochemical Feedstocks	--	--	--	197	20	0	--	-4	--	16	206
Naphtha for Petro. Feed. Use	--	--	--	113	16	0	--	-3	--	--	132
Other Oils for Petro. Feed. Use	--	--	--	84	4	1	--	-1	--	16	74
Special Naphthas	--	--	--	27	14	0	--	1	--	--	39
Lubricants	--	--	--	136	35	-19	--	-10	--	98	64
Waxes	--	--	--	4	1	--	--	0	--	1	3
Petroleum Coke	--	--	--	485	--	19	--	13	--	452	39
Marketable	--	--	--	387	--	19	--	13	--	452	-59
Catalyst	--	--	--	98	--	--	--	--	--	--	98
Asphalt and Road Oil	--	--	--	73	--	-1	--	-12	--	7	77
Still Gas	--	--	--	368	--	--	--	--	--	--	368
Miscellaneous Products	--	--	--	58	--	0	--	4	--	3	51
Total	13,084	0	156	8,076	1,795	-1,382	588	-32	7,496	8,620	6,233

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 8. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, June 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	9,267	404	--	--	1,399	1,058	135	-350	8,821	3,792	0
Hydrocarbon Gas Liquids	3,913	-117	-1	510	--	1,011	--	426	355	1,902	2,633
Natural Gas Liquids	3,913	-117	-1	320	--	998	--	423	355	1,902	2,434
Ethane	1,694	--	--	4	--	566	--	-82	--	328	2,018
Propane	1,162	--	--	158	--	321	--	168	--	1,284	189
Normal Butane	309	--	--	166	--	172	--	256	58	285	47
Isobutane	304	--	--	-7	--	26	--	-2	142	2	179
Natural Gasoline	444	-117	-1	--	--	-86	--	83	155	3	0
Refinery Olefins	--	--	--	189	--	14	--	3	--	--	200
Ethylene	--	--	--	0	--	--	--	0	--	--	0
Propylene	--	--	--	199	--	14	--	3	--	--	210
Normal Butylene	--	--	--	-10	--	--	--	1	--	--	-10
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-288	158	--	517	-2,003	87	-105	-1,838	321	94
Hydrogen/Biofuels/Other Hydrocarbons	--	--	158	--	5	143	126	-17	298	57	94
Hydrogen	--	--	--	--	--	--	137	--	137	--	0
Biofuels (including Fuel Ethanol)	--	--	158	--	5	143	-11	-17	161	57	94
Fuel Ethanol	--	--	25	--	--	182	-11	-6	153	48	0
Biofuels (excluding Fuel Ethanol)	--	--	134	--	5	-39	--	-11	8	9	94
Biodiesel	--	--	17	--	5	7	--	-7	7	9	19
Renewable Diesel Fuel	--	--	103	--	--	-45	--	-5	--	NA	63
Other Biofuels ⁷	--	--	14	--	0	--	--	1	1	NA	11
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-288	--	--	478	10	--	-37	35	202	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	35	-2,156	-39	-51	-2,172	62	0
Reformulated	--	--	--	--	--	-524	126	9	-408	1	0
Conventional	--	--	--	--	35	-1,632	-165	-60	-1,763	62	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	0	1	--	0
Finished Petroleum Products	--	--	0	7,412	145	-1,565	50	-85	--	2,658	3,470
Finished Motor Gasoline	--	--	--	2,234	--	-86	50	24	--	683	1,491
Reformulated	--	--	--	478	--	--	-97	--	--	--	381
Conventional	--	--	--	1,756	--	-86	147	24	--	683	1,110
Finished Aviation Gasoline	--	--	--	6	--	-5	--	-3	--	--	4
Kerosene-Type Jet Fuel	--	--	--	906	--	-577	--	12	--	125	192
Kerosene	--	--	--	6	--	--	--	4	--	1	0
Distillate Fuel Oil	--	--	0	2,886	--	-901	--	-37	--	1,021	1,000
15 ppm sulfur and under	--	--	0	2,773	--	-889	--	-33	--	919	997
Greater than 15 to 500 ppm sulfur	--	--	0	76	--	-4	--	-6	--	60	18
Greater than 500 ppm sulfur	--	--	--	38	--	-8	--	2	--	42	-15
Residual Fuel Oil	--	--	--	89	59	17	--	-40	--	137	68
Less than 0.31 percent sulfur	--	--	--	10	--	3	--	-9	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	28	9	10	--	-24	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	51	51	4	--	-7	--	NA	NA
Petrochemical Feedstocks	--	--	--	188	12	-8	--	6	--	37	149
Naphtha for Petro. Feed. Use	--	--	--	96	8	-8	--	0	--	--	96
Other Oils for Petro. Feed. Use	--	--	--	92	4	--	--	6	--	37	53
Special Naphthas	--	--	--	20	19	-1	--	-5	--	--	43
Lubricants	--	--	--	114	34	-17	--	-11	--	89	53
Waxes	--	--	--	4	0	--	--	0	--	1	4
Petroleum Coke	--	--	--	473	20	20	--	-26	--	549	-10
Marketable	--	--	--	371	20	20	--	-26	--	549	-112
Catalyst	--	--	--	102	--	--	--	--	--	--	102
Asphalt and Road Oil	--	--	--	63	--	-6	--	-13	--	11	59
Still Gas	--	--	--	367	--	--	--	--	--	--	367
Miscellaneous Products	--	--	--	56	--	0	--	4	--	2	50
Total	13,180	0	158	7,922	2,061	-1,499	272	-114	7,338	8,673	6,197

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 8. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, July 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	9,381	349	--	--	1,481	1,310	288	-52	9,036	3,824	0
Hydrocarbon Gas Liquids	3,994	-160	-1	515	--	1,030	--	205	333	2,032	2,808
Natural Gas Liquids	3,994	-160	-1	322	--	1,012	--	202	333	2,032	2,600
Ethane	1,713	--	--	7	--	565	--	-106	--	351	2,040
Propane	1,187	--	--	155	--	361	--	51	--	1,375	277
Normal Butane	318	--	--	170	--	168	--	229	59	290	79
Isobutane	311	--	--	-11	--	29	--	-25	144	5	205
Natural Gasoline	465	-160	-1	--	--	-110	--	54	130	11	0
Refinery Olefins	--	--	--	193	--	17	--	3	--	--	208
Ethylene	--	--	--	0	--	--	--	0	--	--	0
Propylene	--	--	--	209	--	17	--	5	--	--	221
Normal Butylene	--	--	--	-16	--	--	--	-3	--	--	-13
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-188	143	--	469	-2,065	128	-4	-1,923	339	75
Hydrogen/Biofuels/Other Hydrocarbons	--	--	143	--	7	124	146	2	296	46	75
Hydrogen	--	--	--	--	--	--	135	--	135	--	0
Biofuels (including Fuel Ethanol)	--	--	143	--	7	124	10	2	161	46	75
Fuel Ethanol	--	--	24	--	--	157	10	0	151	41	0
Biofuels (excluding Fuel Ethanol)	--	--	119	--	7	-34	--	2	10	5	75
Biodiesel	--	--	16	--	5	7	--	-6	8	5	22
Renewable Diesel Fuel	--	--	92	--	--	-41	--	10	--	NA	41
Other Biofuels ⁷	--	--	10	--	2	--	--	-2	2	NA	12
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-188	--	--	427	20	--	26	26	207	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	35	-2,209	-18	-32	-2,246	86	0
Reformulated	--	--	--	--	--	-529	85	-14	-430	0	0
Conventional	--	--	--	--	35	-1,680	-103	-17	-1,816	86	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	0	1	--	-1
Finished Petroleum Products	--	--	0	7,545	112	-1,506	7	-69	--	2,933	3,295
Finished Motor Gasoline	--	--	0	2,221	--	-80	7	-55	--	840	1,363
Reformulated	--	--	--	464	--	--	-61	--	--	--	403
Conventional	--	--	0	1,757	--	-80	68	-55	--	840	959
Finished Aviation Gasoline	--	--	--	12	--	-3	--	1	--	--	7
Kerosene-Type Jet Fuel	--	--	--	898	1	-579	--	0	--	130	190
Kerosene	--	--	--	5	--	--	--	0	--	1	5
Distillate Fuel Oil	--	--	0	2,958	1	-857	--	62	--	1,133	907
15 ppm sulfur and under	--	--	0	2,835	1	-846	--	54	--	1,005	932
Greater than 15 to 500 ppm sulfur	--	--	0	80	--	-4	--	-6	--	100	-17
Greater than 500 ppm sulfur	--	--	--	43	--	-7	--	14	--	28	-7
Residual Fuel Oil	--	--	--	113	45	15	--	-67	--	142	97
Less than 0.31 percent sulfur	--	--	--	8	--	--	--	-15	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	30	--	10	--	-30	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	75	45	4	--	-22	--	NA	NA
Petrochemical Feedstocks	--	--	--	180	10	3	--	-3	--	17	180
Naphtha for Petro. Feed. Use	--	--	--	107	8	2	--	0	--	--	118
Other Oils for Petro. Feed. Use	--	--	--	72	2	1	--	-3	--	17	62
Special Naphthas	--	--	--	30	24	0	--	3	--	--	51
Lubricants	--	--	--	129	31	-18	--	-7	--	93	56
Waxes	--	--	--	4	1	--	--	0	--	1	4
Petroleum Coke	--	--	--	479	--	24	--	-8	--	569	-59
Marketable	--	--	--	374	--	24	--	-8	--	569	-164
Catalyst	--	--	--	105	--	--	--	--	--	--	105
Asphalt and Road Oil	--	--	--	81	--	-10	--	7	--	6	58
Still Gas	--	--	--	379	--	--	--	--	--	--	379
Miscellaneous Products	--	--	--	57	--	0	--	-1	--	1	57
Total	13,375	0	143	8,060	2,062	-1,231	423	81	7,446	9,128	6,177

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 8. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, August 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	9,429	444	--	--	1,458	1,291	181	-321	8,842	4,281	0
Hydrocarbon Gas Liquids	4,078	-220	-1	508	--	1,047	--	460	371	1,964	2,617
Natural Gas Liquids	4,078	-220	-1	321	--	1,033	--	468	371	1,964	2,409
Ethane	1,741	--	--	5	--	585	--	82	--	362	1,888
Propane	1,203	--	--	155	--	346	--	151	--	1,257	296
Normal Butane	342	--	--	170	--	147	--	216	61	332	50
Isobutane	297	--	--	-10	--	34	--	1	143	2	176
Natural Gasoline	494	-220	-1	--	--	-78	--	18	166	11	0
Refinery Olefins	--	--	--	187	--	13	--	-8	--	--	209
Ethylene	--	--	--	0	--	--	--	0	--	--	0
Propylene	--	--	--	199	--	13	--	-7	--	--	219
Normal Butylene	--	--	--	-12	--	--	--	-1	--	--	-11
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-224	162	--	446	-1,923	-4	-33	-1,929	323	97
Hydrogen/Biofuels/Other Hydrocarbons	--	--	162	--	14	138	121	4	300	33	98
Hydrogen	--	--	--	--	--	--	135	--	135	--	0
Biofuels (including Fuel Ethanol)	--	--	162	--	14	138	-14	4	165	33	98
Fuel Ethanol	--	--	23	--	--	178	-14	0	156	31	0
Biofuels (excluding Fuel Ethanol)	--	--	139	--	14	-40	--	3	9	3	98
Biodiesel	--	--	17	--	14	4	--	3	7	3	22
Renewable Diesel Fuel	--	--	110	--	--	-44	--	-2	1	NA	67
Other Biofuels ⁷	--	--	12	--	--	--	--	2	2	NA	9
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-224	--	--	349	15	--	-43	-31	215	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	82	-2,076	-124	7	-2,199	74	0
Reformulated	--	--	--	--	--	-460	164	-62	-234	0	0
Conventional	--	--	--	--	82	-1,616	-288	69	-1,965	74	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	0	1	--	-1
Finished Petroleum Products	--	--	0	7,373	96	-1,388	138	-104	--	2,637	3,686
Finished Motor Gasoline	--	--	0	2,156	8	-44	138	0	--	707	1,553
Reformulated	--	--	--	491	--	--	-111	--	--	--	380
Conventional	--	--	0	1,666	8	-44	249	0	--	707	1,173
Finished Aviation Gasoline	--	--	--	11	--	-4	--	0	--	--	7
Kerosene-Type Jet Fuel	--	--	--	899	--	-501	--	-21	--	176	243
Kerosene	--	--	--	5	--	--	--	6	--	11	-11
Distillate Fuel Oil	--	--	0	2,883	1	-849	--	-45	--	1,090	990
15 ppm sulfur and under	--	--	0	2,742	1	-838	--	-36	--	948	993
Greater than 15 to 500 ppm sulfur	--	--	0	96	--	-7	--	-2	--	105	-14
Greater than 500 ppm sulfur	--	--	--	45	--	-4	--	-7	--	38	11
Residual Fuel Oil	--	--	--	110	38	14	--	-38	--	86	114
Less than 0.31 percent sulfur	--	--	--	12	--	--	--	1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	33	14	8	--	-22	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	65	24	6	--	-18	--	NA	NA
Petrochemical Feedstocks	--	--	--	179	9	2	--	7	--	41	141
Naphtha for Petro. Feed. Use	--	--	--	110	6	2	--	3	--	--	115
Other Oils for Petro. Feed. Use	--	--	--	68	3	0	--	4	--	41	26
Special Naphthas	--	--	--	32	9	0	--	0	--	--	40
Lubricants	--	--	--	128	25	-16	--	10	--	83	43
Waxes	--	--	--	4	0	--	--	0	--	1	4
Petroleum Coke	--	--	--	471	6	17	--	-11	--	425	81
Marketable	--	--	--	369	6	17	--	-11	--	425	-22
Catalyst	--	--	--	103	--	--	--	--	--	--	103
Asphalt and Road Oil	--	--	--	71	--	-7	--	-16	--	16	63
Still Gas	--	--	--	370	--	--	--	--	--	--	370
Miscellaneous Products	--	--	--	53	--	0	--	4	--	1	48
Total	13,506	0	162	7,881	2,000	-973	315	2	7,284	9,206	6,400

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 8. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, September 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	9,504	417	--	--	1,468	1,543	63	237	8,787	3,971	0
Hydrocarbon Gas Liquids	4,180	-204	0	423	--	1,056	--	309	446	2,175	2,524
Natural Gas Liquids	4,180	-204	0	243	--	1,036	--	311	446	2,175	2,322
Ethane	1,828	--	--	6	--	636	--	226	--	364	1,880
Propane	1,214	--	--	151	--	323	--	97	--	1,411	179
Normal Butane	333	--	--	98	--	142	--	-21	141	398	55
Isobutane	320	--	--	-12	--	20	--	-11	131	0	208
Natural Gasoline	484	-204	0	--	--	-85	--	19	174	2	0
Refinery Olefins	--	--	--	180	--	20	--	-2	--	--	202
Ethylene	--	--	--	0	--	--	--	0	--	--	0
Propylene	--	--	--	192	--	20	--	1	--	--	212
Normal Butylene	--	--	--	-12	--	--	--	-2	--	--	-10
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-213	177	--	401	-1,984	169	190	-2,080	351	89
Hydrogen/Biofuels/Other Hydrocarbons	--	--	177	--	13	94	151	-3	299	50	112
Hydrogen	--	--	--	--	--	--	138	--	138	--	0
Biofuels (including Fuel Ethanol)	--	--	177	--	13	94	13	-3	161	50	90
Fuel Ethanol	--	--	25	--	--	155	13	-8	152	49	0
Biofuels (excluding Fuel Ethanol)	--	--	153	--	13	-61	--	5	9	1	90
Biodiesel	--	--	18	--	13	6	--	-1	7	1	31
Renewable Diesel Fuel	--	--	121	--	--	-67	--	7	--	NA	46
Other Biofuels ⁷	--	--	14	--	--	0	--	-1	2	NA	13
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-213	--	--	348	10	--	81	-183	248	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	39	-2,088	18	112	-2,196	53	0
Reformulated	--	--	--	--	--	-310	192	29	-146	0	0
Conventional	--	--	--	--	39	-1,778	-174	83	-2,050	53	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	0	1	--	-1
Finished Petroleum Products	--	--	0	7,349	122	-1,374	-31	139	--	2,323	3,605
Finished Motor Gasoline	--	--	0	2,223	7	-55	-31	8	--	730	1,406
Reformulated	--	--	--	475	--	--	-146	--	--	--	329
Conventional	--	--	0	1,748	7	-55	116	8	--	730	1,077
Finished Aviation Gasoline	--	--	--	10	--	-4	--	2	--	--	4
Kerosene-Type Jet Fuel	--	--	--	905	--	-529	--	38	--	111	227
Kerosene	--	--	--	12	--	-6	--	-1	--	1	7
Distillate Fuel Oil	--	--	0	2,799	--	-810	--	83	--	945	961
15 ppm sulfur and under	--	--	0	2,649	--	-799	--	80	--	806	964
Greater than 15 to 500 ppm sulfur	--	--	0	85	--	-5	--	5	--	83	-7
Greater than 500 ppm sulfur	--	--	--	65	--	-7	--	-2	--	56	4
Residual Fuel Oil	--	--	--	119	62	8	--	25	--	74	90
Less than 0.31 percent sulfur	--	--	--	27	13	--	--	-3	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	31	26	5	--	8	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	62	23	3	--	19	--	NA	NA
Petrochemical Feedstocks	--	--	--	175	3	3	--	-2	--	26	158
Naphtha for Petro. Feed. Use	--	--	--	126	1	1	--	-2	--	--	130
Other Oils for Petro. Feed. Use	--	--	--	49	2	2	--	0	--	26	28
Special Naphthas	--	--	--	28	17	-1	--	2	--	--	43
Lubricants	--	--	--	119	26	-12	--	-9	--	101	42
Waxes	--	--	--	3	0	--	--	-1	--	1	4
Petroleum Coke	--	--	--	476	7	35	--	20	--	316	181
Marketable	--	--	--	375	7	35	--	20	--	316	80
Catalyst	--	--	--	102	--	--	--	--	--	--	102
Asphalt and Road Oil	--	--	--	67	--	-3	--	-17	--	17	64
Still Gas	--	--	--	360	--	--	--	--	--	--	360
Miscellaneous Products	--	--	--	53	--	0	--	-8	--	1	59
Total	13,684	0	177	7,773	1,990	-759	201	874	7,153	8,820	6,218

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 8. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, October 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	9,474	459	--	--	1,173	1,612	-137	196	8,367	4,018	0
Hydrocarbon Gas Liquids	4,200	-188	0	359	--	1,013	--	-54	479	2,277	2,681
Natural Gas Liquids	4,200	-188	0	188	--	997	--	-71	479	2,277	2,511
Ethane	1,873	--	--	15	--	634	--	261	--	336	1,925
Propane	1,226	--	--	153	--	332	--	-108	--	1,511	308
Normal Butane	327	--	--	25	--	113	--	-197	176	421	64
Isobutane	315	--	--	-5	--	35	--	-19	146	4	214
Natural Gasoline	459	-188	0	--	--	-117	--	-9	157	5	0
Refinery Olefins	--	--	--	171	--	16	--	17	--	--	170
Ethylene	--	--	--	4	--	--	--	0	--	--	4
Propylene	--	--	--	186	--	16	--	4	--	--	198
Normal Butylene	--	--	--	-19	--	--	--	13	--	--	-32
Isobutylene	--	--	--	0	--	--	--	0	--	--	0
Other Liquids	--	-271	159	--	409	-1,987	53	-38	-1,935	270	67
Hydrogen/Biofuels/Other Hydrocarbons	--	--	159	--	7	112	122	-14	296	50	67
Hydrogen	--	--	--	--	--	--	133	--	133	--	0
Biofuels (including Fuel Ethanol)	--	--	159	--	7	112	-11	-14	163	50	67
Fuel Ethanol	--	--	20	--	--	173	-11	-11	153	41	0
Biofuels (excluding Fuel Ethanol)	--	--	139	--	7	-62	--	-2	10	9	67
Biodiesel	--	--	16	--	7	4	--	-2	7	9	12
Renewable Diesel Fuel	--	--	108	--	--	-65	--	-3	--	NA	45
Other Biofuels ⁷	--	--	15	--	--	0	--	2	3	NA	10
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-271	--	--	375	30	--	50	-86	170	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	27	-2,128	-69	-75	-2,146	50	0
Reformulated	--	--	--	--	--	-367	186	-31	-151	1	0
Conventional	--	--	--	--	27	-1,761	-255	-43	-1,995	49	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	--	0	7,156	125	-1,514	80	-122	--	2,447	3,521
Finished Motor Gasoline	--	--	0	2,193	9	-45	80	8	--	788	1,441
Reformulated	--	--	--	484	--	--	-149	--	--	--	335
Conventional	--	--	0	1,709	9	-45	229	8	--	788	1,106
Finished Aviation Gasoline	--	--	--	13	--	-2	--	0	--	--	11
Kerosene-Type Jet Fuel	--	--	--	855	--	-619	--	-70	--	122	184
Kerosene	--	--	--	7	--	--	--	-5	--	10	1
Distillate Fuel Oil	--	--	0	2,759	1	-882	--	-74	--	917	1,036
15 ppm sulfur and under	--	--	0	2,585	1	-873	--	-69	--	756	1,026
Greater than 15 to 500 ppm sulfur	--	--	0	93	--	-3	--	0	--	95	-5
Greater than 500 ppm sulfur	--	--	--	82	--	-6	--	-5	--	66	15
Residual Fuel Oil	--	--	--	126	54	23	--	9	--	96	98
Less than 0.31 percent sulfur	--	--	--	28	--	2	--	8	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	30	13	5	--	-5	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	68	40	16	--	6	--	NA	NA
Petrochemical Feedstocks	--	--	--	167	1	1	--	7	--	42	121
Naphtha for Petro. Feed. Use	--	--	--	105	--	1	--	5	--	--	101
Other Oils for Petro. Feed. Use	--	--	--	62	1	--	--	1	--	42	20
Special Naphthas	--	--	--	30	26	-1	--	-1	--	--	56
Lubricants	--	--	--	118	30	-16	--	-6	--	83	55
Waxes	--	--	--	4	0	--	--	0	--	1	4
Petroleum Coke	--	--	--	432	4	20	--	13	--	373	70
Marketable	--	--	--	340	4	20	--	13	--	373	-23
Catalyst	--	--	--	93	--	--	--	--	--	--	93
Asphalt and Road Oil	--	--	--	77	--	6	--	-3	--	14	72
Still Gas	--	--	--	319	--	--	--	--	--	--	319
Miscellaneous Products	--	--	--	53	--	0	--	0	--	1	53
Total	13,674	0	159	7,515	1,707	-876	-4	-18	6,911	9,012	6,269

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 8. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, November 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	9,554	364	--	--	1,234	1,421	110	148	8,724	3,811	0
Hydrocarbon Gas Liquids	4,226	-216	-1	327	--	955	--	-401	522	2,359	2,812
Natural Gas Liquids	4,226	-216	-1	113	--	937	--	-397	522	2,359	2,577
Ethane	1,893	--	--	11	--	609	--	229	--	304	1,979
Propane	1,244	--	--	146	--	306	--	-222	--	1,631	286
Normal Butane	326	--	--	-31	--	106	--	-349	216	417	116
Isobutane	318	--	--	-13	--	31	--	-9	147	2	196
Natural Gasoline	447	-216	-1	--	--	-113	--	-46	159	5	0
Refinery Olefins	--	--	--	214	--	18	--	-4	--	--	236
Ethylene	--	--	--	6	--	--	--	0	--	--	6
Propylene	--	--	--	223	--	18	--	4	--	--	237
Normal Butylene	--	--	--	-16	--	--	--	-8	--	--	-8
Isobutylene	--	--	--	0	--	--	--	0	--	--	0
Other Liquids	--	-149	171	--	393	-1,970	20	-19	-1,977	402	60
Hydrogen/Biofuels/Other Hydrocarbons	--	--	171	--	11	127	140	27	299	62	60
Hydrogen	--	--	--	--	--	--	137	--	137	--	0
Biofuels (including Fuel Ethanol)	--	--	171	--	11	127	2	27	161	62	60
Fuel Ethanol	--	--	24	--	--	186	2	8	150	54	0
Biofuels (excluding Fuel Ethanol)	--	--	147	--	11	-59	--	19	11	8	60
Biodiesel	--	--	16	--	11	9	--	2	7	8	19
Renewable Diesel Fuel	--	--	118	--	--	-68	--	18	--	NA	32
Other Biofuels ⁷	--	--	13	--	--	0	--	-1	5	NA	10
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-149	--	--	353	57	--	-62	127	196	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	30	-2,154	-119	15	-2,403	144	0
Reformulated	--	--	--	--	6	-347	248	43	-136	1	0
Conventional	--	--	--	--	23	-1,808	-368	-27	-2,267	142	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	--	0	7,543	114	-1,611	117	93	--	2,551	3,519
Finished Motor Gasoline	--	--	0	2,249	--	-75	117	37	--	855	1,400
Reformulated	--	--	--	481	--	--	-224	--	--	--	257
Conventional	--	--	0	1,769	--	-75	341	37	--	855	1,143
Finished Aviation Gasoline	--	--	--	7	--	-11	--	-4	--	--	-1
Kerosene-Type Jet Fuel	--	--	--	890	--	-596	--	41	--	148	105
Kerosene	--	--	--	11	--	-4	--	11	--	2	-6
Distillate Fuel Oil	--	--	0	2,997	--	-962	--	20	--	1,003	1,012
15 ppm sulfur and under	--	--	0	2,848	--	-948	--	54	--	870	976
Greater than 15 to 500 ppm sulfur	--	--	0	88	--	-4	--	-3	--	95	-9
Greater than 500 ppm sulfur	--	--	--	61	--	-10	--	-31	--	38	45
Residual Fuel Oil	--	--	--	115	55	21	--	-27	--	74	143
Less than 0.31 percent sulfur	--	--	--	30	--	5	--	-4	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	29	12	4	--	-15	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	57	42	13	--	-8	--	NA	NA
Petrochemical Feedstocks	--	--	--	195	9	2	--	-4	--	26	183
Naphtha for Petro. Feed. Use	--	--	--	137	7	1	--	-2	--	--	146
Other Oils for Petro. Feed. Use	--	--	--	58	2	1	--	-2	--	26	37
Special Naphthas	--	--	--	33	16	-6	--	0	--	--	43
Lubricants	--	--	--	119	26	-16	--	-1	--	119	11
Waxes	--	--	--	4	--	--	--	0	--	1	3
Petroleum Coke	--	--	--	475	8	24	--	9	--	307	191
Marketable	--	--	--	373	8	24	--	9	--	307	90
Catalyst	--	--	--	101	--	--	--	--	--	--	101
Asphalt and Road Oil	--	--	--	61	--	11	--	7	--	13	52
Still Gas	--	--	--	332	--	--	--	--	--	--	332
Miscellaneous Products	--	--	--	55	--	0	--	1	--	3	51
Total	13,780	0	171	7,869	1,741	-1,205	247	-179	7,269	9,123	6,391

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 8. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, December 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	9,582	287	--	--	1,450	1,352	306	-564	9,044	4,496	0
Hydrocarbon Gas Liquids	4,177	-172	-1	340	--	855	--	-667	510	2,217	3,140
Natural Gas Liquids	4,177	-172	-1	125	--	839	--	-649	510	2,217	2,892
Ethane	1,868	--	--	11	--	508	--	-205	--	226	2,365
Propane	1,233	--	--	159	--	302	--	-142	--	1,587	249
Normal Butane	325	--	--	-35	--	106	--	-246	208	395	39
Isobutane	318	--	--	-10	--	39	--	-40	147	1	239
Natural Gasoline	434	-172	-1	--	--	-116	--	-17	155	7	0
Refinery Olefins	--	--	--	216	--	15	--	-18	--	--	249
Ethylene	--	--	--	6	--	--	--	0	--	--	6
Propylene	--	--	--	221	--	15	--	-17	--	--	253
Normal Butylene	--	--	--	-12	--	--	--	-1	--	--	-10
Isobutylene	--	--	--	0	--	--	--	0	--	--	0
Other Liquids	--	-115	182	--	439	-1,887	-62	2	-2,017	476	96
Hydrogen/Biofuels/Other Hydrocarbons	--	--	182	--	9	183	120	11	294	92	96
Hydrogen	--	--	--	--	--	--	139	--	139	--	0
Biofuels (including Fuel Ethanol)	--	--	182	--	9	183	-19	11	155	92	96
Fuel Ethanol	--	--	24	--	--	229	-19	7	143	84	0
Biofuels (excluding Fuel Ethanol)	--	--	157	--	9	-46	--	4	11	9	96
Biodiesel	--	--	14	--	7	8	--	3	6	9	12
Renewable Diesel Fuel	--	--	127	--	--	-54	--	0	--	NA	73
Other Biofuels ⁷	--	--	16	--	2	--	--	1	5	NA	12
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-115	--	--	424	39	--	-109	155	303	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	6	-2,108	-182	101	-2,466	81	0
Reformulated	--	--	--	--	--	-356	175	6	-188	1	0
Conventional	--	--	--	--	6	-1,752	-357	95	-2,278	80	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	--	0	7,793	94	-1,524	201	55	--	3,182	3,328
Finished Motor Gasoline	--	--	0	2,354	--	-40	201	36	--	966	1,513
Reformulated	--	--	--	443	--	--	-150	--	--	--	293
Conventional	--	--	0	1,911	--	-40	351	36	--	966	1,220
Finished Aviation Gasoline	--	--	--	11	--	-3	--	4	--	--	4
Kerosene-Type Jet Fuel	--	--	--	937	--	-555	--	8	--	228	145
Kerosene	--	--	--	13	--	-4	--	-7	--	1	16
Distillate Fuel Oil	--	--	0	3,080	1	-981	--	74	--	1,150	876
15 ppm sulfur and under	--	--	0	2,917	1	-968	--	62	--	1,019	869
Greater than 15 to 500 ppm sulfur	--	--	0	106	--	-4	--	3	--	87	12
Greater than 500 ppm sulfur	--	--	--	58	1	-9	--	9	--	44	-4
Residual Fuel Oil	--	--	--	131	31	29	--	-55	--	106	140
Less than 0.31 percent sulfur	--	--	--	29	--	3	--	-6	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	37	0	8	--	11	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	64	31	18	--	-60	--	NA	NA
Petrochemical Feedstocks	--	--	--	190	6	2	--	-8	--	38	168
Naphtha for Petro. Feed. Use	--	--	--	125	5	2	--	-6	--	--	139
Other Oils for Petro. Feed. Use	--	--	--	65	1	--	--	-1	--	38	30
Special Naphthas	--	--	--	29	14	0	--	1	--	--	42
Lubricants	--	--	--	131	38	-16	--	26	--	106	20
Waxes	--	--	--	4	0	--	--	1	--	1	2
Petroleum Coke	--	--	--	462	4	41	--	-38	--	574	-29
Marketable	--	--	--	357	4	41	--	-38	--	574	-134
Catalyst	--	--	--	105	--	--	--	--	--	--	105
Asphalt and Road Oil	--	--	--	57	--	4	--	14	--	10	38
Still Gas	--	--	--	339	--	--	--	--	--	--	339
Miscellaneous Products	--	--	--	53	--	-1	--	-3	--	3	53
Total	13,759	0	181	8,133	1,984	-1,204	446	-1,174	7,537	10,371	6,564

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	26,736	555	--	--	12,786	-22,524	-3,387	-487	14,653	--	0	23,934
Hydrocarbon Gas Liquids	14,522	-375	-8	-11	1,102	-13,701	--	-675	568	9	1,627	5,442
Natural Gas Liquids	14,522	-375	-8	21	1,101	-13,701	--	-702	568	9	1,685	5,337
Ethane	4,051	--	--	--	--	-4,181	--	-122	--	0	-8	914
Propane	5,139	--	--	167	1,010	-4,844	--	-354	--	1	1,825	2,041
Normal Butane	2,087	--	--	-137	89	-2,139	--	-382	273	--	9	1,029
Isobutane	921	--	--	-9	--	-869	--	50	134	--	-141	475
Natural Gasoline	2,324	-375	-8	--	2	-1,668	--	106	161	8	0	878
Refinery Olefins	--	--	--	-32	1	--	--	27	--	--	-58	105
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	-9	1	--	--	-7	--	--	-1	3
Normal Butylene	--	--	--	-23	--	--	--	34	--	--	-57	102
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-180	732	--	163	906	465	-24	2,022	14	74	9,873
Hydrogen/Biofuels/Other Hydrocarbons	--	--	732	--	12	242	223	106	1,017	12	74	728
Hydrogen	--	--	--	--	--	--	172	--	172	--	0	--
Biofuels (including Fuel Ethanol)	--	--	732	--	12	242	51	106	845	12	74	728
Fuel Ethanol	--	--	311	--	--	483	51	27	805	12	0	411
Biofuels (excluding Fuel Ethanol)	--	--	421	--	12	-241	--	79	40	--	74	317
Biodiesel	--	--	--	--	12	14	--	1	16	--	9	15
Renewable Diesel Fuel	--	--	363	--	--	-254	--	59	--	NA	50	266
Other Biofuels ⁶	--	--	58	--	--	--	--	19	24	NA	16	36
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-180	--	--	--	--	--	87	-267	0	0	3,082
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	151	664	242	-217	1,272	2	0	6,063
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	151	664	242	-217	1,272	2	0	6,063
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	18,041	70	292	-293	511	--	19	17,579	8,313
Finished Motor Gasoline	--	--	--	9,640	--	-299	-293	187	--	1	8,860	1,324
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	9,640	--	-299	-293	187	--	1	8,860	1,324
Finished Aviation Gasoline	--	--	--	3	--	--	--	0	--	--	3	9
Kerosene-Type Jet Fuel	--	--	--	635	10	1,054	--	-130	--	--	1,829	625
Kerosene	--	--	--	--	--	--	--	-1	--	--	1	1
Distillate Fuel Oil	--	--	0	5,304	--	193	--	252	--	0	5,244	3,957
15 ppm sulfur and under	--	--	0	5,212	--	193	--	242	--	0	5,162	3,751
Greater than 15 to 500 ppm sulfur	--	--	--	81	--	--	--	-1	--	--	82	147
Greater than 500 ppm sulfur	--	--	--	11	--	--	--	11	--	--	0	59
Residual Fuel Oil	--	--	--	295	--	--	--	8	--	--	287	218
Less than 0.31 percent sulfur	--	--	--	175	--	--	--	1	--	NA	NA	27
0.31 to 1.00 percent sulfur	--	--	--	12	--	--	--	1	--	NA	NA	5
Greater than 1.00 percent sulfur	--	--	--	108	--	--	--	6	--	NA	NA	186
Petrochemical Feedstocks	--	--	--	56	--	--	--	--	--	--	56	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	56	--	--	--	--	--	--	56	--
Special Naphthas	--	--	--	--	1	--	--	--	--	--	1	--
Lubricants	--	--	--	--	--	--	--	--	--	16	-16	--
Waxes	--	--	--	--	--	--	--	--	--	--	--	--
Petroleum Coke	--	--	--	719	--	-243	--	34	--	0	442	131
Marketable	--	--	--	536	--	-243	--	34	--	0	259	131
Catalyst	--	--	--	183	--	--	--	--	--	--	183	--
Asphalt and Road Oil	--	--	--	709	59	-413	--	163	--	3	189	2,034
Still Gas	--	--	--	627	--	--	--	--	--	--	627	--
Miscellaneous Products	--	--	--	53	--	--	--	-2	--	--	55	14
Total	41,258	0	723	18,030	14,121	-35,027	-3,215	-675	17,243	42	19,280	47,562

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, February 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	23,913	479	--	--	12,228	-20,268	-1,064	803	14,484	--	0	24,737
Hydrocarbon Gas Liquids	13,730	-409	-7	113	893	-12,137	--	-127	520	9	1,781	5,315
Natural Gas Liquids	13,730	-409	-7	88	893	-12,137	--	-73	520	9	1,702	5,264
Ethane	4,026	--	--	--	--	-3,782	--	175	--	0	69	1,089
Propane	4,892	--	--	156	882	-4,214	--	-112	--	0	1,827	1,929
Normal Butane	1,892	--	--	-20	9	-1,792	--	-30	212	--	-93	999
Isobutane	853	--	--	-48	--	-804	--	-27	129	--	-101	448
Natural Gasoline	2,067	-409	-7	--	2	-1,545	--	-79	179	8	0	799
Refinery Olefins	--	--	--	25	--	--	--	-54	--	--	79	51
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	3	--	--	--	-1	--	--	4	2
Normal Butylene	--	--	--	22	--	--	--	-53	--	--	75	49
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-70	711	--	108	860	385	624	1,173	39	158	10,498
Hydrogen/Biofuels/Other Hydrocarbons	--	--	711	--	8	111	286	-38	957	39	158	691
Hydrogen	--	--	--	--	--	--	179	--	179	--	0	--
Biofuels (including Fuel Ethanol)	--	--	711	--	8	111	107	-38	778	39	158	691
Fuel Ethanol	--	--	274	--	--	400	107	8	735	39	0	419
Biofuels (excluding Fuel Ethanol)	--	--	437	--	8	-289	--	-45	43	--	158	272
Biodiesel	--	--	--	--	8	18	--	0	14	--	12	15
Renewable Diesel Fuel	--	--	354	--	--	-307	--	-46	--	NA	93	220
Other Biofuels ⁶	--	--	83	--	--	--	--	1	29	NA	53	37
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-70	--	--	--	--	--	269	-339	--	0	3,351
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	100	749	99	393	555	--	0	6,456
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	100	749	99	393	555	--	0	6,456
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	-1	16,739	192	199	-206	844	--	19	16,060	9,157
Finished Motor Gasoline	--	--	--	8,650	--	-194	-206	-114	--	0	8,364	1,210
Reformulated	--	--	--	--	--	--	--	--	--	--	-1	--
Conventional	--	--	--	8,650	--	-194	-206	-114	--	0	8,364	1,210
Finished Aviation Gasoline	--	--	--	3	--	--	--	-1	--	--	4	8
Kerosene-Type Jet Fuel	--	--	--	780	44	787	--	130	--	--	1,481	755
Kerosene	--	--	--	--	--	--	--	0	--	--	0	1
Distillate Fuel Oil	--	--	-1	4,953	36	79	--	543	--	--	4,524	4,500
15 ppm sulfur and under	--	--	-1	4,963	36	79	--	507	--	--	4,570	4,258
Greater than 15 to 500 ppm sulfur	--	--	--	-7	--	--	--	38	--	--	-45	185
Greater than 500 ppm sulfur	--	--	--	-3	--	--	--	-2	--	--	-1	57
Residual Fuel Oil	--	--	--	333	11	--	--	40	--	--	304	258
Less than 0.31 percent sulfur	--	--	--	155	0	--	--	-1	--	NA	NA	26
0.31 to 1.00 percent sulfur	--	--	--	25	--	--	--	1	--	NA	NA	6
Greater than 1.00 percent sulfur	--	--	--	153	11	--	--	40	--	NA	NA	226
Petrochemical Feedstocks	--	--	--	55	--	--	--	--	--	--	55	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	55	--	--	--	--	--	--	55	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	17	-17	--
Waxes	--	--	--	--	--	--	--	--	--	1	-1	--
Petroleum Coke	--	--	--	675	--	-218	--	-19	--	--	476	112
Marketable	--	--	--	463	--	-218	--	-19	--	--	264	112
Catalyst	--	--	--	212	--	--	--	--	--	--	212	--
Asphalt and Road Oil	--	--	--	675	101	-255	--	266	--	1	254	2,300
Still Gas	--	--	--	565	--	--	--	--	--	--	565	--
Miscellaneous Products	--	--	--	50	--	--	--	-1	--	--	51	13
Total	37,643	0	704	16,852	13,421	-31,346	-885	2,144	16,177	67	18,000	49,707

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, March 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	27,734	639	--	--	11,717	-20,192	-2,115	1,019	16,763	--	0	25,756
Hydrocarbon Gas Liquids	16,251	-465	-8	313	812	-14,618	--	118	541	8	1,619	5,433
Natural Gas Liquids	16,251	-465	-8	194	812	-14,618	--	78	541	8	1,540	5,342
Ethane	4,994	--	--	--	--	-4,909	--	68	--	--	17	1,157
Propane	5,664	--	--	195	811	-4,988	--	-107	--	2	1,788	1,822
Normal Butane	2,215	--	--	-8	1	-2,013	--	160	190	0	-155	1,159
Isobutane	983	--	--	7	--	-940	--	-16	176	--	-110	432
Natural Gasoline	2,395	-465	-8	--	--	-1,768	--	-27	175	6	0	772
Refinery Olefins	--	--	--	119	--	--	--	40	--	--	79	91
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	51	--	--	--	1	--	--	50	3
Normal Butylene	--	--	--	68	--	--	--	39	--	--	29	88
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-173	748	--	143	856	339	63	1,681	42	127	10,560
Hydrogen/Biofuels/Other Hydrocarbons	--	--	748	--	14	66	383	-80	1,127	37	127	610
Hydrogen	--	--	--	--	--	--	202	--	202	--	0	--
Biofuels (including Fuel Ethanol)	--	--	748	--	14	66	181	-80	925	37	127	610
Fuel Ethanol	--	--	322	--	--	344	181	-58	867	37	0	361
Biofuels (excluding Fuel Ethanol)	--	--	426	--	14	-277	--	-23	58	--	127	249
Biodiesel	--	--	--	--	14	18	--	1	26	--	5	16
Renewable Diesel Fuel	--	--	354	--	--	-296	--	-35	--	NA	94	184
Other Biofuels ⁶	--	--	71	--	--	--	--	12	32	NA	28	49
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-173	--	--	--	--	--	-145	-33	5	0	3,206
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	129	790	-44	288	587	--	0	6,744
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	129	790	-44	288	587	--	0	6,744
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	-1	19,532	232	-374	-137	-372	--	17	19,607	8,785
Finished Motor Gasoline	--	--	--	10,094	--	-302	-137	-110	--	1	9,764	1,100
Reformulated	--	--	--	--	--	--	--	--	--	--	0	--
Conventional	--	--	--	10,094	--	-302	-137	-110	--	1	9,764	1,100
Finished Aviation Gasoline	--	--	--	6	--	--	--	1	--	--	5	9
Kerosene-Type Jet Fuel	--	--	--	1,071	76	816	--	-127	--	--	2,090	628
Kerosene	--	--	--	--	--	--	--	0	--	--	0	1
Distillate Fuel Oil	--	--	-1	5,734	49	-26	--	-428	--	--	6,184	4,072
15 ppm sulfur and under	--	--	-1	5,721	49	-26	--	-375	--	--	6,118	3,883
Greater than 15 to 500 ppm sulfur	--	--	--	17	--	--	--	-49	--	--	66	136
Greater than 500 ppm sulfur	--	--	--	-4	--	--	--	-4	--	--	0	53
Residual Fuel Oil	--	--	--	320	4	--	--	-29	--	--	353	229
Less than 0.31 percent sulfur	--	--	--	163	--	--	--	-1	--	NA	NA	25
0.31 to 1.00 percent sulfur	--	--	--	34	4	--	--	-1	--	NA	NA	5
Greater than 1.00 percent sulfur	--	--	--	123	--	--	--	-27	--	NA	NA	199
Petrochemical Feedstocks	--	--	--	62	--	--	--	--	--	--	62	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	62	--	--	--	--	--	--	62	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	14	-14	--
Waxes	--	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	--	686	--	-449	--	20	--	--	217	132
Marketable	--	--	--	501	--	-449	--	20	--	--	32	132
Catalyst	--	--	--	185	--	--	--	--	--	--	185	--
Asphalt and Road Oil	--	--	--	868	103	-413	--	300	--	2	256	2,600
Still Gas	--	--	--	650	--	--	--	--	--	--	650	--
Miscellaneous Products	--	--	--	41	--	--	--	1	--	--	40	14
Total	43,985	0	740	19,845	12,904	-34,328	-1,913	828	18,985	67	21,353	50,535

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, April 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	27,263	541	--	--	9,682	-19,538	-2,351	200	15,397	--	0	25,956
Hydrocarbon Gas Liquids	16,001	-518	-9	457	473	-14,342	--	624	485	2	951	6,057
Natural Gas Liquids	16,001	-518	-9	291	473	-14,342	--	607	485	2	802	5,949
Ethane	4,835	--	--	--	--	-4,832	--	5	--	--	-2	1,162
Propane	5,587	--	--	199	473	-4,870	--	141	--	2	1,246	1,963
Normal Butane	2,184	--	--	143	--	-1,968	--	469	157	--	-267	1,628
Isobutane	982	--	--	-51	--	-945	--	2	159	--	-175	434
Natural Gasoline	2,413	-518	-9	--	--	-1,727	--	-10	169	--	0	762
Refinery Olefins	--	--	--	166	--	--	--	17	--	--	149	108
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	33	--	--	--	0	--	--	33	3
Normal Butylene	--	--	--	133	--	--	--	17	--	--	116	105
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-23	912	--	84	907	308	-429	2,263	111	244	10,132
Hydrogen/Biofuels/Other Hydrocarbons	--	--	912	--	14	127	416	68	1,107	51	244	679
Hydrogen	--	--	--	--	--	--	186	--	186	--	0	--
Biofuels (including Fuel Ethanol)	--	--	912	--	14	127	230	68	921	51	244	679
Fuel Ethanol	--	--	379	--	--	317	230	10	873	43	0	371
Biofuels (excluding Fuel Ethanol)	--	--	533	--	14	-190	--	59	48	7	244	308
Biodiesel	--	--	--	--	14	13	--	-2	28	7	-7	14
Renewable Diesel Fuel	--	--	469	--	--	-202	--	67	--	NA	199	251
Other Biofuels ⁶	--	--	64	--	--	--	--	-6	20	NA	51	43
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-23	--	--	--	--	--	-46	-37	60	0	3,160
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	70	780	-108	-451	1,193	0	0	6,293
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	70	780	-108	-451	1,193	0	0	6,293
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	-1	18,396	221	135	-122	-97	--	21	18,706	8,688
Finished Motor Gasoline	--	--	--	9,885	--	-125	-122	-98	--	1	9,735	1,002
Reformulated	--	--	--	--	--	--	--	--	--	--	0	--
Conventional	--	--	--	9,885	--	-125	-122	-98	--	1	9,735	1,002
Finished Aviation Gasoline	--	--	--	3	--	--	--	0	--	--	3	9
Kerosene-Type Jet Fuel	--	--	--	946	48	817	--	169	--	--	1,642	797
Kerosene	--	--	--	--	--	--	--	0	--	--	0	1
Distillate Fuel Oil	--	--	-1	5,172	102	70	--	-316	--	--	5,660	3,756
15 ppm sulfur and under	--	--	-1	5,189	102	70	--	-297	--	--	5,658	3,586
Greater than 15 to 500 ppm sulfur	--	--	--	8	--	--	--	7	--	--	1	143
Greater than 500 ppm sulfur	--	--	--	-25	--	--	--	-26	--	--	1	27
Residual Fuel Oil	--	--	--	308	--	--	--	10	--	--	298	239
Less than 0.31 percent sulfur	--	--	--	127	--	--	--	2	--	NA	NA	27
0.31 to 1.00 percent sulfur	--	--	--	24	--	--	--	3	--	NA	NA	8
Greater than 1.00 percent sulfur	--	--	--	157	--	--	--	5	--	NA	NA	204
Petrochemical Feedstocks	--	--	--	43	--	--	--	--	--	--	43	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	43	--	--	--	--	--	--	43	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	19	-19	--
Waxes	--	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	--	649	--	-382	--	-1	--	--	268	131
Marketable	--	--	--	444	--	-382	--	-1	--	--	63	131
Catalyst	--	--	--	205	--	--	--	--	--	--	205	--
Asphalt and Road Oil	--	--	--	737	71	-244	--	131	--	1	432	2,731
Still Gas	--	--	--	601	--	--	--	--	--	--	601	--
Miscellaneous Products	--	--	--	52	--	--	--	8	--	--	44	22
Total	43,264	0	903	18,853	10,460	-32,837	-2,165	298	18,145	134	19,900	50,833

-- = Not Applicable.
- = No Data Reported.
NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.
² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.
³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.
⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).
⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.
⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.
Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, May 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	28,858	596	--	--	10,932	-23,129	-692	199	16,365	--	0	26,155
Hydrocarbon Gas Liquids	17,388	-592	-10	459	349	-15,013	--	971	475	9	1,126	7,028
Natural Gas Liquids	17,388	-592	-10	316	349	-15,013	--	986	475	9	968	6,935
Ethane	5,506	--	--	--	--	-5,218	--	20	--	--	268	1,182
Propane	5,900	--	--	180	344	-5,070	--	316	--	2	1,036	2,279
Normal Butane	2,312	--	--	153	--	-1,967	--	628	93	--	-223	2,256
Isobutane	1,054	--	--	-17	--	-954	--	-2	198	--	-113	432
Natural Gasoline	2,616	-592	-10	--	5	-1,804	--	24	184	8	0	786
Refinery Olefins	--	--	--	143	--	--	--	-15	--	--	158	93
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	24	--	--	--	0	--	--	24	3
Normal Butylene	--	--	--	119	--	--	--	-15	--	--	134	90
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-4	1,145	--	35	1,059	328	1	2,282	93	187	10,133
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,145	--	6	107	326	119	1,214	64	187	798
Hydrogen	--	--	--	--	--	--	192	--	192	--	0	--
Biofuels (including Fuel Ethanol)	--	--	1,145	--	6	107	134	119	1,022	64	187	798
Fuel Ethanol	--	--	410	--	--	460	134	29	938	36	0	400
Biofuels (excluding Fuel Ethanol)	--	--	735	--	6	-352	--	90	84	28	187	398
Biodiesel	--	--	--	--	6	37	--	-4	45	28	-26	10
Renewable Diesel Fuel	--	--	626	--	--	-389	--	78	--	NA	159	329
Other Biofuels ⁶	--	--	110	--	--	--	--	17	39	NA	54	59
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-4	--	--	--	--	--	323	-356	29	0	3,483
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	29	952	2	-441	1,424	0	0	5,852
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	29	952	2	-441	1,424	0	0	5,852
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	-1	19,155	193	259	-136	-334	--	19	19,786	8,354
Finished Motor Gasoline	--	--	--	10,281	--	-33	-136	-93	--	2	10,203	909
Reformulated	--	--	--	--	--	--	--	--	--	--	0	--
Conventional	--	--	--	10,281	--	-33	-136	-93	--	2	10,203	909
Finished Aviation Gasoline	--	--	--	7	1	--	--	1	--	--	7	10
Kerosene-Type Jet Fuel	--	--	0	972	37	629	--	16	--	--	1,622	813
Kerosene	--	--	--	--	--	--	--	-1	--	--	1	--
Distillate Fuel Oil	--	--	-1	5,286	100	460	--	-262	--	--	6,107	3,494
15 ppm sulfur and under	--	--	-1	5,262	100	460	--	-295	--	--	6,116	3,291
Greater than 15 to 500 ppm sulfur	--	--	--	24	--	--	--	33	--	--	-9	176
Greater than 500 ppm sulfur	--	--	--	0	--	--	--	0	--	--	0	27
Residual Fuel Oil	--	--	--	312	--	--	--	-22	--	--	334	217
Less than 0.31 percent sulfur	--	--	--	165	--	--	--	-12	--	NA	NA	15
0.31 to 1.00 percent sulfur	--	--	--	10	--	--	--	0	--	NA	NA	8
Greater than 1.00 percent sulfur	--	--	--	137	--	--	--	-10	--	NA	NA	194
Petrochemical Feedstocks	--	--	--	49	--	--	--	--	--	--	49	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	49	--	--	--	--	--	--	49	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	15	-15	--
Waxes	--	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	--	625	--	-512	--	-28	--	0	141	103
Marketable	--	--	--	424	--	-512	--	-28	--	0	-60	103
Catalyst	--	--	--	201	--	--	--	--	--	--	201	--
Asphalt and Road Oil	--	--	--	998	55	-285	--	58	--	1	709	2,789
Still Gas	--	--	--	582	--	--	--	--	--	--	582	--
Miscellaneous Products	--	--	--	43	--	--	--	-3	--	0	46	19
Total	46,246	0	1,134	19,614	11,509	-36,824	-500	837	19,122	121	21,099	51,669

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, June 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	28,392	427	--	--	11,028	-21,563	-1,325	-1,325	18,285	--	0	24,830
Hydrocarbon Gas Liquids	16,459	-324	-10	468	269	-15,541	--	860	464	13	-15	7,888
Natural Gas Liquids	16,459	-324	-10	348	269	-15,541	--	854	464	13	-129	7,789
Ethane	4,863	--	--	--	--	-5,417	--	-126	--	0	-428	1,056
Propane	5,763	--	--	234	267	-5,131	--	394	--	3	737	2,673
Normal Butane	2,240	--	--	154	--	-1,934	--	539	87	3	-169	2,795
Isobutane	1,022	--	--	-40	--	-1,060	--	21	170	--	-269	453
Natural Gasoline	2,571	-324	-10	--	2	-2,000	--	26	207	6	0	812
Refinery Olefins	--	--	--	120	--	--	--	6	--	--	114	99
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	32	--	--	--	1	--	--	31	4
Normal Butylene	--	--	--	88	--	--	--	5	--	--	83	95
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-104	965	--	19	918	359	-454	2,280	97	234	9,679
Hydrogen/Biofuels/Other Hydrocarbons	--	--	965	--	8	107	322	-97	1,225	40	234	701
Hydrogen	--	--	--	--	--	--	217	--	217	--	0	--
Biofuels (including Fuel Ethanol)	--	--	965	--	8	107	105	-97	1,008	40	234	701
Fuel Ethanol	--	--	397	--	--	426	105	-18	920	27	0	382
Biofuels (excluding Fuel Ethanol)	--	--	567	--	8	-319	--	-79	88	13	234	319
Biodiesel	--	--	--	--	8	42	--	7	41	13	-11	17
Renewable Diesel Fuel	--	--	473	--	--	-361	--	-72	--	NA	183	257
Other Biofuels ⁶	--	--	95	--	--	--	--	-14	47	NA	62	45
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-104	--	--	--	--	--	-338	177	57	0	3,145
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	11	811	37	-19	878	--	0	5,833
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	11	811	37	-19	878	--	0	5,833
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	-1	21,232	158	-247	-142	635	--	13	20,352	8,988
Finished Motor Gasoline	--	--	--	10,901	--	-355	-142	174	--	1	10,229	1,083
Reformulated	--	--	--	--	--	--	--	--	--	--	-4	--
Conventional	--	--	--	10,901	--	-355	-142	174	--	1	10,229	1,083
Finished Aviation Gasoline	--	--	--	7	--	--	--	0	--	--	7	10
Kerosene-Type Jet Fuel	--	--	0	1,010	21	792	--	-59	--	--	1,882	754
Kerosene	--	--	--	--	--	--	--	--	--	--	--	--
Distillate Fuel Oil	--	--	-1	6,383	62	132	--	573	--	--	6,004	4,066
15 ppm sulfur and under	--	--	-1	6,364	62	132	--	506	--	--	6,052	3,796
Greater than 15 to 500 ppm sulfur	--	--	--	-6	--	--	--	27	--	--	-33	203
Greater than 500 ppm sulfur	--	--	--	25	--	--	--	40	--	--	-15	67
Residual Fuel Oil	--	--	--	338	--	--	--	5	--	--	333	222
Less than 0.31 percent sulfur	--	--	--	171	--	--	--	5	--	NA	NA	20
0.31 to 1.00 percent sulfur	--	--	--	21	--	--	--	1	--	NA	NA	9
Greater than 1.00 percent sulfur	--	--	--	146	--	--	--	-1	--	NA	NA	193
Petrochemical Feedstocks	--	--	--	28	--	--	--	--	--	--	28	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	28	--	--	--	--	--	--	28	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	10	-10	--
Waxes	--	--	--	--	--	--	--	--	--	--	--	--
Petroleum Coke	--	--	--	710	--	-368	--	1	--	--	341	104
Marketable	--	--	--	489	--	-368	--	1	--	--	120	104
Catalyst	--	--	--	221	--	--	--	--	--	--	221	--
Asphalt and Road Oil	--	--	--	1,128	75	-448	--	-64	--	2	817	2,725
Still Gas	--	--	--	664	--	--	--	--	--	--	664	--
Miscellaneous Products	--	--	--	63	--	--	--	5	--	0	58	24
Total	44,851	0	954	21,700	11,474	-36,432	-1,108	-284	21,029	123	20,571	51,385

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, July 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	28,955	546	--	--	11,157	-21,225	-1,369	-775	18,839	--	0	24,055
Hydrocarbon Gas Liquids	17,480	-414	-10	471	290	-16,119	--	678	486	12	522	8,566
Natural Gas Liquids	17,480	-414	-10	386	290	-16,119	--	708	486	12	407	8,497
Ethane	5,538	--	--	--	--	-5,701	--	156	--	1	-320	1,212
Propane	5,839	--	--	251	290	-5,214	--	207	--	3	956	2,880
Normal Butane	2,309	--	--	169	--	-2,101	--	386	142	1	-152	3,181
Isobutane	1,063	--	--	-34	--	-1,020	--	-60	146	--	-77	393
Natural Gasoline	2,731	-414	-10	--	--	-2,083	--	19	198	7	0	831
Refinery Olefins	--	--	--	85	--	--	--	-30	--	--	115	69
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	20	--	--	--	-1	--	--	21	3
Normal Butylene	--	--	--	65	--	--	--	-29	--	--	94	66
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-132	999	--	28	1,386	500	62	2,402	116	201	9,741
Hydrogen/Biofuels/Other Hydrocarbons	--	--	999	--	13	260	284	-20	1,296	79	201	681
Hydrogen	--	--	--	--	--	--	219	--	219	--	0	--
Biofuels (including Fuel Ethanol)	--	--	999	--	13	260	65	-20	1,077	79	201	681
Fuel Ethanol	--	--	418	--	--	548	65	-24	1,010	45	0	357
Biofuels (excluding Fuel Ethanol)	--	--	581	--	13	-288	--	4	67	34	201	323
Biodiesel	--	--	--	--	13	27	--	6	49	34	-50	23
Renewable Diesel Fuel	--	--	489	--	--	-315	--	3	--	NA	171	260
Other Biofuels ⁶	--	--	93	--	--	--	--	-4	18	NA	79	41
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-132	--	--	--	--	--	-193	24	37	0	2,952
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	15	1,126	216	275	1,082	0	0	6,108
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	15	1,126	216	275	1,082	0	0	6,108
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	-1	22,084	171	-261	-281	-464	--	18	22,158	8,524
Finished Motor Gasoline	--	--	--	11,717	--	-324	-281	6	--	1	11,105	1,089
Reformulated	--	--	--	--	--	--	--	--	--	--	5	--
Conventional	--	--	--	11,717	--	-324	-281	6	--	1	11,105	1,089
Finished Aviation Gasoline	--	--	--	7	--	--	--	0	--	--	7	10
Kerosene-Type Jet Fuel	--	--	0	1,233	24	868	--	10	--	--	2,115	764
Kerosene	--	--	--	--	--	--	--	--	--	--	--	--
Distillate Fuel Oil	--	--	-1	6,113	74	-76	--	-239	--	--	6,350	3,827
15 ppm sulfur and under	--	--	-1	6,180	74	-76	--	-167	--	--	6,345	3,629
Greater than 15 to 500 ppm sulfur	--	--	--	-43	--	--	--	-53	--	--	10	150
Greater than 500 ppm sulfur	--	--	--	-24	--	--	--	-19	--	--	-5	48
Residual Fuel Oil	--	--	--	351	--	--	--	-9	--	--	360	213
Less than 0.31 percent sulfur	--	--	--	195	--	--	--	7	--	NA	NA	27
0.31 to 1.00 percent sulfur	--	--	--	29	--	--	--	-4	--	NA	NA	5
Greater than 1.00 percent sulfur	--	--	--	127	--	--	--	-12	--	NA	NA	181
Petrochemical Feedstocks	--	--	--	78	--	--	--	--	--	--	78	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	78	--	--	--	--	--	--	78	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	15	-15	--
Waxes	--	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	--	744	--	-225	--	48	--	0	471	152
Marketable	--	--	--	524	--	-225	--	48	--	0	251	152
Catalyst	--	--	--	220	--	--	--	--	--	--	220	--
Asphalt and Road Oil	--	--	--	1,086	73	-504	--	-279	--	2	931	2,446
Still Gas	--	--	--	690	--	--	--	--	--	--	690	--
Miscellaneous Products	--	--	--	65	--	--	--	-1	--	--	66	23
Total	46,435	0	989	22,555	11,646	-36,219	-1,150	-499	21,727	146	22,881	50,886

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, August 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	29,852	787	--	--	13,253	-22,452	-2,695	-470	19,214	--	0	23,585
Hydrocarbon Gas Liquids	18,061	-649	-9	547	202	-15,863	--	793	439	4	1,053	9,359
Natural Gas Liquids	18,061	-649	-9	471	202	-15,863	--	759	439	4	1,011	9,256
Ethane	5,448	--	--	--	--	-5,446	--	51	--	--	-49	1,263
Propane	6,065	--	--	264	200	-5,303	--	170	--	3	1,054	3,050
Normal Butane	2,502	--	--	212	1	-1,985	--	511	131	0	88	3,692
Isobutane	1,136	--	--	-5	--	-1,013	--	25	175	--	-82	418
Natural Gasoline	2,910	-649	-9	--	1	-2,117	--	2	133	1	0	833
Refinery Olefins	--	--	--	76	--	--	--	34	--	--	42	103
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	24	--	--	--	0	--	--	24	3
Normal Butylene	--	--	--	52	--	--	--	34	--	--	18	100
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-138	933	--	37	1,110	368	112	1,767	146	285	9,853
Hydrogen/Biofuels/Other Hydrocarbons	--	--	933	--	19	202	504	-80	1,331	122	285	601
Hydrogen	--	--	--	--	--	--	235	--	235	--	0	--
Biofuels (including Fuel Ethanol)	--	--	933	--	19	202	269	-80	1,096	122	285	601
Fuel Ethanol	--	--	384	--	--	430	269	-6	1,005	85	0	351
Biofuels (excluding Fuel Ethanol)	--	--	549	--	19	-229	--	-74	91	37	285	249
Biodiesel	--	--	--	--	19	70	--	-10	57	37	5	13
Renewable Diesel Fuel	--	--	472	--	--	-299	--	-50	--	NA	223	209
Other Biofuels ⁶	--	--	77	--	--	--	--	-14	34	NA	57	27
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-138	--	--	--	--	--	36	-195	21	0	2,988
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	18	908	-136	156	631	3	0	6,264
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	18	908	-136	156	631	3	0	6,264
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	-1	21,697	151	1	-133	-893	--	18	22,590	7,631
Finished Motor Gasoline	--	--	--	11,181	--	-308	-133	-158	--	1	10,897	931
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	11,181	--	-308	-133	-158	--	1	10,897	931
Finished Aviation Gasoline	--	--	--	9	--	--	--	0	--	--	9	10
Kerosene-Type Jet Fuel	--	--	0	1,324	10	788	--	130	--	0	1,992	894
Kerosene	--	--	--	1	--	--	--	2	--	--	-1	2
Distillate Fuel Oil	--	--	-1	6,169	67	149	--	-460	--	0	6,844	3,367
15 ppm sulfur and under	--	--	-1	6,157	67	149	--	-463	--	0	6,835	3,166
Greater than 15 to 500 ppm sulfur	--	--	--	-6	--	--	--	-12	--	--	6	138
Greater than 500 ppm sulfur	--	--	--	18	--	--	--	15	--	--	3	63
Residual Fuel Oil	--	--	--	363	--	--	--	-17	--	--	380	196
Less than 0.31 percent sulfur	--	--	--	201	--	--	--	-6	--	NA	NA	21
0.31 to 1.00 percent sulfur	--	--	--	31	--	--	--	0	--	NA	NA	5
Greater than 1.00 percent sulfur	--	--	--	131	--	--	--	-11	--	NA	NA	170
Petrochemical Feedstocks	--	--	--	28	--	--	--	--	--	--	28	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	28	--	--	--	--	--	--	28	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	16	-16	--
Waxes	--	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	--	735	--	-121	--	-27	--	--	641	125
Marketable	--	--	--	517	--	-121	--	-27	--	--	423	125
Catalyst	--	--	--	218	--	--	--	--	--	--	218	--
Asphalt and Road Oil	--	--	--	1,136	74	-507	--	-359	--	1	1,061	2,087
Still Gas	--	--	--	680	--	--	--	--	--	--	680	--
Miscellaneous Products	--	--	--	71	--	--	--	-4	--	--	75	19
Total	47,913	0	923	22,244	13,643	-37,205	-2,460	-459	21,420	169	23,928	50,427

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, September 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	28,868	673	--	--	12,392	-19,270	-3,148	460	19,055	--	0	24,045
Hydrocarbon Gas Liquids	17,632	-607	-9	349	263	-15,985	--	198	537	3	904	9,557
Natural Gas Liquids	17,632	-607	-9	208	263	-15,985	--	165	537	3	796	9,421
Ethane	5,677	--	--	--	--	-5,770	--	149	--	--	-242	1,412
Propane	5,838	--	--	231	257	-5,119	--	96	--	2	1,108	3,146
Normal Butane	2,305	--	--	-33	4	-2,048	--	18	164	1	45	3,710
Isobutane	1,041	--	--	10	--	-982	--	2	182	--	-115	420
Natural Gasoline	2,771	-607	-9	--	2	-2,065	--	-100	191	0	0	733
Refinery Olefins	--	--	--	141	--	--	--	33	--	--	108	136
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	27	--	--	--	0	--	--	27	3
Normal Butylene	--	--	--	114	--	--	--	33	--	--	81	133
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-66	928	--	19	429	791	-126	1,965	132	130	9,727
Hydrogen/Biofuels/Other Hydrocarbons	--	--	928	--	6	20	452	-38	1,252	61	130	563
Hydrogen	--	--	--	--	--	--	224	--	224	--	0	--
Biofuels (including Fuel Ethanol)	--	--	928	--	6	20	228	-38	1,028	61	130	563
Fuel Ethanol	--	--	392	--	--	385	228	1	944	60	0	353
Biofuels (excluding Fuel Ethanol)	--	--	536	--	6	-365	--	-39	84	2	130	210
Biodiesel	--	--	--	--	6	46	--	-1	56	2	-5	12
Renewable Diesel Fuel	--	--	452	--	--	-411	--	-39	--	NA	80	170
Other Biofuels ⁶	--	--	84	--	--	--	--	1	28	NA	55	28
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-66	--	--	--	--	--	-110	-17	61	0	2,878
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	13	409	340	22	730	10	0	6,286
Reformulated	--	--	--	--	--	203	544	461	286	--	--	461
Conventional	--	--	--	--	13	206	-204	-439	444	10	0	5,825
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	-1	21,962	182	-141	-567	32	--	17	21,385	7,663
Finished Motor Gasoline	--	--	--	11,164	--	-403	-567	-53	--	1	10,246	878
Reformulated	--	--	--	293	--	--	-544	--	--	--	-251	--
Conventional	--	--	--	10,871	--	-403	-23	-53	--	1	10,497	878
Finished Aviation Gasoline	--	--	--	3	--	--	--	-2	--	--	5	8
Kerosene-Type Jet Fuel	--	--	0	1,110	15	679	--	-86	--	--	1,890	808
Kerosene	--	--	--	--	--	--	--	0	--	--	0	2
Distillate Fuel Oil	--	--	-1	6,642	55	232	--	374	--	--	6,554	3,741
15 ppm sulfur and under	--	--	-1	6,659	55	232	--	356	--	--	6,589	3,522
Greater than 15 to 500 ppm sulfur	--	--	--	-7	--	--	--	25	--	--	-32	163
Greater than 500 ppm sulfur	--	--	--	-10	--	--	--	-7	--	--	-3	56
Residual Fuel Oil	--	--	--	412	--	--	--	29	--	--	383	225
Less than 0.31 percent sulfur	--	--	--	198	--	--	--	2	--	NA	NA	23
0.31 to 1.00 percent sulfur	--	--	--	38	--	--	--	3	--	NA	NA	8
Greater than 1.00 percent sulfur	--	--	--	176	--	--	--	24	--	NA	NA	194
Petrochemical Feedstocks	--	--	--	55	--	--	--	--	--	--	55	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	55	--	--	--	--	--	--	55	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	14	-14	--
Waxes	--	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	--	662	--	-212	--	2	--	0	448	127
Marketable	--	--	--	439	--	-212	--	2	--	0	225	127
Catalyst	--	--	--	223	--	--	--	--	--	--	223	--
Asphalt and Road Oil	--	--	--	1,174	112	-437	--	-229	--	2	1,076	1,858
Still Gas	--	--	--	681	--	--	--	--	--	--	681	--
Miscellaneous Products	--	--	--	59	--	--	--	-3	--	--	62	16
Total	46,500	0	918	22,311	12,856	-34,967	-2,924	565	21,557	153	22,419	50,993

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, October 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	30,443	668	--	--	12,459	-21,073	-2,807	-113	19,804	--	0	23,932
Hydrocarbon Gas Liquids	18,510	-611	-10	245	344	-17,209	--	-690	578	0	1,381	8,867
Natural Gas Liquids	18,510	-611	-10	139	344	-17,209	--	-680	578	0	1,265	8,741
Ethane	6,024	--	--	--	--	-6,172	--	-38	--	--	-110	1,374
Propane	6,134	--	--	239	343	-5,449	--	42	--	0	1,225	3,188
Normal Butane	2,395	--	--	-61	1	-2,491	--	-648	210	0	282	3,062
Isobutane	1,104	--	--	-39	--	-1,048	--	-36	185	--	-132	384
Natural Gasoline	2,853	-611	-10	--	--	-2,049	--	0	183	0	0	733
Refinery Olefins	--	--	--	106	--	--	--	-10	--	--	116	126
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	18	--	--	--	-1	--	--	19	2
Normal Butylene	--	--	--	88	--	--	--	-9	--	--	97	124
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-57	1,002	--	20	-511	1,264	171	1,347	72	128	9,898
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,002	--	12	-6	468	23	1,264	61	128	586
Hydrogen	--	--	--	--	--	--	234	--	234	--	0	--
Biofuels (including Fuel Ethanol)	--	--	1,002	--	12	-6	234	23	1,030	61	128	586
Fuel Ethanol	--	--	422	--	--	363	234	-2	960	61	0	351
Biofuels (excluding Fuel Ethanol)	--	--	579	--	12	-369	--	24	70	--	128	234
Biodiesel	--	--	--	--	12	22	--	-1	32	--	3	11
Renewable Diesel Fuel	--	--	473	--	--	-391	--	32	--	NA	50	202
Other Biofuels ⁶	--	--	106	--	--	--	--	-7	38	NA	75	21
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-57	--	--	--	--	--	103	-160	--	0	2,981
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	8	-505	796	45	243	11	0	6,331
Reformulated	--	--	--	--	--	342	240	-78	660	--	--	383
Conventional	--	--	--	--	8	-847	556	123	-417	11	0	5,948
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	-1	22,475	169	-648	-1,030	-136	--	14	21,086	7,527
Finished Motor Gasoline	--	--	0	11,423	--	-461	-1,030	-1	--	--	9,933	877
Reformulated	--	--	--	795	--	--	-243	--	--	--	552	--
Conventional	--	--	0	10,628	--	-461	-788	-1	--	--	9,380	877
Finished Aviation Gasoline	--	--	--	7	--	--	--	-1	--	--	8	7
Kerosene-Type Jet Fuel	--	--	0	1,150	18	814	--	134	--	--	1,848	942
Kerosene	--	--	--	--	--	--	--	0	--	--	0	2
Distillate Fuel Oil	--	--	-1	6,877	56	-50	--	-25	--	--	6,907	3,716
15 ppm sulfur and under	--	--	-1	6,937	56	-50	--	8	--	--	6,934	3,530
Greater than 15 to 500 ppm sulfur	--	--	--	-35	--	--	--	-12	--	--	-23	151
Greater than 500 ppm sulfur	--	--	--	-25	--	--	--	-21	--	--	-4	35
Residual Fuel Oil	--	--	--	367	--	--	--	-14	--	--	381	211
Less than 0.31 percent sulfur	--	--	--	208	--	--	--	2	--	NA	NA	25
0.31 to 1.00 percent sulfur	--	--	--	32	--	--	--	2	--	NA	NA	10
Greater than 1.00 percent sulfur	--	--	--	127	--	--	--	-18	--	NA	NA	176
Petrochemical Feedstocks	--	--	--	28	--	--	--	--	--	--	28	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	28	--	--	--	--	--	--	28	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	1	--	--	--	--	12	-11	--
Waxes	--	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	--	650	--	-438	--	-9	--	0	221	118
Marketable	--	--	--	422	--	-438	--	-9	--	0	-7	118
Catalyst	--	--	--	228	--	--	--	--	--	--	228	--
Asphalt and Road Oil	--	--	--	1,201	94	-514	--	-224	--	2	1,004	1,634
Still Gas	--	--	--	686	--	--	--	--	--	--	686	--
Miscellaneous Products	--	--	--	86	--	--	--	4	--	0	82	20
Total	48,953	0	991	22,720	12,992	-39,441	-2,573	-769	21,729	87	22,596	50,224

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, November 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	30,223	722	--	--	12,419	-22,885	-1,339	752	18,388	0	0	24,684
Hydrocarbon Gas Liquids	17,077	-672	-10	139	420	-16,154	--	-695	611	3	881	8,172
Natural Gas Liquids	17,077	-672	-10	45	420	-16,154	--	-661	611	3	753	8,080
Ethane	4,775	--	--	--	--	-4,960	--	-189	--	--	4	1,185
Propane	6,055	--	--	236	417	-5,435	--	-27	--	--	1,300	3,161
Normal Butane	2,363	--	--	-225	--	-2,578	--	-559	287	0	-168	2,503
Isobutane	1,092	--	--	34	--	-1,239	--	63	207	--	-383	447
Natural Gasoline	2,792	-672	-10	--	3	-1,942	--	51	117	3	0	784
Refinery Olefins	--	--	--	94	--	--	--	-34	--	--	128	92
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	23	--	--	--	1	--	--	22	3
Normal Butylene	--	--	--	71	--	--	--	-35	--	--	106	89
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-50	773	--	17	-548	1,584	237	1,442	56	42	10,135
Hydrogen/Biofuels/Other Hydrocarbons	--	--	773	--	12	-16	479	-17	1,170	53	42	569
Hydrogen	--	--	--	--	--	--	212	--	212	--	0	--
Biofuels (including Fuel Ethanol)	--	--	773	--	12	-16	267	-17	958	53	42	569
Fuel Ethanol	--	--	403	--	--	307	267	15	909	53	0	366
Biofuels (excluding Fuel Ethanol)	--	--	370	--	12	-322	--	-32	49	--	42	203
Biodiesel	--	--	--	--	12	17	--	2	28	--	-1	13
Renewable Diesel Fuel	--	--	305	--	--	-339	--	-32	--	NA	-3	170
Other Biofuels ⁶	--	--	65	--	--	--	--	-2	21	NA	46	19
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-50	--	--	--	--	--	24	-74	0	0	3,005
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	5	-532	1,106	230	346	3	0	6,561
Reformulated	--	--	--	--	--	320	1,033	88	1,265	--	--	471
Conventional	--	--	--	--	5	-852	73	142	-919	3	0	6,090
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	-1	21,090	177	-696	-1,372	688	--	10	18,500	8,215
Finished Motor Gasoline	--	--	--	10,984	--	-444	-1,372	223	--	--	8,945	1,100
Reformulated	--	--	--	1,504	--	--	-1,036	--	--	--	468	--
Conventional	--	--	--	9,480	--	-444	-336	223	--	--	8,477	1,100
Finished Aviation Gasoline	--	--	--	3	--	--	--	-1	--	--	4	6
Kerosene-Type Jet Fuel	--	--	--	993	22	768	--	2	--	--	1,781	944
Kerosene	--	--	--	1	--	--	--	0	--	--	1	2
Distillate Fuel Oil	--	--	-1	6,476	51	37	--	497	--	--	6,067	4,213
15 ppm sulfur and under	--	--	-1	6,442	51	37	--	486	--	--	6,044	4,016
Greater than 15 to 500 ppm sulfur	--	--	--	-6	--	--	--	-36	--	--	30	115
Greater than 500 ppm sulfur	--	--	--	40	--	--	--	47	--	--	-7	82
Residual Fuel Oil	--	--	--	364	--	--	--	-6	--	--	370	205
Less than 0.31 percent sulfur	--	--	--	223	--	--	--	-5	--	NA	NA	20
0.31 to 1.00 percent sulfur	--	--	--	20	--	--	--	-6	--	NA	NA	4
Greater than 1.00 percent sulfur	--	--	--	121	--	--	--	5	--	NA	NA	181
Petrochemical Feedstocks	--	--	--	25	--	--	--	--	--	--	25	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	25	--	--	--	--	--	--	25	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	2	--	--	--	--	10	-8	--
Waxes	--	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	--	681	--	-507	--	2	--	--	172	120
Marketable	--	--	--	465	--	-507	--	2	--	--	-44	120
Catalyst	--	--	--	216	--	--	--	--	--	--	216	--
Asphalt and Road Oil	--	--	--	859	102	-550	--	-30	--	1	440	1,604
Still Gas	--	--	--	639	--	--	--	--	--	--	639	--
Miscellaneous Products	--	--	--	65	--	--	--	1	--	--	64	21
Total	47,300	0	763	21,229	13,033	-40,283	-1,127	982	20,441	69	19,423	51,205

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, December 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	31,534	656	--	--	13,766	-24,701	-2,262	1,143	17,848	1	0	25,827
Hydrocarbon Gas Liquids	17,139	-650	-10	17	513	-16,399	--	-995	710	0	895	7,177
Natural Gas Liquids	17,139	-650	-10	-40	513	-16,399	--	-1,005	710	0	848	7,075
Ethane	4,514	--	--	--	--	-4,968	--	-105	--	--	-349	1,080
Propane	6,231	--	--	223	504	-5,592	--	-79	--	--	1,445	3,082
Normal Butane	2,416	--	--	-259	3	-2,505	--	-818	366	--	107	1,685
Isobutane	1,126	--	--	-4	1	-1,266	--	7	205	--	-355	454
Natural Gasoline	2,852	-650	-10	--	5	-2,068	--	-10	139	0	0	774
Refinery Olefins	--	--	--	57	--	--	--	10	--	--	47	102
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	8	--	--	--	-2	--	--	10	1
Normal Butylene	--	--	--	49	--	--	--	12	--	--	37	101
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-6	1,244	--	11	-433	1,333	282	1,490	61	316	10,417
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,244	--	5	61	351	170	1,126	49	316	739
Hydrogen	--	--	--	--	--	--	206	--	206	--	0	--
Biofuels (including Fuel Ethanol)	--	--	1,244	--	5	61	145	170	920	49	316	739
Fuel Ethanol	--	--	431	--	--	351	145	-7	885	49	0	359
Biofuels (excluding Fuel Ethanol)	--	--	813	--	5	-290	--	177	35	--	316	380
Biodiesel	--	--	--	--	5	25	--	-2	14	--	18	11
Renewable Diesel Fuel	--	--	687	--	--	-315	--	153	--	NA	220	323
Other Biofuels ⁶	--	--	126	--	--	--	--	26	21	NA	79	46
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-6	--	--	--	--	--	37	-43	--	0	3,042
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	6	-494	982	75	407	12	0	6,636
Reformulated	--	--	--	--	--	643	1,255	97	1,801	--	--	568
Conventional	--	--	--	--	6	-1,137	-273	-22	-1,394	12	0	6,068
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	-1	20,820	247	-436	-1,127	649	--	12	18,843	8,864
Finished Motor Gasoline	--	--	--	10,969	--	-525	-1,127	166	--	1	9,150	1,266
Reformulated	--	--	--	2,063	--	--	-1,267	--	--	--	796	--
Conventional	--	--	--	8,906	--	-525	141	166	--	1	8,355	1,266
Finished Aviation Gasoline	--	--	--	6	--	--	--	1	--	--	5	7
Kerosene-Type Jet Fuel	--	--	0	1,039	12	791	--	-88	--	--	1,930	856
Kerosene	--	--	--	--	--	--	--	0	--	--	0	2
Distillate Fuel Oil	--	--	-1	6,180	71	-49	--	347	--	--	5,854	4,560
15 ppm sulfur and under	--	--	-1	6,143	71	-49	--	293	--	--	5,871	4,309
Greater than 15 to 500 ppm sulfur	--	--	--	18	--	--	--	32	--	--	-14	147
Greater than 500 ppm sulfur	--	--	--	19	--	--	--	22	--	--	-3	104
Residual Fuel Oil	--	--	--	339	7	--	--	-2	--	--	348	203
Less than 0.31 percent sulfur	--	--	--	230	--	--	--	4	--	NA	NA	24
0.31 to 1.00 percent sulfur	--	--	--	15	7	--	--	0	--	NA	NA	4
Greater than 1.00 percent sulfur	--	--	--	94	--	--	--	-6	--	NA	NA	175
Petrochemical Feedstocks	--	--	--	31	--	--	--	--	--	--	31	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	31	--	--	--	--	--	--	31	--
Special Naphthas	--	--	--	--	0	--	--	--	--	--	0	--
Lubricants	--	--	--	--	--	--	--	--	--	10	-10	--
Waxes	--	--	--	--	--	--	--	--	--	--	--	--
Petroleum Coke	--	--	--	693	--	-318	--	12	--	--	363	132
Marketable	--	--	--	477	--	-318	--	12	--	--	147	132
Catalyst	--	--	--	216	--	--	--	--	--	--	216	--
Asphalt and Road Oil	--	--	--	858	157	-335	--	214	--	1	465	1,818
Still Gas	--	--	--	651	--	--	--	--	--	--	651	--
Miscellaneous Products	--	--	--	54	--	--	--	-1	--	0	55	20
Total	48,673	0	1,233	20,837	14,537	-41,968	-2,056	1,079	20,048	74	20,054	52,284

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	862	18	--	--	412	-727	-109	-16	473	--	0
Hydrocarbon Gas Liquids	468	-12	0	0	36	-442	--	-22	18	0	52
Natural Gas Liquids	468	-12	0	1	36	-442	--	-23	18	0	54
Ethane	131	--	--	--	--	-135	--	-4	--	0	0
Propane	166	--	--	5	33	-156	--	-11	--	0	59
Normal Butane	67	--	--	-4	3	-69	--	-12	9	--	0
Isobutane	30	--	--	0	--	-28	--	2	4	--	-5
Natural Gasoline	75	-12	0	--	0	-54	--	3	5	0	0
Refinery Olefins	--	--	--	-1	0	--	--	1	--	--	-2
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	0	0	--	--	0	--	--	0
Normal Butylene	--	--	--	-1	--	--	--	1	--	--	-2
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-6	24	--	5	29	15	-1	65	0	2
Hydrogen/Biofuels/Other Hydrocarbons	--	--	24	--	0	8	7	3	33	0	2
Hydrogen	--	--	--	--	--	--	6	--	6	--	0
Biofuels (including Fuel Ethanol)	--	--	24	--	0	8	2	3	27	0	2
Fuel Ethanol	--	--	10	--	--	16	2	1	26	0	0
Biofuels (excluding Fuel Ethanol)	--	--	14	--	0	-8	--	3	1	--	2
Biodiesel	--	--	--	--	0	0	--	0	1	--	0
Renewable Diesel Fuel	--	--	12	--	--	-8	--	2	--	NA	2
Other Biofuels ⁶	--	--	2	--	--	--	--	1	1	NA	1
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-6	--	--	--	--	--	3	-9	0	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	5	21	8	-7	41	0	0
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	5	21	8	-7	41	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	582	2	9	-9	16	--	1	567
Finished Motor Gasoline	--	--	--	311	--	-10	-9	6	--	0	286
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	311	--	-10	-9	6	--	0	286
Finished Aviation Gasoline	--	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	--	20	0	34	--	-4	--	--	59
Kerosene	--	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	0	171	--	6	--	8	--	0	169
15 ppm sulfur and under	--	--	0	168	--	6	--	8	--	0	167
Greater than 15 to 500 ppm sulfur	--	--	--	3	--	--	--	0	--	--	3
Greater than 500 ppm sulfur	--	--	--	0	--	--	--	0	--	--	0
Residual Fuel Oil	--	--	--	10	--	--	--	0	--	--	9
Less than 0.31 percent sulfur	--	--	--	6	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	0	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	3	--	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	2	--	--	--	--	--	--	2
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	2	--	--	--	--	--	--	2
Special Naphthas	--	--	--	--	0	--	--	--	--	--	0
Lubricants	--	--	--	--	--	--	--	--	--	1	-1
Waxes	--	--	--	--	--	--	--	--	--	--	--
Petroleum Coke	--	--	--	23	--	-8	--	1	--	0	14
Marketable	--	--	--	17	--	-8	--	1	--	0	8
Catalyst	--	--	--	6	--	--	--	--	--	--	6
Asphalt and Road Oil	--	--	--	23	2	-13	--	5	--	0	6
Still Gas	--	--	--	20	--	--	--	--	--	--	20
Miscellaneous Products	--	--	--	2	--	--	--	0	--	--	2
Total	1,331	0	23	582	456	-1,130	-104	-22	556	1	622

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, February 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	854	17	--	--	437	-724	-38	29	517	--	0
Hydrocarbon Gas Liquids	490	-15	0	4	32	-433	--	-5	19	0	64
Natural Gas Liquids	490	-15	0	3	32	-433	--	-3	19	0	61
Ethane	144	--	--	--	--	-135	--	6	--	0	2
Propane	175	--	--	6	32	-151	--	-4	--	0	65
Normal Butane	68	--	--	-1	0	-64	--	-1	8	--	-3
Isobutane	30	--	--	-2	--	-29	--	-1	5	--	-4
Natural Gasoline	74	-15	0	--	0	-55	--	-3	6	0	0
Refinery Olefins	--	--	--	1	--	--	--	-2	--	--	3
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	0	--	--	--	0	--	--	0
Normal Butylene	--	--	--	1	--	--	--	-2	--	--	3
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-3	25	--	4	31	14	22	42	1	6
Hydrogen/Biofuels/Other Hydrocarbons	--	--	25	--	0	4	10	-1	34	1	6
Hydrogen	--	--	--	--	--	--	6	--	6	--	0
Biofuels (including Fuel Ethanol)	--	--	25	--	0	4	4	-1	28	1	6
Fuel Ethanol	--	--	10	--	--	14	4	0	26	1	0
Biofuels (excluding Fuel Ethanol)	--	--	16	--	0	-10	--	-2	2	--	6
Biodiesel	--	--	--	--	0	1	--	0	1	--	0
Renewable Diesel Fuel	--	--	13	--	--	-11	--	-2	--	NA	3
Other Biofuels ⁶	--	--	3	--	--	--	--	0	1	NA	2
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-3	--	--	--	--	--	10	-12	--	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	4	27	4	14	20	--	0
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	4	27	4	14	20	--	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	598	7	7	-7	30	--	1	574
Finished Motor Gasoline	--	--	--	309	--	-7	-7	-4	--	0	299
Reformulated	--	--	--	--	--	--	--	--	--	--	0
Conventional	--	--	--	309	--	-7	-7	-4	--	0	299
Finished Aviation Gasoline	--	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	--	28	2	28	--	5	--	--	53
Kerosene	--	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	0	177	1	3	--	19	--	--	162
15 ppm sulfur and under	--	--	0	177	1	3	--	18	--	--	163
Greater than 15 to 500 ppm sulfur	--	--	--	0	--	--	--	1	--	--	-2
Greater than 500 ppm sulfur	--	--	--	0	--	--	--	0	--	--	0
Residual Fuel Oil	--	--	--	12	0	--	--	1	--	--	11
Less than 0.31 percent sulfur	--	--	--	6	0	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	1	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	5	0	--	--	1	--	NA	NA
Petrochemical Feedstocks	--	--	--	2	--	--	--	--	--	--	2
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	2	--	--	--	--	--	--	2
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	1	-1
Waxes	--	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	--	24	--	-8	--	-1	--	--	17
Marketable	--	--	--	17	--	-8	--	-1	--	--	9
Catalyst	--	--	--	8	--	--	--	--	--	--	8
Asphalt and Road Oil	--	--	--	24	4	-9	--	10	--	0	9
Still Gas	--	--	--	20	--	--	--	--	--	--	20
Miscellaneous Products	--	--	--	2	--	--	--	0	--	--	2
Total	1,344	0	25	602	479	-1,120	-32	77	578	2	643

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, March 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	895	21	--	--	378	-651	-68	33	541	--	0
Hydrocarbon Gas Liquids	524	-15	0	10	26	-472	--	4	17	0	52
Natural Gas Liquids	524	-15	0	6	26	-472	--	3	17	0	50
Ethane	161	--	--	--	--	-158	--	2	--	--	1
Propane	183	--	--	6	26	-161	--	-3	--	0	58
Normal Butane	71	--	--	0	0	-65	--	5	6	0	-5
Isobutane	32	--	--	0	--	-30	--	-1	6	--	-4
Natural Gasoline	77	-15	0	--	--	-57	--	-1	6	0	0
Refinery Olefins	--	--	--	4	--	--	--	1	--	--	3
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	2	--	--	--	0	--	--	2
Normal Butylene	--	--	--	2	--	--	--	1	--	--	1
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-6	24	--	5	28	11	2	54	1	4
Hydrogen/Biofuels/Other Hydrocarbons	--	--	24	--	0	2	12	-3	36	1	4
Hydrogen	--	--	--	--	--	--	7	--	7	--	0
Biofuels (including Fuel Ethanol)	--	--	24	--	0	2	6	-3	30	1	4
Fuel Ethanol	--	--	10	--	--	11	6	-2	28	1	0
Biofuels (excluding Fuel Ethanol)	--	--	14	--	0	-9	--	-1	2	--	4
Biodiesel	--	--	--	--	0	1	--	0	1	--	0
Renewable Diesel Fuel	--	--	11	--	--	-10	--	-1	--	NA	3
Other Biofuels ⁶	--	--	2	--	--	--	--	0	1	NA	1
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-6	--	--	--	--	--	-5	-1	0	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	4	25	-1	9	19	--	0
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	4	25	-1	9	19	--	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	630	7	-12	-4	-12	--	1	632
Finished Motor Gasoline	--	--	--	326	--	-10	-4	-4	--	0	315
Reformulated	--	--	--	--	--	--	--	--	--	--	0
Conventional	--	--	--	326	--	-10	-4	-4	--	0	315
Finished Aviation Gasoline	--	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	--	35	2	26	--	-4	--	--	67
Kerosene	--	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	0	185	2	-1	--	-14	--	--	199
15 ppm sulfur and under	--	--	0	185	2	-1	--	-12	--	--	197
Greater than 15 to 500 ppm sulfur	--	--	--	1	--	--	--	-2	--	--	2
Greater than 500 ppm sulfur	--	--	--	0	--	--	--	0	--	--	0
Residual Fuel Oil	--	--	--	10	0	--	--	-1	--	--	11
Less than 0.31 percent sulfur	--	--	--	5	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	1	0	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	4	--	--	--	-1	--	NA	NA
Petrochemical Feedstocks	--	--	--	2	--	--	--	--	--	--	2
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	2	--	--	--	--	--	--	2
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	--	22	--	-14	--	1	--	--	7
Marketable	--	--	--	16	--	-14	--	1	--	--	1
Catalyst	--	--	--	6	--	--	--	--	--	--	6
Asphalt and Road Oil	--	--	--	28	3	-13	--	10	--	0	8
Still Gas	--	--	--	21	--	--	--	--	--	--	21
Miscellaneous Products	--	--	--	1	--	--	--	0	--	--	1
Total	1,419	0	24	640	416	-1,107	-62	27	612	2	689

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, April 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	909	18	--	--	323	-651	-78	7	513	--	0
Hydrocarbon Gas Liquids	533	-17	0	15	16	-478	--	21	16	0	32
Natural Gas Liquids	533	-17	0	10	16	-478	--	20	16	0	27
Ethane	161	--	--	--	--	-161	--	0	--	--	0
Propane	186	--	--	7	16	-162	--	5	--	0	42
Normal Butane	73	--	--	5	--	-66	--	16	5	--	-9
Isobutane	33	--	--	-2	--	-31	--	0	5	--	-6
Natural Gasoline	80	-17	0	--	--	-58	--	0	6	--	0
Refinery Olefins	--	--	--	6	--	--	--	1	--	--	5
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	1	--	--	--	0	--	--	1
Normal Butylene	--	--	--	4	--	--	--	1	--	--	4
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-1	30	--	3	30	10	-14	75	4	8
Hydrogen/Biofuels/Other Hydrocarbons	--	--	30	--	0	4	14	2	37	2	8
Hydrogen	--	--	--	--	--	--	6	--	6	--	0
Biofuels (including Fuel Ethanol)	--	--	30	--	0	4	8	2	31	2	8
Fuel Ethanol	--	--	13	--	--	11	8	0	29	1	0
Biofuels (excluding Fuel Ethanol)	--	--	18	--	0	-6	--	2	2	0	8
Biodiesel	--	--	--	--	0	0	--	0	1	0	0
Renewable Diesel Fuel	--	--	16	--	--	-7	--	2	--	NA	7
Other Biofuels ⁶	--	--	2	--	--	--	--	0	1	NA	2
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-1	--	--	--	--	--	-2	-1	2	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	2	26	-4	-15	40	0	0
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	2	26	-4	-15	40	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	613	7	5	-4	-3	--	1	624
Finished Motor Gasoline	--	--	--	330	--	-4	-4	-3	--	0	324
Reformulated	--	--	--	--	--	--	--	--	--	--	0
Conventional	--	--	--	330	--	-4	-4	-3	--	0	324
Finished Aviation Gasoline	--	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	--	32	2	27	--	6	--	--	55
Kerosene	--	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	0	172	3	2	--	-11	--	--	189
15 ppm sulfur and under	--	--	0	173	3	2	--	-10	--	--	189
Greater than 15 to 500 ppm sulfur	--	--	--	0	--	--	--	0	--	--	0
Greater than 500 ppm sulfur	--	--	--	-1	--	--	--	-1	--	--	0
Residual Fuel Oil	--	--	--	10	--	--	--	0	--	--	10
Less than 0.31 percent sulfur	--	--	--	4	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	1	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	5	--	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	1	--	--	--	--	--	--	1
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	1	--	--	--	--	--	--	1
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	1	-1
Waxes	--	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	--	22	--	-13	--	0	--	--	9
Marketable	--	--	--	15	--	-13	--	0	--	--	2
Catalyst	--	--	--	7	--	--	--	--	--	--	7
Asphalt and Road Oil	--	--	--	25	2	-8	--	4	--	0	14
Still Gas	--	--	--	20	--	--	--	--	--	--	20
Miscellaneous Products	--	--	--	2	--	--	--	0	--	--	1
Total	1,442	0	30	628	349	-1,095	-72	10	605	4	663

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, May 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	931	19	--	--	353	-746	-22	6	528	--	0
Hydrocarbon Gas Liquids	561	-19	0	15	11	-484	--	31	15	0	36
Natural Gas Liquids	561	-19	0	10	11	-484	--	32	15	0	31
Ethane	178	--	--	--	--	-168	--	1	--	--	9
Propane	190	--	--	6	11	-164	--	10	--	0	33
Normal Butane	75	--	--	5	--	-63	--	20	3	--	-7
Isobutane	34	--	--	-1	--	-31	--	0	6	--	-4
Natural Gasoline	84	-19	0	--	0	-58	--	1	6	0	0
Refinery Olefins	--	--	--	5	--	--	--	0	--	--	5
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	1	--	--	--	0	--	--	1
Normal Butylene	--	--	--	4	--	--	--	0	--	--	4
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	0	37	--	1	34	11	0	74	3	6
Hydrogen/Biofuels/Other Hydrocarbons	--	--	37	--	0	3	11	4	39	2	6
Hydrogen	--	--	--	--	--	--	6	--	6	--	0
Biofuels (including Fuel Ethanol)	--	--	37	--	0	3	4	4	33	2	6
Fuel Ethanol	--	--	13	--	--	15	4	1	30	1	0
Biofuels (excluding Fuel Ethanol)	--	--	24	--	0	-11	--	3	3	1	6
Biodiesel	--	--	--	--	0	1	--	0	1	1	-1
Renewable Diesel Fuel	--	--	20	--	--	-13	--	3	--	NA	5
Other Biofuels ⁶	--	--	4	--	--	--	--	1	1	NA	2
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	0	--	--	--	--	--	10	-11	1	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	1	31	0	-14	46	0	0
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	1	31	0	-14	46	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	618	6	8	-4	-11	--	1	638
Finished Motor Gasoline	--	--	--	332	--	-1	-4	-3	--	0	329
Reformulated	--	--	--	--	--	--	--	--	--	--	0
Conventional	--	--	--	332	--	-1	-4	-3	--	0	329
Finished Aviation Gasoline	--	--	--	0	0	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	0	31	1	20	--	1	--	--	52
Kerosene	--	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	0	171	3	15	--	-8	--	--	197
15 ppm sulfur and under	--	--	0	170	3	15	--	-10	--	--	197
Greater than 15 to 500 ppm sulfur	--	--	--	1	--	--	--	1	--	--	0
Greater than 500 ppm sulfur	--	--	--	0	--	--	--	0	--	--	0
Residual Fuel Oil	--	--	--	10	--	--	--	-1	--	--	11
Less than 0.31 percent sulfur	--	--	--	5	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	0	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	4	--	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	2	--	--	--	--	--	--	2
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	2	--	--	--	--	--	--	2
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	--	20	--	-17	--	-1	--	0	5
Marketable	--	--	--	14	--	-17	--	-1	--	0	-2
Catalyst	--	--	--	6	--	--	--	--	--	--	6
Asphalt and Road Oil	--	--	--	32	2	-9	--	2	--	0	23
Still Gas	--	--	--	19	--	--	--	--	--	--	19
Miscellaneous Products	--	--	--	1	--	--	--	0	--	0	1
Total	1,492	0	37	633	371	-1,188	-16	27	617	4	681

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, June 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	946	14	--	--	368	-719	-44	-44	610	--	0
Hydrocarbon Gas Liquids	549	-11	0	16	9	-518	--	29	15	0	-1
Natural Gas Liquids	549	-11	0	12	9	-518	--	28	15	0	-4
Ethane	162	--	--	--	--	-181	--	-4	--	0	-14
Propane	192	--	--	8	9	-171	--	13	--	0	25
Normal Butane	75	--	--	5	--	-64	--	18	3	0	-6
Isobutane	34	--	--	-1	--	-35	--	1	6	--	-9
Natural Gasoline	86	-11	0	--	0	-67	--	1	7	0	0
Refinery Olefins	--	--	--	4	--	--	--	0	--	--	4
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	1	--	--	--	0	--	--	1
Normal Butylene	--	--	--	3	--	--	--	0	--	--	3
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-3	32	--	1	31	12	-15	76	3	8
Hydrogen/Biofuels/Other Hydrocarbons	--	--	32	--	0	4	11	-3	41	1	8
Hydrogen	--	--	--	--	--	--	7	--	7	--	0
Biofuels (including Fuel Ethanol)	--	--	32	--	0	4	4	-3	34	1	8
Fuel Ethanol	--	--	13	--	--	14	4	-1	31	1	0
Biofuels (excluding Fuel Ethanol)	--	--	19	--	0	-11	--	-3	3	0	8
Biodiesel	--	--	--	--	0	1	--	0	1	0	0
Renewable Diesel Fuel	--	--	16	--	--	-12	--	-2	--	NA	6
Other Biofuels ⁶	--	--	3	--	--	--	--	0	2	NA	2
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-3	--	--	--	--	--	-11	6	2	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	0	27	1	-1	29	--	0
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	0	27	1	-1	29	--	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	708	5	-8	-5	21	--	0	678
Finished Motor Gasoline	--	--	--	363	--	-12	-5	6	--	0	341
Reformulated	--	--	--	--	--	--	--	--	--	--	0
Conventional	--	--	--	363	--	-12	-5	6	--	0	341
Finished Aviation Gasoline	--	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	0	34	1	26	--	-2	--	--	63
Kerosene	--	--	--	--	--	--	--	--	--	--	--
Distillate Fuel Oil	--	--	0	213	2	4	--	19	--	--	200
15 ppm sulfur and under	--	--	0	212	2	4	--	17	--	--	202
Greater than 15 to 500 ppm sulfur	--	--	--	0	--	--	--	1	--	--	-1
Greater than 500 ppm sulfur	--	--	--	1	--	--	--	1	--	--	-1
Residual Fuel Oil	--	--	--	11	--	--	--	0	--	--	11
Less than 0.31 percent sulfur	--	--	--	6	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	1	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	5	--	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	1	--	--	--	--	--	--	1
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	1	--	--	--	--	--	--	1
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	--	--	--
Petroleum Coke	--	--	--	24	--	-12	--	0	--	--	11
Marketable	--	--	--	16	--	-12	--	0	--	--	4
Catalyst	--	--	--	7	--	--	--	--	--	--	7
Asphalt and Road Oil	--	--	--	38	3	-15	--	-2	--	0	27
Still Gas	--	--	--	22	--	--	--	--	--	--	22
Miscellaneous Products	--	--	--	2	--	--	--	0	--	0	2
Total	1,495	0	32	723	382	-1,214	-37	-9	701	4	686

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

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⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, July 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	934	18	--	--	360	-685	-44	-25	608	--	0
Hydrocarbon Gas Liquids	564	-13	0	15	9	-520	--	22	16	0	17
Natural Gas Liquids	564	-13	0	12	9	-520	--	23	16	0	13
Ethane	179	--	--	--	--	-184	--	5	--	0	-10
Propane	188	--	--	8	9	-168	--	7	--	0	31
Normal Butane	74	--	--	5	--	-68	--	12	5	0	-5
Isobutane	34	--	--	-1	--	-33	--	-2	5	--	-2
Natural Gasoline	88	-13	0	--	--	-67	--	1	6	0	0
Refinery Olefins	--	--	--	3	--	--	--	-1	--	--	4
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	1	--	--	--	0	--	--	1
Normal Butylene	--	--	--	2	--	--	--	-1	--	--	3
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-4	32	--	1	45	16	2	77	4	6
Hydrogen/Biofuels/Other Hydrocarbons	--	--	32	--	0	8	9	-1	42	3	6
Hydrogen	--	--	--	--	--	--	7	--	7	--	0
Biofuels (including Fuel Ethanol)	--	--	32	--	0	8	2	-1	35	3	6
Fuel Ethanol	--	--	13	--	--	18	2	-1	33	1	0
Biofuels (excluding Fuel Ethanol)	--	--	19	--	0	-9	--	0	2	1	6
Biodiesel	--	--	--	--	0	1	--	0	2	1	-2
Renewable Diesel Fuel	--	--	16	--	--	-10	--	0	--	NA	6
Other Biofuels ⁶	--	--	3	--	--	--	--	0	1	NA	3
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-4	--	--	--	--	--	-6	1	1	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	0	36	7	9	35	0	0
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	0	36	7	9	35	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	712	6	-8	-9	-15	--	1	715
Finished Motor Gasoline	--	--	--	378	--	-10	-9	0	--	0	358
Reformulated	--	--	--	--	--	--	--	--	--	--	0
Conventional	--	--	--	378	--	-10	-9	0	--	0	358
Finished Aviation Gasoline	--	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	0	40	1	28	--	0	--	--	68
Kerosene	--	--	--	--	--	--	--	--	--	--	--
Distillate Fuel Oil	--	--	0	197	2	-2	--	-8	--	--	205
15 ppm sulfur and under	--	--	0	199	2	-2	--	-5	--	--	205
Greater than 15 to 500 ppm sulfur	--	--	--	-1	--	--	--	-2	--	--	0
Greater than 500 ppm sulfur	--	--	--	-1	--	--	--	-1	--	--	0
Residual Fuel Oil	--	--	--	11	--	--	--	0	--	--	12
Less than 0.31 percent sulfur	--	--	--	6	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	1	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	4	--	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	3	--	--	--	--	--	--	3
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	3	--	--	--	--	--	--	3
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	--	24	--	-7	--	2	--	0	15
Marketable	--	--	--	17	--	-7	--	2	--	0	8
Catalyst	--	--	--	7	--	--	--	--	--	--	7
Asphalt and Road Oil	--	--	--	35	2	-16	--	-9	--	0	30
Still Gas	--	--	--	22	--	--	--	--	--	--	22
Miscellaneous Products	--	--	--	2	--	--	--	0	--	--	2
Total	1,498	0	32	728	376	-1,168	-37	-16	701	5	738

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, August 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	963	25	--	--	428	-724	-87	-15	620	--	0
Hydrocarbon Gas Liquids	583	-21	0	18	7	-512	--	26	14	0	34
Natural Gas Liquids	583	-21	0	15	7	-512	--	24	14	0	33
Ethane	176	--	--	--	--	-176	--	2	--	--	-2
Propane	196	--	--	9	6	-171	--	5	--	0	34
Normal Butane	81	--	--	7	0	-64	--	16	4	0	3
Isobutane	37	--	--	0	--	-33	--	1	6	--	-3
Natural Gasoline	94	-21	0	--	0	-68	--	0	4	0	0
Refinery Olefins	--	--	--	2	--	--	--	1	--	--	1
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	1	--	--	--	0	--	--	1
Normal Butylene	--	--	--	2	--	--	--	1	--	--	1
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-4	30	--	1	36	12	4	57	5	9
Hydrogen/Biofuels/Other Hydrocarbons	--	--	30	--	1	7	16	-3	43	4	9
Hydrogen	--	--	--	--	--	--	8	--	8	--	0
Biofuels (including Fuel Ethanol)	--	--	30	--	1	7	9	-3	35	4	9
Fuel Ethanol	--	--	12	--	--	14	9	0	32	3	0
Biofuels (excluding Fuel Ethanol)	--	--	18	--	1	-7	--	-2	3	1	9
Biodiesel	--	--	--	--	1	2	--	0	2	1	0
Renewable Diesel Fuel	--	--	15	--	--	-10	--	-2	--	NA	7
Other Biofuels ⁶	--	--	2	--	--	--	--	0	1	NA	2
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-4	--	--	--	--	--	1	-6	1	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	1	29	-4	5	20	0	0
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	1	29	-4	5	20	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	700	5	0	-4	-29	--	1	729
Finished Motor Gasoline	--	--	--	361	--	-10	-4	-5	--	0	352
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	361	--	-10	-4	-5	--	0	352
Finished Aviation Gasoline	--	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	0	43	0	25	--	4	--	0	64
Kerosene	--	--	--	0	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	0	199	2	5	--	-15	--	0	221
15 ppm sulfur and under	--	--	0	199	2	5	--	-15	--	0	220
Greater than 15 to 500 ppm sulfur	--	--	--	0	--	--	--	0	--	--	0
Greater than 500 ppm sulfur	--	--	--	1	--	--	--	0	--	--	0
Residual Fuel Oil	--	--	--	12	--	--	--	-1	--	--	12
Less than 0.31 percent sulfur	--	--	--	6	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	1	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	4	--	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	1	--	--	--	--	--	--	1
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	1	--	--	--	--	--	--	1
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	1	-1
Waxes	--	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	--	24	--	-4	--	-1	--	--	21
Marketable	--	--	--	17	--	-4	--	-1	--	--	14
Catalyst	--	--	--	7	--	--	--	--	--	--	7
Asphalt and Road Oil	--	--	--	37	2	-16	--	-12	--	0	34
Still Gas	--	--	--	22	--	--	--	--	--	--	22
Miscellaneous Products	--	--	--	2	--	--	--	0	--	--	2
Total	1,546	0	30	718	440	-1,200	-79	-15	691	5	772

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, September 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	962	22	--	--	413	-642	-105	15	635	--	0
Hydrocarbon Gas Liquids	588	-20	0	12	9	-533	--	7	18	0	30
Natural Gas Liquids	588	-20	0	7	9	-533	--	6	18	0	27
Ethane	189	--	--	--	--	-192	--	5	--	--	-8
Propane	195	--	--	8	9	-171	--	3	--	0	37
Normal Butane	77	--	--	-1	0	-68	--	1	5	0	1
Isobutane	35	--	--	0	--	-33	--	0	6	--	-4
Natural Gasoline	92	-20	0	--	0	-69	--	-3	6	0	0
Refinery Olefins	--	--	--	5	--	--	--	1	--	--	4
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	1	--	--	--	0	--	--	1
Normal Butylene	--	--	--	4	--	--	--	1	--	--	3
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-2	31	--	1	14	26	-4	66	4	4
Hydrogen/Biofuels/Other Hydrocarbons	--	--	31	--	0	1	15	-1	42	2	4
Hydrogen	--	--	--	--	--	--	7	--	7	--	0
Biofuels (including Fuel Ethanol)	--	--	31	--	0	1	8	-1	34	2	4
Fuel Ethanol	--	--	13	--	--	13	8	0	31	2	0
Biofuels (excluding Fuel Ethanol)	--	--	18	--	0	-12	--	-1	3	0	4
Biodiesel	--	--	--	--	0	2	--	0	2	0	0
Renewable Diesel Fuel	--	--	15	--	--	-14	--	-1	--	NA	3
Other Biofuels ⁶	--	--	3	--	--	--	--	0	1	NA	2
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-2	--	--	--	--	--	-4	-1	2	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	0	14	11	1	24	0	0
Reformulated	--	--	--	--	--	7	--	15	10	--	--
Conventional	--	--	--	--	0	7	-7	-15	15	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	732	6	-5	-19	1	--	1	713
Finished Motor Gasoline	--	--	--	372	--	-13	-19	-2	--	0	342
Reformulated	--	--	--	10	--	--	-18	--	--	--	-8
Conventional	--	--	--	362	--	-13	-1	-2	--	0	350
Finished Aviation Gasoline	--	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	0	37	1	23	--	-3	--	--	63
Kerosene	--	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	0	221	2	8	--	12	--	--	218
15 ppm sulfur and under	--	--	0	222	2	8	--	12	--	--	220
Greater than 15 to 500 ppm sulfur	--	--	--	0	--	--	--	1	--	--	-1
Greater than 500 ppm sulfur	--	--	--	0	--	--	--	0	--	--	0
Residual Fuel Oil	--	--	--	14	--	--	--	1	--	--	13
Less than 0.31 percent sulfur	--	--	--	7	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	1	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	6	--	--	--	1	--	NA	NA
Petrochemical Feedstocks	--	--	--	2	--	--	--	--	--	--	2
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	2	--	--	--	--	--	--	2
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	--	22	--	-7	--	0	--	0	15
Marketable	--	--	--	15	--	-7	--	0	--	0	7
Catalyst	--	--	--	7	--	--	--	--	--	--	7
Asphalt and Road Oil	--	--	--	39	4	-15	--	-8	--	0	36
Still Gas	--	--	--	23	--	--	--	--	--	--	23
Miscellaneous Products	--	--	--	2	--	--	--	0	--	--	2
Total	1,550	0	31	744	429	-1,166	-97	19	719	5	747

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, October 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	982	22	--	--	402	-680	-91	-4	639	--	0
Hydrocarbon Gas Liquids	597	-20	0	8	11	-555	--	-22	19	0	45
Natural Gas Liquids	597	-20	0	4	11	-555	--	-22	19	0	41
Ethane	194	--	--	--	--	-199	--	-1	--	--	-4
Propane	198	--	--	8	11	-176	--	1	--	0	40
Normal Butane	77	--	--	-2	0	-80	--	-21	7	0	9
Isobutane	36	--	--	-1	--	-34	--	-1	6	--	-4
Natural Gasoline	92	-20	0	--	--	-66	--	0	6	0	0
Refinery Olefins	--	--	--	3	--	--	--	0	--	--	4
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	1	--	--	--	0	--	--	1
Normal Butylene	--	--	--	3	--	--	--	0	--	--	3
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-2	32	--	1	-16	41	6	43	2	4
Hydrogen/Biofuels/Other Hydrocarbons	--	--	32	--	0	0	15	1	41	2	4
Hydrogen	--	--	--	--	--	--	8	--	8	--	0
Biofuels (including Fuel Ethanol)	--	--	32	--	0	0	8	1	33	2	4
Fuel Ethanol	--	--	14	--	--	12	8	0	31	2	0
Biofuels (excluding Fuel Ethanol)	--	--	19	--	0	-12	--	1	2	--	4
Biodiesel	--	--	--	--	0	1	--	0	1	--	0
Renewable Diesel Fuel	--	--	15	--	--	-13	--	1	--	NA	2
Other Biofuels ⁶	--	--	3	--	--	--	--	0	1	NA	2
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-2	--	--	--	--	--	3	-5	--	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	0	-16	26	1	8	0	0
Reformulated	--	--	--	--	--	11	--	-3	21	--	--
Conventional	--	--	--	--	0	-27	18	4	-13	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	725	5	-21	-33	-4	--	0	680
Finished Motor Gasoline	--	--	0	368	--	-15	-33	0	--	--	320
Reformulated	--	--	--	26	--	--	-8	--	--	--	18
Conventional	--	--	0	343	--	-15	-25	0	--	--	303
Finished Aviation Gasoline	--	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	0	37	1	26	--	4	--	--	60
Kerosene	--	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	0	222	2	-2	--	-1	--	--	223
15 ppm sulfur and under	--	--	0	224	2	-2	--	0	--	--	224
Greater than 15 to 500 ppm sulfur	--	--	--	-1	--	--	--	0	--	--	-1
Greater than 500 ppm sulfur	--	--	--	-1	--	--	--	-1	--	--	0
Residual Fuel Oil	--	--	--	12	--	--	--	0	--	--	12
Less than 0.31 percent sulfur	--	--	--	7	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	1	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	4	--	--	--	-1	--	NA	NA
Petrochemical Feedstocks	--	--	--	1	--	--	--	--	--	--	1
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	1	--	--	--	--	--	--	1
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	0	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	--	21	--	-14	--	0	--	0	7
Marketable	--	--	--	14	--	-14	--	0	--	0	0
Catalyst	--	--	--	7	--	--	--	--	--	--	7
Asphalt and Road Oil	--	--	--	39	3	-17	--	-7	--	0	32
Still Gas	--	--	--	22	--	--	--	--	--	--	22
Miscellaneous Products	--	--	--	3	--	--	--	0	--	0	3
Total	1,579	0	32	733	419	-1,272	-83	-25	701	3	729

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, November 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,007	24	--	--	414	-763	-45	25	613	0	0
Hydrocarbon Gas Liquids	569	-22	0	5	14	-538	--	-23	20	0	29
Natural Gas Liquids	569	-22	0	2	14	-538	--	-22	20	0	25
Ethane	159	--	--	--	--	-165	--	-6	--	--	0
Propane	202	--	--	8	14	-181	--	-1	--	--	43
Normal Butane	79	--	--	-8	--	-86	--	-19	10	0	-6
Isobutane	36	--	--	1	--	-41	--	2	7	--	-13
Natural Gasoline	93	-22	0	--	0	-65	--	2	4	0	0
Refinery Olefins	--	--	--	3	--	--	--	-1	--	--	4
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	1	--	--	--	0	--	--	1
Normal Butylene	--	--	--	2	--	--	--	-1	--	--	4
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-2	26	--	1	-18	53	8	48	2	1
Hydrogen/Biofuels/Other Hydrocarbons	--	--	26	--	0	-1	16	-1	39	2	1
Hydrogen	--	--	--	--	--	--	7	--	7	--	0
Biofuels (including Fuel Ethanol)	--	--	26	--	0	-1	9	-1	32	2	1
Fuel Ethanol	--	--	13	--	--	10	9	0	30	2	0
Biofuels (excluding Fuel Ethanol)	--	--	12	--	0	-11	--	-1	2	--	1
Biodiesel	--	--	--	--	0	1	--	0	1	--	0
Renewable Diesel Fuel	--	--	10	--	--	-11	--	-1	--	NA	0
Other Biofuels ⁶	--	--	2	--	--	--	--	0	1	NA	2
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-2	--	--	--	--	--	1	-2	0	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	0	-18	37	8	12	0	0
Reformulated	--	--	--	--	--	11	--	3	42	--	--
Conventional	--	--	--	--	0	-28	2	5	-31	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	703	6	-23	-46	23	--	0	617
Finished Motor Gasoline	--	--	--	366	--	-15	-46	7	--	--	298
Reformulated	--	--	--	50	--	--	-35	--	--	--	16
Conventional	--	--	--	316	--	-15	-11	7	--	--	283
Finished Aviation Gasoline	--	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	--	33	1	26	--	0	--	--	59
Kerosene	--	--	--	0	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	0	216	2	1	--	17	--	--	202
15 ppm sulfur and under	--	--	0	215	2	1	--	16	--	--	201
Greater than 15 to 500 ppm sulfur	--	--	--	0	--	--	--	-1	--	--	1
Greater than 500 ppm sulfur	--	--	--	1	--	--	--	2	--	--	0
Residual Fuel Oil	--	--	--	12	--	--	--	0	--	--	12
Less than 0.31 percent sulfur	--	--	--	7	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	1	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	4	--	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	1	--	--	--	--	--	--	1
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	1	--	--	--	--	--	--	1
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	0	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	--	23	--	-17	--	0	--	--	6
Marketable	--	--	--	16	--	-17	--	0	--	--	-1
Catalyst	--	--	--	7	--	--	--	--	--	--	7
Asphalt and Road Oil	--	--	--	29	3	-18	--	-1	--	0	15
Still Gas	--	--	--	21	--	--	--	--	--	--	21
Miscellaneous Products	--	--	--	2	--	--	--	0	--	--	2
Total	1,577	0	25	708	434	-1,343	-38	33	681	2	647

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, December 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,017	21	--	--	444	-797	-73	37	576	0	0
Hydrocarbon Gas Liquids	553	-21	0	1	17	-529	--	-32	23	0	29
Natural Gas Liquids	553	-21	0	-1	17	-529	--	-32	23	0	27
Ethane	146	--	--	--	--	-160	--	-3	--	--	-11
Propane	201	--	--	7	16	-180	--	-3	--	--	47
Normal Butane	78	--	--	-8	0	-81	--	-26	12	--	3
Isobutane	36	--	--	0	0	-41	--	0	7	--	-11
Natural Gasoline	92	-21	0	--	0	-67	--	0	4	0	0
Refinery Olefins	--	--	--	2	--	--	--	0	--	--	2
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	0	--	--	--	0	--	--	0
Normal Butylene	--	--	--	2	--	--	--	0	--	--	1
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	0	40	--	0	-14	43	9	48	2	10
Hydrogen/Biofuels/Other Hydrocarbons	--	--	40	--	0	2	11	5	36	2	10
Hydrogen	--	--	--	--	--	--	7	--	7	--	0
Biofuels (including Fuel Ethanol)	--	--	40	--	0	2	5	5	30	2	10
Fuel Ethanol	--	--	14	--	--	11	5	0	29	2	0
Biofuels (excluding Fuel Ethanol)	--	--	26	--	0	-9	--	6	1	--	10
Biodiesel	--	--	--	--	0	1	--	0	0	--	1
Renewable Diesel Fuel	--	--	22	--	--	-10	--	5	--	NA	7
Other Biofuels ⁶	--	--	4	--	--	--	--	1	1	NA	3
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	0	--	--	--	--	--	1	-1	--	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	0	-16	32	2	13	0	0
Reformulated	--	--	--	--	--	21	--	3	58	--	--
Conventional	--	--	--	--	0	-37	-9	-1	-45	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	672	8	-14	-36	21	--	0	608
Finished Motor Gasoline	--	--	--	354	--	-17	-36	5	--	0	295
Reformulated	--	--	--	67	--	--	-41	--	--	--	26
Conventional	--	--	--	287	--	-17	5	5	--	0	270
Finished Aviation Gasoline	--	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	0	34	0	26	--	-3	--	--	62
Kerosene	--	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	0	199	2	-2	--	11	--	--	189
15 ppm sulfur and under	--	--	0	198	2	-2	--	9	--	--	189
Greater than 15 to 500 ppm sulfur	--	--	--	1	--	--	--	1	--	--	0
Greater than 500 ppm sulfur	--	--	--	1	--	--	--	1	--	--	0
Residual Fuel Oil	--	--	--	11	0	--	--	0	--	--	11
Less than 0.31 percent sulfur	--	--	--	7	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	0	0	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	3	--	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	1	--	--	--	--	--	--	1
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	1	--	--	--	--	--	--	1
Special Naphthas	--	--	--	--	0	--	--	--	--	--	0
Lubricants	--	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	--	--	--
Petroleum Coke	--	--	--	22	--	-10	--	0	--	--	12
Marketable	--	--	--	15	--	-10	--	0	--	--	5
Catalyst	--	--	--	7	--	--	--	--	--	--	7
Asphalt and Road Oil	--	--	--	28	5	-11	--	7	--	0	15
Still Gas	--	--	--	21	--	--	--	--	--	--	21
Miscellaneous Products	--	--	--	2	--	--	--	0	--	0	2
Total	1,570	0	40	672	469	-1,354	-66	35	647	2	647

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 11. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	24,148	2,460	--	--	35,031	3,215	-2,293	3	62,558	--	0	48,005
Hydrocarbon Gas Liquids	2,206	-1,821	-3	-171	1,838	2,021	--	-696	1,162	1,026	2,579	3,151
Natural Gas Liquids	2,206	-1,821	-3	-335	1,838	2,021	--	-703	1,162	1,026	2,422	3,127
Ethane	1	--	--	--	--	--	--	--	--	--	1	--
Propane	241	-27	--	791	1,326	704	--	-326	--	743	2,618	1,154
Normal Butane	586	-515	--	-1,168	512	1,104	--	-466	635	259	91	1,567
Isobutane	258	-202	--	42	--	214	--	91	507	2	-288	387
Natural Gasoline	1,120	-1,077	-3	--	--	--	--	-2	20	23	0	19
Refinery Olefins	--	--	--	164	--	--	--	7	--	--	157	24
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	178	--	--	--	-2	--	--	180	12
Normal Butylene	--	--	--	-14	--	--	--	9	--	--	-23	12
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-640	917	--	2,823	11,163	4	-729	11,371	426	3,199	54,034
Hydrogen/Biofuels/Other Hydrocarbons	--	--	917	--	737	6,353	1,881	84	6,314	291	3,199	5,763
Hydrogen	--	--	--	--	--	--	1,275	--	1,275	--	0	--
Biofuels (including Fuel Ethanol)	--	--	917	--	737	6,353	606	84	5,039	291	3,199	5,763
Fuel Ethanol	--	--	82	--	--	3,807	606	-67	4,302	260	0	2,465
Biofuels (excluding Fuel Ethanol)	--	--	835	--	737	2,546	--	150	737	32	3,199	3,298
Biodiesel	--	--	300	--	104	365	--	262	338	32	138	949
Renewable Diesel Fuel	--	--	506	--	633	2,181	--	-111	385	NA	3,046	2,294
Other Biofuels ⁶	--	--	28	--	--	--	--	-1	14	NA	15	55
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-640	--	--	1,629	--	--	-580	1,548	21	0	18,133
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	457	4,810	-1,877	-233	3,509	114	0	30,139
Reformulated	--	--	0	--	--	1,876	-207	-439	2,106	2	0	14,914
Conventional	--	--	0	--	457	2,934	-1,670	206	1,403	112	0	15,224
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	56	79,997	3,442	1,888	1,271	-1,609	--	10,156	78,107	33,057
Finished Motor Gasoline	--	--	56	42,765	131	59	1,271	-161	--	1,386	43,057	2,040
Reformulated	--	--	--	29,372	--	--	460	3	--	--	29,829	18
Conventional	--	--	56	13,393	131	59	810	-164	--	1,386	13,228	2,022
Finished Aviation Gasoline	--	--	--	--	1	--	--	-16	--	--	17	321
Kerosene-Type Jet Fuel	--	--	2	12,528	2,513	225	--	-589	--	795	15,063	8,341
Kerosene	--	--	--	2	--	--	--	-2	--	0	4	11
Distillate Fuel Oil	--	--	-2	13,831	174	1,137	--	-814	--	3,314	12,641	12,484
15 ppm sulfur and under	--	--	-2	13,169	174	1,137	--	-546	--	2,770	12,254	11,828
Greater than 15 to 500 ppm sulfur	--	--	--	258	--	--	--	5	--	53	200	237
Greater than 500 ppm sulfur	--	--	--	404	--	--	--	-273	--	491	186	419
Residual Fuel Oil	--	--	--	2,242	316	--	--	-417	--	822	2,153	4,673
Less than 0.31 percent sulfur	--	--	--	40	240	--	--	-27	--	NA	NA	674
0.31 to 1.00 percent sulfur	--	--	--	571	76	--	--	-244	--	NA	NA	610
Greater than 1.00 percent sulfur	--	--	--	1,631	--	--	--	-146	--	NA	NA	3,389
Petrochemical Feedstocks	--	--	--	--	38	--	--	--	--	100	-62	--
Naphtha for Petro. Feed. Use	--	--	--	--	38	--	--	--	--	--	38	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	100	-100	--
Special Naphthas	--	--	--	33	37	--	--	28	--	--	42	60
Lubricants	--	--	--	458	5	--	--	16	--	240	207	1,043
Waxes	--	--	--	--	13	--	--	--	--	5	8	--
Petroleum Coke	--	--	--	3,585	--	-24	--	-85	--	3,473	173	1,179
Marketable	--	--	--	2,679	--	--	--	-85	--	3,473	-733	1,179
Catalyst	--	--	--	906	--	--	--	--	--	--	906	--
Asphalt and Road Oil	--	--	--	671	214	491	--	438	--	22	916	2,833
Still Gas	--	--	--	3,487	--	--	--	--	--	--	3,487	--
Miscellaneous Products	--	--	--	395	--	--	--	-6	--	0	401	72
Total	26,354	0	971	79,826	43,134	18,286	-1,018	-3,031	75,091	11,608	83,885	138,248

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctene, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 11. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, February 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	21,937	1,311	--	--	33,136	3,238	-173	1,282	58,167	--	0	49,287
Hydrocarbon Gas Liquids	1,943	-1,607	-3	851	1,582	1,011	--	-306	732	1,572	1,779	2,845
Natural Gas Liquids	1,943	-1,607	-3	721	1,582	1,011	--	-402	732	1,572	1,745	2,725
Ethane	1	--	--	--	--	--	--	--	--	--	1	--
Propane	212	-25	--	687	1,024	313	--	-373	--	932	1,652	781
Normal Butane	561	-452	--	7	548	550	--	-23	210	629	398	1,544
Isobutane	182	-177	--	27	10	147	--	-9	505	--	-307	378
Natural Gasoline	987	-953	-3	--	--	--	--	3	17	11	0	22
Refinery Olefins	--	--	--	130	--	--	--	96	--	--	34	120
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	142	--	--	--	8	--	--	134	20
Normal Butylene	--	--	--	-12	--	--	--	88	--	--	-100	100
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	296	945	--	3,585	10,083	226	928	10,975	707	2,526	54,962
Hydrogen/Biofuels/Other Hydrocarbons	--	--	946	--	648	5,632	1,672	132	5,899	341	2,526	5,895
Hydrogen	--	--	--	--	--	--	1,049	--	1,049	--	0	--
Biofuels (including Fuel Ethanol)	--	--	946	--	648	5,632	623	132	4,850	341	2,526	5,895
Fuel Ethanol	--	--	72	--	--	3,639	623	-14	4,060	288	0	2,451
Biofuels (excluding Fuel Ethanol)	--	--	873	--	648	1,993	--	146	790	53	2,526	3,443
Biodiesel	--	--	129	--	102	291	--	-61	364	53	166	888
Renewable Diesel Fuel	--	--	723	--	546	1,702	--	197	418	NA	2,356	2,491
Other Biofuels ⁶	--	--	22	--	--	--	--	10	8	NA	4	65
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	296	--	--	2,134	--	--	2,334	-107	203	0	20,467
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	803	4,451	-1,446	-1,538	5,183	163	0	28,601
Reformulated	--	--	0	--	142	1,845	522	-1,543	4,052	0	0	13,371
Conventional	--	--	0	--	661	2,606	-1,968	5	1,131	163	0	15,229
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	54	73,249	5,385	1,989	823	1,390	--	6,698	73,410	34,448
Finished Motor Gasoline	--	--	52	39,530	330	86	823	-148	--	881	40,089	1,892
Reformulated	--	--	--	27,932	--	--	-290	-2	--	--	27,644	16
Conventional	--	--	52	11,598	330	86	1,113	-146	--	881	12,445	1,876
Finished Aviation Gasoline	--	--	--	1	--	--	--	-20	--	--	21	301
Kerosene-Type Jet Fuel	--	--	2	11,296	2,907	191	--	675	--	838	12,884	9,015
Kerosene	--	--	--	4	--	--	--	0	--	0	4	11
Distillate Fuel Oil	--	--	-1	12,587	726	1,216	--	133	--	1,824	12,571	12,617
15 ppm sulfur and under	--	--	-1	11,785	726	1,216	--	102	--	1,169	12,455	11,930
Greater than 15 to 500 ppm sulfur	--	--	--	274	--	--	--	-43	--	210	107	194
Greater than 500 ppm sulfur	--	--	--	528	--	--	--	74	--	445	9	493
Residual Fuel Oil	--	--	--	2,086	1,243	--	--	398	--	301	2,630	5,071
Less than 0.31 percent sulfur	--	--	--	55	--	--	--	276	--	NA	NA	950
0.31 to 1.00 percent sulfur	--	--	--	626	1,206	--	--	184	--	NA	NA	794
Greater than 1.00 percent sulfur	--	--	--	1,405	37	--	--	-62	--	NA	NA	3,327
Petrochemical Feedstocks	--	--	--	--	28	--	--	--	--	50	-22	--
Naphtha for Petro. Feed. Use	--	--	--	--	28	--	--	--	--	--	28	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	50	-50	--
Special Naphthas	--	--	--	--	37	--	--	-33	--	--	70	27
Lubricants	--	--	--	445	40	--	--	311	--	63	111	1,354
Waxes	--	--	--	--	6	--	--	--	--	4	2	--
Petroleum Coke	--	--	--	3,312	--	54	--	-79	--	2,711	734	1,100
Marketable	--	--	--	2,612	--	--	--	-79	--	2,711	34	1,100
Catalyst	--	--	--	700	--	--	--	--	--	--	700	--
Asphalt and Road Oil	--	--	--	662	68	442	--	150	--	27	995	2,983
Still Gas	--	--	--	2,976	--	--	--	--	--	--	2,976	--
Miscellaneous Products	--	--	--	350	--	--	--	4	--	0	346	76
Total	23,880	0	996	74,100	43,688	16,321	876	3,294	69,874	8,978	77,715	141,542

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 11. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, March 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	23,887	1,347	--	--	38,525	2,473	2,523	115	67,587	1,053	0	49,402
Hydrocarbon Gas Liquids	2,135	-1,771	-3	2,061	1,731	815	--	-348	632	2,619	2,065	2,497
Natural Gas Liquids	2,135	-1,771	-3	1,908	1,731	815	--	-262	632	2,619	1,826	2,463
Ethane	1	--	--	--	--	--	--	--	--	--	1	--
Propane	228	-23	--	919	1,142	436	--	-364	--	1,389	1,677	417
Normal Butane	616	-493	--	711	588	296	--	48	91	1,225	353	1,592
Isobutane	201	-194	--	278	1	83	--	50	522	3	-206	428
Natural Gasoline	1,089	-1,061	-3	--	--	--	--	4	19	2	0	26
Refinery Olefins	--	--	--	153	--	--	--	-86	--	--	239	34
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	170	--	--	--	-4	--	--	174	16
Normal Butylene	--	--	--	-17	--	--	--	-82	--	--	65	18
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	424	1,275	--	4,136	11,333	-936	769	11,458	442	3,563	55,732
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,276	--	857	7,057	1,213	-124	6,748	217	3,563	5,770
Hydrogen	--	--	--	--	--	--	1,335	--	1,335	--	0	--
Biofuels (including Fuel Ethanol)	--	--	1,276	--	857	7,057	-122	-124	5,413	217	3,563	5,770
Fuel Ethanol	--	--	86	--	--	4,592	-122	-110	4,513	153	0	2,341
Biofuels (excluding Fuel Ethanol)	--	--	1,190	--	857	2,466	--	-15	900	64	3,563	3,429
Biodiesel	--	--	273	--	124	366	--	75	405	64	218	963
Renewable Diesel Fuel	--	--	879	--	733	2,100	--	-107	471	NA	3,348	2,384
Other Biofuels ⁶	--	--	38	--	--	--	--	17	24	NA	-3	82
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	424	--	--	76	-70	--	383	6	41	0	20,850
Motor Gasoline Blend.Comp. (MGBC)	--	--	-1	--	3,203	4,346	-2,150	511	4,704	184	0	29,112
Reformulated	--	--	0	--	316	1,521	256	263	1,829	1	0	13,634
Conventional	--	--	-1	--	2,887	2,825	-2,406	248	2,875	183	0	15,477
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	60	82,225	4,791	1,874	2,271	854	--	10,460	79,907	35,302
Finished Motor Gasoline	--	--	57	43,832	1,019	75	2,271	148	--	612	46,495	2,040
Reformulated	--	--	--	30,746	--	--	366	0	--	--	31,112	16
Conventional	--	--	57	13,086	1,019	75	1,905	148	--	612	15,382	2,024
Finished Aviation Gasoline	--	--	--	10	1	--	--	-80	--	--	91	221
Kerosene-Type Jet Fuel	--	--	5	12,964	3,262	265	--	343	--	853	15,300	9,358
Kerosene	--	--	--	2	--	--	--	-2	--	0	4	9
Distillate Fuel Oil	--	--	-2	14,208	308	1,091	--	649	--	3,305	11,651	13,267
15 ppm sulfur and under	--	--	-2	13,332	308	1,091	--	328	--	2,561	11,841	12,259
Greater than 15 to 500 ppm sulfur	--	--	--	459	--	--	--	195	--	193	71	389
Greater than 500 ppm sulfur	--	--	--	417	--	--	--	126	--	552	-261	619
Residual Fuel Oil	--	--	--	2,163	--	--	--	-362	--	1,508	1,017	4,709
Less than 0.31 percent sulfur	--	--	--	53	--	--	--	132	--	NA	NA	1,082
0.31 to 1.00 percent sulfur	--	--	--	614	--	--	--	-53	--	NA	NA	741
Greater than 1.00 percent sulfur	--	--	--	1,496	--	--	--	-441	--	NA	NA	2,886
Petrochemical Feedstocks	--	--	--	38	--	--	--	--	--	--	38	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	38	--	--	--	--	--	--	38	--
Special Naphthas	--	--	--	28	23	--	--	28	--	--	23	55
Lubricants	--	--	--	294	67	-80	--	-182	--	323	140	1,172
Waxes	--	--	--	--	7	--	--	--	--	5	2	--
Petroleum Coke	--	--	--	3,877	--	76	--	144	--	3,826	-17	1,244
Marketable	--	--	--	3,084	--	--	--	144	--	3,826	-810	1,244
Catalyst	--	--	--	793	--	--	--	--	--	--	793	--
Asphalt and Road Oil	--	--	--	680	104	448	--	178	--	28	1,025	3,161
Still Gas	--	--	--	3,739	--	--	--	--	--	--	3,739	--
Miscellaneous Products	--	--	--	390	--	--	--	-9	--	0	399	67
Total	26,022	0	1,332	84,286	49,183	16,495	3,858	1,390	79,677	14,574	85,534	142,932

-- = Not Applicable.
- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 11. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, April 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	23,347	3,336	--	--	39,169	3,775	-3,381	2,789	63,457	--	0	52,191
Hydrocarbon Gas Liquids	1,985	-1,616	-3	2,205	1,520	712	--	360	560	1,506	2,377	2,857
Natural Gas Liquids	1,985	-1,616	-3	2,051	1,520	712	--	344	560	1,506	2,239	2,807
Ethane	1	--	--	--	--	--	--	--	--	--	1	--
Propane	210	-26	--	955	902	445	--	264	--	861	1,361	681
Normal Butane	549	-459	--	1,007	618	125	--	63	93	618	1,067	1,655
Isobutane	213	-181	--	89	--	141	--	-1	450	3	-190	427
Natural Gasoline	1,012	-950	-3	--	--	--	--	18	17	24	0	44
Refinery Olefins	--	--	--	154	--	--	--	16	--	--	138	50
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	187	--	--	--	-1	--	--	188	15
Normal Butylene	--	--	--	-33	--	--	--	17	--	--	-50	35
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-1,720	1,263	--	4,222	9,744	1,068	-945	12,538	394	2,590	54,787
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,263	--	564	6,185	1,563	358	6,444	183	2,590	6,128
Hydrogen	--	--	--	--	--	--	1,309	--	1,309	--	0	--
Biofuels (including Fuel Ethanol)	--	--	1,263	--	564	6,185	254	358	5,135	183	2,590	6,128
Fuel Ethanol	--	--	91	--	--	4,186	254	-80	4,481	130	0	2,261
Biofuels (excluding Fuel Ethanol)	--	--	1,172	--	564	1,999	--	438	654	53	2,590	3,867
Biodiesel	--	--	271	--	144	247	--	52	367	53	189	1,015
Renewable Diesel Fuel	--	--	894	--	420	1,752	--	387	280	NA	2,399	2,771
Other Biofuels ⁶	--	--	8	--	--	--	--	-1	7	NA	2	81
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-1,720	--	--	1,792	-85	--	-639	622	4	0	20,211
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	1,866	3,644	-495	-664	5,472	207	0	28,448
Reformulated	--	--	0	--	319	1,189	357	-287	2,152	--	0	13,347
Conventional	--	--	0	--	1,547	2,455	-852	-377	3,320	207	0	15,100
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	42	80,153	3,990	1,448	241	-1,596	--	8,666	78,804	33,705
Finished Motor Gasoline	--	--	36	43,912	1,188	101	241	-48	--	765	44,761	1,992
Reformulated	--	--	--	30,704	--	--	-705	4	--	--	29,995	20
Conventional	--	--	36	13,208	1,188	101	947	-52	--	765	14,766	1,972
Finished Aviation Gasoline	--	--	--	-11	2	--	--	19	--	--	-28	240
Kerosene-Type Jet Fuel	--	--	7	12,465	2,056	111	--	-228	--	492	14,375	9,130
Kerosene	--	--	--	-2	--	--	--	-2	--	0	0	7
Distillate Fuel Oil	--	--	-2	13,231	164	846	--	-996	--	3,387	11,848	12,270
15 ppm sulfur and under	--	--	-2	12,688	164	846	--	-751	--	3,347	11,100	11,507
Greater than 15 to 500 ppm sulfur	--	--	--	166	--	--	--	-181	--	19	328	208
Greater than 500 ppm sulfur	--	--	--	377	--	--	--	-64	--	20	421	555
Residual Fuel Oil	--	--	--	1,750	452	--	--	-388	--	671	1,919	4,321
Less than 0.31 percent sulfur	--	--	--	41	313	--	--	-13	--	NA	NA	1,069
0.31 to 1.00 percent sulfur	--	--	--	697	139	--	--	41	--	NA	NA	782
Greater than 1.00 percent sulfur	--	--	--	1,012	--	--	--	-416	--	NA	NA	2,470
Petrochemical Feedstocks	--	--	--	140	28	--	--	--	--	--	168	--
Naphtha for Petro. Feed. Use	--	--	--	--	28	--	--	--	--	--	28	--
Other Oils for Petro. Feed. Use	--	--	--	140	--	--	--	--	--	--	140	--
Special Naphthas	--	--	--	36	17	--	--	-38	--	--	91	17
Lubricants	--	--	--	411	6	8	--	153	--	89	183	1,325
Waxes	--	--	--	--	8	--	--	--	--	4	4	--
Petroleum Coke	--	--	--	3,799	--	-1	--	-131	--	3,236	693	1,113
Marketable	--	--	--	2,958	--	--	--	-131	--	3,236	-148	1,113
Catalyst	--	--	--	841	--	--	--	--	--	--	841	--
Asphalt and Road Oil	--	--	--	789	69	383	--	71	--	22	1,148	3,232
Still Gas	--	--	--	3,237	--	--	--	--	--	--	3,237	--
Miscellaneous Products	--	--	--	396	--	--	--	-9	--	--	405	58
Total	25,332	0	1,302	82,358	48,901	15,679	-2,072	608	76,555	10,566	83,771	143,540

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 11. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, May 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	24,047	2,582	--	--	36,493	3,472	1,486	-446	68,527	--	0	51,745
Hydrocarbon Gas Liquids	2,042	-1,672	-3	2,317	1,460	886	--	703	681	1,717	1,928	3,561
Natural Gas Liquids	2,042	-1,672	-3	2,200	1,460	886	--	707	681	1,717	1,807	3,515
Ethane	1	--	--	--	--	--	--	--	--	--	1	--
Propane	240	-24	--	957	816	661	--	590	--	859	1,201	1,271
Normal Butane	566	-459	--	1,169	631	89	--	86	35	856	1,019	1,741
Isobutane	207	-180	--	74	13	135	--	38	625	0	-414	465
Natural Gasoline	1,028	-1,009	-3	--	--	--	--	-7	21	1	0	38
Refinery Olefins	--	--	--	117	--	--	--	-4	--	--	121	46
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	166	--	--	--	-6	--	--	172	9
Normal Butylene	--	--	--	-49	--	--	--	2	--	--	-51	37
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-911	1,566	--	5,071	11,173	-629	-2,736	14,388	542	4,076	52,051
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,566	--	1,121	7,100	912	-498	6,872	249	4,076	5,630
Hydrogen	--	--	--	--	--	--	1,340	--	1,340	--	0	--
Biofuels (including Fuel Ethanol)	--	--	1,566	--	1,121	7,100	-428	-498	5,532	249	4,076	5,630
Fuel Ethanol	--	--	91	--	--	5,344	-428	154	4,723	130	0	2,415
Biofuels (excluding Fuel Ethanol)	--	--	1,475	--	1,121	1,756	--	-652	809	119	4,076	3,215
Biodiesel	--	--	312	--	145	224	--	-214	401	119	375	801
Renewable Diesel Fuel	--	--	1,146	--	976	1,532	--	-433	404	NA	3,683	2,338
Other Biofuels ⁶	--	--	17	--	--	--	--	-5	4	NA	18	76
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-911	--	--	2,334	--	--	-1,114	2,444	93	0	19,097
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	1,616	4,073	-1,541	-1,124	5,072	200	0	27,324
Reformulated	--	--	0	--	--	1,432	25	-162	1,618	1	0	13,185
Conventional	--	--	0	--	1,616	2,641	-1,566	-962	3,454	199	0	14,138
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	61	85,296	4,911	1,595	1,969	-1,185	--	8,783	86,234	32,520
Finished Motor Gasoline	--	--	54	46,250	970	102	1,969	51	--	914	48,380	2,043
Reformulated	--	--	--	32,052	--	--	-146	-4	--	--	31,910	16
Conventional	--	--	54	14,198	970	102	2,116	55	--	914	16,470	2,027
Finished Aviation Gasoline	--	--	--	8	3	--	--	-23	--	--	34	217
Kerosene-Type Jet Fuel	--	--	10	12,616	2,810	93	--	-654	--	473	15,709	8,476
Kerosene	--	--	--	0	--	--	--	0	--	1	-1	7
Distillate Fuel Oil	--	--	-2	14,603	858	906	--	-343	--	2,875	13,833	11,928
15 ppm sulfur and under	--	--	-2	13,640	857	906	--	-653	--	2,771	13,283	10,855
Greater than 15 to 500 ppm sulfur	--	--	--	505	--	--	--	199	--	70	236	407
Greater than 500 ppm sulfur	--	--	--	458	1	--	--	111	--	34	314	666
Residual Fuel Oil	--	--	--	2,406	162	--	--	521	--	2	2,045	4,842
Less than 0.31 percent sulfur	--	--	--	52	--	--	--	-167	--	NA	NA	902
0.31 to 1.00 percent sulfur	--	--	--	783	162	--	--	42	--	NA	NA	824
Greater than 1.00 percent sulfur	--	--	--	1,571	--	--	--	646	--	NA	NA	3,116
Petrochemical Feedstocks	--	--	--	164	29	--	--	--	--	--	193	--
Naphtha for Petro. Feed. Use	--	--	--	--	29	--	--	--	--	--	29	--
Other Oils for Petro. Feed. Use	--	--	--	164	--	--	--	--	--	--	164	--
Special Naphthas	--	--	--	46	9	--	--	37	--	--	18	54
Lubricants	--	--	--	282	28	8	--	-317	--	506	129	1,008
Waxes	--	--	--	--	11	--	--	--	--	5	6	--
Petroleum Coke	--	--	--	3,974	--	115	--	-234	--	3,976	348	879
Marketable	--	--	--	3,049	--	--	--	-234	--	3,976	-577	879
Catalyst	--	--	--	925	--	--	--	--	--	--	925	--
Asphalt and Road Oil	--	--	--	904	31	371	--	-227	--	31	1,501	3,005
Still Gas	--	--	--	3,666	--	--	--	--	--	--	3,666	--
Miscellaneous Products	--	--	--	377	--	--	--	4	--	0	373	62
Total	26,089	0	1,624	87,613	47,935	17,125	2,826	-3,663	83,596	11,043	92,237	139,877

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 11. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, June 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	23,235	861	--	--	41,578	3,932	-721	-1,971	69,556	1,300	0	49,774
Hydrocarbon Gas Liquids	1,819	-1,455	-5	2,506	1,323	537	--	811	622	2,728	563	4,371
Natural Gas Liquids	1,819	-1,455	-5	2,241	1,323	537	--	721	622	2,728	388	4,235
Ethane	1	--	--	--	--	--	--	--	--	1	0	--
Propane	225	-22	--	1,026	684	301	--	405	--	1,189	621	1,676
Normal Butane	514	-398	--	1,080	576	107	--	297	16	1,535	32	2,038
Isobutane	176	-157	--	135	63	128	--	21	585	3	-264	486
Natural Gasoline	903	-878	-5	--	--	--	--	-2	21	1	0	35
Refinery Olefins	--	--	--	265	--	--	--	90	--	--	175	136
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	245	--	--	--	12	--	--	233	21
Normal Butylene	--	--	--	20	--	--	--	78	--	--	-58	115
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	595	1,781	--	3,594	11,490	-1,842	-449	11,532	456	4,077	51,602
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,781	--	903	7,119	1,225	-116	6,756	310	4,077	5,515
Hydrogen	--	--	--	--	--	--	1,292	--	1,292	--	0	--
Biofuels (including Fuel Ethanol)	--	--	1,781	--	903	7,119	-67	-116	5,464	310	4,077	5,515
Fuel Ethanol	--	--	180	--	--	4,602	-67	-1	4,553	164	0	2,415
Biofuels (excluding Fuel Ethanol)	--	--	1,600	--	903	2,517	--	-115	911	147	4,077	3,100
Biodiesel	--	--	287	--	222	239	--	-174	337	147	438	627
Renewable Diesel Fuel	--	--	1,299	--	681	2,278	--	50	562	NA	3,646	2,388
Other Biofuels ⁶	--	--	14	--	--	--	--	9	12	NA	-7	85
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	595	--	--	2,036	--	--	133	2,482	16	0	19,230
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	655	4,371	-3,068	-466	2,294	130	0	26,858
Reformulated	--	--	0	--	--	1,789	140	411	1,518	0	0	13,596
Conventional	--	--	0	--	655	2,582	-3,208	-877	776	130	0	13,261
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	62	84,455	5,119	2,291	3,134	-1,164	--	9,155	87,071	31,356
Finished Motor Gasoline	--	--	54	44,559	411	87	3,134	-14	--	1,219	47,040	2,029
Reformulated	--	--	--	30,901	--	--	200	-1	--	--	31,102	15
Conventional	--	--	54	13,658	411	87	2,934	-13	--	1,219	15,938	2,014
Finished Aviation Gasoline	--	--	--	115	3	--	--	62	--	--	56	279
Kerosene-Type Jet Fuel	--	--	9	14,085	3,231	284	--	451	--	621	16,538	8,927
Kerosene	--	--	--	2	--	--	--	2	--	1	-1	9
Distillate Fuel Oil	--	--	-2	14,142	689	1,173	--	-484	--	3,506	12,981	11,444
15 ppm sulfur and under	--	--	-2	13,749	688	1,173	--	-208	--	3,295	12,521	10,647
Greater than 15 to 500 ppm sulfur	--	--	--	231	--	--	--	-153	--	2	382	254
Greater than 500 ppm sulfur	--	--	--	162	1	--	--	-123	--	209	77	543
Residual Fuel Oil	--	--	--	1,995	686	--	--	-878	--	358	3,201	3,964
Less than 0.31 percent sulfur	--	--	--	47	305	--	--	92	--	NA	NA	994
0.31 to 1.00 percent sulfur	--	--	--	565	381	--	--	-280	--	NA	NA	544
Greater than 1.00 percent sulfur	--	--	--	1,383	--	--	--	-690	--	NA	NA	2,426
Petrochemical Feedstocks	--	--	--	21	28	--	--	--	--	314	-265	--
Naphtha for Petro. Feed. Use	--	--	--	--	28	--	--	--	--	--	28	--
Other Oils for Petro. Feed. Use	--	--	--	21	--	--	--	--	--	314	-293	--
Special Naphthas	--	--	--	9	8	--	--	-4	--	--	21	50
Lubricants	--	--	--	236	4	14	--	18	--	87	149	1,026
Waxes	--	--	--	--	25	--	--	--	--	5	20	--
Petroleum Coke	--	--	--	4,206	--	66	--	20	--	3,018	1,233	899
Marketable	--	--	--	3,259	--	--	--	20	--	3,018	286	899
Catalyst	--	--	--	947	--	--	--	--	--	--	947	--
Asphalt and Road Oil	--	--	--	873	34	668	--	-336	--	26	1,885	2,669
Still Gas	--	--	--	3,816	--	--	--	--	--	--	3,816	--
Miscellaneous Products	--	--	--	396	--	--	--	-1	--	1	396	61
Total	25,054	0	1,837	86,961	51,614	18,250	571	-2,773	81,710	13,639	91,711	137,104

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 11. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, July 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	23,056	1,562	--	--	35,549	4,386	1,220	-4,978	70,751	0	0	44,796
Hydrocarbon Gas Liquids	1,721	-1,336	-6	2,015	1,381	713	--	558	518	1,458	1,954	4,929
Natural Gas Liquids	1,721	-1,336	-6	1,804	1,381	713	--	473	518	1,458	1,828	4,708
Ethane	--	--	--	--	--	--	--	--	--	--	--	--
Propane	235	-22	--	977	705	421	--	387	--	834	1,095	2,063
Normal Butane	501	-361	--	785	603	227	--	156	42	620	937	2,194
Isobutane	146	-142	--	42	73	65	--	-72	457	2	-203	414
Natural Gasoline	839	-811	-6	--	--	--	--	2	19	1	0	37
Refinery Olefins	--	--	--	211	--	--	--	85	--	--	126	221
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	298	--	--	--	2	--	--	296	23
Normal Butylene	--	--	--	-87	--	--	--	83	--	--	-170	198
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-225	1,606	--	3,257	11,669	-708	-265	11,101	998	3,767	51,337
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,606	--	904	7,533	730	107	6,614	287	3,767	5,621
Hydrogen	--	--	--	--	--	--	1,405	--	1,405	--	0	--
Biofuels (including Fuel Ethanol)	--	--	1,606	--	904	7,533	-675	107	5,209	287	3,767	5,621
Fuel Ethanol	--	--	229	--	--	5,283	-675	18	4,651	167	0	2,433
Biofuels (excluding Fuel Ethanol)	--	--	1,378	--	904	2,251	--	88	558	120	3,767	3,188
Biodiesel	--	--	277	--	121	209	--	-108	326	120	270	519
Renewable Diesel Fuel	--	--	1,111	--	783	2,042	--	226	230	NA	3,480	2,614
Other Biofuels ⁶	--	--	-10	--	--	--	--	-29	2	NA	17	56
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-225	--	--	1,735	-217	--	-312	1,152	453	0	18,918
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	618	4,353	-1,438	-60	3,335	258	0	26,798
Reformulated	--	--	--	--	--	1,669	-266	-192	1,594	1	0	13,404
Conventional	--	--	0	--	618	2,684	-1,172	132	1,741	257	0	13,393
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	71	85,138	4,175	2,096	2,113	319	--	9,324	83,949	31,675
Finished Motor Gasoline	--	--	54	45,669	684	91	2,113	-442	--	824	48,229	1,587
Reformulated	--	--	--	31,291	--	--	45	1	--	--	31,335	16
Conventional	--	--	54	14,378	684	91	2,068	-443	--	824	16,894	1,571
Finished Aviation Gasoline	--	--	--	-11	1	--	--	-55	--	--	45	224
Kerosene-Type Jet Fuel	--	--	19	14,620	2,691	259	--	706	--	534	16,349	9,633
Kerosene	--	--	--	0	--	--	--	-1	--	0	1	8
Distillate Fuel Oil	--	--	-2	13,027	485	1,142	--	-335	--	3,271	11,716	11,109
15 ppm sulfur and under	--	--	-2	12,514	484	1,142	--	-223	--	3,219	11,142	10,424
Greater than 15 to 500 ppm sulfur	--	--	--	247	--	--	--	-106	--	1	352	148
Greater than 500 ppm sulfur	--	--	--	266	1	--	--	-6	--	51	222	537
Residual Fuel Oil	--	--	--	2,380	137	--	--	576	--	361	1,580	4,540
Less than 0.31 percent sulfur	--	--	--	58	--	--	--	73	--	NA	NA	1,067
0.31 to 1.00 percent sulfur	--	--	--	657	99	--	--	26	--	NA	NA	570
Greater than 1.00 percent sulfur	--	--	--	1,665	38	--	--	477	--	NA	NA	2,903
Petrochemical Feedstocks	--	--	--	191	27	--	--	--	--	308	-90	--
Naphtha for Petro. Feed. Use	--	--	--	--	27	--	--	--	--	--	27	--
Other Oils for Petro. Feed. Use	--	--	--	191	--	--	--	--	--	308	-117	--
Special Naphthas	--	--	--	33	11	--	--	-8	--	--	52	42
Lubricants	--	--	--	244	62	10	--	-206	--	376	146	820
Waxes	--	--	--	--	8	--	--	--	--	3	5	--
Petroleum Coke	--	--	--	3,942	--	55	--	168	--	3,620	209	1,067
Marketable	--	--	--	2,967	--	--	--	168	--	3,620	-766	1,067
Catalyst	--	--	--	975	--	--	--	--	--	--	975	--
Asphalt and Road Oil	--	--	--	952	69	539	--	-90	--	26	1,624	2,579
Still Gas	--	--	--	3,693	--	--	--	--	--	--	3,693	--
Miscellaneous Products	--	--	--	398	--	--	--	6	--	0	392	67
Total	24,777	0	1,672	87,153	44,362	18,865	2,625	-4,366	82,370	11,779	89,670	132,737

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 11. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, August 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	22,930	712	--	--	45,378	3,591	-82	1,110	70,659	760	0	45,906
Hydrocarbon Gas Liquids	1,546	-1,167	-6	2,082	1,420	1,094	--	821	800	1,831	1,517	5,750
Natural Gas Liquids	1,546	-1,167	-6	1,932	1,420	1,094	--	916	800	1,831	1,272	5,624
Ethane	--	--	--	--	--	--	--	--	--	--	--	--
Propane	234	-21	--	960	781	579	--	373	--	1,089	1,071	2,436
Normal Butane	445	-309	--	840	559	272	--	529	92	737	449	2,723
Isobutane	131	-121	--	132	80	244	--	18	694	2	-248	432
Natural Gasoline	736	-716	-6	--	--	--	--	-4	14	3	0	33
Refinery Olefins	--	--	--	150	--	--	--	-95	--	--	245	126
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	132	--	--	--	-10	--	--	142	13
Normal Butylene	--	--	--	18	--	--	--	-85	--	--	103	113
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	455	1,747	--	3,945	10,107	660	-649	13,209	516	3,838	50,688
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,747	--	1,481	6,138	2,408	578	7,046	312	3,838	6,199
Hydrogen	--	--	--	--	--	--	1,427	--	1,427	--	0	--
Biofuels (including Fuel Ethanol)	--	--	1,747	--	1,481	6,138	981	578	5,619	312	3,838	6,199
Fuel Ethanol	--	--	260	--	249	3,755	981	284	4,750	210	0	2,717
Biofuels (excluding Fuel Ethanol)	--	--	1,487	--	1,232	2,383	--	293	869	102	3,838	3,482
Biodiesel	--	--	300	--	229	358	--	131	355	102	299	651
Renewable Diesel Fuel	--	--	1,197	--	1,003	2,025	--	107	514	NA	3,604	2,721
Other Biofuels ⁶	--	--	-10	--	0	--	--	54	--	NA	-65	110
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	455	--	--	1,714	--	--	432	1,716	21	0	19,350
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	750	3,969	-1,748	-1,659	4,447	183	0	25,139
Reformulated	--	--	0	--	--	1,306	-53	-1,523	2,776	--	0	11,881
Conventional	--	--	--	--	750	2,663	-1,695	-136	1,671	183	0	13,257
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	37	87,817	3,840	2,054	767	-1,224	--	8,661	87,078	30,451
Finished Motor Gasoline	--	--	27	46,575	550	124	767	572	--	869	46,602	2,158
Reformulated	--	--	--	32,127	--	--	-139	-6	--	--	31,994	10
Conventional	--	--	27	14,448	550	124	906	578	--	869	14,608	2,148
Finished Aviation Gasoline	--	--	--	50	3	--	--	11	--	--	42	235
Kerosene-Type Jet Fuel	--	--	12	14,615	2,018	274	--	-509	--	951	16,477	9,124
Kerosene	--	--	--	0	--	--	--	-1	--	0	1	7
Distillate Fuel Oil	--	--	-2	14,308	939	1,073	--	-520	--	2,879	13,959	10,589
15 ppm sulfur and under	--	--	-2	13,504	938	1,073	--	-606	--	2,482	13,637	9,818
Greater than 15 to 500 ppm sulfur	--	--	--	351	--	--	--	118	--	7	226	266
Greater than 500 ppm sulfur	--	--	--	453	1	--	--	-32	--	391	95	505
Residual Fuel Oil	--	--	--	2,830	63	--	--	-368	--	284	2,977	4,172
Less than 0.31 percent sulfur	--	--	--	47	--	--	--	-312	--	NA	NA	755
0.31 to 1.00 percent sulfur	--	--	--	676	63	--	--	75	--	NA	NA	645
Greater than 1.00 percent sulfur	--	--	--	2,107	--	--	--	-131	--	NA	NA	2,772
Petrochemical Feedstocks	--	--	--	95	--	--	--	--	--	146	-51	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	95	--	--	--	--	--	146	-51	--
Special Naphthas	--	--	--	25	74	--	--	9	--	--	90	51
Lubricants	--	--	--	223	54	13	--	54	--	67	169	874
Waxes	--	--	--	--	34	--	--	--	--	4	30	--
Petroleum Coke	--	--	--	3,948	--	-34	--	-109	--	3,415	609	958
Marketable	--	--	--	2,986	--	--	--	-109	--	3,415	-353	958
Catalyst	--	--	--	962	--	--	--	--	--	--	962	--
Asphalt and Road Oil	--	--	--	941	105	604	--	-350	--	46	1,954	2,229
Still Gas	--	--	--	3,819	--	--	--	--	--	--	3,819	--
Miscellaneous Products	--	--	--	388	--	--	--	-13	--	0	401	54
Total	24,476	0	1,777	89,899	54,583	16,846	1,345	58	84,668	11,768	92,433	132,795

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 11. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, September 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	21,989	2,741	--	--	41,862	2,916	-1,604	-1,909	69,813	--	0	43,997
Hydrocarbon Gas Liquids	1,783	-1,422	-6	1,645	1,438	879	--	283	663	1,462	1,908	6,034
Natural Gas Liquids	1,783	-1,422	-6	1,534	1,438	879	--	260	663	1,462	1,820	5,885
Ethane	--	--	--	--	--	--	--	--	--	--	--	--
Propane	225	-23	--	924	855	434	--	220	--	929	1,265	2,656
Normal Butane	513	-383	--	540	515	330	--	93	69	528	825	2,816
Isobutane	165	-150	--	70	68	115	--	-50	585	4	-270	382
Natural Gasoline	880	-866	-6	--	--	--	--	-3	9	1	0	31
Refinery Olefins	--	--	--	111	--	--	--	23	--	--	88	149
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	161	--	--	--	-2	--	--	163	11
Normal Butylene	--	--	--	-50	--	--	--	25	--	--	-75	138
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-1,319	1,871	--	3,215	11,169	1,963	2,389	9,298	604	4,607	53,077
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,871	--	770	7,412	1,402	15	6,545	296	4,599	6,214
Hydrogen	--	--	--	--	--	--	1,393	--	1,393	--	0	--
Biofuels (including Fuel Ethanol)	--	--	1,871	--	770	7,412	9	15	5,152	296	4,599	6,214
Fuel Ethanol	--	--	246	--	151	4,217	9	6	4,447	170	0	2,724
Biofuels (excluding Fuel Ethanol)	--	--	1,626	--	619	3,195	--	9	705	127	4,599	3,490
Biodiesel	--	--	283	--	214	244	--	16	355	127	243	666
Renewable Diesel Fuel	--	--	1,322	--	405	2,951	--	5	350	NA	4,323	2,726
Other Biofuels ⁶	--	--	21	--	--	--	--	-12	--	NA	33	98
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-1,319	--	--	1,695	--	--	-166	392	150	0	19,184
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	742	3,757	560	2,540	2,361	158	0	27,679
Reformulated	--	--	0	--	--	976	1,973	1,250	1,698	1	0	13,131
Conventional	--	--	0	--	742	2,781	-1,413	1,290	663	157	0	14,547
Aviation Gasoline Blend. Comp.	--	--	--	--	8	--	--	--	--	--	8	--
Finished Petroleum Products	--	--	35	83,268	3,387	2,122	-570	1,429	--	8,963	77,851	31,880
Finished Motor Gasoline	--	--	33	43,371	1,020	103	-570	52	--	751	43,155	2,210
Reformulated	--	--	--	30,214	--	--	-2,155	6	--	--	28,053	16
Conventional	--	--	33	13,157	1,020	103	1,586	46	--	751	15,102	2,194
Finished Aviation Gasoline	--	--	--	46	--	--	--	31	--	--	15	266
Kerosene-Type Jet Fuel	--	--	4	13,618	1,655	238	--	-88	--	765	14,838	9,036
Kerosene	--	--	--	-2	--	--	--	-2	--	127	-127	5
Distillate Fuel Oil	--	--	-2	14,654	527	1,111	--	1,197	--	2,963	12,130	11,785
15 ppm sulfur and under	--	--	-2	13,906	527	1,111	--	1,235	--	2,391	11,916	11,052
Greater than 15 to 500 ppm sulfur	--	--	--	350	--	--	--	48	--	29	273	314
Greater than 500 ppm sulfur	--	--	--	398	--	--	--	-86	--	543	-59	419
Residual Fuel Oil	--	--	--	2,238	61	--	--	428	--	942	929	4,600
Less than 0.31 percent sulfur	--	--	--	53	--	--	--	51	--	NA	NA	806
0.31 to 1.00 percent sulfur	--	--	--	608	61	--	--	-70	--	NA	NA	575
Greater than 1.00 percent sulfur	--	--	--	1,577	--	--	--	447	--	NA	NA	3,219
Petrochemical Feedstocks	--	--	--	82	28	--	--	--	--	50	60	--
Naphtha for Petro. Feed. Use	--	--	--	--	28	--	--	--	--	--	28	--
Other Oils for Petro. Feed. Use	--	--	--	82	--	--	--	--	--	50	32	--
Special Naphthas	--	--	--	14	0	--	--	-17	--	--	31	34
Lubricants	--	--	--	419	64	39	--	90	--	312	120	964
Waxes	--	--	--	--	1	--	--	--	--	3	-2	--
Petroleum Coke	--	--	--	3,898	--	125	--	-62	--	3,020	1,065	896
Marketable	--	--	--	2,966	--	--	--	-62	--	3,020	133	896
Catalyst	--	--	--	932	--	--	--	--	--	--	932	--
Asphalt and Road Oil	--	--	--	874	31	506	--	-206	--	30	1,588	2,023
Still Gas	--	--	--	3,685	--	--	--	--	--	--	3,685	--
Miscellaneous Products	--	--	--	371	--	--	--	6	--	0	365	60
Total	23,772	0	1,900	84,913	49,902	17,086	-211	2,192	79,774	11,030	84,367	134,987

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 11. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, October 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	22,993	2,542	--	--	35,680	3,426	64	358	64,347	--	0	44,355
Hydrocarbon Gas Liquids	1,988	-1,615	-6	-174	1,680	1,781	--	-4	1,105	1,978	575	6,030
Natural Gas Liquids	1,988	-1,615	-6	-278	1,680	1,781	--	68	1,105	1,978	399	5,953
Ethane	--	--	--	--	--	--	--	--	--	1	-1	--
Propane	232	-26	--	801	918	606	--	138	--	1,116	1,277	2,794
Normal Butane	556	-440	--	-1,031	762	1,061	--	-21	775	858	-704	2,795
Isobutane	186	-168	--	-48	--	114	--	-51	306	2	-173	331
Natural Gasoline	1,014	-981	-6	--	--	--	--	2	24	1	0	33
Refinery Olefins	--	--	--	104	--	--	--	-72	--	--	176	77
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	162	--	--	--	2	--	--	160	13
Normal Butylene	--	--	--	-58	--	--	--	-74	--	--	16	64
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-928	1,390	--	3,647	12,448	-604	-2,435	12,989	783	4,616	50,641
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,390	--	478	7,708	881	-927	6,591	177	4,616	5,287
Hydrogen	--	--	--	--	--	--	1,240	--	1,240	--	0	--
Biofuels (including Fuel Ethanol)	--	--	1,390	--	478	7,708	-359	-927	5,351	177	4,616	5,287
Fuel Ethanol	--	--	255	--	--	4,555	-359	-312	4,632	132	0	2,411
Biofuels (excluding Fuel Ethanol)	--	--	1,134	--	478	3,153	--	-615	719	45	4,616	2,875
Biodiesel	--	--	315	--	127	381	--	-120	379	45	519	546
Renewable Diesel Fuel	--	--	747	--	351	2,773	--	-499	272	NA	4,097	2,228
Other Biofuels ⁶	--	--	72	--	--	0	--	4	68	NA	0	101
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-928	--	--	1,808	-88	--	-25	388	429	0	19,159
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	1,361	4,828	-1,486	-1,483	6,010	176	0	26,196
Reformulated	--	--	0	--	--	1,918	264	-370	2,548	4	0	12,761
Conventional	--	--	0	--	1,361	2,910	-1,750	-1,113	3,462	172	0	13,434
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	40	82,913	4,422	2,519	1,844	-234	--	10,610	81,361	31,646
Finished Motor Gasoline	--	--	41	45,189	366	95	1,844	-74	--	871	46,738	2,136
Reformulated	--	--	--	31,232	--	--	-239	1	--	--	30,992	17
Conventional	--	--	41	13,957	366	95	2,084	-75	--	871	15,746	2,119
Finished Aviation Gasoline	--	--	--	33	2	--	--	4	--	--	31	270
Kerosene-Type Jet Fuel	--	--	0	12,612	3,135	367	--	452	--	672	14,990	9,488
Kerosene	--	--	--	1	--	--	--	0	--	--	1	5
Distillate Fuel Oil	--	--	-1	14,286	488	1,556	--	-517	--	4,879	11,967	11,269
15 ppm sulfur and under	--	--	-1	13,669	483	1,556	--	-462	--	3,820	12,349	10,591
Greater than 15 to 500 ppm sulfur	--	--	--	251	--	--	--	-73	--	327	-3	241
Greater than 500 ppm sulfur	--	--	--	366	5	--	--	18	--	732	-379	437
Residual Fuel Oil	--	--	--	2,524	275	--	--	-311	--	517	2,593	4,289
Less than 0.31 percent sulfur	--	--	--	51	--	--	--	32	--	NA	NA	838
0.31 to 1.00 percent sulfur	--	--	--	654	275	--	--	34	--	NA	NA	609
Greater than 1.00 percent sulfur	--	--	--	1,819	--	--	--	-377	--	NA	NA	2,842
Petrochemical Feedstocks	--	--	--	131	29	--	--	--	--	338	-178	--
Naphtha for Petro. Feed. Use	--	--	--	--	29	--	--	--	--	--	29	--
Other Oils for Petro. Feed. Use	--	--	--	131	--	--	--	--	--	338	-207	--
Special Naphthas	--	--	--	18	0	--	--	14	--	--	4	48
Lubricants	--	--	--	339	39	--	--	130	--	88	160	1,094
Waxes	--	--	--	--	1	--	--	--	--	4	-3	--
Petroleum Coke	--	--	--	3,335	--	2	--	281	--	3,210	-154	1,177
Marketable	--	--	--	2,529	--	--	--	281	--	3,210	-960	1,177
Catalyst	--	--	--	806	--	--	--	--	--	--	806	--
Asphalt and Road Oil	--	--	--	844	87	499	--	-218	--	32	1,616	1,805
Still Gas	--	--	--	3,254	--	--	--	--	--	--	3,254	--
Miscellaneous Products	--	--	--	347	--	--	--	5	--	0	342	65
Total	24,981	0	1,423	82,739	45,429	20,174	1,304	-2,315	78,441	13,371	86,553	132,672

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 11. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, November 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	22,309	1,179	--	--	39,109	3,579	1,191	5,768	61,597	2	0	50,123
Hydrocarbon Gas Liquids	1,884	-1,548	-6	-577	1,710	2,524	--	-564	1,220	992	2,339	5,466
Natural Gas Liquids	1,884	-1,548	-6	-750	1,710	2,524	--	-512	1,220	992	2,114	5,441
Ethane	1	--	--	--	--	--	--	--	--	1	0	--
Propane	214	-27	--	792	843	709	--	-79	--	616	1,994	2,715
Normal Butane	539	-422	--	-1,605	863	1,561	--	-510	737	369	340	2,285
Isobutane	166	-162	--	63	4	254	--	75	466	4	-220	406
Natural Gasoline	964	-937	-6	--	--	--	--	2	17	1	0	35
Refinery Olefins	--	--	--	173	--	--	--	-52	--	--	225	25
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	159	--	--	--	3	--	--	156	16
Normal Butylene	--	--	--	14	--	--	--	-55	--	--	69	9
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	369	1,832	--	3,190	12,268	-160	1,205	11,860	365	4,069	51,846
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,832	--	938	7,438	1,246	1,018	6,183	184	4,069	6,304
Hydrogen	--	--	--	--	--	--	1,231	--	1,231	--	0	--
Biofuels (including Fuel Ethanol)	--	--	1,832	--	938	7,438	15	1,018	4,952	184	4,069	6,304
Fuel Ethanol	--	--	265	--	--	4,244	15	47	4,326	151	0	2,458
Biofuels (excluding Fuel Ethanol)	--	--	1,567	--	938	3,193	--	971	626	33	4,069	3,846
Biodiesel	--	--	258	--	125	472	--	134	343	33	345	680
Renewable Diesel Fuel	--	--	1,234	--	813	2,721	--	818	208	NA	3,742	3,046
Other Biofuels ⁶	--	--	76	--	--	0	--	19	75	NA	-18	120
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	369	--	--	1,728	--	--	988	1,098	11	0	20,147
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	524	4,830	-1,406	-801	4,579	170	0	25,395
Reformulated	--	--	0	--	--	2,082	8	-322	2,412	1	0	12,439
Conventional	--	--	0	--	524	2,748	-1,414	-478	2,167	169	0	12,956
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	30	79,421	3,237	2,065	1,391	-669	--	9,599	77,214	30,977
Finished Motor Gasoline	--	--	32	42,727	685	67	1,391	-263	--	1,151	44,015	1,873
Reformulated	--	--	--	29,182	--	--	358	0	--	--	29,540	17
Conventional	--	--	32	13,545	685	67	1,033	-263	--	1,151	14,475	1,856
Finished Aviation Gasoline	--	--	--	-1	2	--	--	-11	--	--	12	259
Kerosene-Type Jet Fuel	--	--	0	12,530	1,795	222	--	-521	--	932	14,136	8,967
Kerosene	--	--	--	0	--	--	--	2	--	0	-2	7
Distillate Fuel Oil	--	--	-2	13,637	111	1,030	--	291	--	4,296	10,188	11,560
15 ppm sulfur and under	--	--	-2	12,711	109	1,030	--	62	--	2,874	10,912	10,653
Greater than 15 to 500 ppm sulfur	--	--	--	282	--	--	--	-29	--	311	0	212
Greater than 500 ppm sulfur	--	--	--	644	2	--	--	258	--	1,111	-723	695
Residual Fuel Oil	--	--	--	2,831	384	--	--	-14	--	239	2,990	4,275
Less than 0.31 percent sulfur	--	--	--	53	370	--	--	54	--	NA	NA	892
0.31 to 1.00 percent sulfur	--	--	--	558	14	--	--	-237	--	NA	NA	372
Greater than 1.00 percent sulfur	--	--	--	2,220	--	--	--	169	--	NA	NA	3,011
Petrochemical Feedstocks	--	--	--	53	38	--	--	--	--	240	-149	--
Naphtha for Petro. Feed. Use	--	--	--	--	38	--	--	--	--	--	38	--
Other Oils for Petro. Feed. Use	--	--	--	53	--	--	--	--	--	240	-187	--
Special Naphthas	--	--	--	18	0	--	--	-25	--	--	43	23
Lubricants	--	--	--	202	137	--	--	-244	--	263	320	850
Waxes	--	--	--	--	3	--	--	--	--	3	0	--
Petroleum Coke	--	--	--	3,255	--	164	--	77	--	2,429	912	1,254
Marketable	--	--	--	2,449	--	--	--	77	--	2,429	106	1,254
Catalyst	--	--	--	806	--	--	--	--	--	--	806	--
Asphalt and Road Oil	--	--	--	555	82	582	--	49	--	45	1,125	1,854
Still Gas	--	--	--	3,272	--	--	--	--	--	--	3,272	--
Miscellaneous Products	--	--	--	342	--	--	--	-10	--	0	352	55
Total	24,193	0	1,856	78,844	47,246	20,436	2,422	5,740	74,677	10,958	83,622	138,412

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 11. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, December 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	23,143	2,548	--	--	32,319	3,681	4,449	-700	66,840	--	0	49,423
Hydrocarbon Gas Liquids	2,117	-1,782	-7	-327	1,892	2,150	--	-963	1,518	1,674	1,814	4,503
Natural Gas Liquids	2,117	-1,782	-7	-327	1,892	2,150	--	-960	1,518	1,674	1,606	4,481
Ethane	--	--	--	--	--	--	--	--	--	--	--	--
Propane	218	-28	--	853	1,149	578	--	-543	--	1,287	2,025	2,172
Normal Butane	610	-494	--	-1,441	743	1,291	--	-453	962	377	-177	1,832
Isobutane	193	-189	--	56	--	281	--	41	539	3	-242	447
Natural Gasoline	1,096	-1,071	-7	--	--	--	--	-5	17	6	0	30
Refinery Olefins	--	--	--	205	--	--	--	-3	--	--	208	22
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	214	--	--	--	2	--	--	212	18
Normal Butylene	--	--	--	-9	--	--	--	-5	--	--	-4	4
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-766	2,096	--	2,949	11,709	-257	1,552	8,884	428	4,866	53,398
Hydrogen/Biofuels/Other Hydrocarbons	--	--	2,096	--	1,146	6,476	2,082	402	6,291	240	4,866	6,707
Hydrogen	--	--	--	--	--	--	1,367	--	1,367	--	0	--
Biofuels (including Fuel Ethanol)	--	--	2,096	--	1,146	6,476	715	402	4,924	240	4,866	6,707
Fuel Ethanol	--	--	257	--	--	3,689	715	81	4,388	192	0	2,539
Biofuels (excluding Fuel Ethanol)	--	--	1,839	--	1,146	2,787	--	321	536	48	4,866	4,168
Biodiesel	--	--	312	--	94	422	--	52	275	48	453	733
Renewable Diesel Fuel	--	--	1,453	--	1,052	2,365	--	317	202	NA	4,352	3,363
Other Biofuels ⁶	--	--	73	--	--	--	--	-48	59	NA	62	72
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-766	--	--	1,770	--	--	-214	1,181	37	0	19,933
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	33	5,233	-2,339	1,364	1,412	151	0	26,758
Reformulated	--	--	0	--	--	2,098	-333	686	1,079	--	0	13,125
Conventional	--	--	0	--	33	3,135	-2,006	678	333	151	0	13,633
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	54	82,464	3,641	2,343	1,624	1,809	--	9,946	78,371	32,785
Finished Motor Gasoline	--	--	49	42,918	245	84	1,624	4	--	1,237	43,679	1,877
Reformulated	--	--	--	29,717	--	--	497	0	--	--	30,214	17
Conventional	--	--	49	13,201	245	84	1,127	4	--	1,237	13,465	1,860
Finished Aviation Gasoline	--	--	--	82	3	--	--	67	--	--	18	326
Kerosene-Type Jet Fuel	--	--	7	14,334	2,412	221	--	537	--	606	15,831	9,504
Kerosene	--	--	--	2	--	--	--	2	--	0	0	9
Distillate Fuel Oil	--	--	-2	14,026	197	1,352	--	1,253	--	3,612	10,708	12,812
15 ppm sulfur and under	--	--	-2	12,970	196	1,352	--	1,310	--	3,377	9,829	11,962
Greater than 15 to 500 ppm sulfur	--	--	--	449	--	--	--	53	--	33	363	265
Greater than 500 ppm sulfur	--	--	--	607	1	--	--	-110	--	202	516	585
Residual Fuel Oil	--	--	--	2,369	580	--	--	-197	--	51	3,095	4,078
Less than 0.31 percent sulfur	--	--	--	42	491	--	--	169	--	NA	NA	1,061
0.31 to 1.00 percent sulfur	--	--	--	904	89	--	--	246	--	NA	NA	618
Greater than 1.00 percent sulfur	--	--	--	1,423	--	--	--	-612	--	NA	NA	2,399
Petrochemical Feedstocks	--	--	--	69	--	--	--	--	--	200	-131	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	69	--	--	--	--	--	200	-131	--
Special Naphthas	--	--	--	20	0	--	--	-8	--	--	28	15
Lubricants	--	--	--	360	30	--	--	15	--	516	-141	865
Waxes	--	--	--	--	30	--	--	--	--	4	26	--
Petroleum Coke	--	--	--	3,685	--	291	--	-167	--	3,692	450	1,087
Marketable	--	--	--	2,780	--	--	--	-167	--	3,692	-455	1,087
Catalyst	--	--	--	905	--	--	--	--	--	--	905	--
Asphalt and Road Oil	--	--	--	668	144	395	--	293	--	26	888	2,147
Still Gas	--	--	--	3,542	--	--	--	--	--	--	3,542	--
Miscellaneous Products	--	--	--	389	--	--	--	10	--	1	378	65
Total	25,260	0	2,143	82,137	40,801	19,882	5,816	1,698	77,242	12,048	85,052	140,109

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 12. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	779	79	--	--	1,130	104	-74	0	2,018	--	0
Hydrocarbon Gas Liquids	71	-59	0	-6	59	65	--	-22	37	33	83
Natural Gas Liquids	71	-59	0	-11	59	65	--	-23	37	33	78
Ethane	0	--	--	--	--	--	--	--	--	--	0
Propane	8	-1	--	26	43	23	--	-11	--	24	84
Normal Butane	19	-17	--	-38	17	36	--	-15	20	8	3
Isobutane	8	-7	--	1	--	7	--	3	16	0	-9
Natural Gasoline	36	-35	0	--	--	--	--	0	1	1	0
Refinery Olefins	--	--	--	5	--	--	--	0	--	--	5
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	6	--	--	--	0	--	--	6
Normal Butylene	--	--	--	0	--	--	--	0	--	--	-1
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-21	30	--	91	360	0	-24	367	14	103
Hydrogen/Biofuels/Other Hydrocarbons	--	--	30	--	24	205	61	3	204	9	103
Hydrogen	--	--	--	--	--	--	41	--	41	--	0
Biofuels (including Fuel Ethanol)	--	--	30	--	24	205	20	3	163	9	103
Fuel Ethanol	--	--	3	--	--	123	20	-2	139	8	0
Biofuels (excluding Fuel Ethanol)	--	--	27	--	24	82	--	5	24	1	103
Biodiesel	--	--	10	--	3	12	--	8	11	1	4
Renewable Diesel Fuel	--	--	16	--	20	70	--	-4	12	NA	98
Other Biofuels ⁶	--	--	1	--	--	--	--	0	0	NA	0
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-21	--	--	53	--	--	-19	50	1	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	15	155	-61	-8	113	4	0
Reformulated	--	--	0	--	--	61	-7	-14	68	0	0
Conventional	--	--	0	--	15	95	-54	7	45	4	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	2	2,581	111	61	41	-52	--	328	2,520
Finished Motor Gasoline	--	--	2	1,380	4	2	41	-5	--	45	1,389
Reformulated	--	--	--	947	--	--	15	0	--	--	962
Conventional	--	--	2	432	4	2	26	-5	--	45	427
Finished Aviation Gasoline	--	--	--	--	0	--	--	-1	--	--	1
Kerosene-Type Jet Fuel	--	--	0	404	81	7	--	-19	--	26	486
Kerosene	--	--	--	0	--	--	--	0	--	0	0
Distillate Fuel Oil	--	--	0	446	6	37	--	-26	--	107	408
15 ppm sulfur and under	--	--	0	425	6	37	--	-18	--	89	395
Greater than 15 to 500 ppm sulfur	--	--	--	8	--	--	--	0	--	2	6
Greater than 500 ppm sulfur	--	--	--	13	--	--	--	-9	--	16	6
Residual Fuel Oil	--	--	--	72	10	--	--	-13	--	27	69
Less than 0.31 percent sulfur	--	--	--	1	8	--	--	-1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	18	2	--	--	-8	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	53	--	--	--	-5	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	1	--	--	--	--	3	-2
Naphtha for Petro. Feed. Use	--	--	--	--	1	--	--	--	--	--	1
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	3	-3
Special Naphthas	--	--	--	1	1	--	--	1	--	--	1
Lubricants	--	--	--	15	0	--	--	1	--	8	7
Waxes	--	--	--	--	0	--	--	--	--	0	0
Petroleum Coke	--	--	--	116	--	-1	--	-3	--	112	6
Marketable	--	--	--	86	--	-1	--	-3	--	112	-24
Catalyst	--	--	--	29	--	--	--	--	--	--	29
Asphalt and Road Oil	--	--	--	22	7	16	--	14	--	1	30
Still Gas	--	--	--	112	--	--	--	--	--	--	112
Miscellaneous Products	--	--	--	13	--	--	--	0	--	0	13
Total	850	0	31	2,575	1,391	590	-33	-98	2,422	374	2,706

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethane, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 12. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, February 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	783	47	--	--	1,183	116	-6	46	2,077	--	0
Hydrocarbon Gas Liquids	69	-57	0	30	57	36	--	-11	26	56	64
Natural Gas Liquids	69	-57	0	26	57	36	--	-14	26	56	62
Ethane	0	--	--	--	--	--	--	--	--	--	0
Propane	8	-1	--	25	37	11	--	-13	--	33	59
Normal Butane	20	-16	--	0	20	20	--	-1	8	22	14
Isobutane	7	-6	--	1	0	5	--	0	18	--	-11
Natural Gasoline	35	-34	0	--	--	--	--	0	1	0	0
Refinery Olefins	--	--	--	5	--	--	--	3	--	--	1
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	5	--	--	--	0	--	--	5
Normal Butylene	--	--	--	0	--	--	--	3	--	--	-4
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	11	34	--	128	360	8	33	392	25	90
Hydrogen/Biofuels/Other Hydrocarbons	--	--	34	--	23	201	60	5	211	12	90
Hydrogen	--	--	--	--	--	--	37	--	37	--	0
Biofuels (including Fuel Ethanol)	--	--	34	--	23	201	22	5	173	12	90
Fuel Ethanol	--	--	3	--	--	130	22	0	145	10	0
Biofuels (excluding Fuel Ethanol)	--	--	31	--	23	71	--	5	28	2	90
Biodiesel	--	--	5	--	4	10	--	-2	13	2	6
Renewable Diesel Fuel	--	--	26	--	20	61	--	7	15	NA	84
Other Biofuels ⁶	--	--	1	--	--	--	--	0	0	NA	0
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	11	--	--	76	--	--	83	-4	7	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	29	159	-52	-55	185	6	0
Reformulated	--	--	0	--	5	66	19	-55	145	0	0
Conventional	--	--	0	--	24	93	-70	0	40	6	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	2	2,616	192	71	29	50	--	239	2,622
Finished Motor Gasoline	--	--	2	1,412	12	3	29	-5	--	31	1,432
Reformulated	--	--	--	998	--	--	-10	0	--	--	987
Conventional	--	--	2	414	12	3	40	-5	--	31	444
Finished Aviation Gasoline	--	--	--	0	--	--	--	-1	--	--	1
Kerosene-Type Jet Fuel	--	--	0	403	104	7	--	24	--	30	460
Kerosene	--	--	--	0	--	--	--	0	--	0	0
Distillate Fuel Oil	--	--	0	450	26	43	--	5	--	65	449
15 ppm sulfur and under	--	--	0	421	26	43	--	4	--	42	445
Greater than 15 to 500 ppm sulfur	--	--	--	10	--	--	--	-2	--	8	4
Greater than 500 ppm sulfur	--	--	--	19	--	--	--	3	--	16	0
Residual Fuel Oil	--	--	--	75	44	--	--	14	--	11	94
Less than 0.31 percent sulfur	--	--	--	2	--	--	--	10	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	22	43	--	--	7	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	50	1	--	--	-2	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	1	--	--	--	--	2	-1
Naphtha for Petro. Feed. Use	--	--	--	--	1	--	--	--	--	--	1
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	2	-2
Special Naphthas	--	--	--	--	1	--	--	-1	--	--	3
Lubricants	--	--	--	16	1	--	--	11	--	2	4
Waxes	--	--	--	--	0	--	--	--	--	0	0
Petroleum Coke	--	--	--	118	--	2	--	-3	--	97	26
Marketable	--	--	--	93	--	2	--	-3	--	97	1
Catalyst	--	--	--	25	--	--	--	--	--	--	25
Asphalt and Road Oil	--	--	--	24	2	16	--	5	--	1	36
Still Gas	--	--	--	106	--	--	--	--	--	--	106
Miscellaneous Products	--	--	--	13	--	--	--	0	--	0	12
Total	853	0	36	2,646	1,560	583	31	118	2,496	321	2,776

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 12. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, March 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	771	43	--	--	1,243	80	81	4	2,180	34	0
Hydrocarbon Gas Liquids	69	-57	0	66	56	26	--	-11	20	84	67
Natural Gas Liquids	69	-57	0	62	56	26	--	-8	20	84	59
Ethane	0	--	--	--	--	--	--	--	--	--	0
Propane	7	-1	--	30	37	14	--	-12	--	45	54
Normal Butane	20	-16	--	23	19	10	--	2	3	40	11
Isobutane	6	-6	--	9	0	3	--	2	17	0	-7
Natural Gasoline	35	-34	0	--	--	--	--	0	1	0	0
Refinery Olefins	--	--	--	5	--	--	--	-3	--	--	8
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	5	--	--	--	0	--	--	6
Normal Butylene	--	--	--	-1	--	--	--	-3	--	--	2
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	14	41	--	133	366	-30	25	370	14	115
Hydrogen/Biofuels/Other Hydrocarbons	--	--	41	--	28	228	39	-4	218	7	115
Hydrogen	--	--	--	--	--	--	43	--	43	--	0
Biofuels (including Fuel Ethanol)	--	--	41	--	28	228	-4	-4	175	7	115
Fuel Ethanol	--	--	3	--	--	148	-4	-4	146	5	0
Biofuels (excluding Fuel Ethanol)	--	--	38	--	28	80	--	0	29	2	115
Biodiesel	--	--	9	--	4	12	--	2	13	2	7
Renewable Diesel Fuel	--	--	28	--	24	68	--	-3	15	NA	108
Other Biofuels ⁶	--	--	1	--	--	--	--	1	1	NA	0
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	14	--	--	2	-2	--	12	0	1	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	103	140	-69	16	152	6	0
Reformulated	--	--	0	--	10	49	8	8	59	0	0
Conventional	--	--	0	--	93	91	-78	8	93	6	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	2	2,652	155	60	73	28	--	337	2,578
Finished Motor Gasoline	--	--	2	1,414	33	2	73	5	--	20	1,500
Reformulated	--	--	--	992	--	--	12	0	--	--	1,004
Conventional	--	--	2	422	33	2	61	5	--	20	496
Finished Aviation Gasoline	--	--	--	0	0	--	--	-3	--	--	3
Kerosene-Type Jet Fuel	--	--	0	418	105	9	--	11	--	28	494
Kerosene	--	--	--	0	--	--	--	0	--	0	0
Distillate Fuel Oil	--	--	0	458	10	35	--	21	--	107	376
15 ppm sulfur and under	--	--	0	430	10	35	--	11	--	83	382
Greater than 15 to 500 ppm sulfur	--	--	--	15	--	--	--	6	--	6	2
Greater than 500 ppm sulfur	--	--	--	13	--	--	--	4	--	18	-8
Residual Fuel Oil	--	--	--	70	--	--	--	-12	--	49	33
Less than 0.31 percent sulfur	--	--	--	2	--	--	--	4	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	20	--	--	--	-2	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	48	--	--	--	-14	--	NA	NA
Petrochemical Feedstocks	--	--	--	1	--	--	--	--	--	--	1
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	1	--	--	--	--	--	--	1
Special Naphthas	--	--	--	1	1	--	--	1	--	--	1
Lubricants	--	--	--	9	2	-3	--	-6	--	10	5
Waxes	--	--	--	--	0	--	--	--	--	0	0
Petroleum Coke	--	--	--	125	--	2	--	5	--	123	-1
Marketable	--	--	--	99	--	2	--	5	--	123	-26
Catalyst	--	--	--	26	--	--	--	--	--	--	26
Asphalt and Road Oil	--	--	--	22	3	14	--	6	--	1	33
Still Gas	--	--	--	121	--	--	--	--	--	--	121
Miscellaneous Products	--	--	--	13	--	--	--	0	--	0	13
Total	839	0	43	2,719	1,587	532	124	45	2,570	470	2,759

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethane, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 12. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, April 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	778	111	--	--	1,306	126	-113	93	2,115	--	0
Hydrocarbon Gas Liquids	66	-54	0	74	51	24	--	12	19	50	79
Natural Gas Liquids	66	-54	0	68	51	24	--	11	19	50	75
Ethane	0	--	--	--	--	--	--	--	--	--	0
Propane	7	-1	--	32	30	15	--	9	--	29	45
Normal Butane	18	-15	--	34	21	4	--	2	3	21	36
Isobutane	7	-6	--	3	--	5	--	0	15	0	-6
Natural Gasoline	34	-32	0	--	--	--	--	1	1	1	0
Refinery Olefins	--	--	--	5	--	--	--	1	--	--	5
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	6	--	--	--	0	--	--	6
Normal Butylene	--	--	--	-1	--	--	--	1	--	--	-2
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-57	42	--	141	325	36	-32	418	13	86
Hydrogen/Biofuels/Other Hydrocarbons	--	--	42	--	19	206	52	12	215	6	86
Hydrogen	--	--	--	--	--	--	44	--	44	--	0
Biofuels (including Fuel Ethanol)	--	--	42	--	19	206	8	12	171	6	86
Fuel Ethanol	--	--	3	--	--	140	8	-3	149	4	0
Biofuels (excluding Fuel Ethanol)	--	--	39	--	19	67	--	15	22	2	86
Biodiesel	--	--	9	--	5	8	--	2	12	2	6
Renewable Diesel Fuel	--	--	30	--	14	58	--	13	9	NA	80
Other Biofuels ⁶	--	--	0	--	--	--	--	0	0	NA	0
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-57	--	--	60	-3	--	-21	21	0	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	62	121	-16	-22	182	7	0
Reformulated	--	--	0	--	11	40	12	-10	72	--	0
Conventional	--	--	0	--	52	82	-28	-13	111	7	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	1	2,672	133	48	8	-53	--	289	2,627
Finished Motor Gasoline	--	--	1	1,464	40	3	8	-2	--	26	1,492
Reformulated	--	--	--	1,023	--	--	-24	0	--	--	1,000
Conventional	--	--	1	440	40	3	32	-2	--	26	492
Finished Aviation Gasoline	--	--	--	0	0	--	--	1	--	--	-1
Kerosene-Type Jet Fuel	--	--	0	416	69	4	--	-8	--	16	479
Kerosene	--	--	--	0	--	--	--	0	--	0	0
Distillate Fuel Oil	--	--	0	441	5	28	--	-33	--	113	395
15 ppm sulfur and under	--	--	0	423	5	28	--	-25	--	112	370
Greater than 15 to 500 ppm sulfur	--	--	--	6	--	--	--	-6	--	1	11
Greater than 500 ppm sulfur	--	--	--	13	--	--	--	-2	--	1	14
Residual Fuel Oil	--	--	--	58	15	--	--	-13	--	22	64
Less than 0.31 percent sulfur	--	--	--	1	10	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	23	5	--	--	1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	34	--	--	--	-14	--	NA	NA
Petrochemical Feedstocks	--	--	--	5	1	--	--	--	--	--	6
Naphtha for Petro. Feed. Use	--	--	--	--	1	--	--	--	--	--	1
Other Oils for Petro. Feed. Use	--	--	--	5	--	--	--	--	--	--	5
Special Naphthas	--	--	--	1	1	--	--	-1	--	--	3
Lubricants	--	--	--	14	0	0	--	5	--	3	6
Waxes	--	--	--	--	0	--	--	--	--	0	0
Petroleum Coke	--	--	--	127	--	0	--	-4	--	108	23
Marketable	--	--	--	99	--	0	--	-4	--	108	-5
Catalyst	--	--	--	28	--	--	--	--	--	--	28
Asphalt and Road Oil	--	--	--	26	2	13	--	2	--	1	38
Still Gas	--	--	--	108	--	--	--	--	--	--	108
Miscellaneous Products	--	--	--	13	--	--	--	0	--	--	14
Total	844	0	43	2,745	1,630	523	-69	20	2,552	352	2,792

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethane, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 12. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, May 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	776	83	--	--	1,177	112	48	-14	2,211	--	0
Hydrocarbon Gas Liquids	66	-54	0	75	47	29	--	23	22	55	62
Natural Gas Liquids	66	-54	0	71	47	29	--	23	22	55	58
Ethane	0	--	--	--	--	--	--	--	--	--	0
Propane	8	-1	--	31	26	21	--	19	--	28	39
Normal Butane	18	-15	--	38	20	3	--	3	1	28	33
Isobutane	7	-6	--	2	0	4	--	1	20	0	-13
Natural Gasoline	33	-33	0	--	--	--	--	0	1	0	0
Refinery Olefins	--	--	--	4	--	--	--	0	--	--	4
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	5	--	--	--	0	--	--	6
Normal Butylene	--	--	--	-2	--	--	--	0	--	--	-2
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-29	51	--	164	360	-20	-88	464	17	131
Hydrogen/Biofuels/Other Hydrocarbons	--	--	51	--	36	229	29	-16	222	8	131
Hydrogen	--	--	--	--	--	--	43	--	43	--	0
Biofuels (including Fuel Ethanol)	--	--	51	--	36	229	-14	-16	178	8	131
Fuel Ethanol	--	--	3	--	--	172	-14	5	152	4	0
Biofuels (excluding Fuel Ethanol)	--	--	48	--	36	57	--	-21	26	4	131
Biodiesel	--	--	10	--	5	7	--	-7	13	4	12
Renewable Diesel Fuel	--	--	37	--	31	49	--	-14	13	NA	119
Other Biofuels ⁶	--	--	1	--	--	--	--	0	0	NA	1
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-29	--	--	75	--	--	-36	79	3	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	52	131	-50	-36	164	6	0
Reformulated	--	--	0	--	--	46	1	-5	52	0	0
Conventional	--	--	0	--	52	85	-51	-31	111	6	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	2	2,751	158	51	64	-38	--	283	2,782
Finished Motor Gasoline	--	--	2	1,492	31	3	64	2	--	29	1,561
Reformulated	--	--	--	1,034	--	--	-5	0	--	--	1,029
Conventional	--	--	2	458	31	3	68	2	--	29	531
Finished Aviation Gasoline	--	--	--	0	0	--	--	-1	--	--	1
Kerosene-Type Jet Fuel	--	--	0	407	91	3	--	-21	--	15	507
Kerosene	--	--	--	0	--	--	--	0	--	0	0
Distillate Fuel Oil	--	--	0	471	28	29	--	-11	--	93	446
15 ppm sulfur and under	--	--	0	440	28	29	--	-21	--	89	428
Greater than 15 to 500 ppm sulfur	--	--	--	16	--	--	--	6	--	2	8
Greater than 500 ppm sulfur	--	--	--	15	0	--	--	4	--	1	10
Residual Fuel Oil	--	--	--	78	5	--	--	17	--	0	66
Less than 0.31 percent sulfur	--	--	--	2	--	--	--	-5	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	25	5	--	--	1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	51	--	--	--	21	--	NA	NA
Petrochemical Feedstocks	--	--	--	5	1	--	--	--	--	--	6
Naphtha for Petro. Feed. Use	--	--	--	--	1	--	--	--	--	--	1
Other Oils for Petro. Feed. Use	--	--	--	5	--	--	--	--	--	--	5
Special Naphthas	--	--	--	1	0	--	--	1	--	--	1
Lubricants	--	--	--	9	1	0	--	-10	--	16	4
Waxes	--	--	--	--	0	--	--	--	--	0	0
Petroleum Coke	--	--	--	128	--	4	--	-8	--	128	11
Marketable	--	--	--	98	--	4	--	-8	--	128	-19
Catalyst	--	--	--	30	--	--	--	--	--	--	30
Asphalt and Road Oil	--	--	--	29	1	12	--	-7	--	1	48
Still Gas	--	--	--	118	--	--	--	--	--	--	118
Miscellaneous Products	--	--	--	12	--	--	--	0	--	0	12
Total	842	0	52	2,826	1,546	552	91	-118	2,697	356	2,975

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethane, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 12. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, June 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	775	29	--	--	1,386	131	-24	-66	2,319	43	0
Hydrocarbon Gas Liquids	61	-49	0	84	44	18	--	27	21	91	19
Natural Gas Liquids	61	-49	0	75	44	18	--	24	21	91	13
Ethane	0	--	--	--	--	--	--	--	--	0	0
Propane	8	-1	--	34	23	10	--	14	--	40	21
Normal Butane	17	-13	--	36	19	4	--	10	1	51	1
Isobutane	6	-5	--	5	2	4	--	1	20	0	-9
Natural Gasoline	30	-29	0	--	--	--	--	0	1	0	0
Refinery Olefins	--	--	--	9	--	--	--	3	--	--	6
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	8	--	--	--	0	--	--	8
Normal Butylene	--	--	--	1	--	--	--	3	--	--	-2
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	20	59	--	120	383	-61	-15	384	15	136
Hydrogen/Biofuels/Other Hydrocarbons	--	--	59	--	30	237	41	-4	225	10	136
Hydrogen	--	--	--	--	--	--	43	--	43	--	0
Biofuels (including Fuel Ethanol)	--	--	59	--	30	237	-2	-4	182	10	136
Fuel Ethanol	--	--	6	--	--	153	-2	0	152	5	0
Biofuels (excluding Fuel Ethanol)	--	--	53	--	30	84	--	-4	30	5	136
Biodiesel	--	--	10	--	7	8	--	-6	11	5	15
Renewable Diesel Fuel	--	--	43	--	23	76	--	2	19	NA	122
Other Biofuels ⁶	--	--	0	--	--	--	--	0	0	NA	0
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	20	--	--	68	--	--	4	83	1	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	22	146	-102	-16	76	4	0
Reformulated	--	--	0	--	--	60	5	14	51	0	0
Conventional	--	--	0	--	22	86	-107	-29	26	4	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	2	2,815	171	76	104	-39	--	305	2,902
Finished Motor Gasoline	--	--	2	1,485	14	3	104	0	--	41	1,568
Reformulated	--	--	--	1,030	--	--	7	0	--	--	1,037
Conventional	--	--	2	455	14	3	98	0	--	41	531
Finished Aviation Gasoline	--	--	--	4	0	--	--	2	--	--	2
Kerosene-Type Jet Fuel	--	--	0	470	108	9	--	15	--	21	551
Kerosene	--	--	--	0	--	--	--	0	--	0	0
Distillate Fuel Oil	--	--	0	471	23	39	--	-16	--	117	433
15 ppm sulfur and under	--	--	0	458	23	39	--	-7	--	110	417
Greater than 15 to 500 ppm sulfur	--	--	--	8	--	--	--	-5	--	0	13
Greater than 500 ppm sulfur	--	--	--	5	0	--	--	-4	--	7	3
Residual Fuel Oil	--	--	--	67	23	--	--	-29	--	12	107
Less than 0.31 percent sulfur	--	--	--	2	10	--	--	3	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	19	13	--	--	-9	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	46	--	--	--	-23	--	NA	NA
Petrochemical Feedstocks	--	--	--	1	1	--	--	--	--	10	-9
Naphtha for Petro. Feed. Use	--	--	--	--	1	--	--	--	--	--	1
Other Oils for Petro. Feed. Use	--	--	--	1	--	--	--	--	--	10	-10
Special Naphthas	--	--	--	0	0	--	--	0	--	--	1
Lubricants	--	--	--	8	0	0	--	1	--	3	5
Waxes	--	--	--	--	1	--	--	--	--	0	1
Petroleum Coke	--	--	--	140	--	2	--	1	--	101	41
Marketable	--	--	--	109	--	2	--	1	--	101	10
Catalyst	--	--	--	32	--	--	--	--	--	--	32
Asphalt and Road Oil	--	--	--	29	1	22	--	-11	--	1	63
Still Gas	--	--	--	127	--	--	--	--	--	--	127
Miscellaneous Products	--	--	--	13	--	--	--	0	--	0	13
Total	835	0	61	2,899	1,720	608	19	-92	2,724	455	3,057

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 12. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, July 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	744	50	--	--	1,147	141	39	-161	2,282	0	0
Hydrocarbon Gas Liquids	56	-43	0	65	45	23	--	18	17	47	63
Natural Gas Liquids	56	-43	0	58	45	23	--	15	17	47	59
Ethane	--	--	--	--	--	--	--	--	--	--	--
Propane	8	-1	--	32	23	14	--	12	--	27	35
Normal Butane	16	-12	--	25	19	7	--	5	1	20	30
Isobutane	5	-5	--	1	2	2	--	-2	15	0	-7
Natural Gasoline	27	-26	0	--	--	--	--	0	1	0	0
Refinery Olefins	--	--	--	7	--	--	--	3	--	--	4
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	10	--	--	--	0	--	--	10
Normal Butylene	--	--	--	-3	--	--	--	3	--	--	-5
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-7	52	--	105	376	-23	-9	358	32	122
Hydrogen/Biofuels/Other Hydrocarbons	--	--	52	--	29	243	24	3	213	9	122
Hydrogen	--	--	--	--	--	--	45	--	45	--	0
Biofuels (including Fuel Ethanol)	--	--	52	--	29	243	-22	3	168	9	122
Fuel Ethanol	--	--	7	--	--	170	-22	1	150	5	0
Biofuels (excluding Fuel Ethanol)	--	--	44	--	29	73	--	3	18	4	122
Biodiesel	--	--	9	--	4	7	--	-3	11	4	9
Renewable Diesel Fuel	--	--	36	--	25	66	--	7	7	NA	112
Other Biofuels ⁶	--	--	0	--	--	--	--	-1	0	NA	1
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-7	--	--	56	-7	--	-10	37	15	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	20	140	-46	-2	108	8	0
Reformulated	--	--	--	--	--	54	-9	-6	51	0	0
Conventional	--	--	0	--	20	87	-38	4	56	8	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	2	2,746	135	68	68	10	--	301	2,708
Finished Motor Gasoline	--	--	2	1,473	22	3	68	-14	--	27	1,556
Reformulated	--	--	--	1,009	--	--	1	0	--	--	1,011
Conventional	--	--	2	464	22	3	67	-14	--	27	545
Finished Aviation Gasoline	--	--	--	0	0	--	--	-2	--	--	1
Kerosene-Type Jet Fuel	--	--	1	472	87	8	--	23	--	17	527
Kerosene	--	--	--	0	--	--	--	0	--	0	0
Distillate Fuel Oil	--	--	0	420	16	37	--	-11	--	106	378
15 ppm sulfur and under	--	--	0	404	16	37	--	-7	--	104	359
Greater than 15 to 500 ppm sulfur	--	--	--	8	--	--	--	-3	--	0	11
Greater than 500 ppm sulfur	--	--	--	9	0	--	--	0	--	2	7
Residual Fuel Oil	--	--	--	77	4	--	--	19	--	12	51
Less than 0.31 percent sulfur	--	--	--	2	--	--	--	2	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	21	3	--	--	1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	54	1	--	--	15	--	NA	NA
Petrochemical Feedstocks	--	--	--	6	1	--	--	--	--	10	-3
Naphtha for Petro. Feed. Use	--	--	--	--	1	--	--	--	--	--	1
Other Oils for Petro. Feed. Use	--	--	--	6	--	--	--	--	--	10	-4
Special Naphthas	--	--	--	1	0	--	--	0	--	--	2
Lubricants	--	--	--	8	2	0	--	-7	--	12	5
Waxes	--	--	--	--	0	--	--	--	--	0	0
Petroleum Coke	--	--	--	127	--	2	--	5	--	117	7
Marketable	--	--	--	96	--	2	--	5	--	117	-25
Catalyst	--	--	--	31	--	--	--	--	--	--	31
Asphalt and Road Oil	--	--	--	31	2	17	--	-3	--	1	52
Still Gas	--	--	--	119	--	--	--	--	--	--	119
Miscellaneous Products	--	--	--	13	--	--	--	0	--	0	13
Total	799	0	54	2,811	1,431	609	85	-141	2,657	380	2,893

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethane, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 12. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, August 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	740	23	--	--	1,464	116	-3	36	2,279	25	0
Hydrocarbon Gas Liquids	50	-38	0	67	46	35	--	26	26	59	49
Natural Gas Liquids	50	-38	0	62	46	35	--	30	26	59	41
Ethane	--	--	--	--	--	--	--	--	--	--	--
Propane	8	-1	--	31	25	19	--	12	--	35	35
Normal Butane	14	-10	--	27	18	9	--	17	3	24	14
Isobutane	4	-4	--	4	3	8	--	1	22	0	-8
Natural Gasoline	24	-23	0	--	--	--	--	0	0	0	0
Refinery Olefins	--	--	--	5	--	--	--	-3	--	--	8
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	4	--	--	--	0	--	--	5
Normal Butylene	--	--	--	1	--	--	--	-3	--	--	3
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	15	56	--	127	326	21	-21	426	17	124
Hydrogen/Biofuels/Other Hydrocarbons	--	--	56	--	48	198	78	19	227	10	124
Hydrogen	--	--	--	--	--	--	46	--	46	--	0
Biofuels (including Fuel Ethanol)	--	--	56	--	48	198	32	19	181	10	124
Fuel Ethanol	--	--	8	--	8	121	32	9	153	7	0
Biofuels (excluding Fuel Ethanol)	--	--	48	--	40	77	--	9	28	3	124
Biodiesel	--	--	10	--	7	12	--	4	11	3	10
Renewable Diesel Fuel	--	--	39	--	32	65	--	3	17	NA	116
Other Biofuels ⁶	--	--	0	--	0	--	--	2	--	NA	-2
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	15	--	--	55	--	--	14	55	1	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	24	128	-56	-54	143	6	0
Reformulated	--	--	0	--	--	42	-2	-49	90	--	0
Conventional	--	--	--	--	24	86	-55	-4	54	6	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	1	2,833	124	66	25	-39	--	279	2,809
Finished Motor Gasoline	--	--	1	1,502	18	4	25	18	--	28	1,503
Reformulated	--	--	--	1,036	--	--	-4	0	--	--	1,032
Conventional	--	--	1	466	18	4	29	19	--	28	471
Finished Aviation Gasoline	--	--	--	2	0	--	--	0	--	--	1
Kerosene-Type Jet Fuel	--	--	0	471	65	9	--	-16	--	31	532
Kerosene	--	--	--	0	--	--	--	0	--	0	0
Distillate Fuel Oil	--	--	0	462	30	35	--	-17	--	93	450
15 ppm sulfur and under	--	--	0	436	30	35	--	-20	--	80	440
Greater than 15 to 500 ppm sulfur	--	--	--	11	--	--	--	4	--	0	7
Greater than 500 ppm sulfur	--	--	--	15	0	--	--	-1	--	13	3
Residual Fuel Oil	--	--	--	91	2	--	--	-12	--	9	96
Less than 0.31 percent sulfur	--	--	--	2	--	--	--	-10	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	22	2	--	--	2	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	68	--	--	--	-4	--	NA	NA
Petrochemical Feedstocks	--	--	--	3	--	--	--	--	--	5	-2
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	3	--	--	--	--	--	5	-2
Special Naphthas	--	--	--	1	2	--	--	0	--	--	3
Lubricants	--	--	--	7	2	0	--	2	--	2	5
Waxes	--	--	--	--	1	--	--	--	--	0	1
Petroleum Coke	--	--	--	127	--	-1	--	-4	--	110	20
Marketable	--	--	--	96	--	-1	--	-4	--	110	-11
Catalyst	--	--	--	31	--	--	--	--	--	--	31
Asphalt and Road Oil	--	--	--	30	3	19	--	-11	--	1	63
Still Gas	--	--	--	123	--	--	--	--	--	--	123
Miscellaneous Products	--	--	--	13	--	--	--	0	--	0	13
Total	790	0	57	2,900	1,761	543	43	2	2,731	380	2,982

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethane, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 12. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, September 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	733	91	--	--	1,395	97	-53	-64	2,327	--	0
Hydrocarbon Gas Liquids	59	-47	0	55	48	29	--	9	22	49	64
Natural Gas Liquids	59	-47	0	51	48	29	--	9	22	49	61
Ethane	--	--	--	--	--	--	--	--	--	--	--
Propane	8	-1	--	31	29	14	--	7	--	31	42
Normal Butane	17	-13	--	18	17	11	--	3	2	18	28
Isobutane	6	-5	--	2	2	4	--	-2	20	0	-9
Natural Gasoline	29	-29	0	--	--	--	--	0	0	0	0
Refinery Olefins	--	--	--	4	--	--	--	1	--	--	3
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	5	--	--	--	0	--	--	5
Normal Butylene	--	--	--	-2	--	--	--	1	--	--	-3
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-44	62	--	107	372	65	80	310	20	154
Hydrogen/Biofuels/Other Hydrocarbons	--	--	62	--	26	247	47	1	218	10	153
Hydrogen	--	--	--	--	--	--	46	--	46	--	0
Biofuels (including Fuel Ethanol)	--	--	62	--	26	247	0	1	172	10	153
Fuel Ethanol	--	--	8	--	5	141	0	0	148	6	0
Biofuels (excluding Fuel Ethanol)	--	--	54	--	21	106	--	0	24	4	153
Biodiesel	--	--	9	--	7	8	--	1	12	4	8
Renewable Diesel Fuel	--	--	44	--	14	98	--	0	12	NA	144
Other Biofuels ⁶	--	--	1	--	--	--	--	0	--	NA	1
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-44	--	--	57	--	--	-6	13	5	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	25	125	19	85	79	5	0
Reformulated	--	--	0	--	--	33	66	42	57	0	0
Conventional	--	--	0	--	25	93	-47	43	22	5	0
Aviation Gasoline Blend. Comp.	--	--	--	--	0	--	--	--	--	--	0
Finished Petroleum Products	--	--	1	2,776	113	71	-19	48	--	299	2,595
Finished Motor Gasoline	--	--	1	1,446	34	3	-19	2	--	25	1,438
Reformulated	--	--	--	1,007	--	--	-72	0	--	--	935
Conventional	--	--	1	439	34	3	53	2	--	25	503
Finished Aviation Gasoline	--	--	--	2	--	--	--	1	--	--	1
Kerosene-Type Jet Fuel	--	--	0	454	55	8	--	-3	--	26	495
Kerosene	--	--	--	0	--	--	--	0	--	4	-4
Distillate Fuel Oil	--	--	0	488	18	37	--	40	--	99	404
15 ppm sulfur and under	--	--	0	464	18	37	--	41	--	80	397
Greater than 15 to 500 ppm sulfur	--	--	--	12	--	--	--	2	--	1	9
Greater than 500 ppm sulfur	--	--	--	13	--	--	--	-3	--	18	-2
Residual Fuel Oil	--	--	--	75	2	--	--	14	--	31	31
Less than 0.31 percent sulfur	--	--	--	2	--	--	--	2	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	20	2	--	--	-2	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	53	--	--	--	15	--	NA	NA
Petrochemical Feedstocks	--	--	--	3	1	--	--	--	--	2	2
Naphtha for Petro. Feed. Use	--	--	--	--	1	--	--	--	--	--	1
Other Oils for Petro. Feed. Use	--	--	--	3	--	--	--	--	--	2	1
Special Naphthas	--	--	--	0	0	--	--	-1	--	--	1
Lubricants	--	--	--	14	2	1	--	3	--	10	4
Waxes	--	--	--	--	0	--	--	--	--	0	0
Petroleum Coke	--	--	--	130	--	4	--	-2	--	101	35
Marketable	--	--	--	99	--	4	--	-2	--	101	4
Catalyst	--	--	--	31	--	--	--	--	--	--	31
Asphalt and Road Oil	--	--	--	29	1	17	--	-7	--	1	53
Still Gas	--	--	--	123	--	--	--	--	--	--	123
Miscellaneous Products	--	--	--	12	--	--	--	0	--	0	12
Total	792	0	63	2,830	1,663	570	-7	73	2,659	368	2,812

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 12. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, October 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	742	82	--	--	1,151	111	2	12	2,076	--	0
Hydrocarbon Gas Liquids	64	-52	0	-6	54	57	--	0	36	64	19
Natural Gas Liquids	64	-52	0	-9	54	57	--	2	36	64	13
Ethane	--	--	--	--	--	--	--	--	--	0	0
Propane	7	-1	--	26	30	20	--	4	--	36	41
Normal Butane	18	-14	--	-33	25	34	--	-1	25	28	-23
Isobutane	6	-5	--	-2	--	4	--	-2	10	0	-6
Natural Gasoline	33	-32	0	--	--	--	--	0	1	0	0
Refinery Olefins	--	--	--	3	--	--	--	-2	--	--	6
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	5	--	--	--	0	--	--	5
Normal Butylene	--	--	--	-2	--	--	--	-2	--	--	1
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-30	45	--	118	402	-19	-79	419	25	149
Hydrogen/Biofuels/Other Hydrocarbons	--	--	45	--	15	249	28	-30	213	6	149
Hydrogen	--	--	--	--	--	--	40	--	40	--	0
Biofuels (including Fuel Ethanol)	--	--	45	--	15	249	-12	-30	173	6	149
Fuel Ethanol	--	--	8	--	--	147	-12	-10	149	4	0
Biofuels (excluding Fuel Ethanol)	--	--	37	--	15	102	--	-20	23	1	149
Biodiesel	--	--	10	--	4	12	--	-4	12	1	17
Renewable Diesel Fuel	--	--	24	--	11	89	--	-16	9	NA	132
Other Biofuels ⁶	--	--	2	--	--	0	--	0	2	NA	0
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-30	--	--	58	-3	--	-1	13	14	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	44	156	-48	-48	194	6	0
Reformulated	--	--	0	--	--	62	9	-12	82	0	0
Conventional	--	--	0	--	44	94	-56	-36	112	6	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	1	2,675	143	81	59	-8	--	342	2,625
Finished Motor Gasoline	--	--	1	1,458	12	3	59	-2	--	28	1,508
Reformulated	--	--	--	1,007	--	--	-8	0	--	--	1,000
Conventional	--	--	1	450	12	3	67	-2	--	28	508
Finished Aviation Gasoline	--	--	--	1	0	--	--	0	--	--	1
Kerosene-Type Jet Fuel	--	--	0	407	101	12	--	15	--	22	484
Kerosene	--	--	--	0	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	0	461	16	50	--	-17	--	157	386
15 ppm sulfur and under	--	--	0	441	16	50	--	-15	--	123	398
Greater than 15 to 500 ppm sulfur	--	--	--	8	--	--	--	-2	--	11	0
Greater than 500 ppm sulfur	--	--	--	12	0	--	--	1	--	24	-12
Residual Fuel Oil	--	--	--	81	9	--	--	-10	--	17	84
Less than 0.31 percent sulfur	--	--	--	2	--	--	--	1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	21	9	--	--	1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	59	--	--	--	-12	--	NA	NA
Petrochemical Feedstocks	--	--	--	4	1	--	--	--	--	11	-6
Naphtha for Petro. Feed. Use	--	--	--	--	1	--	--	--	--	--	1
Other Oils for Petro. Feed. Use	--	--	--	4	--	--	--	--	--	11	-7
Special Naphthas	--	--	--	1	0	--	--	0	--	--	0
Lubricants	--	--	--	11	1	--	--	4	--	3	5
Waxes	--	--	--	--	0	--	--	--	--	0	0
Petroleum Coke	--	--	--	108	--	0	--	9	--	104	-5
Marketable	--	--	--	82	--	0	--	9	--	104	-31
Catalyst	--	--	--	26	--	--	--	--	--	--	26
Asphalt and Road Oil	--	--	--	27	3	16	--	-7	--	1	52
Still Gas	--	--	--	105	--	--	--	--	--	--	105
Miscellaneous Products	--	--	--	11	--	--	--	0	--	0	11
Total	806	0	46	2,669	1,465	651	42	-75	2,530	431	2,792

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethane, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 12. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, November 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	744	39	--	--	1,304	119	40	192	2,053	0	0
Hydrocarbon Gas Liquids	63	-52	0	-19	57	84	--	-19	41	33	78
Natural Gas Liquids	63	-52	0	-25	57	84	--	-17	41	33	70
Ethane	0	--	--	--	--	--	--	--	--	0	0
Propane	7	-1	--	26	28	24	--	-3	--	21	66
Normal Butane	18	-14	--	-54	29	52	--	-17	25	12	11
Isobutane	6	-5	--	2	0	8	--	3	16	0	-7
Natural Gasoline	32	-31	0	--	--	--	--	0	1	0	0
Refinery Olefins	--	--	--	6	--	--	--	-2	--	--	8
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	5	--	--	--	0	--	--	5
Normal Butylene	--	--	--	0	--	--	--	-2	--	--	2
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	12	61	--	106	409	-5	40	395	12	136
Hydrogen/Biofuels/Other Hydrocarbons	--	--	61	--	31	248	42	34	206	6	136
Hydrogen	--	--	--	--	--	--	41	--	41	--	0
Biofuels (including Fuel Ethanol)	--	--	61	--	31	248	0	34	165	6	136
Fuel Ethanol	--	--	9	--	--	141	0	2	144	5	0
Biofuels (excluding Fuel Ethanol)	--	--	52	--	31	106	--	32	21	1	136
Biodiesel	--	--	9	--	4	16	--	4	11	1	11
Renewable Diesel Fuel	--	--	41	--	27	91	--	27	7	NA	125
Other Biofuels ⁶	--	--	3	--	--	0	--	1	3	NA	-1
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	12	--	--	58	--	--	33	37	0	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	17	161	-47	-27	153	6	0
Reformulated	--	--	0	--	--	69	0	-11	80	0	0
Conventional	--	--	0	--	17	92	-47	-16	72	6	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	1	2,647	108	69	46	-22	--	320	2,574
Finished Motor Gasoline	--	--	1	1,424	23	2	46	-9	--	38	1,467
Reformulated	--	--	--	973	--	--	12	0	--	--	985
Conventional	--	--	1	452	23	2	34	-9	--	38	482
Finished Aviation Gasoline	--	--	--	0	0	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	0	418	60	7	--	-17	--	31	471
Kerosene	--	--	--	0	--	--	--	0	--	0	0
Distillate Fuel Oil	--	--	0	455	4	34	--	10	--	143	340
15 ppm sulfur and under	--	--	0	424	4	34	--	2	--	96	364
Greater than 15 to 500 ppm sulfur	--	--	--	9	--	--	--	-1	--	10	0
Greater than 500 ppm sulfur	--	--	--	21	0	--	--	9	--	37	-24
Residual Fuel Oil	--	--	--	94	13	--	--	0	--	8	100
Less than 0.31 percent sulfur	--	--	--	2	12	--	--	2	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	19	0	--	--	-8	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	74	--	--	--	6	--	NA	NA
Petrochemical Feedstocks	--	--	--	2	1	--	--	--	--	8	-5
Naphtha for Petro. Feed. Use	--	--	--	--	1	--	--	--	--	--	1
Other Oils for Petro. Feed. Use	--	--	--	2	--	--	--	--	--	8	-6
Special Naphthas	--	--	--	1	0	--	--	-1	--	--	1
Lubricants	--	--	--	7	5	--	--	-8	--	9	11
Waxes	--	--	--	--	0	--	--	--	--	0	0
Petroleum Coke	--	--	--	109	--	5	--	3	--	81	30
Marketable	--	--	--	82	--	5	--	3	--	81	4
Catalyst	--	--	--	27	--	--	--	--	--	--	27
Asphalt and Road Oil	--	--	--	19	3	19	--	2	--	1	38
Still Gas	--	--	--	109	--	--	--	--	--	--	109
Miscellaneous Products	--	--	--	11	--	--	--	0	--	0	12
Total	806	0	62	2,628	1,575	681	81	191	2,489	365	2,787

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

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⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 12. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, December 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	747	82	--	--	1,043	119	144	-23	2,156	--	0
Hydrocarbon Gas Liquids	68	-57	0	-11	61	69	--	-31	49	54	59
Natural Gas Liquids	68	-57	0	-17	61	69	--	-31	49	54	52
Ethane	--	--	--	--	--	--	--	--	--	--	--
Propane	7	-1	--	28	37	19	--	-18	--	42	65
Normal Butane	20	-16	--	-46	24	42	--	-15	31	12	-6
Isobutane	6	-6	--	2	--	9	--	1	17	0	-8
Natural Gasoline	35	-35	0	--	--	--	--	0	1	0	0
Refinery Olefins	--	--	--	7	--	--	--	0	--	--	7
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	7	--	--	--	0	--	--	7
Normal Butylene	--	--	--	0	--	--	--	0	--	--	0
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-25	68	--	95	378	-8	50	287	14	157
Hydrogen/Biofuels/Other Hydrocarbons	--	--	68	--	37	209	67	13	203	8	157
Hydrogen	--	--	--	--	--	--	44	--	44	--	0
Biofuels (including Fuel Ethanol)	--	--	68	--	37	209	23	13	159	8	157
Fuel Ethanol	--	--	8	--	--	119	23	3	142	6	0
Biofuels (excluding Fuel Ethanol)	--	--	59	--	37	90	--	10	17	2	157
Biodiesel	--	--	10	--	3	14	--	2	9	2	15
Renewable Diesel Fuel	--	--	47	--	34	76	--	10	7	NA	140
Other Biofuels ⁶	--	--	2	--	--	--	--	-2	2	NA	2
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-25	--	--	57	--	--	-7	38	1	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	1	169	-75	44	46	5	0
Reformulated	--	--	0	--	--	68	-11	22	35	--	0
Conventional	--	--	0	--	1	101	-65	22	11	5	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	2	2,660	117	76	52	58	--	321	2,528
Finished Motor Gasoline	--	--	2	1,384	8	3	52	0	--	40	1,409
Reformulated	--	--	--	959	--	--	16	0	--	--	975
Conventional	--	--	2	426	8	3	36	0	--	40	434
Finished Aviation Gasoline	--	--	--	3	0	--	--	2	--	--	1
Kerosene-Type Jet Fuel	--	--	0	462	78	7	--	17	--	20	511
Kerosene	--	--	--	0	--	--	--	0	--	0	0
Distillate Fuel Oil	--	--	0	452	6	44	--	40	--	117	345
15 ppm sulfur and under	--	--	0	418	6	44	--	42	--	109	317
Greater than 15 to 500 ppm sulfur	--	--	--	14	--	--	--	2	--	1	12
Greater than 500 ppm sulfur	--	--	--	20	0	--	--	-4	--	7	17
Residual Fuel Oil	--	--	--	76	19	--	--	-6	--	2	100
Less than 0.31 percent sulfur	--	--	--	1	16	--	--	5	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	29	3	--	--	8	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	46	--	--	--	-20	--	NA	NA
Petrochemical Feedstocks	--	--	--	2	--	--	--	--	--	6	-4
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	2	--	--	--	--	--	6	-4
Special Naphthas	--	--	--	1	0	--	--	0	--	--	1
Lubricants	--	--	--	12	1	--	--	0	--	17	-5
Waxes	--	--	--	--	1	--	--	--	--	0	1
Petroleum Coke	--	--	--	119	--	9	--	-5	--	119	15
Marketable	--	--	--	90	--	9	--	-5	--	119	-15
Catalyst	--	--	--	29	--	--	--	--	--	--	29
Asphalt and Road Oil	--	--	--	22	5	13	--	9	--	1	29
Still Gas	--	--	--	114	--	--	--	--	--	--	114
Miscellaneous Products	--	--	--	13	--	--	--	0	--	0	12
Total	815	0	69	2,650	1,316	641	188	55	2,492	389	2,744

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethane, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 13. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, January 2023
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Supply							
Field Production	2,030	52,033	285,981	26,736	24,148	390,928	12,611
Alaskan	--	--	--	--	--	13,901	448
Lower 48 States	--	--	--	--	--	377,027	12,162
Transfers to Crude Oil Supply	1,527	2,063	8,084	555	2,460	14,690	474
Imports (PAD District of Entry)	16,521	91,278	39,696	12,786	35,031	195,312	6,300
Commercial	16,521	91,278	39,696	12,786	35,031	195,312	6,300
Strategic Petroleum Reserve (SPR)	--	--	--	--	--	--	--
Net Receipts	3,757	-11,243	26,796	-22,524	3,215	--	--
Adjustments ¹	-484	-810	8,020	-3,387	-2,293	1,045	34
Disposition							
Stock Change ²	-448	16,970	12,568	-487	3	28,606	923
Commercial	-448	16,970	13,019	-487	3	29,057	937
SPR	--	--	-451	--	--	-451	-15
Refinery Inputs	23,799	113,697	252,976	14,653	62,558	467,683	15,087
Exports	0	2,654	103,032	--	--	105,686	3,409
Ending Stocks							
Total	7,164	123,976	627,659	23,934	48,005	830,738	--
Commercial	7,164	123,976	256,080	23,934	48,005	459,159	--
Refinery	5,106	13,790	46,318	2,489	20,191	87,894	--
Tank Farms and Pipelines	2,058	110,186	209,762	21,445	23,620	367,071	--
Cushing, Oklahoma	--	39,011	--	--	--	39,011	--
Lease	--	--	--	--	--	--	--
Alaskan Crude Oil In-Transit by Water	--	--	--	--	4,194	4,194	--
SPR	--	--	371,579	--	--	371,579	--
SPR Stocks							
Percent of Total Crude Oil Stocks (Percent)	--	--	--	--	--	44.7	--
Percent of Total Petroleum Stocks (Percent)	--	--	--	--	--	22.9	--
Days of Total Petroleum Net Imports (Days)	--	--	--	--	--	--	--
SPR Receipts Detail							
Receipts	--	--	--	--	--	--	--
Domestic	--	--	--	--	--	--	--
Imports	--	--	--	--	--	--	--
Imported by SPR	--	--	--	--	--	--	--
Imported for SPR by Others	--	--	--	--	--	--	--
Imports							
PAD District of Entry	16,521	91,278	39,696	12,786	35,031	195,312	6,300
PAD District of Processing	17,036	82,041	52,182	9,022	35,031	195,312	6,300

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil adjustment was previously referred to as Unaccounted-for Crude Oil.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

Notes: Totals may not equal the sum of components due to independent rounding. Values of Domestic Crude Oil Field Production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," and EIA-817, "Monthly Tanker and Barge Movements Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 13. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, February 2023
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Supply							
Field Production	1,935	49,775	254,975	23,913	21,937	352,534	12,591
Alaskan	--	--	--	--	--	12,494	446
Lower 48 States	--	--	--	--	--	340,040	12,144
Transfers to Crude Oil Supply	1,537	1,972	4,058	479	1,311	9,357	334
Imports (PAD District of Entry)	16,053	85,043	39,201	12,228	33,136	185,661	6,631
Commercial	16,053	85,043	39,201	12,228	33,136	185,661	6,631
Strategic Petroleum Reserve (SPR)	--	--	--	--	--	--	--
Net Receipts	1,681	-19,102	34,450	-20,268	3,238	--	--
Adjustments ¹	-1,908	-3,392	10,878	-1,064	-173	4,341	155
Disposition							
Stock Change ²	453	3,542	7,130	803	1,282	13,210	472
Commercial	453	3,542	7,130	803	1,282	13,210	472
SPR	--	--	0	--	--	0	0
Refinery Inputs	18,846	107,388	224,632	14,484	58,167	423,517	15,126
Exports	0	3,366	111,799	--	--	115,166	4,113
Ending Stocks							
Total	7,617	127,518	634,789	24,737	49,287	843,948	--
Commercial	7,617	127,518	263,210	24,737	49,287	472,369	--
Refinery	5,513	14,398	45,287	2,425	21,009	88,632	--
Tank Farms and Pipelines	2,104	113,120	217,923	22,312	23,710	379,169	--
Cushing, Oklahoma	--	40,208	--	--	--	40,208	--
Lease	--	--	--	--	--	--	--
Alaskan Crude Oil In-Transit by Water	--	--	--	--	4,568	4,568	--
SPR	--	--	371,579	--	--	371,579	--
SPR Stocks							
Percent of Total Crude Oil Stocks (Percent)	--	--	--	--	--	44.0	--
Percent of Total Petroleum Stocks (Percent)	--	--	--	--	--	22.7	--
Days of Total Petroleum Net Imports (Days)	--	--	--	--	--	--	--
SPR Receipts Detail							
Receipts	--	--	--	--	--	--	--
Domestic	--	--	--	--	--	--	--
Imports	--	--	--	--	--	--	--
Imported by SPR	--	--	--	--	--	--	--
Imported for SPR by Others	--	--	--	--	--	--	--
Imports							
PAD District of Entry	16,053	85,043	39,201	12,228	33,136	185,661	6,631
PAD District of Processing	16,337	77,138	50,288	8,762	33,136	185,661	6,631

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil adjustment was previously referred to as Unaccounted-for Crude Oil.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

Notes: Totals may not equal the sum of components due to independent rounding. Values of Domestic Crude Oil Field Production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," and EIA-817, "Monthly Tanker and Barge Movements Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 13. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, March 2023
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Supply							
Field Production	2,074	54,530	289,055	27,734	23,887	397,280	12,815
Alaskan	--	--	--	--	--	13,492	435
Lower 48 States	--	--	--	--	--	383,788	12,380
Transfers to Crude Oil Supply	2,362	3,115	6,412	639	1,347	13,874	448
Imports (PAD District of Entry)	16,154	89,039	39,962	11,717	38,525	195,397	6,303
Commercial	16,154	89,039	39,962	11,717	38,525	195,397	6,303
Strategic Petroleum Reserve (SPR)	--	--	--	--	--	--	--
Net Receipts	2,286	-31,287	46,720	-20,192	2,473	--	--
Adjustments ¹	-4,200	-3,631	10,994	-2,115	2,523	3,571	115
Disposition							
Stock Change ²	-584	-6,294	-1,810	1,019	115	-7,554	-244
Commercial	-584	-6,294	-1,406	1,019	115	-7,150	-231
SPR	--	--	-404	--	--	-404	-13
Refinery Inputs	19,259	115,973	261,306	16,763	67,587	480,888	15,513
Exports	0	2,088	133,647	--	1,053	136,788	4,413
Ending Stocks							
Total	7,033	121,224	632,979	25,756	49,402	836,394	--
Commercial	7,033	121,224	261,804	25,756	49,402	465,219	--
Refinery	5,434	13,313	44,895	2,554	20,726	86,922	--
Tank Farms and Pipelines	1,599	107,911	216,909	23,202	23,726	373,347	--
Cushing, Oklahoma	--	33,857	--	--	--	33,857	--
Lease	--	--	--	--	--	--	--
Alaskan Crude Oil In-Transit by Water	--	--	--	--	4,950	4,950	--
SPR	--	--	371,175	--	--	371,175	--
SPR Stocks							
Percent of Total Crude Oil Stocks (Percent)	--	--	--	--	--	44.4	--
Percent of Total Petroleum Stocks (Percent)	--	--	--	--	--	23.2	--
Days of Total Petroleum Net Imports (Days)	--	--	--	--	--	--	--
SPR Receipts Detail							
Receipts	--	--	--	--	--	--	--
Domestic	--	--	--	--	--	--	--
Imports	--	--	--	--	--	--	--
Imported by SPR	--	--	--	--	--	--	--
Imported for SPR by Others	--	--	--	--	--	--	--
Imports							
PAD District of Entry	16,154	89,039	39,962	11,717	38,525	195,397	6,303
PAD District of Processing	16,177	81,133	51,409	8,153	38,525	195,397	6,303

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil adjustment was previously referred to as Unaccounted-for Crude Oil.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

Notes: Totals may not equal the sum of components due to independent rounding. Values of Domestic Crude Oil Field Production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," and EIA-817, "Monthly Tanker and Barge Movements Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 13. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, April 2023
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Supply							
Field Production	1,998	52,972	274,830	27,263	23,347	380,410	12,680
Alaskan	--	--	--	--	--	13,034	434
Lower 48 States	--	--	--	--	--	367,376	12,246
Transfers to Crude Oil Supply	2,764	3,305	5,861	541	3,336	15,808	527
Imports (PAD District of Entry)	20,050	80,747	36,960	9,682	39,169	186,608	6,220
Commercial	20,050	80,747	36,960	9,682	39,169	186,608	6,220
Strategic Petroleum Reserve (SPR)	--	--	--	--	--	--	--
Net Receipts	2,620	-25,108	38,251	-19,538	3,775	--	--
Adjustments ¹	-2,854	198	11,820	-2,351	-3,381	3,432	114
Disposition							
Stock Change ²	1,114	-577	-16,570	200	2,789	-13,044	-435
Commercial	1,114	-577	-9,118	200	2,789	-5,592	-186
SPR	--	--	-7,452	--	--	-7,452	-248
Refinery Inputs	23,465	111,324	261,552	15,397	63,457	475,195	15,840
Exports	0	1,366	122,740	--	--	124,107	4,137
Ending Stocks							
Total	8,147	120,647	616,409	25,956	52,191	823,350	--
Commercial	8,147	120,647	252,686	25,956	52,191	459,627	--
Refinery	6,584	13,568	45,258	2,381	22,847	90,638	--
Tank Farms and Pipelines	1,563	107,079	207,428	23,575	24,311	363,956	--
Cushing, Oklahoma	--	33,247	--	--	--	33,247	--
Lease	--	--	--	--	--	--	--
Alaskan Crude Oil In-Transit by Water	--	--	--	--	5,033	5,033	--
SPR	--	--	363,723	--	--	363,723	--
SPR Stocks							
Percent of Total Crude Oil Stocks (Percent)	--	--	--	--	--	44.2	--
Percent of Total Petroleum Stocks (Percent)	--	--	--	--	--	22.6	--
Days of Total Petroleum Net Imports (Days)	--	--	--	--	--	--	--
SPR Receipts Detail							
Receipts	--	--	400	--	--	400	13
Domestic	--	--	400	--	--	400	13
Imports	--	--	--	--	--	--	--
Imported by SPR	--	--	--	--	--	--	--
Imported for SPR by Others	--	--	--	--	--	--	--
Imports							
PAD District of Entry	20,050	80,747	36,960	9,682	39,169	186,608	6,220
PAD District of Processing	20,051	73,588	47,790	6,010	39,169	186,608	6,220

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil adjustment was previously referred to as Unaccounted-for Crude Oil.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

Notes: Totals may not equal the sum of components due to independent rounding. Values of Domestic Crude Oil Field Production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," and EIA-817, "Monthly Tanker and Barge Movements Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 13. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, May 2023
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Supply							
Field Production	2,078	55,375	284,260	28,858	24,047	394,619	12,730
Alaskan	--	--	--	--	--	13,335	430
Lower 48 States	--	--	--	--	--	381,284	12,299
Transfers to Crude Oil Supply	2,375	685	4,181	596	2,582	10,419	336
Imports (PAD District of Entry)	19,172	93,777	40,033	10,932	36,493	200,407	6,465
Commercial	19,172	93,777	40,033	10,932	36,493	200,407	6,465
Strategic Petroleum Reserve (SPR)	--	--	--	--	--	--	--
Net Receipts	2,075	-20,007	37,589	-23,129	3,472	--	--
Adjustments ¹	-2,613	-4,046	13,977	-692	1,486	8,113	262
Disposition							
Stock Change ²	-247	4,472	-12,319	199	-446	-8,341	-269
Commercial	-247	4,472	-2,962	199	-446	1,016	33
SPR	--	--	-9,357	--	--	-9,357	-302
Refinery Inputs	23,334	117,937	276,503	16,365	68,527	502,666	16,215
Exports	0	3,375	115,857	--	--	119,233	3,846
Ending Stocks							
Total	7,900	125,119	604,090	26,155	51,745	815,009	--
Commercial	7,900	125,119	249,724	26,155	51,745	460,643	--
Refinery	6,602	13,220	44,400	2,771	22,102	89,095	--
Tank Farms and Pipelines	1,298	111,899	205,324	23,384	25,100	367,005	--
Cushing, Oklahoma	--	40,325	--	--	--	40,325	--
Lease	--	--	--	--	--	--	--
Alaskan Crude Oil In-Transit by Water	--	--	--	--	4,543	4,543	--
SPR	--	--	354,366	--	--	354,366	--
SPR Stocks							
Percent of Total Crude Oil Stocks (Percent)	--	--	--	--	--	43.5	--
Percent of Total Petroleum Stocks (Percent)	--	--	--	--	--	22.0	--
Days of Total Petroleum Net Imports (Days)	--	--	--	--	--	--	--
SPR Receipts Detail							
Receipts	--	--	800	--	--	800	26
Domestic	--	--	800	--	--	800	26
Imports	--	--	--	--	--	--	--
Imported by SPR	--	--	--	--	--	--	--
Imported for SPR by Others	--	--	--	--	--	--	--
Imports							
PAD District of Entry	19,172	93,777	40,033	10,932	36,493	200,407	6,465
PAD District of Processing	19,172	86,968	51,462	6,312	36,493	200,407	6,465

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil adjustment was previously referred to as Unaccounted-for Crude Oil.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

Notes: Totals may not equal the sum of components due to independent rounding. Values of Domestic Crude Oil Field Production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," and EIA-817, "Monthly Tanker and Barge Movements Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 13. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, June 2023
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Supply							
Field Production	2,072	54,265	278,003	28,392	23,235	385,967	12,866
Alaskan	--	--	--	--	--	12,696	423
Lower 48 States	--	--	--	--	--	373,272	12,442
Transfers to Crude Oil Supply	2,534	578	12,129	427	861	16,529	551
Imports (PAD District of Entry)	16,165	84,789	41,969	11,028	41,578	195,529	6,518
Commercial	16,165	84,789	41,969	11,028	41,578	195,529	6,518
Strategic Petroleum Reserve (SPR)	--	--	--	--	--	--	--
Net Receipts	2,657	-16,756	31,730	-21,563	3,932	--	--
Adjustments ¹	-4,571	988	4,052	-1,325	-721	-1,577	-53
Disposition							
Stock Change ²	-407	1,070	-10,503	-1,325	-1,971	-13,136	-438
Commercial	-407	1,070	-3,295	-1,325	-1,971	-5,928	-198
SPR	--	--	-7,208	--	--	-7,208	-240
Refinery Inputs	19,262	120,442	264,639	18,285	69,556	492,184	16,406
Exports	1	2,352	113,748	--	1,300	117,401	3,913
Ending Stocks							
Total	7,493	126,189	593,587	24,830	49,774	801,873	--
Commercial	7,493	126,189	246,429	24,830	49,774	454,715	--
Refinery	5,920	13,206	46,376	2,755	22,853	91,110	--
Tank Farms and Pipelines	1,573	112,983	200,053	22,075	23,030	359,714	--
Cushing, Oklahoma	--	43,330	--	--	--	43,330	--
Lease	--	--	--	--	--	--	--
Alaskan Crude Oil In-Transit by Water	--	--	--	--	3,891	3,891	--
SPR	--	--	347,158	--	--	347,158	--
SPR Stocks							
Percent of Total Crude Oil Stocks (Percent)	--	--	--	--	--	43.3	--
Percent of Total Petroleum Stocks (Percent)	--	--	--	--	--	21.6	--
Days of Total Petroleum Net Imports (Days)	--	--	--	--	--	--	--
SPR Receipts Detail							
Receipts	--	--	--	--	--	--	--
Domestic	--	--	--	--	--	--	--
Imports	--	--	--	--	--	--	--
Imported by SPR	--	--	--	--	--	--	--
Imported for SPR by Others	--	--	--	--	--	--	--
Imports							
PAD District of Entry	16,165	84,789	41,969	11,028	41,578	195,529	6,518
PAD District of Processing	16,222	77,571	52,573	7,585	41,578	195,529	6,518

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil adjustment was previously referred to as Unaccounted-for Crude Oil.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).
Notes: Totals may not equal the sum of components due to independent rounding. Values of Domestic Crude Oil Field Production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," and EIA-817, "Monthly Tanker and Barge Movements Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 13. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, July 2023
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Supply							
Field Production	2,177	55,989	290,817	28,955	23,056	400,994	12,935
Alaskan	--	--	--	--	--	12,314	397
Lower 48 States	--	--	--	--	--	388,680	12,538
Transfers to Crude Oil Supply	3,421	1,254	10,809	546	1,562	17,591	567
Imports (PAD District of Entry)	17,262	85,592	45,905	11,157	35,549	195,465	6,305
Commercial	17,262	85,592	45,905	11,157	35,549	195,465	6,305
Strategic Petroleum Reserve (SPR)	--	--	--	--	--	--	--
Net Receipts	1,697	-25,462	40,603	-21,225	4,386	--	--
Adjustments ¹	-3,709	3,475	8,927	-1,369	1,220	8,545	276
Disposition							
Stock Change ²	303	-7,418	-1,604	-775	-4,978	-14,472	-467
Commercial	303	-7,418	-1,900	-775	-4,978	-14,768	-476
SPR	--	--	296	--	--	296	10
Refinery Inputs	20,546	125,214	280,117	18,839	70,751	515,467	16,628
Exports	0	3,051	118,548	--	0	121,600	3,923
Ending Stocks							
Total	7,796	118,771	591,983	24,055	44,796	787,401	--
Commercial	7,796	118,771	244,529	24,055	44,796	439,947	--
Refinery	6,391	13,569	45,462	2,509	17,890	85,821	--
Tank Farms and Pipelines	1,405	105,202	199,067	21,546	23,557	350,777	--
Cushing, Oklahoma	--	33,962	--	--	--	33,962	--
Lease	--	--	--	--	--	--	--
Alaskan Crude Oil In-Transit by Water	--	--	--	--	3,349	3,349	--
SPR	--	--	347,454	--	--	347,454	--
SPR Stocks							
Percent of Total Crude Oil Stocks (Percent)	--	--	--	--	--	44.1	--
Percent of Total Petroleum Stocks (Percent)	--	--	--	--	--	21.5	--
Days of Total Petroleum Net Imports (Days)	--	--	--	--	--	--	--
SPR Receipts Detail							
Receipts	--	--	695	--	--	695	22
Domestic	--	--	695	--	--	695	22
Imports	--	--	--	--	--	--	--
Imported by SPR	--	--	--	--	--	--	--
Imported for SPR by Others	--	--	--	--	--	--	--
Imports							
PAD District of Entry	17,262	85,592	45,905	11,157	35,549	195,465	6,305
PAD District of Processing	17,262	78,290	56,655	7,709	35,549	195,465	6,305

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil adjustment was previously referred to as Unaccounted-for Crude Oil.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

Notes: Totals may not equal the sum of components due to independent rounding. Values of Domestic Crude Oil Field Production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," and EIA-817, "Monthly Tanker and Barge Movements Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 13. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, August 2023
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Supply							
Field Production	2,213	57,190	292,284	29,852	22,930	404,469	13,047
Alaskan	--	--	--	--	--	12,274	396
Lower 48 States	--	--	--	--	--	392,195	12,651
Transfers to Crude Oil Supply	3,239	2,390	13,767	787	712	20,895	674
Imports (PAD District of Entry)	20,452	92,371	45,200	13,253	45,378	216,654	6,989
Commercial	20,452	92,371	45,200	13,253	45,378	216,654	6,989
Strategic Petroleum Reserve (SPR)	--	--	--	--	--	--	--
Net Receipts	2,106	-23,263	40,018	-22,452	3,591	--	--
Adjustments ¹	-4,382	-6,268	5,596	-2,695	-82	-7,831	-253
Disposition							
Stock Change ²	-891	-9,555	-9,964	-470	1,110	-19,770	-638
Commercial	-891	-9,555	-12,840	-470	1,110	-22,646	-731
SPR	--	--	2,876	--	--	2,876	93
Refinery Inputs	24,518	128,872	274,111	19,214	70,659	517,374	16,689
Exports	0	3,104	132,718	--	760	136,582	4,406
Ending Stocks							
Total	6,905	109,216	582,019	23,585	45,906	767,631	--
Commercial	6,905	109,216	231,689	23,585	45,906	417,301	--
Refinery	5,456	12,665	45,371	2,582	20,969	87,043	--
Tank Farms and Pipelines	1,449	96,551	186,318	21,003	22,069	327,390	--
Cushing, Oklahoma	--	27,014	--	--	--	27,014	--
Lease	--	--	--	--	--	--	--
Alaskan Crude Oil In-Transit by Water	--	--	--	--	2,868	2,868	--
SPR	--	--	350,330	--	--	350,330	--
SPR Stocks							
Percent of Total Crude Oil Stocks (Percent)	--	--	--	--	--	45.6	--
Percent of Total Petroleum Stocks (Percent)	--	--	--	--	--	21.8	--
Days of Total Petroleum Net Imports (Days)	--	--	--	--	--	--	--
SPR Receipts Detail							
Receipts	--	--	2,875	--	--	2,875	93
Domestic	--	--	2,875	--	--	2,875	93
Imports	--	--	--	--	--	--	--
Imported by SPR	--	--	--	--	--	--	--
Imported for SPR by Others	--	--	--	--	--	--	--
Imports							
PAD District of Entry	20,452	92,371	45,200	13,253	45,378	216,654	6,989
PAD District of Processing	20,452	85,199	57,485	8,140	45,378	216,654	6,989

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil adjustment was previously referred to as Unaccounted-for Crude Oil.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

Notes: Totals may not equal the sum of components due to independent rounding. Values of Domestic Crude Oil Field Production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," and EIA-817, "Monthly Tanker and Barge Movements Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 13. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, September 2023
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Supply							
Field Production	2,013	57,305	285,125	28,868	21,989	395,300	13,177
Alaskan	--	--	--	--	--	12,462	415
Lower 48 States	--	--	--	--	--	382,838	12,761
Transfers to Crude Oil Supply	2,212	2,582	12,502	673	2,741	20,710	690
Imports (PAD District of Entry)	17,487	84,709	44,042	12,392	41,862	200,492	6,683
Commercial	17,487	84,709	44,042	12,392	41,862	200,492	6,683
Strategic Petroleum Reserve (SPR)	--	--	--	--	--	--	--
Net Receipts	827	-30,748	46,276	-19,270	2,916	--	--
Adjustments ¹	-1,667	830	1,882	-3,148	-1,604	-3,706	-124
Disposition							
Stock Change ²	635	-4,784	7,106	460	-1,909	1,508	50
Commercial	635	-4,784	6,162	460	-1,909	564	19
SPR	--	--	944	--	--	944	31
Refinery Inputs	20,235	114,469	263,607	19,055	69,813	487,179	16,239
Exports	1	4,993	119,115	--	--	124,109	4,137
Ending Stocks							
Total	7,540	104,432	589,125	24,045	43,997	769,139	--
Commercial	7,540	104,432	237,851	24,045	43,997	417,865	--
Refinery	6,133	12,954	46,694	2,577	18,357	86,715	--
Tank Farms and Pipelines	1,407	91,478	191,157	21,468	24,700	330,210	--
Cushing, Oklahoma	--	21,606	--	--	--	21,606	--
Lease	--	--	--	--	--	--	--
Alaskan Crude Oil In-Transit by Water	--	--	--	--	940	940	--
SPR	--	--	351,274	--	--	351,274	--
SPR Stocks							
Percent of Total Crude Oil Stocks (Percent)	--	--	--	--	--	45.7	--
Percent of Total Petroleum Stocks (Percent)	--	--	--	--	--	21.5	--
Days of Total Petroleum Net Imports (Days)	--	--	--	--	--	--	--
SPR Receipts Detail							
Receipts	--	--	1,184	--	--	1,184	39
Domestic	--	--	1,184	--	--	1,184	39
Imports	--	--	--	--	--	--	--
Imported by SPR	--	--	--	--	--	--	--
Imported for SPR by Others	--	--	--	--	--	--	--
Imports							
PAD District of Entry	17,487	84,709	44,042	12,392	41,862	200,492	6,683
PAD District of Processing	17,833	76,058	55,977	8,762	41,862	200,492	6,683

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil adjustment was previously referred to as Unaccounted-for Crude Oil.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

Notes: Totals may not equal the sum of components due to independent rounding. Values of Domestic Crude Oil Field Production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," and EIA-817, "Monthly Tanker and Barge Movements Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 13. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, October 2023
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Supply							
Field Production	2,169	58,319	293,691	30,443	22,993	407,615	13,149
Alaskan	--	--	--	--	--	13,205	426
Lower 48 States	--	--	--	--	--	394,410	12,723
Transfers to Crude Oil Supply	2,488	794	14,226	668	2,542	20,720	668
Imports (PAD District of Entry)	17,005	88,529	36,369	12,459	35,680	190,042	6,130
Commercial	17,005	88,529	36,369	12,459	35,680	190,042	6,130
Strategic Petroleum Reserve (SPR)	--	--	--	--	--	--	--
Net Receipts	781	-33,121	49,987	-21,073	3,426	--	--
Adjustments ¹	-2,809	3,595	-4,247	-2,807	64	-6,204	-200
Disposition							
Stock Change ²	1,081	714	6,088	-113	358	8,128	262
Commercial	1,081	714	6,088	-113	358	8,128	262
SPR	--	--	0	--	--	0	0
Refinery Inputs	18,553	113,985	259,375	19,804	64,347	476,064	15,357
Exports	1	3,417	124,564	--	--	127,981	4,128
Ending Stocks							
Total	8,621	105,146	595,213	23,932	44,355	777,267	--
Commercial	8,621	105,146	243,939	23,932	44,355	425,993	--
Refinery	6,562	13,020	50,071	2,471	18,625	90,749	--
Tank Farms and Pipelines	2,059	92,126	193,868	21,461	23,382	332,896	--
Cushing, Oklahoma	--	22,976	--	--	--	22,976	--
Lease	--	--	--	--	--	--	--
Alaskan Crude Oil In-Transit by Water	--	--	--	--	2,348	2,348	--
SPR	--	--	351,274	--	--	351,274	--
SPR Stocks							
Percent of Total Crude Oil Stocks (Percent)	--	--	--	--	--	45.2	--
Percent of Total Petroleum Stocks (Percent)	--	--	--	--	--	21.8	--
Days of Total Petroleum Net Imports (Days)	--	--	--	--	--	--	--
SPR Receipts Detail							
Receipts	--	--	--	--	--	--	--
Domestic	--	--	--	--	--	--	--
Imports	--	--	--	--	--	--	--
Imported by SPR	--	--	--	--	--	--	--
Imported for SPR by Others	--	--	--	--	--	--	--
Imports							
PAD District of Entry	17,005	88,529	36,369	12,459	35,680	190,042	6,130
PAD District of Processing	17,303	80,220	48,512	8,327	35,680	190,042	6,130

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil adjustment was previously referred to as Unaccounted-for Crude Oil.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

Notes: Totals may not equal the sum of components due to independent rounding. Values of Domestic Crude Oil Field Production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," and EIA-817, "Monthly Tanker and Barge Movements Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 13. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, November 2023
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Supply							
Field Production	2,033	57,253	286,615	30,223	22,309	398,433	13,281
Alaskan	--	--	--	--	--	12,836	428
Lower 48 States	--	--	--	--	--	385,597	12,853
Transfers to Crude Oil Supply	4,073	-361	10,927	722	1,179	16,540	551
Imports (PAD District of Entry)	20,943	98,292	37,031	12,419	39,109	207,794	6,926
Commercial	20,943	98,292	37,031	12,419	39,109	207,794	6,926
Strategic Petroleum Reserve (SPR)	--	--	--	--	--	--	--
Net Receipts	1,815	-25,149	42,640	-22,885	3,579	--	--
Adjustments ¹	-6,783	-6,665	3,294	-1,339	1,191	-10,302	-343
Disposition							
Stock Change ²	-103	5,630	4,435	752	5,768	16,482	549
Commercial	-103	5,630	3,798	752	5,768	15,845	528
SPR	--	--	637	--	--	637	21
Refinery Inputs	22,182	114,217	261,731	18,388	61,597	478,115	15,937
Exports	1	3,524	114,341	0	2	117,868	3,929
Ending Stocks							
Total	8,518	110,776	599,648	24,684	50,123	793,749	--
Commercial	8,518	110,776	247,737	24,684	50,123	441,838	--
Refinery	6,335	13,078	45,120	2,676	22,790	89,999	--
Tank Farms and Pipelines	2,183	97,698	202,617	22,008	24,785	349,291	--
Cushing, Oklahoma	--	29,424	--	--	--	29,424	--
Lease	--	--	--	--	--	--	--
Alaskan Crude Oil In-Transit by Water	--	--	--	--	2,548	2,548	--
SPR	--	--	351,911	--	--	351,911	--
SPR Stocks							
Percent of Total Crude Oil Stocks (Percent)	--	--	--	--	--	44.3	--
Percent of Total Petroleum Stocks (Percent)	--	--	--	--	--	21.8	--
Days of Total Petroleum Net Imports (Days)	--	--	--	--	--	--	--
SPR Receipts Detail							
Receipts	--	--	637	--	--	637	21
Domestic	--	--	637	--	--	637	21
Imports	--	--	--	--	--	--	--
Imported by SPR	--	--	--	--	--	--	--
Imported for SPR by Others	--	--	--	--	--	--	--
Imports							
PAD District of Entry	20,943	98,292	37,031	12,419	39,109	207,794	6,926
PAD District of Processing	21,406	92,803	47,130	7,346	39,109	207,794	6,926

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil adjustment was previously referred to as Unaccounted-for Crude Oil.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

Notes: Totals may not equal the sum of components due to independent rounding. Values of Domestic Crude Oil Field Production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," and EIA-817, "Monthly Tanker and Barge Movements Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 13. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, December 2023
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Supply							
Field Production	1,867	58,975	297,027	31,534	23,143	412,547	13,308
Alaskan	--	--	--	--	--	13,423	433
Lower 48 States	--	--	--	--	--	399,124	12,875
Transfers to Crude Oil Supply	2,298	251	8,884	656	2,548	14,636	472
Imports (PAD District of Entry)	17,878	90,172	44,940	13,766	32,319	199,075	6,422
Commercial	17,878	90,172	44,940	13,766	32,319	199,075	6,422
Strategic Petroleum Reserve (SPR)	--	--	--	--	--	--	--
Net Receipts	1,565	-22,447	41,901	-24,701	3,681	--	--
Adjustments ¹	-888	5,202	9,498	-2,262	4,449	15,998	516
Disposition							
Stock Change ²	-1,317	5,781	-17,481	1,143	-700	-12,574	-406
Commercial	-1,317	5,781	-20,254	1,143	-700	-15,347	-495
SPR	--	--	2,773	--	--	2,773	89
Refinery Inputs	24,036	122,474	280,359	17,848	66,840	511,557	16,502
Exports	1	3,899	139,372	1	--	143,273	4,622
Ending Stocks							
Total	7,201	116,557	582,167	25,827	49,423	781,175	--
Commercial	7,201	116,557	227,483	25,827	49,423	426,491	--
Refinery	5,801	13,030	44,653	2,535	20,512	86,531	--
Tank Farms and Pipelines	1,400	103,527	182,830	23,292	23,164	334,213	--
Cushing, Oklahoma	--	34,454	--	--	--	34,454	--
Lease	--	--	--	--	--	--	--
Alaskan Crude Oil In-Transit by Water	--	--	--	--	5,747	5,747	--
SPR	--	--	354,684	--	--	354,684	--
SPR Stocks							
Percent of Total Crude Oil Stocks (Percent)	--	--	--	--	--	45.4	--
Percent of Total Petroleum Stocks (Percent)	--	--	--	--	--	22.1	--
Days of Total Petroleum Net Imports (Days)	--	--	--	--	--	--	--
SPR Receipts Detail							
Receipts	--	--	2,772	--	--	2,772	89
Domestic	--	--	2,772	--	--	2,772	89
Imports	--	--	--	--	--	--	--
Imported by SPR	--	--	--	--	--	--	--
Imported for SPR by Others	--	--	--	--	--	--	--
Imports							
PAD District of Entry	17,878	90,172	44,940	13,766	32,319	199,075	6,422
PAD District of Processing	18,400	86,438	53,284	8,634	32,319	199,075	6,422

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil adjustment was previously referred to as Unaccounted-for Crude Oil.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

Notes: Totals may not equal the sum of components due to independent rounding. Values of Domestic Crude Oil Field Production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," and EIA-817, "Monthly Tanker and Barge Movements Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 14. Production of Crude Oil by PAD District and State, January 2023
(Thousand Barrels)

PAD District and State	January 2023	
	Total	Daily Average
PAD District 1	2,030	65
Florida	93	3
New York	21	1
Pennsylvania	392	13
Virginia	0	0
West Virginia	1,523	49
PAD District 2	52,033	1,678
Illinois	596	19
Indiana	129	4
Kansas	2,311	75
Kentucky	100	3
Michigan	414	13
Missouri	5	0
Nebraska	139	4
North Dakota	32,640	1,053
Ohio	2,433	78
Oklahoma	13,169	425
South Dakota	81	3
Tennessee	15	0
PAD District 3	285,981	9,225
Alabama	322	10
Arkansas	379	12
Louisiana	3,118	101
Mississippi	1,057	34
New Mexico	56,968	1,838
Texas	164,788	5,316
Federal Offshore PAD District 3	59,348	1,914
PAD District 4	26,736	862
Colorado	13,290	429
Idaho	3	0
Montana	1,925	62
Utah	3,920	126
Wyoming	7,599	245
PAD District 5	24,148	779
Alaska	13,901	448
South Alaska	269	9
North Slope	13,632	440
Arizona	1	0
California	10,058	324
Nevada	19	1
Federal Offshore PAD District 5	171	6
U.S. Total	390,928	12,611

— = No Data Reported.

Note: Year-to-date totals include revised monthly production estimates by state published in Petroleum Navigator. Crude oil production quantities are estimated by state and summed to the PADD and the U.S. level. State production estimates reported by EIA are normally different from data reported by state agencies. For example, production estimates for Texas reported on table 26 are different from production reported by the Railroad Commission of Texas. See EIA "Today In Energy" article released on July 10, 2015 (<http://www.eia.gov/todayinenergy/detail.cfm?id=22012>) for an explanation of differences in production data for Texas. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," state government agencies, U.S. Department of the Interior, and the Bureau of Ocean Energy Management.

Table 14. Production of Crude Oil by PAD District and State, February 2023
(Thousand Barrels)

PAD District and State	February 2023	
	Total	Daily Average
PAD District 1	1,935	69
Florida	35	1
New York	19	1
Pennsylvania	369	13
Virginia	0	0
West Virginia	1,511	54
PAD District 2	49,775	1,778
Illinois	556	20
Indiana	122	4
Kansas	2,169	77
Kentucky	112	4
Michigan	358	13
Missouri	5	0
Nebraska	126	5
North Dakota	32,119	1,147
Ohio	2,198	78
Oklahoma	11,927	426
South Dakota	69	2
Tennessee	13	0
PAD District 3	254,975	9,106
Alabama	283	10
Arkansas	344	12
Louisiana	2,773	99
Mississippi	972	35
New Mexico	50,546	1,805
Texas	148,157	5,291
Federal Offshore PAD District 3	51,900	1,854
PAD District 4	23,913	854
Colorado	11,760	420
Idaho	3	0
Montana	1,781	64
Utah	3,630	130
Wyoming	6,739	241
PAD District 5	21,937	783
Alaska	12,494	446
South Alaska	253	9
North Slope	12,241	437
Arizona	1	0
California	9,274	331
Nevada	16	1
Federal Offshore PAD District 5	151	5
U.S. Total	352,534	12,591

— = No Data Reported.

Note: Year-to-date totals include revised monthly production estimates by state published in Petroleum Navigator. Crude oil production quantities are estimated by state and summed to the PADD and the U.S. level. State production estimates reported by EIA are normally different from data reported by state agencies. For example, production estimates for Texas reported on table 26 are different from production reported by the Railroad Commission of Texas. See EIA "Today In Energy" article released on July 10, 2015 (<http://www.eia.gov/todayinenergy/detail.cfm?id=22012>) for an explanation of differences in production data for Texas. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," state government agencies, U.S. Department of the Interior, and the Bureau of Ocean Energy Management.

Table 14. Production of Crude Oil by PAD District and State, March 2023
(Thousand Barrels)

PAD District and State	March 2023	
	Total	Daily Average
PAD District 1	2,074	67
Florida	48	2
New York	21	1
Pennsylvania	393	13
Virginia	0	0
West Virginia	1,611	52
PAD District 2	54,530	1,759
Illinois	582	19
Indiana	131	4
Kansas	2,459	79
Kentucky	174	6
Michigan	395	13
Missouri	5	0
Nebraska	142	5
North Dakota	34,476	1,112
Ohio	2,433	78
Oklahoma	13,637	440
South Dakota	82	3
Tennessee	15	0
PAD District 3	289,055	9,324
Alabama	301	10
Arkansas	376	12
Louisiana	3,008	97
Mississippi	1,050	34
New Mexico	57,060	1,841
Texas	169,076	5,454
Federal Offshore PAD District 3	58,184	1,877
PAD District 4	27,734	895
Colorado	13,540	437
Idaho	3	0
Montana	2,003	65
Utah	4,205	136
Wyoming	7,984	258
PAD District 5	23,887	771
Alaska	13,492	435
South Alaska	269	9
North Slope	13,223	427
Arizona	1	0
California	10,216	330
Nevada	18	1
Federal Offshore PAD District 5	162	5
U.S. Total	397,280	12,815

— = No Data Reported.

Note: Year-to-date totals include revised monthly production estimates by state published in Petroleum Navigator. Crude oil production quantities are estimated by state and summed to the PADD and the U.S. level. State production estimates reported by EIA are normally different from data reported by state agencies. For example, production estimates for Texas reported on table 26 are different from production reported by the Railroad Commission of Texas. See EIA "Today In Energy" article released on July 10, 2015 (<http://www.eia.gov/todayinenergy/detail.cfm?id=22012>) for an explanation of differences in production data for Texas. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," state government agencies, U.S. Department of the Interior, and the Bureau of Ocean Energy Management.

Table 14. Production of Crude Oil by PAD District and State, April 2023
(Thousand Barrels)

PAD District and State	April 2023	
	Total	Daily Average
PAD District 1	1,998	67
Florida	97	3
New York	21	1
Pennsylvania	427	14
Virginia	0	0
West Virginia	1,452	48
PAD District 2	52,972	1,766
Illinois	542	18
Indiana	120	4
Kansas	2,330	78
Kentucky	179	6
Michigan	395	13
Missouri	5	0
Nebraska	137	5
North Dakota	33,671	1,122
Ohio	2,455	82
Oklahoma	13,047	435
South Dakota	77	3
Tennessee	14	0
PAD District 3	274,830	9,161
Alabama	293	10
Arkansas	382	13
Louisiana	2,847	95
Mississippi	1,036	35
New Mexico	55,541	1,851
Texas	162,246	5,408
Federal Offshore PAD District 3	52,486	1,750
PAD District 4	27,263	909
Colorado	13,492	450
Idaho	3	0
Montana	1,860	62
Utah	4,354	145
Wyoming	7,554	252
PAD District 5	23,347	778
Alaska	13,034	434
South Alaska	254	8
North Slope	12,780	426
Arizona	0	0
California	10,105	337
Nevada	18	1
Federal Offshore PAD District 5	189	6
U.S. Total	380,410	12,680

– = No Data Reported.

Note: Year-to-date totals include revised monthly production estimates by state published in Petroleum Navigator. Crude oil production quantities are estimated by state and summed to the PADD and the U.S. level. State production estimates reported by EIA are normally different from data reported by state agencies. For example, production estimates for Texas reported on table 26 are different from production reported by the Railroad Commission of Texas. See EIA "Today In Energy" article released on July 10, 2015 (<http://www.eia.gov/todayinenergy/detail.cfm?id=22012>) for an explanation of differences in production data for Texas. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," state government agencies, U.S. Department of the Interior, and the Bureau of Ocean Energy Management.

Table 14. Production of Crude Oil by PAD District and State, May 2023
(Thousand Barrels)

PAD District and State	May 2023	
	Total	Daily Average
PAD District 1	2,078	67
Florida	81	3
New York	21	1
Pennsylvania	422	14
Virginia	1	0
West Virginia	1,553	50
PAD District 2	55,375	1,786
Illinois	593	19
Indiana	134	4
Kansas	2,431	78
Kentucky	70	2
Michigan	443	14
Missouri	5	0
Nebraska	140	5
North Dakota	34,930	1,127
Ohio	2,537	82
Oklahoma	13,997	452
South Dakota	79	3
Tennessee	15	0
PAD District 3	284,260	9,170
Alabama	289	9
Arkansas	379	12
Louisiana	2,919	94
Mississippi	1,072	35
New Mexico	55,767	1,799
Texas	170,489	5,500
Federal Offshore PAD District 3	53,344	1,721
PAD District 4	28,858	931
Colorado	14,164	457
Idaho	2	0
Montana	1,900	61
Utah	4,715	152
Wyoming	8,076	261
PAD District 5	24,047	776
Alaska	13,335	430
South Alaska	266	9
North Slope	13,069	422
Arizona	1	0
California	10,421	336
Nevada	17	1
Federal Offshore PAD District 5	274	9
U.S. Total	394,619	12,730

– = No Data Reported.

Note: Year-to-date totals include revised monthly production estimates by state published in Petroleum Navigator. Crude oil production quantities are estimated by state and summed to the PADD and the U.S. level. State production estimates reported by EIA are normally different from data reported by state agencies. For example, production estimates for Texas reported on table 26 are different from production reported by the Railroad Commission of Texas. See EIA "Today In Energy" article released on July 10, 2015 (<http://www.eia.gov/todayinenergy/detail.cfm?id=22012>) for an explanation of differences in production data for Texas. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," state government agencies, U.S. Department of the Interior, and the Bureau of Ocean Energy Management.

Table 14. Production of Crude Oil by PAD District and State, June 2023
(Thousand Barrels)

PAD District and State	June 2023	
	Total	Daily Average
PAD District 1	2,072	69
Florida	91	3
New York	21	1
Pennsylvania	392	13
Virginia	0	0
West Virginia	1,568	52
PAD District 2	54,265	1,809
Illinois	569	19
Indiana	135	4
Kansas	2,329	78
Kentucky	308	10
Michigan	402	13
Missouri	5	0
Nebraska	136	5
North Dakota	34,808	1,160
Ohio	2,455	82
Oklahoma	13,035	435
South Dakota	68	2
Tennessee	14	0
PAD District 3	278,003	9,267
Alabama	286	10
Arkansas	359	12
Louisiana	2,805	93
Mississippi	1,024	34
New Mexico	52,063	1,735
Texas	166,127	5,538
Federal Offshore PAD District 3	55,339	1,845
PAD District 4	28,392	946
Colorado	13,925	464
Idaho	1	0
Montana	1,791	60
Utah	4,699	157
Wyoming	7,976	266
PAD District 5	23,235	775
Alaska	12,696	423
South Alaska	248	8
North Slope	12,448	415
Arizona	0	0
California	10,253	342
Nevada	18	1
Federal Offshore PAD District 5	269	9
U.S. Total	385,967	12,866

— = No Data Reported.

Note: Year-to-date totals include revised monthly production estimates by state published in Petroleum Navigator. Crude oil production quantities are estimated by state and summed to the PADD and the U.S. level. State production estimates reported by EIA are normally different from data reported by state agencies. For example, production estimates for Texas reported on table 26 are different from production reported by the Railroad Commission of Texas. See EIA "Today In Energy" article released on July 10, 2015 (<http://www.eia.gov/todayinenergy/detail.cfm?id=22012>) for an explanation of differences in production data for Texas. Totals may not equal sum of components due to independent rounding.
Sources: Energy Information Administration Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," state government agencies, U.S. Department of the Interior, and the Bureau of Ocean Energy Management.

Table 14. Production of Crude Oil by PAD District and State, July 2023
(Thousand Barrels)

PAD District and State	July 2023	
	Total	Daily Average
PAD District 1	2,177	70
Florida	100	3
New York	21	1
Pennsylvania	389	13
Virginia	0	0
West Virginia	1,666	54
PAD District 2	55,989	1,806
Illinois	548	18
Indiana	126	4
Kansas	2,280	74
Kentucky	53	2
Michigan	412	13
Missouri	6	0
Nebraska	142	5
North Dakota	36,350	1,173
Ohio	2,376	77
Oklahoma	13,608	439
South Dakota	72	2
Tennessee	15	0
PAD District 3	290,817	9,381
Alabama	305	10
Arkansas	367	12
Louisiana	2,843	92
Mississippi	1,052	34
New Mexico	54,185	1,748
Texas	172,375	5,560
Federal Offshore PAD District 3	59,690	1,925
PAD District 4	28,955	934
Colorado	14,156	457
Idaho	3	0
Montana	1,767	57
Utah	4,849	156
Wyoming	8,180	264
PAD District 5	23,056	744
Alaska	12,314	397
South Alaska	254	8
North Slope	12,060	389
Arizona	1	0
California	10,435	337
Nevada	16	1
Federal Offshore PAD District 5	291	9
U.S. Total	400,994	12,935

— = No Data Reported.

Note: Year-to-date totals include revised monthly production estimates by state published in Petroleum Navigator. Crude oil production quantities are estimated by state and summed to the PADD and the U.S. level. State production estimates reported by EIA are normally different from data reported by state agencies. For example, production estimates for Texas reported on table 26 are different from production reported by the Railroad Commission of Texas. See EIA "Today In Energy" article released on July 10, 2015 (<http://www.eia.gov/todayinenergy/detail.cfm?id=22012>) for an explanation of differences in production data for Texas. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," state government agencies, U.S. Department of the Interior, and the Bureau of Ocean Energy Management.

Table 14. Production of Crude Oil by PAD District and State, August 2023
(Thousand Barrels)

PAD District and State	August 2023	
	Total	Daily Average
PAD District 1	2,213	71
Florida	96	3
New York	21	1
Pennsylvania	391	13
Virginia	0	0
West Virginia	1,703	55
PAD District 2	57,190	1,845
Illinois	592	19
Indiana	131	4
Kansas	2,386	77
Kentucky	226	7
Michigan	421	14
Missouri	6	0
Nebraska	142	5
North Dakota	37,407	1,207
Ohio	2,376	77
Oklahoma	13,409	433
South Dakota	79	3
Tennessee	15	0
PAD District 3	292,284	9,429
Alabama	316	10
Arkansas	387	12
Louisiana	2,909	94
Mississippi	1,051	34
New Mexico	55,772	1,799
Texas	173,683	5,603
Federal Offshore PAD District 3	58,165	1,876
PAD District 4	29,852	963
Colorado	14,434	466
Idaho	4	0
Montana	1,934	62
Utah	5,048	163
Wyoming	8,431	272
PAD District 5	22,930	740
Alaska	12,274	396
South Alaska	243	8
North Slope	12,031	388
Arizona	1	0
California	10,346	334
Nevada	16	1
Federal Offshore PAD District 5	294	9
U.S. Total	404,469	13,047

— = No Data Reported.

Note: Year-to-date totals include revised monthly production estimates by state published in Petroleum Navigator. Crude oil production quantities are estimated by state and summed to the PADD and the U.S. level. State production estimates reported by EIA are normally different from data reported by state agencies. For example, production estimates for Texas reported on table 26 are different from production reported by the Railroad Commission of Texas. See EIA "Today In Energy" article released on July 10, 2015 (<http://www.eia.gov/todayinenergy/detail.cfm?id=22012>) for an explanation of differences in production data for Texas. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," state government agencies, U.S. Department of the Interior, and the Bureau of Ocean Energy Management.

Table 14. Production of Crude Oil by PAD District and State, September 2023
(Thousand Barrels)

PAD District and State	September 2023	
	Total	Daily Average
PAD District 1	2,013	67
Florida	94	3
New York	21	1
Pennsylvania	370	12
Virginia	0	0
West Virginia	1,528	51
PAD District 2	57,305	1,910
Illinois	563	19
Indiana	126	4
Kansas	2,238	75
Kentucky	204	7
Michigan	403	13
Missouri	5	0
Nebraska	135	4
North Dakota	38,600	1,287
Ohio	2,300	77
Oklahoma	12,643	421
South Dakota	75	3
Tennessee	14	0
PAD District 3	285,125	9,504
Alabama	295	10
Arkansas	371	12
Louisiana	2,754	92
Mississippi	1,044	35
New Mexico	54,342	1,811
Texas	167,101	5,570
Federal Offshore PAD District 3	59,218	1,974
PAD District 4	28,868	962
Colorado	13,775	459
Idaho	1	0
Montana	1,884	63
Utah	5,110	170
Wyoming	8,098	270
PAD District 5	21,989	733
Alaska	12,462	415
South Alaska	240	8
North Slope	12,222	407
Arizona	0	0
California	9,221	307
Nevada	16	1
Federal Offshore PAD District 5	289	10
U.S. Total	395,300	13,177

— = No Data Reported.

Note: Year-to-date totals include revised monthly production estimates by state published in Petroleum Navigator. Crude oil production quantities are estimated by state and summed to the PADD and the U.S. level. State production estimates reported by EIA are normally different from data reported by state agencies. For example, production estimates for Texas reported on table 26 are different from production reported by the Railroad Commission of Texas. See EIA "Today In Energy" article released on July 10, 2015 (<http://www.eia.gov/todayinenergy/detail.cfm?id=22012>) for an explanation of differences in production data for Texas. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," state government agencies, U.S. Department of the Interior, and the Bureau of Ocean Energy Management.

Table 14. Production of Crude Oil by PAD District and State, October 2023
(Thousand Barrels)

PAD District and State	October 2023	
	Total	Daily Average
PAD District 1	2,169	70
Florida	97	3
New York	21	1
Pennsylvania	409	13
Virginia	0	0
West Virginia	1,642	53
PAD District 2	58,319	1,881
Illinois	601	19
Indiana	124	4
Kansas	2,295	74
Kentucky	99	3
Michigan	407	13
Missouri	5	0
Nebraska	146	5
North Dakota	38,846	1,253
Ohio	2,808	91
Oklahoma	12,899	416
South Dakota	76	2
Tennessee	15	0
PAD District 3	293,691	9,474
Alabama	312	10
Arkansas	370	12
Louisiana	2,838	92
Mississippi	1,082	35
New Mexico	55,934	1,804
Texas	173,167	5,586
Federal Offshore PAD District 3	59,988	1,935
PAD District 4	30,443	982
Colorado	14,633	472
Idaho	2	0
Montana	1,944	63
Utah	5,328	172
Wyoming	8,537	275
PAD District 5	22,993	742
Alaska	13,205	426
South Alaska	275	9
North Slope	12,930	417
Arizona	1	0
California	9,473	306
Nevada	17	1
Federal Offshore PAD District 5	296	10
U.S. Total	407,615	13,149

— = No Data Reported.

Note: Year-to-date totals include revised monthly production estimates by state published in Petroleum Navigator. Crude oil production quantities are estimated by state and summed to the PADD and the U.S. level. State production estimates reported by EIA are normally different from data reported by state agencies. For example, production estimates for Texas reported on table 26 are different from production reported by the Railroad Commission of Texas. See EIA "Today In Energy" article released on July 10, 2015 (<http://www.eia.gov/todayinenergy/detail.cfm?id=22012>) for an explanation of differences in production data for Texas. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," state government agencies, U.S. Department of the Interior, and the Bureau of Ocean Energy Management.

Table 14. Production of Crude Oil by PAD District and State, November 2023
(Thousand Barrels)

PAD District and State	November 2023	
	Total	Daily Average
PAD District 1	2,033	68
Florida	95	3
New York	21	1
Pennsylvania	452	15
Virginia	0	0
West Virginia	1,466	49
PAD District 2	57,253	1,908
Illinois	569	19
Indiana	124	4
Kansas	2,227	74
Kentucky	123	4
Michigan	383	13
Missouri	5	0
Nebraska	138	5
North Dakota	38,347	1,278
Ohio	2,717	91
Oklahoma	12,534	418
South Dakota	73	2
Tennessee	14	0
PAD District 3	286,615	9,554
Alabama	290	10
Arkansas	364	12
Louisiana	2,670	89
Mississippi	1,051	35
New Mexico	56,826	1,894
Texas	169,738	5,658
Federal Offshore PAD District 3	55,677	1,856
PAD District 4	30,223	1,007
Colorado	14,479	483
Idaho	3	0
Montana	1,893	63
Utah	5,215	174
Wyoming	8,633	288
PAD District 5	22,309	744
Alaska	12,836	428
South Alaska	273	9
North Slope	12,563	419
Arizona	1	0
California	9,144	305
Nevada	17	1
Federal Offshore PAD District 5	310	10
U.S. Total	398,433	13,281

— = No Data Reported.

Note: Year-to-date totals include revised monthly production estimates by state published in Petroleum Navigator. Crude oil production quantities are estimated by state and summed to the PADD and the U.S. level. State production estimates reported by EIA are normally different from data reported by state agencies. For example, production estimates for Texas reported on table 26 are different from production reported by the Railroad Commission of Texas. See EIA "Today In Energy" article released on July 10, 2015 (<http://www.eia.gov/todayinenergy/detail.cfm?id=22012>) for an explanation of differences in production data for Texas. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," state government agencies, U.S. Department of the Interior, and the Bureau of Ocean Energy Management.

Table 14. Production of Crude Oil by PAD District and State, December 2023
(Thousand Barrels)

PAD District and State	December 2023	
	Total	Daily Average
PAD District 1	1,867	60
Florida	94	3
New York	21	1
Pennsylvania	409	13
Virginia	0	0
West Virginia	1,342	43
PAD District 2	58,975	1,902
Illinois	583	19
Indiana	129	4
Kansas	2,215	71
Kentucky	227	7
Michigan	401	13
Missouri	5	0
Nebraska	123	4
North Dakota	39,521	1,275
Ohio	2,808	91
Oklahoma	12,873	415
South Dakota	77	2
Tennessee	15	0
PAD District 3	297,027	9,582
Alabama	298	10
Arkansas	373	12
Louisiana	2,734	88
Mississippi	1,083	35
New Mexico	60,546	1,953
Texas	174,567	5,631
Federal Offshore PAD District 3	57,425	1,852
PAD District 4	31,534	1,017
Colorado	15,143	488
Idaho	4	0
Montana	1,962	63
Utah	5,370	173
Wyoming	9,056	292
PAD District 5	23,143	747
Alaska	13,423	433
South Alaska	280	9
North Slope	13,143	424
Arizona	1	0
California	9,380	303
Nevada	17	1
Federal Offshore PAD District 5	323	10
U.S. Total	412,547	13,308

— = No Data Reported.

Note: Year-to-date totals include revised monthly production estimates by state published in Petroleum Navigator. Crude oil production quantities are estimated by state and summed to the PADD and the U.S. level. State production estimates reported by EIA are normally different from data reported by state agencies. For example, production estimates for Texas reported on table 26 are different from production reported by the Railroad Commission of Texas. See EIA "Today In Energy" article released on July 10, 2015 (<http://www.eia.gov/todayinenergy/detail.cfm?id=22012>) for an explanation of differences in production data for Texas. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," state government agencies, U.S. Department of the Interior, and the Bureau of Ocean Energy Management.

Table 15. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, January 2023
(Thousand Barrels)

Commodity	Production						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	9	21,029	21,038	5,583	11,073	15,441	32,097
Natural Gas Liquids	9	21,029	21,038	5,583	11,073	15,441	32,097
Ethane	-	9,043	9,043	2,068	2,747	5,517	10,332
Propane	3	6,928	6,931	2,246	4,331	5,323	11,900
Normal Butane	6	2,053	2,059	577	1,803	1,619	3,999
Isobutane	-	971	971	356	565	1,046	1,967
Natural Gasoline	-	2,034	2,034	336	1,627	1,936	3,899

Commodity	Production								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	93,464	4,664	5,510	419	13,350	117,407	14,522	2,206	187,270
Natural Gas Liquids	93,464	4,664	5,510	419	13,350	117,407	14,522	2,206	187,270
Ethane	41,940	2,487	2,104	69	5,864	52,464	4,051	1	75,891
Propane	27,900	1,182	1,893	125	3,993	35,093	5,139	241	59,304
Normal Butane	10,077	-3,215	642	58	1,436	8,998	2,087	586	17,729
Isobutane	4,249	3,884	342	45	675	9,195	921	258	13,312
Natural Gasoline	9,298	326	529	122	1,382	11,657	2,324	1,120	21,034

Commodity	Stocks						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	3	289	292	886	140	241	1,267
Natural Gas Liquids	3	289	292	886	140	241	1,267
Ethane	-	-	-	33	2	50	85
Propane	1	150	151	454	61	69	584
Normal Butane	2	61	63	166	32	31	229
Isobutane	-	19	19	102	6	21	129
Natural Gasoline	-	59	59	131	39	70	240

Commodity	Stocks								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	253	297	733	7	1	1,291	152	235	3,237
Natural Gas Liquids	253	297	733	7	1	1,291	152	235	3,237
Ethane	30	19	-	-	-	49	4	-	138
Propane	67	43	80	3	-	193	58	61	1,047
Normal Butane	19	29	74	3	-	125	32	113	562
Isobutane	99	12	442	-	-	553	14	47	762
Natural Gasoline	38	194	137	1	1	371	44	14	728

- = No Data Reported.
Note: Refer to Appendix A for Refining District descriptions.
Sources: Energy Information Administration (EIA) Form EIA-816, "Monthly Natural Gas Liquids Report."

Table 15. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, February 2023
(Thousand Barrels)

Commodity	Production						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	8	19,273	19,281	5,574	11,015	14,783	31,372
Natural Gas Liquids	8	19,273	19,281	5,574	11,015	14,783	31,372
Ethane	-	8,541	8,541	2,266	2,875	5,950	11,091
Propane	3	6,205	6,208	2,141	4,214	4,773	11,128
Normal Butane	5	1,852	1,857	527	1,781	1,419	3,727
Isobutane	-	844	844	337	559	953	1,849
Natural Gasoline	-	1,831	1,831	303	1,586	1,688	3,577

Commodity	Production								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	83,394	4,274	5,021	375	11,901	104,965	13,730	1,943	171,291
Natural Gas Liquids	83,394	4,274	5,021	375	11,901	104,965	13,730	1,943	171,291
Ethane	37,717	2,196	2,067	65	5,442	47,487	4,026	1	71,146
Propane	24,811	1,159	1,637	114	3,450	31,171	4,892	212	53,611
Normal Butane	8,948	-2,591	564	51	1,219	8,191	1,892	561	16,228
Isobutane	3,780	3,219	292	40	570	7,901	853	182	11,629
Natural Gasoline	8,138	291	461	105	1,220	10,215	2,067	987	18,677

Commodity	Stocks						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	3	280	283	902	133	376	1,411
Natural Gas Liquids	3	280	283	902	133	376	1,411
Ethane	-	-	-	33	2	100	135
Propane	1	133	134	461	53	129	643
Normal Butane	2	63	65	217	31	56	304
Isobutane	-	12	12	68	6	26	100
Natural Gasoline	-	72	72	123	41	65	229

Commodity	Stocks								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	258	358	370	9	1	996	178	202	3,070
Natural Gas Liquids	258	358	370	9	1	996	178	202	3,070
Ethane	59	20	-	-	-	79	7	-	221
Propane	66	43	13	3	-	125	77	52	1,031
Normal Butane	8	33	155	4	-	200	34	103	706
Isobutane	92	12	101	-	-	205	17	30	364
Natural Gasoline	33	250	101	2	1	387	43	17	748

- = No Data Reported.
Note: Refer to Appendix A for Refining District descriptions.
Sources: Energy Information Administration (EIA) Form EIA-816, "Monthly Natural Gas Liquids Report."

Table 15. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, March 2023
(Thousand Barrels)

Commodity	Production						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	1	21,132	21,133	6,142	12,472	17,242	35,856
Natural Gas Liquids	1	21,132	21,133	6,142	12,472	17,242	35,856
Ethane	-	9,232	9,232	2,606	3,391	7,565	13,562
Propane	-	6,897	6,897	2,285	4,711	5,221	12,217
Normal Butane	1	2,061	2,062	613	1,978	1,763	4,354
Isobutane	-	922	922	308	618	847	1,773
Natural Gasoline	-	2,020	2,020	330	1,774	1,846	3,950

Commodity	Production								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	97,526	4,910	5,564	360	13,159	121,519	16,251	2,135	196,894
Natural Gas Liquids	97,526	4,910	5,564	360	13,159	121,519	16,251	2,135	196,894
Ethane	44,505	2,417	2,307	72	5,958	55,259	4,994	1	83,048
Propane	28,721	1,346	1,806	110	3,842	35,825	5,664	228	60,831
Normal Butane	10,367	-3,216	618	53	1,362	9,184	2,215	616	18,431
Isobutane	4,348	3,982	319	36	631	9,316	983	201	13,195
Natural Gasoline	9,585	381	514	89	1,366	11,935	2,395	1,089	21,389

Commodity	Stocks						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	4	279	283	996	150	630	1,776
Natural Gas Liquids	4	279	283	996	150	630	1,776
Ethane	-	-	-	33	2	176	211
Propane	1	147	148	605	56	232	893
Normal Butane	3	51	54	165	43	97	305
Isobutane	-	21	21	72	9	42	123
Natural Gasoline	-	60	60	121	40	83	244

Commodity	Stocks								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	230	330	624	6	1	1,191	167	173	3,590
Natural Gas Liquids	230	330	624	6	1	1,191	167	173	3,590
Ethane	40	19	-	-	-	59	4	-	274
Propane	61	44	14	2	-	121	71	15	1,248
Normal Butane	20	33	180	3	-	236	34	123	752
Isobutane	71	13	98	-	-	182	16	16	358
Natural Gasoline	38	221	332	1	1	593	42	19	958

- = No Data Reported.
Note: Refer to Appendix A for Refining District descriptions.
Sources: Energy Information Administration (EIA) Form EIA-816, "Monthly Natural Gas Liquids Report."

Table 15. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, April 2023
(Thousand Barrels)

Commodity	Production						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	8	19,136	19,144	5,511	13,242	17,328	36,081
Natural Gas Liquids	8	19,136	19,144	5,511	13,242	17,328	36,081
Ethane	-	7,470	7,470	2,146	4,123	7,622	13,891
Propane	3	6,711	6,714	2,144	4,728	5,212	12,084
Normal Butane	5	2,019	2,024	612	1,991	1,822	4,425
Isobutane	-	931	931	286	622	791	1,699
Natural Gasoline	-	2,005	2,005	323	1,778	1,881	3,982

Commodity	Production								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	96,644	5,084	5,030	347	13,047	120,152	16,001	1,985	193,363
Natural Gas Liquids	96,644	5,084	5,030	347	13,047	120,152	16,001	1,985	193,363
Ethane	44,082	2,629	2,088	68	5,896	54,763	4,835	1	80,960
Propane	28,241	1,308	1,619	106	3,769	35,043	5,587	210	59,638
Normal Butane	10,281	-3,229	554	49	1,352	9,007	2,184	549	18,189
Isobutane	4,280	3,991	292	36	624	9,223	982	213	13,048
Natural Gasoline	9,760	385	477	88	1,406	12,116	2,413	1,012	21,528

Commodity	Stocks						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	6	297	303	1,014	149	711	1,874
Natural Gas Liquids	6	297	303	1,014	149	711	1,874
Ethane	-	-	-	33	2	191	226
Propane	3	161	164	540	57	258	855
Normal Butane	3	50	53	160	39	116	315
Isobutane	-	15	15	109	9	51	169
Natural Gasoline	-	71	71	172	42	95	309

Commodity	Stocks								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	213	373	982	5	1	1,574	179	274	4,204
Natural Gas Liquids	213	373	982	5	1	1,574	179	274	4,204
Ethane	26	20	-	-	-	46	5	-	277
Propane	66	42	38	2	-	148	81	80	1,328
Normal Butane	10	30	532	2	-	574	37	115	1,094
Isobutane	68	14	167	-	-	249	17	42	492
Natural Gasoline	43	267	245	1	1	557	39	37	1,013

- = No Data Reported.
Note: Refer to Appendix A for Refining District descriptions.
Sources: Energy Information Administration (EIA) Form EIA-816, "Monthly Natural Gas Liquids Report."

Table 15. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, May 2023
(Thousand Barrels)

Commodity	Production						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	5	21,113	21,118	5,181	14,201	18,011	37,393
Natural Gas Liquids	5	21,113	21,118	5,181	14,201	18,011	37,393
Ethane	-	8,647	8,647	1,849	4,483	7,768	14,100
Propane	2	7,169	7,171	2,050	4,974	5,466	12,490
Normal Butane	3	2,182	2,185	577	2,133	1,918	4,628
Isobutane	-	953	953	340	658	829	1,827
Natural Gasoline	-	2,162	2,162	365	1,953	2,030	4,348

Commodity	Production								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	97,986	5,338	4,796	368	12,865	121,353	17,388	2,042	199,294
Natural Gas Liquids	97,986	5,338	4,796	368	12,865	121,353	17,388	2,042	199,294
Ethane	43,524	2,767	1,832	67	5,692	53,882	5,506	1	82,136
Propane	28,860	1,378	1,633	109	3,763	35,743	5,900	240	61,544
Normal Butane	10,631	-3,279	557	47	1,355	9,311	2,312	566	19,002
Isobutane	4,415	4,061	304	39	628	9,447	1,054	207	13,488
Natural Gasoline	10,556	411	470	106	1,427	12,970	2,616	1,028	23,124

Commodity	Stocks						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	5	273	278	1,169	152	699	2,020
Natural Gas Liquids	5	273	278	1,169	152	699	2,020
Ethane	-	-	-	33	3	176	212
Propane	3	135	138	580	61	255	896
Normal Butane	2	49	51	218	41	121	380
Isobutane	-	14	14	131	10	51	192
Natural Gasoline	-	75	75	207	37	96	340

Commodity	Stocks								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	157	289	1,014	5	1	1,466	194	347	4,305
Natural Gas Liquids	157	289	1,014	5	1	1,466	194	347	4,305
Ethane	2	20	-	-	-	22	7	-	241
Propane	49	45	21	2	-	117	87	140	1,378
Normal Butane	16	31	686	2	-	735	38	120	1,324
Isobutane	52	14	221	-	-	287	18	55	566
Natural Gasoline	38	179	86	1	1	305	44	32	796

- = No Data Reported.
Note: Refer to Appendix A for Refining District descriptions.
Sources: Energy Information Administration (EIA) Form EIA-816, "Monthly Natural Gas Liquids Report."

Table 15. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, June 2023
(Thousand Barrels)

Commodity	Production						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	8	22,066	22,074	5,963	12,452	16,080	34,495
Natural Gas Liquids	8	22,066	22,074	5,963	12,452	16,080	34,495
Ethane	-	9,776	9,776	2,388	3,316	6,280	11,984
Propane	3	7,023	7,026	2,251	4,644	5,130	12,025
Normal Butane	5	2,175	2,180	649	2,002	1,895	4,546
Isobutane	-	919	919	301	610	730	1,641
Natural Gasoline	-	2,173	2,173	374	1,880	2,045	4,299

Commodity	Production								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	94,680	5,307	4,946	333	12,136	117,402	16,459	1,819	192,249
Natural Gas Liquids	94,680	5,307	4,946	333	12,136	117,402	16,459	1,819	192,249
Ethane	40,866	2,696	1,970	60	5,238	50,830	4,863	1	77,454
Propane	28,188	1,373	1,643	103	3,564	34,871	5,763	225	59,910
Normal Butane	10,458	-3,095	566	44	1,291	9,264	2,240	514	18,744
Isobutane	4,299	3,889	296	38	597	9,119	1,022	176	12,877
Natural Gasoline	10,869	444	471	88	1,446	13,318	2,571	903	23,264

Commodity	Stocks						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	3	256	259	1,202	137	580	1,919
Natural Gas Liquids	3	256	259	1,202	137	580	1,919
Ethane	-	-	-	33	1	154	188
Propane	1	141	142	673	53	213	939
Normal Butane	2	46	48	218	33	91	342
Isobutane	-	16	16	91	7	41	139
Natural Gasoline	-	53	53	187	43	81	311

Commodity	Stocks								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	169	234	1,309	7	1	1,720	181	357	4,436
Natural Gas Liquids	169	234	1,309	7	1	1,720	181	357	4,436
Ethane	1	21	-	1	-	23	4	-	215
Propane	99	46	54	2	-	201	78	110	1,470
Normal Butane	6	29	882	2	-	919	40	168	1,517
Isobutane	25	14	266	-	-	305	18	49	527
Natural Gasoline	38	124	107	2	1	272	41	30	707

- = No Data Reported.
Note: Refer to Appendix A for Refining District descriptions.
Sources: Energy Information Administration (EIA) Form EIA-816, "Monthly Natural Gas Liquids Report."

Table 15. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, July 2023
(Thousand Barrels)

Commodity	Production						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	8	22,306	22,314	5,584	13,643	17,124	36,351
Natural Gas Liquids	8	22,306	22,314	5,584	13,643	17,124	36,351
Ethane	-	9,659	9,659	1,975	3,275	6,945	12,195
Propane	3	7,215	7,218	2,271	5,234	5,299	12,804
Normal Butane	5	2,218	2,223	675	2,276	1,769	4,720
Isobutane	-	957	957	297	697	937	1,931
Natural Gasoline	-	2,257	2,257	366	2,161	2,174	4,701

Commodity	Production								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	100,748	5,044	5,387	360	12,271	123,810	17,480	1,721	201,676
Natural Gas Liquids	100,748	5,044	5,387	360	12,271	123,810	17,480	1,721	201,676
Ethane	43,349	2,525	2,168	55	5,004	53,101	5,538	-	80,493
Propane	29,902	1,279	1,785	109	3,713	36,788	5,839	235	62,884
Normal Butane	11,127	-3,288	612	51	1,359	9,861	2,309	501	19,614
Isobutane	4,574	4,067	324	38	630	9,633	1,063	146	13,730
Natural Gasoline	11,796	461	498	107	1,565	14,427	2,731	839	24,955

Commodity	Stocks						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	5	248	253	1,152	136	537	1,825
Natural Gas Liquids	5	248	253	1,152	136	537	1,825
Ethane	-	-	-	33	1	143	177
Propane	2	121	123	677	58	190	925
Normal Butane	3	40	43	230	28	86	344
Isobutane	-	23	23	72	4	39	115
Natural Gasoline	-	64	64	140	45	79	264

Commodity	Stocks								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	148	242	2,005	10	1	2,406	183	425	5,092
Natural Gas Liquids	148	242	2,005	10	1	2,406	183	425	5,092
Ethane	9	20	-	1	-	30	5	-	212
Propane	36	44	73	3	-	156	84	109	1,397
Normal Butane	21	35	1,014	3	-	1,073	33	260	1,753
Isobutane	46	18	381	1	-	446	17	24	625
Natural Gasoline	36	125	537	2	1	701	44	32	1,105

- = No Data Reported.
 Note: Refer to Appendix A for Refining District descriptions.
 Sources: Energy Information Administration (EIA) Form EIA-816, "Monthly Natural Gas Liquids Report."

Table 15. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, August 2023
(Thousand Barrels)

Commodity	Production						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	9	22,841	22,850	5,733	13,815	17,140	36,688
Natural Gas Liquids	9	22,841	22,850	5,733	13,815	17,140	36,688
Ethane	-	9,814	9,814	2,040	3,357	7,277	12,674
Propane	3	7,424	7,427	2,352	5,281	5,076	12,709
Normal Butane	6	2,294	2,300	539	2,277	1,687	4,503
Isobutane	-	980	980	458	700	892	2,050
Natural Gasoline	-	2,329	2,329	344	2,200	2,208	4,752

Commodity	Production								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	102,214	5,140	5,409	395	13,253	126,411	18,061	1,546	205,556
Natural Gas Liquids	102,214	5,140	5,409	395	13,253	126,411	18,061	1,546	205,556
Ethane	43,486	2,535	2,157	52	5,753	53,983	5,448	-	81,919
Propane	30,295	1,318	1,788	111	3,788	37,300	6,065	234	63,735
Normal Butane	11,318	-2,768	619	53	1,381	10,603	2,502	445	20,353
Isobutane	4,661	3,556	328	39	626	9,210	1,136	131	13,507
Natural Gasoline	12,454	499	517	140	1,705	15,315	2,910	736	26,042

Commodity	Stocks						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	5	251	256	1,010	158	557	1,725
Natural Gas Liquids	5	251	256	1,010	158	557	1,725
Ethane	-	-	-	33	2	148	183
Propane	1	143	144	536	65	193	794
Normal Butane	4	32	36	232	38	92	362
Isobutane	-	17	17	69	7	40	116
Natural Gasoline	-	59	59	140	46	84	270

Commodity	Stocks								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	117	231	1,692	11	1	2,052	180	407	4,620
Natural Gas Liquids	117	231	1,692	11	1	2,052	180	407	4,620
Ethane	14	21	-	-	-	35	4	-	222
Propane	16	42	71	3	-	132	73	93	1,236
Normal Butane	13	32	1,117	2	-	1,164	33	261	1,856
Isobutane	41	15	103	-	-	159	17	25	334
Natural Gasoline	33	121	401	6	1	562	53	28	972

- = No Data Reported.
 Note: Refer to Appendix A for Refining District descriptions.
 Sources: Energy Information Administration (EIA) Form EIA-816, "Monthly Natural Gas Liquids Report."

Table 15. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, September 2023
(Thousand Barrels)

Commodity	Production						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	8	21,394	21,402	5,423	13,759	18,477	37,659
Natural Gas Liquids	8	21,394	21,402	5,423	13,759	18,477	37,659
Ethane	-	8,795	8,795	2,070	3,380	8,245	13,695
Propane	3	7,177	7,180	2,123	5,267	5,311	12,701
Normal Butane	5	2,238	2,243	552	2,251	1,777	4,580
Isobutane	-	947	947	313	692	904	1,909
Natural Gasoline	-	2,237	2,237	365	2,169	2,240	4,774

Commodity	Production								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	101,663	4,956	5,581	380	12,807	125,387	17,632	1,783	203,863
Natural Gas Liquids	101,663	4,956	5,581	380	12,807	125,387	17,632	1,783	203,863
Ethane	44,476	2,509	2,263	52	5,541	54,841	5,677	-	83,008
Propane	29,585	1,221	1,827	108	3,688	36,429	5,838	225	62,373
Normal Butane	10,984	-2,991	630	51	1,323	9,997	2,305	513	19,638
Isobutane	4,852	3,732	333	38	632	9,587	1,041	165	13,649
Natural Gasoline	11,766	485	528	131	1,623	14,533	2,771	880	25,195

Commodity	Stocks						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	5	231	236	1,039	153	510	1,702
Natural Gas Liquids	5	231	236	1,039	153	510	1,702
Ethane	-	-	-	33	3	153	189
Propane	2	116	118	616	65	181	862
Normal Butane	3	38	41	140	32	69	241
Isobutane	-	15	15	67	6	30	103
Natural Gasoline	-	62	62	183	47	77	307

Commodity	Stocks								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	192	268	1,875	12	1	2,348	189	426	4,901
Natural Gas Liquids	192	268	1,875	12	1	2,348	189	426	4,901
Ethane	63	21	-	-	-	84	4	-	277
Propane	44	45	36	3	-	128	82	92	1,282
Normal Butane	9	34	1,154	1	-	1,198	34	276	1,790
Isobutane	45	12	237	-	-	294	17	32	461
Natural Gasoline	31	156	448	8	1	644	52	26	1,091

- = No Data Reported.
 Note: Refer to Appendix A for Refining District descriptions.
 Sources: Energy Information Administration (EIA) Form EIA-816, "Monthly Natural Gas Liquids Report."

Table 15. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, October 2023
(Thousand Barrels)

Commodity	Production						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	9	21,006	21,015	5,687	14,017	19,536	39,240
Natural Gas Liquids	9	21,006	21,015	5,687	14,017	19,536	39,240
Ethane	-	7,867	7,867	2,079	3,646	9,215	14,940
Propane	3	7,504	7,507	2,265	5,307	5,441	13,013
Normal Butane	6	2,352	2,358	558	2,255	1,799	4,612
Isobutane	-	971	971	411	691	911	2,013
Natural Gasoline	-	2,312	2,312	374	2,118	2,170	4,662

Commodity	Production								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	106,367	5,237	5,643	398	12,552	130,197	18,510	1,988	210,950
Natural Gas Liquids	106,367	5,237	5,643	398	12,552	130,197	18,510	1,988	210,950
Ethane	47,547	2,664	2,313	54	5,477	58,055	6,024	-	86,886
Propane	31,109	1,315	1,848	111	3,638	38,021	6,134	232	64,907
Normal Butane	11,326	-3,182	634	52	1,300	10,130	2,395	556	20,051
Isobutane	4,834	3,959	332	40	604	9,769	1,104	186	14,043
Natural Gasoline	11,551	481	516	141	1,533	14,222	2,853	1,014	25,063

Commodity	Stocks						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	6	261	267	1,161	130	567	1,858
Natural Gas Liquids	6	261	267	1,161	130	567	1,858
Ethane	-	-	-	33	2	173	208
Propane	3	142	145	620	47	194	861
Normal Butane	3	37	40	256	30	79	365
Isobutane	-	21	21	85	5	35	125
Natural Gasoline	-	61	61	167	46	86	299

Commodity	Stocks								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	232	281	1,769	9	1	2,292	192	434	5,043
Natural Gas Liquids	232	281	1,769	9	1	2,292	192	434	5,043
Ethane	92	20	-	-	-	112	4	-	324
Propane	44	45	29	1	-	119	83	102	1,310
Normal Butane	7	28	871	-	-	906	30	268	1,609
Isobutane	56	14	105	-	-	175	20	37	378
Natural Gasoline	33	174	764	8	1	980	55	27	1,422

- = No Data Reported.
 Note: Refer to Appendix A for Refining District descriptions.
 Sources: Energy Information Administration (EIA) Form EIA-816, "Monthly Natural Gas Liquids Report."

Table 15. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, November 2023
(Thousand Barrels)

Commodity	Production						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	9	21,084	21,093	5,286	14,006	17,347	36,639
Natural Gas Liquids	9	21,084	21,093	5,286	14,006	17,347	36,639
Ethane	-	8,244	8,244	1,634	3,674	7,616	12,924
Propane	3	7,342	7,345	2,275	5,287	5,157	12,719
Normal Butane	6	2,254	2,260	595	2,244	1,603	4,442
Isobutane	-	984	984	388	690	966	2,044
Natural Gasoline	-	2,260	2,260	394	2,111	2,005	4,510

Commodity	Production								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	103,701	5,213	5,346	369	12,163	126,792	17,077	1,884	203,485
Natural Gas Liquids	103,701	5,213	5,346	369	12,163	126,792	17,077	1,884	203,485
Ethane	46,653	2,657	2,205	53	5,210	56,778	4,775	1	82,722
Propane	30,501	1,290	1,748	104	3,662	37,305	6,055	214	63,638
Normal Butane	11,055	-3,238	596	46	1,307	9,766	2,363	539	19,370
Isobutane	4,578	4,014	313	38	604	9,547	1,092	166	13,833
Natural Gasoline	10,914	490	484	128	1,380	13,396	2,792	964	23,922

Commodity	Stocks						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	4	265	269	1,050	152	312	1,514
Natural Gas Liquids	4	265	269	1,050	152	312	1,514
Ethane	-	-	-	33	3	88	124
Propane	1	131	132	570	57	110	737
Normal Butane	3	46	49	207	36	49	292
Isobutane	-	20	20	88	7	20	115
Natural Gasoline	-	68	68	152	49	45	246

Commodity	Stocks								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	247	254	1,156	8	1	1,666	183	473	4,105
Natural Gas Liquids	247	254	1,156	8	1	1,666	183	473	4,105
Ethane	98	8	-	-	-	106	5	-	235
Propane	42	24	73	2	-	141	74	120	1,204
Normal Butane	11	19	154	1	-	185	33	272	831
Isobutane	63	18	242	-	-	323	17	51	526
Natural Gasoline	33	185	687	5	1	911	54	30	1,309

- = No Data Reported.
Note: Refer to Appendix A for Refining District descriptions.
Sources: Energy Information Administration (EIA) Form EIA-816, "Monthly Natural Gas Liquids Report."

Table 15. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, December 2023
(Thousand Barrels)

Commodity	Production						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	9	21,780	21,789	5,781	14,169	15,613	35,563
Natural Gas Liquids	9	21,780	21,789	5,781	14,169	15,613	35,563
Ethane	-	8,731	8,731	1,968	3,368	5,804	11,140
Propane	3	7,494	7,497	2,385	5,568	5,229	13,182
Normal Butane	6	2,302	2,308	618	2,333	1,628	4,579
Isobutane	-	967	967	408	718	968	2,094
Natural Gasoline	-	2,286	2,286	402	2,182	1,984	4,568

Commodity	Production								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	106,461	5,112	5,411	384	12,129	129,497	17,139	2,117	206,105
Natural Gas Liquids	106,461	5,112	5,411	384	12,129	129,497	17,139	2,117	206,105
Ethane	47,752	2,722	2,172	55	5,204	57,905	4,514	-	82,290
Propane	31,616	1,261	1,797	112	3,429	38,215	6,231	218	65,343
Normal Butane	11,422	-3,409	615	52	1,395	10,075	2,416	610	19,988
Isobutane	4,702	4,139	327	40	643	9,851	1,126	193	14,231
Natural Gasoline	10,969	399	500	125	1,458	13,451	2,852	1,096	24,253

Commodity	Stocks						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	6	262	268	847	167	10	1,024
Natural Gas Liquids	6	262	268	847	167	10	1,024
Ethane	-	-	-	33	3	2	38
Propane	2	135	137	474	71	2	547
Normal Butane	4	36	40	126	38	1	165
Isobutane	-	15	15	78	8	-	86
Natural Gasoline	-	76	76	136	47	5	188

Commodity	Stocks								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	173	185	1,241	8	1	1,608	196	386	3,482
Natural Gas Liquids	173	185	1,241	8	1	1,608	196	386	3,482
Ethane	14	8	-	1	-	23	5	-	66
Propane	32	23	51	3	-	109	88	109	990
Normal Butane	26	20	199	1	-	246	32	217	700
Isobutane	64	16	104	-	-	184	15	36	336
Natural Gasoline	37	118	887	3	1	1,046	56	24	1,390

- = No Data Reported.
Note: Refer to Appendix A for Refining District descriptions.
Sources: Energy Information Administration (EIA) Form EIA-816, "Monthly Natural Gas Liquids Report."

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, January 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	20,908	2,891	23,799	70,794	16,250	26,653	113,697
Hydrocarbon Gas Liquids	1,793	-	1,793	2,730	130	888	3,748
Natural Gas Liquids	1,793	-	1,793	2,730	130	888	3,748
Normal Butane	1,367	-	1,367	821	60	314	1,195
Isobutane	145	-	145	1,359	57	357	1,773
Natural Gasoline	281	-	281	550	13	217	780
Other Liquids	74,619	5,164	79,783	2,555	1,737	908	5,200
Hydrogen/Biofuels/Other Hydrocarbons	9,298	726	10,024	5,212	1,360	1,856	8,428
Hydrogen	81	14	95	755	301	204	1,260
Biofuels (Including Fuel Ethanol)	9,217	712	9,929	4,440	1,059	1,652	7,151
Fuel Ethanol	8,762	636	9,398	4,324	1,018	1,507	6,849
Biodiesel	455	76	531	116	41	61	218
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	84	84
Other Hydrocarbons	-	-	-	17	-	-	17
Unfinished Oils (net)	1,308	-169	1,139	-960	89	-561	-1,432
Naphthas and Lighter	-143	-95	-238	7	3	123	133
Kerosene and Light Gas Oils	124	-	124	-231	66	-193	-358
Heavy Gas Oils	21	-69	-48	-741	20	-299	-1,020
Residuum	1,306	-5	1,301	5	-	-192	-187
Motor Gasoline Blend.Comp. (MGBC)(net)	64,013	4,607	68,620	-1,697	288	-387	-1,796
Reformulated - RBOB	13,143	-	13,143	-876	977	782	883
Conventional	50,870	4,607	55,477	-821	-689	-1,169	-2,679
CBOB	44,364	4,586	48,950	498	-455	-1,240	-1,197
GTAB	2,884	-	2,884	-	-	-	-
Other	3,622	21	3,643	-1,319	-234	71	-1,482
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	97,320	8,055	105,375	76,079	18,117	28,449	122,645

See footnotes at end of table.

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, January 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	18,620	134,160	90,881	7,071	2,244	252,976	14,653	62,558	467,683
Hydrocarbon Gas Liquids	682	9,791	5,081	119	94	15,767	568	1,162	23,038
Natural Gas Liquids	682	9,791	5,081	119	94	15,767	568	1,162	23,038
Normal Butane	327	3,583	2,909	73	—	6,892	273	635	10,362
Isobutane	330	2,415	1,360	43	94	4,242	134	507	6,801
Natural Gasoline	25	3,793	812	3	—	4,633	161	20	5,875
Other Liquids	8,883	-45,579	-28,858	6,266	-178	-59,466	2,022	11,371	38,910
Hydrogen/Biofuels/Other Hydrocarbons	2,081	3,030	2,073	1,000	215	8,399	1,017	6,314	34,182
Hydrogen	78	2,062	1,440	64	46	3,690	172	1,275	6,492
Biofuels (Including Fuel Ethanol)	2,003	968	633	936	169	4,709	845	5,039	27,673
Fuel Ethanol	1,947	814	473	917	135	4,286	805	4,302	25,640
Biodiesel	56	58	39	19	10	182	16	338	1,285
Renewable Diesel Fuel	—	—	—	—	—	—	—	385	385
Other Biofuels ¹	—	96	121	—	24	241	24	14	363
Other Hydrocarbons	—	—	—	—	—	—	—	—	17
Unfinished Oils (net)	437	-509	8,239	-200	-276	7,691	-267	1,548	8,679
Naphthas and Lighter	385	-5,514	1,196	-35	-3	-3,971	-117	270	-3,923
Kerosene and Light Gas Oils	234	-551	-1,198	-55	-164	-1,734	-99	-602	-2,669
Heavy Gas Oils	-94	2,086	6,467	-31	-109	8,319	-128	1,800	8,923
Residuum	-88	3,470	1,774	-79	—	5,077	77	80	6,348
Motor Gasoline Blend.Comp. (MGBC)(net)	6,354	-48,100	-39,176	5,466	-117	-75,573	1,272	3,509	-3,968
Reformulated - RBOB	5,292	-7,128	-1,542	5	-478	-3,851	—	2,106	12,281
Conventional	1,062	-40,972	-37,634	5,461	361	-71,722	1,272	1,403	-16,249
CBOB	1,182	-36,702	-35,008	5,504	342	-64,682	1,076	963	-14,890
GTAB	—	—	—	—	—	—	—	—	2,884
Other	-120	-4,270	-2,626	-43	19	-7,040	196	440	-4,243
Aviation Gasoline Blend. Comp. (net)	11	—	6	—	—	17	—	—	17
Total Input	28,185	98,372	67,104	13,456	2,160	209,277	17,243	75,091	529,631

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, February 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	16,055	2,791	18,846	67,947	15,252	24,189	107,388
Hydrocarbon Gas Liquids	1,508	-	1,508	2,348	129	1,017	3,494
Natural Gas Liquids	1,508	-	1,508	2,348	129	1,017	3,494
Normal Butane	1,112	-	1,112	655	65	241	961
Isobutane	120	-	120	1,224	56	369	1,649
Natural Gasoline	276	-	276	469	8	407	884
Other Liquids	73,447	5,015	78,462	2,310	1,387	1,220	4,917
Hydrogen/Biofuels/Other Hydrocarbons	8,756	708	9,464	4,993	1,267	1,748	8,008
Hydrogen	48	12	60	698	273	187	1,158
Biofuels (Including Fuel Ethanol)	8,708	696	9,404	4,288	994	1,561	6,843
Fuel Ethanol	8,327	613	8,940	4,170	957	1,431	6,558
Biodiesel	378	83	461	118	37	59	214
Renewable Diesel Fuel	3	-	3	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	71	71
Other Hydrocarbons	-	-	-	7	-	-	7
Unfinished Oils (net)	537	-101	436	-2,511	8	-147	-2,650
Naphthas and Lighter	134	-48	86	-307	10	124	-173
Kerosene and Light Gas Oils	318	-	318	-373	0	16	-357
Heavy Gas Oils	-822	-54	-876	-1,288	-2	-344	-1,634
Residuum	907	1	908	-543	-	57	-486
Motor Gasoline Blend.Comp. (MGBC)(net)	64,154	4,408	68,562	-172	112	-381	-441
Reformulated - RBOB	14,295	-	14,295	-180	908	694	1,422
Conventional	49,859	4,408	54,267	8	-796	-1,075	-1,863
CBOB	42,832	4,397	47,229	1,425	-680	-966	-221
GTAB	1,329	-	1,329	-	-	-	-
Other	5,698	11	5,709	-1,417	-116	-109	-1,642
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	91,010	7,806	98,816	72,605	16,768	26,426	115,799

See footnotes at end of table.

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, February 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	16,927	120,937	78,113	6,538	2,117	224,632	14,484	58,167	423,517
Hydrocarbon Gas Liquids	515	8,307	3,937	95	90	12,944	520	732	19,198
Natural Gas Liquids	515	8,307	3,937	95	90	12,944	520	732	19,198
Normal Butane	220	2,845	2,082	46	—	5,193	212	210	7,688
Isobutane	261	2,265	1,159	43	90	3,818	129	505	6,221
Natural Gasoline	34	3,197	696	6	—	3,933	179	17	5,289
Other Liquids	9,037	-39,244	-24,309	6,056	20	-48,440	1,173	10,975	47,087
Hydrogen/Biofuels/Other Hydrocarbons	2,002	2,530	1,781	956	189	7,458	957	5,899	31,786
Hydrogen	93	1,606	1,242	58	25	3,024	179	1,049	5,470
Biofuels (Including Fuel Ethanol)	1,909	924	539	898	164	4,434	778	4,850	26,309
Fuel Ethanol	1,852	793	436	879	128	4,088	735	4,060	24,381
Biodiesel	57	75	38	19	13	202	14	364	1,255
Renewable Diesel Fuel	—	—	—	—	—	—	—	418	421
Other Biofuels ¹	—	56	65	—	23	144	29	8	252
Other Hydrocarbons	—	—	—	—	—	—	—	—	7
Unfinished Oils (net)	-40	1,325	7,176	5	-234	8,232	-339	-107	5,572
Naphthas and Lighter	-70	-4,051	273	19	-153	-3,982	-117	-540	-4,726
Kerosene and Light Gas Oils	49	-261	-100	-11	-28	-351	-99	-784	-1,273
Heavy Gas Oils	-9	2,772	6,152	48	-53	8,910	-84	-537	5,779
Residuum	-10	2,865	851	-51	—	3,655	-39	1,754	5,792
Motor Gasoline Blend.Comp. (MGBC)(net)	7,060	-43,099	-33,273	5,095	65	-64,152	555	5,183	9,707
Reformulated - RBOB	5,236	-5,305	-969	4	-319	-1,353	—	4,052	18,416
Conventional	1,824	-37,794	-32,304	5,091	384	-62,799	555	1,131	-8,709
CBOB	1,989	-33,328	-30,871	5,084	385	-56,741	552	1,329	-7,852
GTAB	—	—	—	—	—	—	—	—	1,329
Other	-165	-4,466	-1,433	7	-1	-6,058	3	-198	-2,186
Aviation Gasoline Blend. Comp. (net)	15	—	7	—	—	22	—	—	22
Total Input	26,479	90,000	57,741	12,689	2,227	189,136	16,177	69,874	489,802

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, March 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	16,128	3,131	19,259	77,212	16,232	22,529	115,973
Hydrocarbon Gas Liquids	1,287	-	1,287	1,859	186	1,094	3,139
Natural Gas Liquids	1,287	-	1,287	1,859	186	1,094	3,139
Normal Butane	849	-	849	152	104	237	493
Isobutane	117	-	117	1,275	74	354	1,703
Natural Gasoline	321	-	321	432	8	503	943
Other Liquids	85,050	5,770	90,820	5,787	1,696	4,470	11,953
Hydrogen/Biofuels/Other Hydrocarbons	9,985	822	10,807	5,546	1,384	1,951	8,881
Hydrogen	62	26	88	704	290	188	1,182
Biofuels (Including Fuel Ethanol)	9,923	796	10,719	4,838	1,094	1,763	7,695
Fuel Ethanol	9,471	692	10,163	4,693	1,032	1,624	7,349
Biodiesel	452	104	556	145	62	68	275
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	71	71
Other Hydrocarbons	-	-	-	4	-	-	4
Unfinished Oils (net)	763	-55	708	-2,325	29	77	-2,219
Naphthas and Lighter	478	-12	466	-486	-12	-344	-842
Kerosene and Light Gas Oils	200	-	200	-1,011	-48	29	-1,030
Heavy Gas Oils	-623	-45	-668	-308	101	758	551
Residuum	708	2	710	-520	-12	-366	-898
Motor Gasoline Blend.Comp. (MGBC)(net)	74,302	5,003	79,305	2,566	283	2,442	5,291
Reformulated - RBOB	17,601	-	17,601	-426	1,046	789	1,409
Conventional	56,701	5,003	61,704	2,992	-763	1,653	3,882
CBOB	49,023	5,006	54,029	3,320	-856	1,465	3,929
GTAB	1,932	-	1,932	-	-	-	-
Other	5,746	-3	5,743	-328	93	188	-47
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	102,465	8,901	111,366	84,858	18,114	28,093	131,065

See footnotes at end of table.

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, March 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	19,911	138,190	93,973	7,528	1,704	261,306	16,763	67,587	480,888
Hydrocarbon Gas Liquids	610	8,022	2,833	106	43	11,614	541	632	17,213
Natural Gas Liquids	610	8,022	2,833	106	43	11,614	541	632	17,213
Normal Butane	265	1,844	1,102	59	—	3,270	190	91	4,893
Isobutane	297	2,645	1,439	41	43	4,465	176	522	6,983
Natural Gasoline	48	3,533	292	6	—	3,879	175	19	5,337
Other Liquids	10,615	-41,169	-28,019	7,375	363	-50,835	1,681	11,458	65,077
Hydrogen/Biofuels/Other Hydrocarbons	2,335	2,587	2,035	1,099	210	8,266	1,127	6,748	35,829
Hydrogen	108	1,612	1,442	63	33	3,258	202	1,335	6,065
Biofuels (Including Fuel Ethanol)	2,227	975	593	1,036	177	5,008	925	5,413	29,760
Fuel Ethanol	2,159	902	514	1,011	140	4,726	867	4,513	27,618
Biodiesel	68	71	30	25	9	203	26	405	1,465
Renewable Diesel Fuel	—	—	—	—	—	—	—	471	471
Other Biofuels ¹	—	2	49	—	28	79	32	24	206
Other Hydrocarbons	—	—	—	—	—	—	—	—	4
Unfinished Oils (net)	-696	-1,001	6,289	87	-163	4,516	-33	6	2,978
Naphthas and Lighter	-466	-6,947	230	8	80	-7,095	104	-375	-7,742
Kerosene and Light Gas Oils	-48	-1,082	480	-7	-61	-718	169	-468	-1,847
Heavy Gas Oils	-57	2,773	5,400	160	-182	8,094	-295	648	8,330
Residuum	-125	4,255	179	-74	—	4,235	-11	201	4,237
Motor Gasoline Blend.Comp. (MGBC)(net)	8,972	-42,755	-36,345	6,189	316	-63,623	587	4,704	26,264
Reformulated - RBOB	6,301	-8,030	-2,277	4	-117	-4,119	—	1,829	16,720
Conventional	2,671	-34,725	-34,068	6,185	433	-59,504	587	2,875	9,544
CBOB	2,640	-30,610	-32,105	6,255	403	-53,417	795	1,572	6,908
GTAB	—	—	—	—	—	—	—	—	1,932
Other	31	-4,115	-1,963	-70	30	-6,087	-208	1,303	704
Aviation Gasoline Blend. Comp. (net)	4	—	2	—	—	6	—	—	6
Total Input	31,136	105,043	68,787	15,009	2,110	222,085	18,985	79,677	563,178

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, April 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	20,476	2,989	23,465	74,590	14,116	22,618	111,324
Hydrocarbon Gas Liquids	878	-	878	1,381	208	1,003	2,592
Natural Gas Liquids	878	-	878	1,381	208	1,003	2,592
Normal Butane	574	-	574	67	123	175	365
Isobutane	112	-	112	1,112	75	263	1,450
Natural Gasoline	192	-	192	202	10	565	777
Other Liquids	81,051	5,687	86,738	7,526	2,317	4,287	14,130
Hydrogen/Biofuels/Other Hydrocarbons	9,554	787	10,341	5,478	1,363	1,917	8,758
Hydrogen	37	11	48	670	184	179	1,033
Biofuels (Including Fuel Ethanol)	9,517	776	10,293	4,808	1,179	1,738	7,725
Fuel Ethanol	9,177	671	9,848	4,656	1,010	1,609	7,275
Biodiesel	340	105	445	152	169	90	411
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	39	39
Other Hydrocarbons	-	-	-	-	-	-	-
Unfinished Oils (net)	1,407	-103	1,304	-2,641	-542	-313	-3,496
Naphthas and Lighter	226	-47	179	-90	-216	3	-303
Kerosene and Light Gas Oils	-72	-	-72	-1,060	-205	83	-1,182
Heavy Gas Oils	675	-53	622	-1,262	-117	-376	-1,755
Residuum	578	-3	575	-229	-4	-23	-256
Motor Gasoline Blend.Comp. (MGBC)(net)	70,090	5,003	75,093	4,689	1,496	2,683	8,868
Reformulated - RBOB	17,012	-	17,012	484	1,140	824	2,448
Conventional	53,078	5,003	58,081	4,205	356	1,859	6,420
CBOB	41,445	5,020	46,465	4,009	229	2,089	6,327
GTAB	3,048	-	3,048	-	-	-	-
Other	8,585	-17	8,568	196	127	-230	93
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	102,405	8,676	111,081	83,497	16,641	27,908	128,046

See footnotes at end of table.

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, April 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	18,874	142,877	92,568	5,931	1,302	261,552	15,397	63,457	475,195
Hydrocarbon Gas Liquids	562	6,497	3,165	81	105	10,410	485	560	14,925
Natural Gas Liquids	562	6,497	3,165	81	105	10,410	485	560	14,925
Normal Butane	244	977	346	41	5	1,613	157	93	2,802
Isobutane	275	2,520	1,487	37	100	4,419	159	450	6,590
Natural Gasoline	43	3,000	1,332	3	-	4,378	169	17	5,533
Other Liquids	10,835	-43,671	-25,701	7,265	267	-51,005	2,263	12,538	64,664
Hydrogen/Biofuels/Other Hydrocarbons	2,284	2,875	2,051	1,026	172	8,408	1,107	6,444	35,058
Hydrogen	116	1,928	1,532	33	23	3,632	186	1,309	6,208
Biofuels (Including Fuel Ethanol)	2,168	947	519	993	149	4,776	921	5,135	28,850
Fuel Ethanol	2,096	860	479	970	132	4,537	873	4,481	27,014
Biodiesel	72	84	33	23	8	220	28	367	1,471
Renewable Diesel Fuel	-	-	-	-	-	-	-	280	280
Other Biofuels ¹	-	3	7	-	9	19	20	7	85
Other Hydrocarbons	-	-	-	-	-	-	-	-	-
Unfinished Oils (net)	-572	-4,141	10,353	-261	-256	5,123	-37	622	3,516
Naphthas and Lighter	-301	-7,254	502	-90	-158	-7,301	-173	326	-7,272
Kerosene and Light Gas Oils	-81	-683	228	-18	-188	-742	-78	-678	-2,752
Heavy Gas Oils	-281	-434	7,944	-68	90	7,251	208	883	7,209
Residuum	91	4,230	1,679	-85	-	5,915	6	91	6,331
Motor Gasoline Blend.Comp. (MGBC)(net)	9,132	-42,405	-38,107	6,500	351	-64,529	1,193	5,472	26,097
Reformulated - RBOB	6,312	-9,278	-6,584	8	-131	-9,673	-	2,152	11,939
Conventional	2,820	-33,127	-31,523	6,492	482	-54,856	1,193	3,320	14,158
CBOB	2,919	-30,026	-29,621	6,446	436	-49,846	1,120	1,705	5,771
GTAB	-	-	-	-	-	-	-	-	3,048
Other	-99	-3,101	-1,902	46	46	-5,010	73	1,615	5,339
Aviation Gasoline Blend. Comp. (net)	-9	-	2	-	-	-7	-	-	-7
Total Input	30,271	105,703	70,032	13,277	1,674	220,957	18,145	76,555	554,784

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, May 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	20,420	2,914	23,334	78,478	15,441	24,018	117,937
Hydrocarbon Gas Liquids	165	-	165	1,707	82	870	2,659
Natural Gas Liquids	165	-	165	1,707	82	870	2,659
Normal Butane	21	-	21	8	7	18	33
Isobutane	124	-	124	1,267	75	361	1,703
Natural Gasoline	20	-	20	432	-	491	923
Other Liquids	85,972	6,383	92,355	11,117	4,007	4,734	19,858
Hydrogen/Biofuels/Other Hydrocarbons	10,035	863	10,898	5,818	1,623	2,058	9,499
Hydrogen	50	12	62	661	219	192	1,072
Biofuels (Including Fuel Ethanol)	9,985	851	10,836	5,131	1,404	1,866	8,401
Fuel Ethanol	9,697	731	10,428	4,959	1,160	1,720	7,839
Biodiesel	288	120	408	172	244	84	500
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	62	62
Other Hydrocarbons	-	-	-	26	-	-	26
Unfinished Oils (net)	1,945	-16	1,929	-335	-290	359	-266
Naphthas and Lighter	415	12	427	339	-169	283	453
Kerosene and Light Gas Oils	-242	-	-242	1	-132	-342	-473
Heavy Gas Oils	987	-26	961	-88	-5	350	257
Residuum	785	-2	783	-587	16	68	-503
Motor Gasoline Blend.Comp. (MGBC)(net)	73,992	5,536	79,528	5,634	2,674	2,317	10,625
Reformulated - RBOB	17,216	-	17,216	-389	1,364	891	1,866
Conventional	56,776	5,536	62,312	6,023	1,310	1,426	8,759
CBOB	46,200	5,540	51,740	6,022	938	1,481	8,441
GTAB	3,009	-	3,009	-	-	-	-
Other	7,567	-4	7,563	1	372	-55	318
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	106,557	9,297	115,854	91,302	19,530	29,622	140,454

See footnotes at end of table.

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, May 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	18,654	152,816	94,970	7,658	2,405	276,503	16,365	68,527	502,666
Hydrocarbon Gas Liquids	578	6,902	3,153	33	92	10,758	475	681	14,738
Natural Gas Liquids	578	6,902	3,153	33	92	10,758	475	681	14,738
Normal Butane	265	520	358	1	—	1,144	93	35	1,326
Isobutane	274	2,622	1,498	28	92	4,514	198	625	7,164
Natural Gasoline	39	3,760	1,297	4	—	5,100	184	21	6,248
Other Liquids	11,690	-47,904	-26,387	7,644	70	-54,887	2,282	14,388	73,996
Hydrogen/Biofuels/Other Hydrocarbons	2,314	3,495	2,167	1,137	182	9,295	1,214	6,872	37,778
Hydrogen	87	2,474	1,618	66	14	4,259	192	1,340	6,925
Biofuels (Including Fuel Ethanol)	2,227	1,021	549	1,071	168	5,036	1,022	5,532	30,827
Fuel Ethanol	2,154	943	507	1,035	147	4,786	938	4,723	28,714
Biodiesel	73	75	25	36	14	223	45	401	1,577
Renewable Diesel Fuel	—	—	—	—	—	—	—	404	404
Other Biofuels ¹	—	3	17	—	7	27	39	4	132
Other Hydrocarbons	—	—	—	—	—	—	—	—	26
Unfinished Oils (net)	-48	-5,452	10,249	-82	2	4,669	-356	2,444	8,420
Naphthas and Lighter	97	-8,654	1,125	3	108	-7,321	71	371	-5,999
Kerosene and Light Gas Oils	12	-1,315	-28	-36	-54	-1,421	-177	-209	-2,522
Heavy Gas Oils	-120	189	7,995	42	-52	8,054	-255	1,726	10,743
Residuum	-37	4,328	1,157	-91	—	5,357	5	556	6,198
Motor Gasoline Blend.Comp. (MGBC)(net)	9,418	-45,947	-38,809	6,589	-114	-68,863	1,424	5,072	27,786
Reformulated - RBOB	6,512	-9,952	-8,019	7	-456	-11,908	—	1,618	8,792
Conventional	2,906	-35,995	-30,790	6,582	342	-56,955	1,424	3,454	18,994
CBOB	2,970	-32,564	-30,146	6,603	333	-52,804	1,381	1,978	10,736
GTAB	—	—	—	—	—	—	—	—	3,009
Other	-64	-3,431	-644	-21	9	-4,151	43	1,476	5,249
Aviation Gasoline Blend. Comp. (net)	6	—	6	—	—	12	—	—	12
Total Input	30,922	111,814	71,736	15,335	2,567	232,374	19,122	83,596	591,400

-- = Not Applicable.

— = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, June 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	16,298	2,964	19,262	78,554	15,787	26,101	120,442
Hydrocarbon Gas Liquids	551	-	551	1,761	78	907	2,746
Natural Gas Liquids	551	-	551	1,761	78	907	2,746
Normal Butane	26	-	26	18	9	16	43
Isobutane	132	-	132	1,352	69	448	1,869
Natural Gasoline	393	-	393	391	-	443	834
Other Liquids	83,984	6,137	90,121	9,250	3,738	4,034	17,022
Hydrogen/Biofuels/Other Hydrocarbons	9,620	836	10,456	5,654	1,642	2,050	9,346
Hydrogen	77	11	88	673	215	192	1,080
Biofuels (Including Fuel Ethanol)	9,543	825	10,368	4,960	1,427	1,858	8,245
Fuel Ethanol	9,285	713	9,998	4,787	1,183	1,687	7,657
Biodiesel	254	112	366	173	244	94	511
Renewable Diesel Fuel	4	-	4	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	77	77
Other Hydrocarbons	-	-	-	21	-	-	21
Unfinished Oils (net)	2,163	-95	2,068	-77	-317	540	146
Naphthas and Lighter	777	-54	723	145	-81	4	68
Kerosene and Light Gas Oils	303	-	303	183	-127	367	423
Heavy Gas Oils	-303	-36	-339	-199	-109	166	-142
Residuum	1,386	-5	1,381	-206	-	3	-203
Motor Gasoline Blend.Comp. (MGBC)(net)	72,201	5,396	77,597	3,673	2,413	1,444	7,530
Reformulated - RBOB	16,252	-	16,252	-132	1,316	872	2,056
Conventional	55,949	5,396	61,345	3,805	1,097	572	5,474
CBOB	42,204	5,421	47,625	4,046	1,190	335	5,571
GTAB	4,323	-	4,323	-	-	-	-
Other	9,422	-25	9,397	-241	-93	237	-97
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	100,833	9,101	109,934	89,565	19,603	31,042	140,210

See footnotes at end of table.

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, June 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	17,481	148,091	90,261	6,480	2,326	264,639	18,285	69,556	492,184
Hydrocarbon Gas Liquids	581	6,909	3,037	29	97	10,653	464	622	15,036
Natural Gas Liquids	581	6,909	3,037	29	97	10,653	464	622	15,036
Normal Butane	352	785	586	2	—	1,725	87	16	1,897
Isobutane	195	2,458	1,499	24	97	4,273	170	585	7,029
Natural Gasoline	34	3,666	952	3	—	4,655	207	21	6,110
Other Liquids	11,708	-46,941	-27,636	7,645	74	-55,150	2,280	11,532	65,805
Hydrogen/Biofuels/Other Hydrocarbons	2,156	3,474	2,021	1,098	194	8,943	1,225	6,756	36,726
Hydrogen	61	2,485	1,483	63	19	4,111	217	1,292	6,788
Biofuels (Including Fuel Ethanol)	2,095	989	538	1,035	175	4,832	1,008	5,464	29,917
Fuel Ethanol	2,016	917	494	1,009	147	4,583	920	4,553	27,711
Biodiesel	79	68	31	26	14	218	41	337	1,473
Renewable Diesel Fuel	—	—	—	—	—	—	—	562	566
Other Biofuels ¹	—	4	13	—	14	31	47	12	167
Other Hydrocarbons	—	—	—	—	—	—	—	—	21
Unfinished Oils (net)	562	-5,651	6,585	-160	-298	1,038	177	2,482	5,911
Naphthas and Lighter	449	-8,551	464	-95	-134	-7,867	-26	509	-6,593
Kerosene and Light Gas Oils	24	-2,043	-751	-58	-148	-2,976	146	-740	-2,844
Heavy Gas Oils	88	896	5,589	-32	-16	6,525	96	2,362	8,502
Residuum	1	4,047	1,283	25	—	5,356	-39	351	6,846
Motor Gasoline Blend.Comp. (MGBC)(net)	8,979	-44,764	-36,247	6,707	178	-65,147	878	2,294	23,152
Reformulated - RBOB	6,119	-10,735	-7,276	7	-360	-12,245	—	1,518	7,581
Conventional	2,860	-34,029	-28,971	6,700	538	-52,902	878	776	15,571
CBOB	2,638	-28,872	-28,752	6,745	472	-47,769	686	-73	6,040
GTAB	—	—	—	—	—	—	—	—	4,323
Other	222	-5,157	-219	-45	66	-5,133	192	849	5,208
Aviation Gasoline Blend. Comp. (net)	11	—	5	—	—	16	—	—	16
Total Input	29,770	108,059	65,662	14,154	2,497	220,142	21,029	81,710	573,025

-- = Not Applicable.

— = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, July 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	17,404	3,142	20,546	80,075	17,317	27,822	125,214
Hydrocarbon Gas Liquids	201	-	201	2,048	85	874	3,007
Natural Gas Liquids	201	-	201	2,048	85	874	3,007
Normal Butane	36	-	36	4	6	20	30
Isobutane	121	-	121	1,379	79	476	1,934
Natural Gasoline	44	-	44	665	-	378	1,043
Other Liquids	86,940	6,297	93,237	6,776	3,518	3,105	13,399
Hydrogen/Biofuels/Other Hydrocarbons	9,848	845	10,693	5,647	1,682	2,030	9,359
Hydrogen	84	14	98	682	296	203	1,181
Biofuels (Including Fuel Ethanol)	9,764	831	10,595	4,951	1,386	1,827	8,164
Fuel Ethanol	9,515	733	10,248	4,797	1,164	1,666	7,627
Biodiesel	244	98	342	154	222	87	463
Renewable Diesel Fuel	5	-	5	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	74	74
Other Hydrocarbons	-	-	-	14	-	-	14
Unfinished Oils (net)	1,791	-60	1,731	-844	-63	-119	-1,026
Naphthas and Lighter	418	-30	388	351	-41	-116	194
Kerosene and Light Gas Oils	271	-	271	-546	267	53	-226
Heavy Gas Oils	-45	-31	-76	-645	-289	77	-857
Residuum	1,147	1	1,148	-4	-	-133	-137
Motor Gasoline Blend.Comp. (MGBC)(net)	75,301	5,512	80,813	1,973	1,899	1,194	5,066
Reformulated - RBOB	15,619	-	15,619	-753	1,282	878	1,407
Conventional	59,682	5,512	65,194	2,726	617	316	3,659
CBOB	46,474	5,515	51,989	3,091	483	393	3,967
GTAB	5,483	-	5,483	-	-	-	-
Other	7,725	-3	7,722	-365	134	-77	-308
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	104,545	9,439	113,984	88,899	20,920	31,801	141,620

See footnotes at end of table.

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, July 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	21,453	153,514	94,951	7,883	2,316	280,117	18,839	70,751	515,467
Hydrocarbon Gas Liquids	440	7,049	2,705	35	85	10,314	486	518	14,526
Natural Gas Liquids	440	7,049	2,705	35	85	10,314	486	518	14,526
Normal Butane	152	1,217	447	2	—	1,818	142	42	2,068
Isobutane	244	2,566	1,539	31	85	4,465	146	457	7,123
Natural Gasoline	44	3,266	719	2	—	4,031	198	19	5,335
Other Liquids	10,390	-49,376	-27,976	7,098	260	-59,604	2,402	11,101	60,535
Hydrogen/Biofuels/Other Hydrocarbons	2,315	3,444	2,100	1,103	220	9,182	1,296	6,614	37,144
Hydrogen	106	2,471	1,504	69	40	4,190	219	1,405	7,093
Biofuels (Including Fuel Ethanol)	2,209	973	596	1,034	180	4,992	1,077	5,209	30,037
Fuel Ethanol	2,130	892	502	1,014	150	4,688	1,010	4,651	28,224
Biodiesel	79	77	49	20	10	235	49	326	1,415
Renewable Diesel Fuel	—	—	—	—	—	—	—	230	235
Other Biofuels ¹	—	4	45	—	20	69	18	2	163
Other Hydrocarbons	—	—	—	—	—	—	—	—	14
Unfinished Oils (net)	-494	-6,009	7,451	-167	35	816	24	1,152	2,697
Naphthas and Lighter	-357	-9,028	765	-10	82	-8,548	144	-147	-7,969
Kerosene and Light Gas Oils	-55	-2,577	-559	12	-7	-3,186	-99	-261	-3,501
Heavy Gas Oils	-66	1,516	6,692	-12	-40	8,090	21	1,859	9,037
Residuum	-16	4,080	553	-157	—	4,460	-42	-299	5,130
Motor Gasoline Blend.Comp. (MGBC)(net)	8,555	-46,811	-37,538	6,162	5	-69,627	1,082	3,335	20,669
Reformulated - RBOB	6,415	-12,428	-6,948	8	-368	-13,321	—	1,594	5,299
Conventional	2,140	-34,383	-30,590	6,154	373	-56,306	1,082	1,741	15,370
CBOB	2,384	-29,198	-29,971	6,163	344	-50,278	978	803	7,459
GTAB	—	—	—	—	—	—	—	—	5,483
Other	-244	-5,185	-619	-9	29	-6,028	104	938	2,428
Aviation Gasoline Blend. Comp. (net)	14	—	11	—	—	25	—	—	25
Total Input	32,283	111,187	69,680	15,016	2,661	230,827	21,727	82,370	590,528

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, August 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	21,395	3,123	24,518	83,833	17,424	27,615	128,872
Hydrocarbon Gas Liquids	564	-	564	1,947	75	851	2,873
Natural Gas Liquids	564	-	564	1,947	75	851	2,873
Normal Butane	180	-	180	1	5	25	31
Isobutane	126	-	126	1,382	70	367	1,819
Natural Gasoline	258	-	258	564	-	459	1,023
Other Liquids	86,477	6,259	92,736	8,367	3,631	1,747	13,745
Hydrogen/Biofuels/Other Hydrocarbons	10,083	851	10,934	5,887	1,746	2,044	9,677
Hydrogen	91	14	105	662	299	194	1,155
Biofuels (Including Fuel Ethanol)	9,992	837	10,829	5,211	1,447	1,850	8,508
Fuel Ethanol	9,724	741	10,465	5,044	1,192	1,688	7,924
Biodiesel	257	96	353	167	255	89	511
Renewable Diesel Fuel	11	-	11	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	73	73
Other Hydrocarbons	-	-	-	14	-	-	14
Unfinished Oils (net)	1,835	-189	1,646	-594	-302	-962	-1,858
Naphthas and Lighter	621	-134	487	426	-29	-103	294
Kerosene and Light Gas Oils	274	-	274	-144	34	-48	-158
Heavy Gas Oils	182	-54	128	-450	-307	-652	-1,409
Residuum	758	-1	757	-426	-	-159	-585
Motor Gasoline Blend.Comp. (MGBC)(net)	74,559	5,597	80,156	3,074	2,187	665	5,926
Reformulated - RBOB	16,166	-	16,166	-545	1,338	690	1,483
Conventional	58,393	5,597	63,990	3,619	849	-25	4,443
CBOB	46,601	5,614	52,215	3,847	759	-94	4,512
GTAB	5,846	-	5,846	-	-	-	-
Other	5,946	-17	5,929	-228	90	69	-69
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	108,436	9,382	117,818	94,147	21,130	30,213	145,490

See footnotes at end of table.

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, August 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	19,885	151,038	92,591	8,099	2,498	274,111	19,214	70,659	517,374
Hydrocarbon Gas Liquids	467	7,523	3,375	34	89	11,488	439	800	16,164
Natural Gas Liquids	467	7,523	3,375	34	89	11,488	439	800	16,164
Normal Butane	213	1,200	478	2	—	1,893	131	92	2,327
Isobutane	201	2,498	1,620	27	89	4,435	175	694	7,249
Natural Gasoline	53	3,825	1,277	5	—	5,160	133	14	6,588
Other Liquids	11,938	-51,181	-28,008	7,343	105	-59,803	1,767	13,209	61,654
Hydrogen/Biofuels/Other Hydrocarbons	2,381	3,530	2,017	1,165	212	9,305	1,331	7,046	38,293
Hydrogen	105	2,532	1,423	91	29	4,180	235	1,427	7,102
Biofuels (Including Fuel Ethanol)	2,276	998	594	1,074	183	5,125	1,096	5,619	31,177
Fuel Ethanol	2,208	911	515	1,057	148	4,839	1,005	4,750	28,983
Biodiesel	68	82	37	17	16	220	57	355	1,496
Renewable Diesel Fuel	—	—	19	—	—	19	—	514	544
Other Biofuels ¹	—	5	23	—	19	47	34	—	154
Other Hydrocarbons	—	—	—	—	—	—	—	—	14
Unfinished Oils (net)	-499	-8,166	7,900	-233	22	-976	-195	1,716	333
Naphthas and Lighter	-205	-9,603	374	12	10	-9,412	-58	-23	-8,712
Kerosene and Light Gas Oils	101	-2,770	-849	-65	17	-3,566	-105	163	-3,392
Heavy Gas Oils	-339	1,313	7,645	-112	-5	8,502	43	1,943	9,207
Residuum	-56	2,894	730	-68	—	3,500	-75	-367	3,230
Motor Gasoline Blend.Comp. (MGBC)(net)	10,047	-46,545	-37,938	6,411	-129	-68,154	631	4,447	23,006
Reformulated - RBOB	7,118	-8,817	-5,134	6	-416	-7,243	—	2,776	13,182
Conventional	2,929	-37,728	-32,804	6,405	287	-60,911	631	1,671	9,824
CBOB	3,127	-30,482	-31,456	6,422	275	-52,114	721	822	6,156
GTAB	—	—	—	—	—	—	—	—	5,846
Other	-198	-7,246	-1,348	-17	12	-8,797	-90	849	-2,178
Aviation Gasoline Blend. Comp. (net)	9	—	13	—	—	22	—	—	22
Total Input	32,290	107,380	67,958	15,476	2,692	225,796	21,420	84,668	595,192

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, September 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	17,336	2,899	20,235	79,557	13,233	21,679	114,469
Hydrocarbon Gas Liquids	2,035	-	2,035	2,210	214	1,395	3,819
Natural Gas Liquids	2,035	-	2,035	2,210	214	1,395	3,819
Normal Butane	1,686	-	1,686	185	111	351	647
Isobutane	57	-	57	1,378	86	405	1,869
Natural Gasoline	292	-	292	647	17	639	1,303
Other Liquids	79,592	5,687	85,279	5,109	3,801	3,640	12,550
Hydrogen/Biofuels/Other Hydrocarbons	9,412	778	10,190	5,472	1,503	1,885	8,860
Hydrogen	94	14	108	628	200	188	1,016
Biofuels (Including Fuel Ethanol)	9,318	764	10,082	4,839	1,303	1,697	7,839
Fuel Ethanol	9,031	673	9,704	4,684	1,078	1,540	7,302
Biodiesel	272	91	363	155	225	87	467
Renewable Diesel Fuel	15	-	15	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	70	70
Other Hydrocarbons	-	-	-	5	-	-	5
Unfinished Oils (net)	2,018	-140	1,878	-1,160	74	364	-722
Naphthas and Lighter	509	-73	436	-327	-34	205	-156
Kerosene and Light Gas Oils	195	-	195	-126	-4	12	-118
Heavy Gas Oils	316	-72	244	-722	112	70	-540
Residuum	998	5	1,003	15	-	77	92
Motor Gasoline Blend.Comp. (MGBC)(net)	68,162	5,049	73,211	797	2,224	1,391	4,412
Reformulated - RBOB	12,515	-	12,515	-346	1,263	618	1,535
Conventional	55,647	5,049	60,696	1,143	961	773	2,877
CBOB	45,894	5,069	50,963	1,588	882	749	3,219
GTAB	1,998	-	1,998	-	-	-	-
Other	7,755	-20	7,735	-445	79	24	-342
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	98,963	8,586	107,549	86,876	17,248	26,714	130,838

See footnotes at end of table.

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, September 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	18,701	144,750	89,611	7,984	2,561	263,607	19,055	69,813	487,179
Hydrocarbon Gas Liquids	669	7,875	4,626	127	96	13,393	537	663	20,447
Natural Gas Liquids	669	7,875	4,626	127	96	13,393	537	663	20,447
Normal Butane	324	2,112	1,724	78	3	4,241	164	69	6,807
Isobutane	304	2,004	1,494	43	93	3,938	182	585	6,631
Natural Gasoline	41	3,759	1,408	6	-	5,214	191	9	7,009
Other Liquids	11,191	-47,858	-32,502	6,759	6	-62,404	1,965	9,298	46,688
Hydrogen/Biofuels/Other Hydrocarbons	2,255	3,384	2,021	1,088	208	8,956	1,252	6,545	35,803
Hydrogen	103	2,417	1,498	84	36	4,138	224	1,393	6,879
Biofuels (Including Fuel Ethanol)	2,152	967	523	1,004	172	4,818	1,028	5,152	28,919
Fuel Ethanol	2,085	859	478	987	143	4,552	944	4,447	26,949
Biodiesel	67	77	35	17	13	209	56	355	1,450
Renewable Diesel Fuel	-	-	-	-	-	-	-	350	365
Other Biofuels ¹	-	31	10	-	16	57	28	-	155
Other Hydrocarbons	-	-	-	-	-	-	-	-	5
Unfinished Oils (net)	-211	-9,230	4,229	-132	-149	-5,493	-17	392	-3,962
Naphthas and Lighter	-54	-8,127	-28	-22	-134	-8,365	63	414	-7,608
Kerosene and Light Gas Oils	153	-2,185	-1,600	-18	8	-3,642	24	-868	-4,409
Heavy Gas Oils	-84	-1,787	6,240	-19	-23	4,327	-22	596	4,605
Residuum	-226	2,869	-383	-73	-	2,187	-82	250	3,450
Motor Gasoline Blend.Comp. (MGBC)(net)	9,138	-42,012	-38,758	5,803	-53	-65,882	730	2,361	14,832
Reformulated - RBOB	6,151	-8,185	-1,951	6	-411	-4,390	286	1,698	11,644
Conventional	2,987	-33,827	-36,807	5,797	358	-61,492	444	663	3,188
CBOB	3,135	-29,260	-34,424	5,850	320	-54,379	472	751	1,026
GTAB	-	-	-	-	-	-	-	-	1,998
Other	-148	-4,567	-2,383	-53	38	-7,113	-28	-88	164
Aviation Gasoline Blend. Comp. (net)	9	-	6	-	-	15	-	-	15
Total Input	30,561	104,767	61,735	14,870	2,663	214,596	21,557	79,774	554,314

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, October 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	15,452	3,101	18,553	76,228	13,795	23,962	113,985
Hydrocarbon Gas Liquids	2,220	-	2,220	2,797	258	1,503	4,558
Natural Gas Liquids	2,220	-	2,220	2,797	258	1,503	4,558
Normal Butane	1,807	-	1,807	635	175	485	1,295
Isobutane	-	-	-	1,585	62	480	2,127
Natural Gasoline	413	-	413	577	21	538	1,136
Other Liquids	84,472	6,015	90,487	5,048	3,542	2,899	11,489
Hydrogen/Biofuels/Other Hydrocarbons	9,956	829	10,785	5,767	1,431	2,045	9,243
Hydrogen	57	11	68	750	189	273	1,212
Biofuels (Including Fuel Ethanol)	9,899	818	10,717	5,001	1,242	1,772	8,015
Fuel Ethanol	9,525	713	10,238	4,828	1,149	1,616	7,593
Biodiesel	364	105	469	173	93	88	354
Renewable Diesel Fuel	10	-	10	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	68	68
Other Hydrocarbons	-	-	-	16	-	-	16
Unfinished Oils (net)	685	-104	581	-1,116	-485	-473	-2,074
Naphthas and Lighter	411	-24	387	415	-63	-8	344
Kerosene and Light Gas Oils	-253	-	-253	-886	-77	-50	-1,013
Heavy Gas Oils	129	-79	50	-234	-345	-309	-888
Residuum	398	-1	397	-411	-	-106	-517
Motor Gasoline Blend.Comp. (MGBC)(net)	73,831	5,290	79,121	397	2,596	1,327	4,320
Reformulated - RBOB	17,859	-	17,859	48	1,117	684	1,849
Conventional	55,972	5,290	61,262	349	1,479	643	2,471
CBOB	46,784	5,243	52,027	884	1,110	678	2,672
GTAB	1,630	-	1,630	-	-	-	-
Other	7,558	47	7,605	-535	369	-35	-201
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	102,144	9,116	111,260	84,073	17,595	28,364	130,032

See footnotes at end of table.

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, October 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	15,708	144,709	88,138	8,038	2,782	259,375	19,804	64,347	476,064
Hydrocarbon Gas Liquids	554	9,264	4,752	176	112	14,858	578	1,105	23,319
Natural Gas Liquids	554	9,264	4,752	176	112	14,858	578	1,105	23,319
Normal Butane	244	2,679	2,399	119	11	5,452	210	775	9,539
Isobutane	300	2,614	1,465	53	101	4,533	185	306	7,151
Natural Gasoline	10	3,971	888	4	-	4,873	183	24	6,629
Other Liquids	12,976	-50,538	-29,365	6,990	-42	-59,979	1,347	12,989	56,333
Hydrogen/Biofuels/Other Hydrocarbons	2,282	3,454	2,104	1,136	213	9,189	1,264	6,591	37,072
Hydrogen	29	2,428	1,541	90	40	4,128	234	1,240	6,882
Biofuels (Including Fuel Ethanol)	2,253	1,026	563	1,046	173	5,061	1,030	5,351	30,174
Fuel Ethanol	2,174	893	496	1,028	147	4,738	960	4,632	28,161
Biodiesel	79	80	39	18	13	229	32	379	1,463
Renewable Diesel Fuel	-	-	-	-	-	-	-	272	282
Other Biofuels ¹	-	53	28	-	13	94	38	68	268
Other Hydrocarbons	-	-	-	-	-	-	-	-	16
Unfinished Oils (net)	493	-9,327	6,332	-158	-1	-2,661	-160	388	-3,926
Naphthas and Lighter	448	-9,250	1	-26	30	-8,797	-94	-108	-8,268
Kerosene and Light Gas Oils	-37	-1,549	-1,496	-26	-20	-3,128	-9	-195	-4,598
Heavy Gas Oils	-10	-872	7,730	7	-11	6,844	-90	623	6,539
Residuum	92	2,344	97	-113	-	2,420	33	68	2,401
Motor Gasoline Blend.Comp. (MGBC)(net)	10,204	-44,665	-37,809	6,012	-254	-66,512	243	6,010	23,182
Reformulated - RBOB	6,011	-8,567	-1,463	8	-665	-4,676	660	2,548	18,240
Conventional	4,193	-36,098	-36,346	6,004	411	-61,836	-417	3,462	4,942
CBOB	3,871	-31,113	-33,950	6,017	383	-54,792	-496	1,988	1,399
GTAB	-	-	-	-	-	-	-	-	1,630
Other	322	-4,985	-2,396	-13	28	-7,044	79	1,474	1,913
Aviation Gasoline Blend. Comp. (net)	-3	-	8	-	-	5	-	-	5
Total Input	29,238	103,435	63,525	15,204	2,852	214,254	21,729	78,441	555,716

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, November 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	19,230	2,952	22,182	69,976	16,785	27,456	114,217
Hydrocarbon Gas Liquids	2,137	-	2,137	2,692	251	1,324	4,267
Natural Gas Liquids	2,137	-	2,137	2,692	251	1,324	4,267
Normal Butane	1,762	-	1,762	792	149	447	1,388
Isobutane	-	-	-	1,251	78	497	1,826
Natural Gasoline	375	-	375	649	24	380	1,053
Other Liquids	79,239	5,799	85,038	7,431	1,614	725	9,770
Hydrogen/Biofuels/Other Hydrocarbons	9,603	799	10,402	5,567	1,405	1,980	8,952
Hydrogen	75	12	87	784	246	287	1,317
Biofuels (Including Fuel Ethanol)	9,528	787	10,315	4,783	1,159	1,693	7,635
Fuel Ethanol	9,124	689	9,813	4,645	1,100	1,557	7,302
Biodiesel	398	98	496	138	59	85	282
Renewable Diesel Fuel	6	-	6	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	51	51
Other Hydrocarbons	-	-	-	-	-	-	-
Unfinished Oils (net)	751	-78	673	-282	-207	176	-313
Naphthas and Lighter	306	-18	288	415	-102	254	567
Kerosene and Light Gas Oils	226	-	226	68	-59	-35	-26
Heavy Gas Oils	89	-59	30	-395	-46	75	-366
Residuum	130	-1	129	-370	-	-118	-488
Motor Gasoline Blend.Comp. (MGBC)(net)	68,885	5,078	73,963	2,146	416	-1,431	1,131
Reformulated - RBOB	16,497	-	16,497	298	983	662	1,943
Conventional	52,388	5,078	57,466	1,848	-567	-2,093	-812
CBOB	45,251	5,061	50,312	2,451	-681	-1,938	-168
GTAB	1,074	-	1,074	-	-	-	-
Other	6,063	17	6,080	-603	114	-155	-644
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	100,606	8,751	109,357	80,099	18,650	29,505	128,254

See footnotes at end of table.

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, November 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	16,011	146,326	89,168	7,515	2,711	261,731	18,388	61,597	478,115
Hydrocarbon Gas Liquids	597	9,703	5,071	128	151	15,650	611	1,220	23,885
Natural Gas Liquids	597	9,703	5,071	128	151	15,650	611	1,220	23,885
Normal Butane	303	3,133	2,926	82	33	6,477	287	737	10,651
Isobutane	256	2,590	1,410	41	118	4,415	207	466	6,914
Natural Gasoline	38	3,980	735	5	-	4,758	117	17	6,320
Other Liquids	11,480	-51,213	-26,034	6,767	-320	-59,320	1,442	11,860	48,790
Hydrogen/Biofuels/Other Hydrocarbons	2,190	3,436	2,063	1,046	224	8,959	1,170	6,183	35,666
Hydrogen	46	2,425	1,559	47	43	4,120	212	1,231	6,967
Biofuels (Including Fuel Ethanol)	2,144	1,011	504	999	181	4,839	958	4,952	28,699
Fuel Ethanol	2,083	837	463	976	140	4,499	909	4,326	26,849
Biodiesel	61	66	34	23	17	201	28	343	1,350
Renewable Diesel Fuel	-	-	-	-	-	-	-	208	214
Other Biofuels ¹	-	108	7	-	24	139	21	75	286
Other Hydrocarbons	-	-	-	-	-	-	-	-	-
Unfinished Oils (net)	-95	-5,620	9,543	44	-62	3,810	-74	1,098	5,194
Naphthas and Lighter	318	-7,579	858	38	-12	-6,377	43	-103	-5,582
Kerosene and Light Gas Oils	-42	-2,029	320	-34	-34	-1,819	110	-711	-2,220
Heavy Gas Oils	-114	1,124	7,847	111	-16	8,952	-243	2,013	10,386
Residuum	-257	2,864	518	-71	-	3,054	16	-101	2,610
Motor Gasoline Blend.Comp. (MGBC)(net)	9,387	-49,029	-37,641	5,677	-482	-72,088	346	4,579	7,931
Reformulated - RBOB	6,144	-7,603	-2,022	6	-615	-4,090	1,265	2,412	18,027
Conventional	3,243	-41,426	-35,619	5,671	133	-67,998	-919	2,167	-10,096
CBOB	3,067	-34,061	-34,315	5,699	171	-59,439	-785	1,611	-8,469
GTAB	-	-	-	-	-	-	-	-	1,074
Other	176	-7,365	-1,304	-28	-38	-8,559	-134	556	-2,701
Aviation Gasoline Blend. Comp. (net)	-2	-	1	-	-	-1	-	-	-1
Total Input	28,088	104,816	68,205	14,410	2,542	218,061	20,441	74,677	550,790

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, December 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	21,044	2,992	24,036	77,688	16,795	27,991	122,474
Hydrocarbon Gas Liquids	2,099	-	2,099	2,960	218	1,372	4,550
Natural Gas Liquids	2,099	-	2,099	2,960	218	1,372	4,550
Normal Butane	1,651	-	1,651	916	117	516	1,549
Isobutane	131	-	131	1,532	85	513	2,130
Natural Gasoline	317	-	317	512	16	343	871
Other Liquids	77,281	5,608	82,889	3,585	1,616	-366	4,835
Hydrogen/Biofuels/Other Hydrocarbons	9,561	780	10,341	5,617	1,432	1,926	8,975
Hydrogen	81	13	94	833	317	291	1,441
Biofuels (Including Fuel Ethanol)	9,480	767	10,247	4,763	1,115	1,635	7,513
Fuel Ethanol	9,012	680	9,692	4,642	1,071	1,521	7,234
Biodiesel	465	87	552	121	44	72	237
Renewable Diesel Fuel	3	-	3	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	42	42
Other Hydrocarbons	-	-	-	21	-	-	21
Unfinished Oils (net)	1,674	-49	1,625	758	434	531	1,723
Naphthas and Lighter	156	-12	144	461	-7	297	751
Kerosene and Light Gas Oils	177	-	177	34	-108	19	-55
Heavy Gas Oils	714	-36	678	124	549	185	858
Residuum	627	-1	626	139	-	30	169
Motor Gasoline Blend.Comp. (MGBC)(net)	66,046	4,877	70,923	-2,790	-250	-2,823	-5,863
Reformulated - RBOB	13,087	-	13,087	549	1,073	620	2,242
Conventional	52,959	4,877	57,836	-3,339	-1,323	-3,443	-8,105
CBOB	46,014	4,870	50,884	-2,054	-1,452	-3,524	-7,030
GTAB	1,274	-	1,274	-	-	-	-
Other	5,671	7	5,678	-1,285	129	81	-1,075
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	100,424	8,600	109,024	84,233	18,629	28,997	131,859

See footnotes at end of table.

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, December 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	19,844	156,412	93,452	8,072	2,579	280,359	17,848	66,840	511,557
Hydrocarbon Gas Liquids	665	9,850	5,032	129	148	15,824	710	1,518	24,701
Natural Gas Liquids	665	9,850	5,032	129	148	15,824	710	1,518	24,701
Normal Butane	330	3,188	2,817	86	35	6,456	366	962	10,984
Isobutane	308	2,540	1,550	37	113	4,548	205	539	7,553
Natural Gasoline	27	4,122	665	6	-	4,820	139	17	6,164
Other Liquids	9,027	-50,539	-27,207	6,439	-251	-62,531	1,490	8,884	35,567
Hydrogen/Biofuels/Other Hydrocarbons	2,212	3,394	2,242	1,053	215	9,116	1,126	6,291	35,849
Hydrogen	105	2,420	1,697	63	39	4,324	206	1,367	7,432
Biofuels (Including Fuel Ethanol)	2,107	974	545	990	176	4,792	920	4,924	28,396
Fuel Ethanol	2,030	801	496	974	140	4,441	885	4,388	26,640
Biodiesel	77	56	43	16	7	199	14	275	1,277
Renewable Diesel Fuel	-	-	-	-	-	-	-	202	205
Other Biofuels ¹	-	117	6	-	29	152	21	59	274
Other Hydrocarbons	-	-	-	-	-	-	-	-	21
Unfinished Oils (net)	66	-4,579	9,558	-112	-140	4,793	-43	1,181	9,279
Naphthas and Lighter	175	-7,895	152	-63	5	-7,626	-47	241	-6,537
Kerosene and Light Gas Oils	-27	-1,819	664	-16	-84	-1,282	-21	-285	-1,466
Heavy Gas Oils	-83	2,112	7,090	59	-61	9,117	78	928	11,659
Residuum	1	3,023	1,652	-92	-	4,584	-53	297	5,623
Motor Gasoline Blend.Comp. (MGBC)(net)	6,744	-49,354	-39,009	5,498	-326	-76,447	407	1,412	-9,568
Reformulated - RBOB	5,032	-8,035	-2,225	8	-599	-5,819	1,801	1,079	12,390
Conventional	1,712	-41,319	-36,784	5,490	273	-70,628	-1,394	333	-21,958
CBOB	1,851	-34,992	-34,651	5,503	222	-62,067	-1,481	1,220	-18,474
GTAB	-	-	-	-	-	-	-	-	1,274
Other	-139	-6,327	-2,133	-13	51	-8,561	87	-887	-4,758
Aviation Gasoline Blend. Comp. (net)	5	-	2	-	-	7	-	-	7
Total Input	29,536	115,723	71,277	14,640	2,476	233,652	20,048	77,242	571,825

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, January 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	481	-16	465	932	-193	314	1,053
Natural Gas Liquids	181	-16	165	141	-307	130	-36
Ethane	-	-	-	-	-	-	-
Propane	475	29	504	1,435	298	511	2,244
Normal Butane	-268	-28	-296	-1,169	-578	-381	-2,128
Isobutane	-26	-17	-43	-125	-27	0	-152
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	300	-	300	791	114	184	1,089
Ethylene	11	-	11	-	-	-	-
Propylene	264	-	264	784	114	184	1,082
Butylene	1	-	1	7	-	-	7
Isobutylene	24	-	24	-	-	-	-
Finished Motor Gasoline	85,384	6,343	91,727	43,386	9,803	15,595	68,784
Reformulated	33,385	44	33,429	7,427	1,434	873	9,734
Reformulated Blended with Fuel Ethanol	33,384	44	33,428	7,427	1,434	873	9,734
Reformulated Other	1	-	1	-	-	-	-
Conventional	51,999	6,299	58,298	35,959	8,369	14,722	59,050
Conventional Blended with Fuel Ethanol	52,731	6,295	59,026	35,198	8,339	13,193	56,730
Ed55 and Lower	52,662	6,295	58,957	35,176	8,295	13,049	56,520
Greater than Ed55	69	-	69	22	44	144	210
Conventional Other	-732	4	-728	761	30	1,529	2,320
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	3,176	-	3,176	5,397	795	1,115	7,307
Kerosene	30	2	32	137	-	73	210
Distillate Fuel Oil	6,372	786	7,158	19,438	5,799	9,878	35,115
15 ppm sulfur and under	6,246	786	7,032	19,351	5,873	9,950	35,174
Greater than 15 ppm to 500 ppm sulfur	73	-	73	-	-	132	132
Greater than 500 ppm sulfur	53	0	53	87	-74	-204	-191
Residual Fuel Oil	888	12	900	616	151	128	895
Less than 0.31 percent sulfur	-28	11	-17	22	-	-	22
0.31 to 1.00 percent sulfur	666	1	667	343	72	36	451
Greater than 1.00 percent sulfur	250	-	250	251	79	92	422
Petrochemical Feedstocks	-	12	12	800	-	-	800
Naphtha for Petro. Feed. Use	-	-	-	401	-	-	401
Other Oils for Petro. Feed. Use	-	12	12	399	-	-	399
Special Naphthas	-	-5	-5	-29	-	14	-15
Lubricants	206	166	372	-	-	182	182
Waxes	-	-28	-28	-	-	40	40
Petroleum Coke	660	20	680	3,707	977	849	5,533
Marketable	252	-	252	2,763	821	619	4,203
Catalyst	408	20	428	944	156	230	1,330
Asphalt and Road Oil	370	676	1,046	3,389	1,376	200	4,965
Still Gas	786	52	838	2,433	641	1,009	4,083
Miscellaneous Products	44	39	83	322	123	40	485
Total	98,397	8,059	106,456	80,528	19,472	29,437	129,437
Processing Gain(-) or Loss(+)	-1,077	-4	-1,081	-4,449	-1,355	-988	-6,792

See footnotes at end of table.

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, January 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	200	4,922	4,504	-43	-21	9,562	-11	-171	10,898
Natural Gas Liquids	-63	2,160	1,913	-57	-21	3,932	21	-335	3,747
Ethane	6	69	31	-	-	106	-	-	106
Propane	306	2,296	1,899	13	26	4,540	167	791	8,246
Normal Butane	-367	-14	-78	-70	-47	-576	-137	-1,168	-4,305
Isobutane	-8	-191	61	-	-	-138	-9	42	-300
Natural Gasoline	-	-	-	-	-	-	-	-	-
Refinery Olefins	263	2,762	2,591	14	-	5,630	-32	164	7,151
Ethylene	-	3	-	-	-	3	-	-	14
Propylene	264	2,939	2,497	14	-	5,714	-9	178	7,229
Butylene	-1	-180	94	-	-	-87	-23	-14	-116
Isobutylene	-	-	-	-	-	-	-	-	24
Finished Motor Gasoline	19,715	23,280	11,575	8,588	1,407	64,565	9,640	42,765	277,481
Reformulated	6,868	6,553	-	-	-	13,421	-	29,372	85,956
Reformulated Blended with Fuel Ethanol	6,864	6,551	-	-	-	13,415	-	29,372	85,949
Reformulated Other	4	2	-	-	-	6	-	-	7
Conventional	12,847	16,727	11,575	8,588	1,407	51,144	9,640	13,393	191,525
Conventional Blended with Fuel Ethanol	12,489	1,432	4,568	8,989	1,367	28,845	7,854	13,078	165,533
Ed55 and Lower	12,478	1,431	4,568	8,969	1,366	28,812	7,826	13,070	165,185
Greater than Ed55	11	1	-	20	1	33	28	8	348
Conventional Other	358	15,295	7,007	-401	40	22,299	1,786	315	25,992
Finished Aviation Gasoline	47	57	98	-	-	202	3	-	205
Kerosene-Type Jet Fuel	1,573	14,936	10,038	123	0	26,670	635	12,528	50,316
Kerosene	2	182	1	32	-	217	-	2	461
Distillate Fuel Oil	5,633	42,091	33,479	2,504	656	84,363	5,304	13,831	145,771
15 ppm sulfur and under	5,631	41,624	29,289	2,468	656	79,668	5,212	13,169	140,255
Greater than 15 ppm to 500 ppm sulfur	2	217	2,021	87	-	2,327	81	258	2,871
Greater than 500 ppm sulfur	-	250	2,169	-51	-	2,368	11	404	2,645
Residual Fuel Oil	286	2,297	1,200	19	-28	3,774	295	2,242	8,106
Less than 0.31 percent sulfur	304	-	825	-	-	1,129	175	40	1,349
0.31 to 1.00 percent sulfur	8	658	416	19	-	1,101	12	571	2,802
Greater than 1.00 percent sulfur	-26	1,639	-41	-	-28	1,544	108	1,631	3,955
Petrochemical Feedstocks	98	3,618	2,165	-	37	5,918	56	-	6,786
Naphtha for Petro. Feed. Use	94	2,385	1,443	-	-	3,922	-	-	4,323
Other Oils for Petro. Feed. Use	4	1,233	722	-	37	1,996	56	-	2,463
Special Naphthas	54	625	-	206	-	885	-	33	898
Lubricants	23	1,708	1,417	716	-	3,864	-	458	4,876
Waxes	-	40	42	13	-	95	-	-	107
Petroleum Coke	345	7,872	5,443	170	19	13,849	719	3,585	24,366
Marketable	132	6,316	4,401	155	-	11,004	536	2,679	18,674
Catalyst	213	1,556	1,042	15	19	2,845	183	906	5,692
Asphalt and Road Oil	176	178	632	1,016	56	2,058	709	671	9,449
Still Gas	694	5,762	3,507	269	71	10,303	627	3,487	19,338
Miscellaneous Products	156	887	470	17	2	1,532	53	395	2,548
Total	29,002	108,455	74,571	13,630	2,199	227,857	18,030	79,826	561,606
Processing Gain(-) or Loss(+)	-817	-10,083	-7,467	-174	-39	-18,580	-787	-4,735	-31,975

- = No Data Reported.

Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, February 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	223	-16	207	859	-135	335	1,059
Natural Gas Liquids	187	-16	171	168	-234	197	131
Ethane	-	-	-	-	-	-	-
Propane	322	19	341	1,373	267	468	2,108
Normal Butane	-134	-18	-152	-1,056	-462	-252	-1,770
Isobutane	-1	-17	-18	-149	-39	-19	-207
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	36	-	36	691	99	138	928
Ethylene	-	-	-	-	-	-	-
Propylene	37	-	37	692	99	138	929
Butylene	-1	-	-1	-1	-	-	-1
Isobutylene	-	-	-	-	-	-	-
Finished Motor Gasoline	81,158	6,102	87,260	41,776	9,156	14,320	65,252
Reformulated	31,847	49	31,896	7,191	1,355	773	9,319
Reformulated Blended with Fuel Ethanol	31,847	49	31,896	7,191	1,355	773	9,319
Reformulated Other	-	-	-	-	-	-	-
Conventional	49,311	6,053	55,364	34,585	7,801	13,547	55,933
Conventional Blended with Fuel Ethanol	50,261	6,054	56,315	33,924	7,833	12,599	54,356
Ed55 and Lower	50,188	6,054	56,242	33,905	7,794	12,460	54,159
Greater than Ed55	73	-	73	19	39	139	197
Conventional Other	-950	-1	-951	661	-32	948	1,577
Finished Aviation Gasoline	-	-	-	-	18	-	18
Kerosene-Type Jet Fuel	2,487	-	2,487	4,689	805	916	6,410
Kerosene	142	6	148	94	-	9	103
Distillate Fuel Oil	5,167	819	5,986	18,451	4,973	9,338	32,762
15 ppm sulfur and under	5,207	817	6,024	18,581	4,976	9,389	32,946
Greater than 15 ppm to 500 ppm sulfur	-16	-	-16	-	-	30	30
Greater than 500 ppm sulfur	-24	2	-22	-130	-3	-81	-214
Residual Fuel Oil	739	8	747	624	133	136	893
Less than 0.31 percent sulfur	-16	7	-9	115	-	-	115
0.31 to 1.00 percent sulfur	555	1	556	266	69	40	375
Greater than 1.00 percent sulfur	200	-	200	243	64	96	403
Petrochemical Feedstocks	-	12	12	658	-	-	658
Naphtha for Petro. Feed. Use	-	-	-	307	-	-	307
Other Oils for Petro. Feed. Use	-	12	12	351	-	-	351
Special Naphthas	-	-3	-3	-19	-	18	-1
Lubricants	194	193	387	-	-	203	203
Waxes	-	-14	-14	-	-	38	38
Petroleum Coke	418	19	437	3,499	860	798	5,157
Marketable	212	-	212	2,657	712	579	3,948
Catalyst	206	19	225	842	148	219	1,209
Asphalt and Road Oil	345	610	955	2,990	1,176	306	4,472
Still Gas	580	42	622	2,357	592	990	3,939
Miscellaneous Products	42	15	57	293	158	45	496
Total	91,495	7,793	99,288	76,271	17,736	27,452	121,459
Processing Gain(-) or Loss(+)	-485	13	-472	-3,666	-968	-1,026	-5,660

See footnotes at end of table.

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, February 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	370	4,742	4,137	-19	7	9,237	113	851	11,467
Natural Gas Liquids	113	2,165	1,976	-44	7	4,217	88	721	5,328
Ethane	3	94	30	-	-	127	-	-	127
Propane	257	2,125	1,824	13	24	4,243	156	687	7,535
Normal Butane	-149	298	29	-57	-17	104	-20	7	-1,831
Isobutane	2	-352	93	-	-	-257	-48	27	-503
Natural Gasoline	-	-	-	-	-	-	-	-	-
Refinery Olefins	257	2,577	2,161	25	-	5,020	25	130	6,139
Ethylene	-	-	-	-	-	-	-	-	-
Propylene	258	2,908	2,030	25	-	5,221	3	142	6,332
Butylene	-1	-331	131	-	-	-201	22	-12	-193
Isobutylene	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	18,576	22,438	9,644	8,204	1,311	60,173	8,650	39,530	260,865
Reformulated	6,487	6,342	-	-	-	12,829	-	27,932	81,976
Reformulated Blended with Fuel Ethanol	6,486	6,342	-	-	-	12,828	-	27,932	81,975
Reformulated Other	1	-	-	-	-	1	-	-	1
Conventional	12,089	16,096	9,644	8,204	1,311	47,344	8,650	11,598	178,889
Conventional Blended with Fuel Ethanol	11,845	1,436	4,349	8,623	1,266	27,519	7,263	12,301	157,754
Ed55 and Lower	11,835	1,435	4,349	8,608	1,265	27,492	7,236	12,295	157,424
Greater than Ed55	10	1	-	15	1	27	27	6	330
Conventional Other	244	14,660	5,295	-419	45	19,825	1,387	-703	21,135
Finished Aviation Gasoline	37	119	149	-	-	305	3	1	327
Kerosene-Type Jet Fuel	1,269	12,326	9,207	64	0	22,866	780	11,296	43,839
Kerosene	-1	153	1	19	-	172	-	4	427
Distillate Fuel Oil	5,297	38,047	28,653	2,406	823	75,226	4,953	12,587	131,514
15 ppm sulfur and under	5,295	36,838	24,040	2,416	823	69,412	4,963	11,785	125,130
Greater than 15 ppm to 500 ppm sulfur	2	198	1,973	70	-	2,243	-7	274	2,524
Greater than 500 ppm sulfur	-	1,011	2,640	-80	-	3,571	-3	528	3,860
Residual Fuel Oil	273	2,123	1,268	-2	5	3,667	333	2,086	7,726
Less than 0.31 percent sulfur	240	-	762	-	-	1,002	155	55	1,318
0.31 to 1.00 percent sulfur	25	519	461	-2	-	1,003	25	626	2,585
Greater than 1.00 percent sulfur	8	1,604	45	-	5	1,662	153	1,405	3,823
Petrochemical Feedstocks	104	3,209	1,496	-	47	4,856	55	-	5,581
Naphtha for Petro. Feed. Use	96	1,680	890	-	-	2,666	-	-	2,973
Other Oils for Petro. Feed. Use	8	1,529	606	-	47	2,190	55	-	2,608
Special Naphthas	59	532	-	212	-	803	-	-	799
Lubricants	4	1,515	816	626	-	2,961	-	445	3,996
Waxes	-	44	56	15	-	115	-	-	139
Petroleum Coke	348	6,935	4,605	165	18	12,071	675	3,312	21,652
Marketable	151	5,415	3,690	150	-	9,406	463	2,612	16,641
Catalyst	197	1,520	915	15	18	2,665	212	700	5,011
Asphalt and Road Oil	137	305	676	831	13	1,962	675	662	8,726
Still Gas	729	4,953	2,947	323	65	9,017	565	2,976	17,119
Miscellaneous Products	115	868	402	16	7	1,408	50	350	2,361
Total	27,317	98,309	64,057	12,860	2,296	204,839	16,852	74,100	516,538
Processing Gain(-) or Loss(+)	-838	-8,309	-6,316	-171	-69	-15,703	-675	-4,226	-26,736

- = No Data Reported.

Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, March 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	231	14	245	2,428	220	682	3,330
Natural Gas Liquids	178	14	192	1,542	104	510	2,156
Ethane	-	-	-	-	-	-	-
Propane	330	30	360	1,659	308	459	2,426
Normal Butane	-150	-2	-152	21	-147	76	-50
Isobutane	-2	-14	-16	-138	-57	-25	-220
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	53	-	53	886	116	172	1,174
Ethylene	-	-	-	-	-	-	-
Propylene	55	-	55	851	116	173	1,140
Butylene	-2	-	-2	35	-	-1	34
Isobutylene	-	-	-	-	-	-	-
Finished Motor Gasoline	92,989	6,889	99,878	48,310	9,865	16,272	74,447
Reformulated	35,886	42	35,928	8,005	1,472	878	10,355
Reformulated Blended with Fuel Ethanol	35,885	42	35,927	8,005	1,471	878	10,354
Reformulated Other	1	-	1	-	1	-	1
Conventional	57,103	6,847	63,950	40,305	8,393	15,394	64,092
Conventional Blended with Fuel Ethanol	57,961	6,869	64,830	38,234	8,497	14,350	61,081
Ed55 and Lower	57,878	6,869	64,747	38,213	8,451	14,204	60,868
Greater than Ed55	83	-	83	21	46	146	213
Conventional Other	-858	-22	-880	2,071	-104	1,044	3,011
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	2,609	-	2,609	6,308	914	1,115	8,337
Kerosene	-11	-	-11	27	-	-4	23
Distillate Fuel Oil	4,935	930	5,865	20,259	5,387	8,599	34,245
15 ppm sulfur and under	4,937	929	5,866	20,212	5,347	8,520	34,079
Greater than 15 ppm to 500 ppm sulfur	10	-	10	-	-	182	182
Greater than 500 ppm sulfur	-12	1	-11	47	40	-103	-16
Residual Fuel Oil	750	8	758	673	164	138	975
Less than 0.31 percent sulfur	-30	7	-23	35	-	-	35
0.31 to 1.00 percent sulfur	673	1	674	245	83	43	371
Greater than 1.00 percent sulfur	107	-	107	393	81	95	569
Petrochemical Feedstocks	-	16	16	906	-	-	906
Naphtha for Petro. Feed. Use	-	-	-	529	-	-	529
Other Oils for Petro. Feed. Use	-	16	16	377	-	-	377
Special Naphthas	-	3	3	-16	-	13	-3
Lubricants	67	206	273	-	-	212	212
Waxes	-	-2	-2	-	-	43	43
Petroleum Coke	485	21	506	3,797	932	732	5,461
Marketable	254	-	254	2,789	768	506	4,063
Catalyst	231	21	252	1,008	164	226	1,398
Asphalt and Road Oil	403	717	1,120	3,463	1,179	333	4,975
Still Gas	658	50	708	2,546	638	939	4,123
Miscellaneous Products	38	8	46	326	125	37	488
Total	103,154	8,860	112,014	89,027	19,424	29,111	137,562
Processing Gain(-) or Loss(+)	-689	41	-648	-4,169	-1,310	-1,018	-6,497

See footnotes at end of table.

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, March 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	696	7,823	5,071	69	17	13,676	313	2,061	19,625
Natural Gas Liquids	364	4,366	2,931	47	17	7,725	194	1,908	12,175
Ethane	5	228	32	—	—	265	—	—	265
Propane	263	2,498	1,947	15	10	4,733	195	919	8,633
Normal Butane	113	1,961	837	32	7	2,950	-8	711	3,451
Isobutane	-17	-321	115	—	—	-223	7	278	-174
Natural Gasoline	—	—	—	—	—	—	—	—	—
Refinery Olefins	332	3,457	2,140	22	—	5,951	119	153	7,450
Ethylene	—	1	—	—	—	1	—	—	1
Propylene	369	3,632	2,224	22	—	6,247	51	170	7,663
Butylene	-37	-176	-84	—	—	-297	68	-17	-214
Isobutylene	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	21,780	26,728	10,238	9,479	1,351	69,576	10,094	43,832	297,827
Reformulated	7,514	7,202	—	—	—	14,716	—	30,746	91,745
Reformulated Blended with Fuel Ethanol	7,511	7,202	—	—	—	14,713	—	30,746	91,740
Reformulated Other	3	—	—	—	—	3	—	—	5
Conventional	14,266	19,526	10,238	9,479	1,351	54,860	10,094	13,086	206,082
Conventional Blended with Fuel Ethanol	13,893	1,668	5,119	9,983	1,383	32,046	8,542	13,872	180,371
Ed55 and Lower	13,883	1,667	5,119	9,967	1,382	32,018	8,516	13,862	180,011
Greater than Ed55	10	1	—	16	1	28	26	10	360
Conventional Other	373	17,858	5,119	-504	-32	22,814	1,552	-786	25,711
Finished Aviation Gasoline	48	-4	88	—	—	132	6	10	148
Kerosene-Type Jet Fuel	1,482	15,119	10,340	137	0	27,078	1,071	12,964	52,059
Kerosene	-1	146	—	6	—	151	—	2	165
Distillate Fuel Oil	6,004	41,071	34,638	2,836	555	85,104	5,734	14,208	145,156
15 ppm sulfur and under	5,978	39,747	29,878	2,679	555	78,837	5,721	13,332	137,835
Greater than 15 ppm to 500 ppm sulfur	26	291	2,667	88	—	3,072	17	459	3,740
Greater than 500 ppm sulfur	—	1,033	2,093	69	—	3,195	-4	417	3,581
Residual Fuel Oil	292	2,343	1,700	-33	44	4,346	320	2,163	8,562
Less than 0.31 percent sulfur	249	—	865	—	—	1,114	163	53	1,342
0.31 to 1.00 percent sulfur	-2	733	422	-33	—	1,120	34	614	2,813
Greater than 1.00 percent sulfur	45	1,610	413	—	44	2,112	123	1,496	4,407
Petrochemical Feedstocks	19	3,831	2,526	—	21	6,397	62	38	7,419
Naphtha for Petro. Feed. Use	16	2,234	1,538	—	—	3,788	—	—	4,317
Other Oils for Petro. Feed. Use	3	1,597	988	—	21	2,609	62	38	3,102
Special Naphthas	29	643	—	249	—	921	—	28	949
Lubricants	-4	1,575	804	787	—	3,162	—	294	3,941
Waxes	—	34	58	23	—	115	—	—	156
Petroleum Coke	423	7,783	5,048	184	10	13,448	686	3,877	23,978
Marketable	188	5,921	4,073	168	—	10,350	501	3,084	18,252
Catalyst	235	1,862	975	16	10	3,098	185	793	5,726
Asphalt and Road Oil	217	401	505	1,034	72	2,229	868	680	9,872
Still Gas	756	5,645	3,550	266	71	10,288	650	3,739	19,508
Miscellaneous Products	116	879	485	18	6	1,504	41	390	2,469
Total	31,857	114,017	75,051	15,055	2,147	238,127	19,845	84,286	591,834
Processing Gain(-) or Loss(+)	-721	-8,974	-6,264	-46	-37	-16,042	-860	-4,609	-28,656

— = No Data Reported.

Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, April 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	865	79	944	4,258	378	704	5,340
Natural Gas Liquids	591	79	670	3,267	236	525	4,028
Ethane	-	-	-	-	-	-	-
Propane	394	22	416	1,575	230	426	2,231
Normal Butane	225	66	291	1,813	61	120	1,994
Isobutane	-28	-9	-37	-121	-55	-21	-197
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	274	-	274	991	142	179	1,312
Ethylene	-	-	-	-	-	-	-
Propylene	274	-	274	867	142	179	1,188
Butylene	-	-	-	124	-	-	124
Isobutylene	-	-	-	-	-	-	-
Finished Motor Gasoline	90,195	6,700	96,895	48,110	9,410	16,193	73,713
Reformulated	35,040	54	35,094	7,656	1,394	917	9,967
Reformulated Blended with Fuel Ethanol	35,038	54	35,092	7,656	1,393	917	9,966
Reformulated Other	2	-	2	-	1	-	1
Conventional	55,155	6,646	61,801	40,454	8,016	15,276	63,746
Conventional Blended with Fuel Ethanol	55,684	6,662	62,346	38,229	8,255	14,076	60,560
Ed55 and Lower	55,601	6,662	62,263	38,207	8,215	13,923	60,345
Greater than Ed55	83	-	83	22	40	153	215
Conventional Other	-529	-16	-545	2,225	-239	1,200	3,186
Finished Aviation Gasoline	-	-	-	-	22	-	22
Kerosene-Type Jet Fuel	3,112	-	3,112	6,862	903	1,030	8,795
Kerosene	-83	-	-83	-5	-	7	2
Distillate Fuel Oil	6,716	847	7,563	17,545	4,069	8,556	30,170
15 ppm sulfur and under	6,693	843	7,536	17,485	3,957	8,644	30,086
Greater than 15 ppm to 500 ppm sulfur	32	-	32	-	-	8	8
Greater than 500 ppm sulfur	-9	4	-5	60	112	-96	76
Residual Fuel Oil	728	7	735	689	159	105	953
Less than 0.31 percent sulfur	-7	6	-1	57	-	-	57
0.31 to 1.00 percent sulfur	408	1	409	270	75	10	355
Greater than 1.00 percent sulfur	327	-	327	362	84	95	541
Petrochemical Feedstocks	-	10	10	882	-	-	882
Naphtha for Petro. Feed. Use	-	-	-	531	-	-	531
Other Oils for Petro. Feed. Use	-	10	10	351	-	-	351
Special Naphthas	-	11	11	-39	-	9	-30
Lubricants	146	195	341	-	-	223	223
Waxes	-	4	4	-	-	33	33
Petroleum Coke	408	18	426	3,844	1,062	705	5,611
Marketable	57	-	57	2,862	909	516	4,287
Catalyst	351	18	369	982	153	189	1,324
Asphalt and Road Oil	551	672	1,223	2,755	1,272	359	4,386
Still Gas	840	57	897	2,704	528	922	4,154
Miscellaneous Products	16	18	34	312	91	37	440
Total	103,494	8,618	112,112	87,917	17,894	28,883	134,694
Processing Gain(-) or Loss(+)	-1,089	58	-1,031	-4,420	-1,253	-975	-6,648

See footnotes at end of table.

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, April 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	882	8,586	5,684	81	19	15,252	457	2,205	24,198
Natural Gas Liquids	520	5,347	3,161	67	19	9,114	291	2,051	16,154
Ethane	3	122	31	—	—	156	—	—	156
Propane	261	2,417	2,072	11	18	4,779	199	955	8,580
Normal Butane	293	3,165	950	56	1	4,465	143	1,007	7,900
Isobutane	-37	-357	108	—	—	-286	-51	89	-482
Natural Gasoline	—	—	—	—	—	—	—	—	—
Refinery Olefins	362	3,239	2,523	14	—	6,138	166	154	8,044
Ethylene	—	4	—	—	—	4	—	—	4
Propylene	364	3,420	2,348	14	—	6,146	33	187	7,828
Butylene	-2	-185	175	—	—	-12	133	-33	212
Isobutylene	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	21,223	24,860	9,590	9,145	1,287	66,105	9,885	43,912	290,510
Reformulated	7,424	6,862	—	—	—	14,286	—	30,704	90,051
Reformulated Blended with Fuel Ethanol	7,421	6,860	—	—	—	14,281	—	30,704	90,043
Reformulated Other	3	2	—	—	—	5	—	—	8
Conventional	13,799	17,998	9,590	9,145	1,287	51,819	9,885	13,208	200,459
Conventional Blended with Fuel Ethanol	13,549	1,504	4,760	9,600	1,330	30,743	8,581	13,578	175,808
Ed55 and Lower	13,537	1,503	4,760	9,583	1,329	30,712	8,556	13,565	175,441
Greater than Ed55	12	1	—	17	1	31	25	13	367
Conventional Other	250	16,494	4,830	-455	-43	21,076	1,304	-370	24,651
Finished Aviation Gasoline	56	139	49	—	—	244	3	-11	258
Kerosene-Type Jet Fuel	1,228	14,161	10,236	105	0	25,730	946	12,465	51,048
Kerosene	0	176	1	4	—	181	—	-2	98
Distillate Fuel Oil	5,676	42,768	35,316	2,046	355	86,161	5,172	13,231	142,297
15 ppm sulfur and under	5,613	40,578	31,797	2,012	355	80,355	5,189	12,688	135,854
Greater than 15 ppm to 500 ppm sulfur	63	1,268	2,277	83	—	3,691	8	166	3,905
Greater than 500 ppm sulfur	—	922	1,242	-49	—	2,115	-25	377	2,538
Residual Fuel Oil	201	2,776	1,931	-22	-13	4,873	308	1,750	8,619
Less than 0.31 percent sulfur	249	—	880	—	—	1,129	127	41	1,353
0.31 to 1.00 percent sulfur	4	607	459	-22	—	1,048	24	697	2,533
Greater than 1.00 percent sulfur	-52	2,169	592	—	-13	2,696	157	1,012	4,733
Petrochemical Feedstocks	42	3,589	2,809	19	46	6,505	43	140	7,580
Naphtha for Petro. Feed. Use	30	1,887	1,441	19	—	3,377	—	—	3,908
Other Oils for Petro. Feed. Use	12	1,702	1,368	—	46	3,128	43	140	3,672
Special Naphthas	39	574	—	215	—	828	—	36	845
Lubricants	23	1,675	1,146	828	—	3,672	—	411	4,647
Waxes	—	37	61	12	—	110	—	—	147
Petroleum Coke	470	7,549	5,271	136	18	13,444	649	3,799	23,929
Marketable	236	5,819	4,221	123	—	10,399	444	2,958	18,145
Catalyst	234	1,730	1,050	13	18	3,045	205	841	5,784
Asphalt and Road Oil	203	539	640	548	4	1,934	737	789	9,069
Still Gas	670	5,927	3,565	249	50	10,461	601	3,237	19,350
Miscellaneous Products	141	884	486	11	4	1,526	52	396	2,448
Total	30,854	114,240	76,785	13,377	1,770	237,026	18,853	82,358	585,043
Processing Gain(-) or Loss(+)	-583	-8,537	-6,753	-100	-96	-16,069	-708	-5,803	-30,259

— = No Data Reported.

Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, May 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	971	94	1,065	4,260	613	845	5,718
Natural Gas Liquids	720	94	814	3,109	491	595	4,195
Ethane	-	-	-	-	-	-	-
Propane	409	28	437	1,534	265	493	2,292
Normal Butane	370	83	453	1,790	285	161	2,236
Isobutane	-59	-17	-76	-215	-59	-59	-333
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	251	-	251	1,151	122	250	1,523
Ethylene	8	-	8	-	-	-	-
Propylene	271	-	271	828	122	229	1,179
Butylene	-28	-	-28	323	-	21	344
Isobutylene	-	-	-	-	-	-	-
Finished Motor Gasoline	94,817	7,323	102,140	51,296	11,047	17,062	79,405
Reformulated	37,074	69	37,143	8,243	1,507	990	10,740
Reformulated Blended with Fuel Ethanol	37,069	69	37,138	8,243	1,506	990	10,739
Reformulated Other	5	-	5	-	1	-	1
Conventional	57,743	7,254	64,997	43,053	9,540	16,072	68,665
Conventional Blended with Fuel Ethanol	58,590	7,244	65,834	40,641	9,619	14,877	65,137
Ed55 and Lower	58,509	7,244	65,753	40,615	9,568	14,716	64,899
Greater than Ed55	81	-	81	26	51	161	238
Conventional Other	-847	10	-837	2,412	-79	1,195	3,528
Finished Aviation Gasoline	-	-	-	-	26	-	26
Kerosene-Type Jet Fuel	2,550	-	2,550	6,964	915	1,071	8,950
Kerosene	282	-	282	44	-	14	58
Distillate Fuel Oil	6,368	807	7,175	20,790	4,768	8,894	34,452
15 ppm sulfur and under	6,406	805	7,211	20,776	4,593	8,777	34,146
Greater than 15 ppm to 500 ppm sulfur	14	-	14	-	-	224	224
Greater than 500 ppm sulfur	-52	2	-50	14	175	-107	82
Residual Fuel Oil	673	5	678	756	171	109	1,036
Less than 0.31 percent sulfur	-	4	4	63	-	-	63
0.31 to 1.00 percent sulfur	396	1	397	283	105	16	404
Greater than 1.00 percent sulfur	277	-	277	410	66	93	569
Petrochemical Feedstocks	-	11	11	872	-	-	872
Naphtha for Petro. Feed. Use	-	-	-	519	-	-	519
Other Oils for Petro. Feed. Use	-	11	11	353	-	-	353
Special Naphthas	-	16	16	-44	-	14	-30
Lubricants	191	147	338	-	-	228	228
Waxes	-	-2	-2	-	-	46	46
Petroleum Coke	386	21	407	3,830	265	841	4,936
Marketable	13	-	13	2,770	104	618	3,492
Catalyst	373	21	394	1,060	161	223	1,444
Asphalt and Road Oil	498	729	1,227	3,226	1,674	348	5,248
Still Gas	813	67	880	2,876	571	1,028	4,475
Miscellaneous Products	28	27	55	323	105	49	477
Total	107,577	9,245	116,822	95,193	20,155	30,549	145,897
Processing Gain(-) or Loss(+)	-1,020	52	-968	-3,891	-625	-927	-5,443

See footnotes at end of table.

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, May 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	967	10,125	5,367	75	41	16,575	459	2,317	26,134
Natural Gas Liquids	636	6,423	3,010	46	41	10,156	316	2,200	17,681
Ethane	4	84	28	—	—	116	—	—	116
Propane	304	2,585	2,131	9	26	5,055	180	957	8,921
Normal Butane	347	3,671	784	37	15	4,854	153	1,169	8,865
Isobutane	-19	83	67	—	—	131	-17	74	-221
Natural Gasoline	—	—	—	—	—	—	—	—	—
Refinery Olefins	331	3,702	2,357	29	—	6,419	143	117	8,453
Ethylene	—	—	—	—	—	—	—	—	8
Propylene	336	3,548	2,392	29	—	6,305	24	166	7,945
Butylene	-5	154	-35	—	—	114	119	-49	500
Isobutylene	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	21,714	24,580	10,562	9,753	1,497	68,106	10,281	46,250	306,182
Reformulated	7,767	7,091	—	—	—	14,858	—	32,052	94,793
Reformulated Blended with Fuel Ethanol	7,765	7,089	—	—	—	14,854	—	32,052	94,783
Reformulated Other	2	2	—	—	—	4	—	—	10
Conventional	13,947	17,489	10,562	9,753	1,497	53,248	10,281	14,198	211,389
Conventional Blended with Fuel Ethanol	13,597	2,154	5,081	10,249	1,446	32,527	9,143	14,528	187,169
Ed55 and Lower	13,585	2,153	5,081	10,229	1,445	32,493	9,115	14,518	186,778
Greater than Ed55	12	1	—	20	1	34	28	10	391
Conventional Other	350	15,335	5,481	-496	51	20,721	1,138	-330	24,220
Finished Aviation Gasoline	42	113	107	—	—	262	7	8	303
Kerosene-Type Jet Fuel	1,390	15,070	10,709	148	1	27,318	972	12,616	52,406
Kerosene	-2	241	0	7	—	246	—	0	586
Distillate Fuel Oil	5,656	47,107	35,515	2,680	917	91,875	5,286	14,603	153,391
15 ppm sulfur and under	5,727	44,971	32,446	2,600	917	86,661	5,262	13,640	146,920
Greater than 15 ppm to 500 ppm sulfur	-71	1,636	2,374	66	—	4,005	24	505	4,772
Greater than 500 ppm sulfur	—	500	695	14	—	1,209	0	458	1,699
Residual Fuel Oil	236	2,440	1,540	-28	-9	4,179	312	2,406	8,611
Less than 0.31 percent sulfur	245	—	696	—	—	941	165	52	1,225
0.31 to 1.00 percent sulfur	3	578	399	-28	—	952	10	783	2,546
Greater than 1.00 percent sulfur	-12	1,862	445	—	-9	2,286	137	1,571	4,840
Petrochemical Feedstocks	57	3,304	2,717	—	44	6,122	49	164	7,218
Naphtha for Petro. Feed. Use	50	2,123	1,330	—	—	3,503	—	—	4,022
Other Oils for Petro. Feed. Use	7	1,181	1,387	—	44	2,619	49	164	3,196
Special Naphthas	36	564	—	247	—	847	—	46	879
Lubricants	0	1,766	1,565	879	—	4,210	—	282	5,058
Waxes	—	31	62	22	—	115	—	—	159
Petroleum Coke	386	8,742	5,711	171	20	15,030	625	3,974	24,972
Marketable	164	7,060	4,616	156	—	11,996	424	3,049	18,974
Catalyst	222	1,682	1,095	15	20	3,034	201	925	5,998
Asphalt and Road Oil	249	397	572	973	76	2,267	998	904	10,644
Still Gas	686	6,487	3,840	318	65	11,396	582	3,666	20,999
Miscellaneous Products	132	1,126	513	18	8	1,797	43	377	2,749
Total	31,549	122,093	78,780	15,263	2,660	250,345	19,614	87,613	620,291
Processing Gain(-) or Loss(+)	-627	-10,279	-7,044	72	-93	-17,971	-492	-4,017	-28,891

— = No Data Reported.

Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, June 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	792	81	873	4,837	581	856	6,274
Natural Gas Liquids	650	81	731	3,886	440	595	4,921
Ethane	-	-	-	-	-	-	-
Propane	311	23	334	1,445	255	486	2,186
Normal Butane	312	78	390	2,661	260	148	3,069
Isobutane	27	-20	7	-220	-75	-39	-334
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	142	-	142	951	141	261	1,353
Ethylene	10	-	10	-	-	-	-
Propylene	132	-	132	777	141	262	1,180
Butylene	-2	-	-2	174	-	-1	173
Isobutylene	2	-	2	-	-	-	-
Finished Motor Gasoline	90,478	7,102	97,580	49,436	11,203	17,191	77,830
Reformulated	35,773	67	35,840	7,831	1,465	969	10,265
Reformulated Blended with Fuel Ethanol	35,769	67	35,836	7,831	1,464	969	10,264
Reformulated Other	4	-	4	-	1	-	1
Conventional	54,705	7,035	61,740	41,605	9,738	16,222	67,565
Conventional Blended with Fuel Ethanol	55,801	7,053	62,854	39,254	9,806	14,754	63,814
Ed55 and Lower	55,725	7,053	62,778	39,224	9,749	14,603	63,576
Greater than Ed55	76	-	76	30	57	151	238
Conventional Other	-1,096	-18	-1,114	2,351	-68	1,468	3,751
Finished Aviation Gasoline	-	-	-	-	35	-	35
Kerosene-Type Jet Fuel	2,355	-	2,355	6,805	889	955	8,649
Kerosene	146	-	146	-3	-	-24	-27
Distillate Fuel Oil	5,098	855	5,953	21,130	4,575	10,516	36,221
15 ppm sulfur and under	5,250	852	6,102	20,996	4,478	10,602	36,076
Greater than 15 ppm to 500 ppm sulfur	16	-	16	-	-	-1	-1
Greater than 500 ppm sulfur	-168	3	-165	134	97	-85	146
Residual Fuel Oil	766	4	770	741	224	149	1,114
Less than 0.31 percent sulfur	-5	3	-2	64	-	-	64
0.31 to 1.00 percent sulfur	523	1	524	293	137	40	470
Greater than 1.00 percent sulfur	248	-	248	384	87	109	580
Petrochemical Feedstocks	-	10	10	894	-	-	894
Naphtha for Petro. Feed. Use	-	-	-	520	-	-	520
Other Oils for Petro. Feed. Use	-	10	10	374	-	-	374
Special Naphthas	-	9	9	-47	-	14	-33
Lubricants	170	200	370	-	-	176	176
Waxes	-	18	18	-	-	43	43
Petroleum Coke	508	18	526	3,748	924	868	5,540
Marketable	220	-	220	2,749	757	627	4,133
Catalyst	288	18	306	999	167	241	1,407
Asphalt and Road Oil	498	674	1,172	3,547	1,773	467	5,787
Still Gas	801	60	861	2,906	594	1,037	4,537
Miscellaneous Products	45	15	60	296	109	50	455
Total	101,657	9,046	110,703	94,290	20,907	32,298	147,495
Processing Gain(-) or Loss(+)	-824	55	-769	-4,725	-1,304	-1,256	-7,285

See footnotes at end of table.

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, June 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	1,010	8,881	5,296	61	42	15,290	468	2,506	25,411
Natural Gas Liquids	677	5,729	3,122	40	42	9,610	348	2,241	17,851
Ethane	4	107	23	—	—	134	—	—	134
Propane	276	2,397	2,026	6	20	4,725	234	1,026	8,505
Normal Butane	382	3,589	946	34	22	4,973	154	1,080	9,666
Isobutane	15	-364	127	—	—	-222	-40	135	-454
Natural Gasoline	—	—	—	—	—	—	—	—	—
Refinery Olefins	333	3,152	2,174	21	—	5,680	120	265	7,560
Ethylene	—	3	—	—	—	3	—	—	13
Propylene	335	3,369	2,243	21	—	5,968	32	245	7,557
Butylene	-2	-220	-69	—	—	-291	88	20	-12
Isobutylene	—	—	—	—	—	—	—	—	2
Finished Motor Gasoline	20,753	24,958	10,325	9,500	1,487	67,023	10,901	44,559	297,893
Reformulated	7,392	6,947	—	—	—	14,339	—	30,901	91,345
Reformulated Blended with Fuel Ethanol	7,388	6,945	—	—	—	14,333	—	30,901	91,334
Reformulated Other	4	2	—	—	—	6	—	—	11
Conventional	13,361	18,011	10,325	9,500	1,487	52,684	10,901	13,658	206,548
Conventional Blended with Fuel Ethanol	12,993	2,044	4,926	9,953	1,469	31,385	8,972	14,163	181,188
Ed55 and Lower	12,985	2,043	4,926	9,933	1,468	31,355	8,950	14,150	180,809
Greater than Ed55	8	1	—	20	1	30	22	13	379
Conventional Other	368	15,967	5,399	-453	18	21,299	1,929	-505	25,360
Finished Aviation Gasoline	46	1	144	—	—	191	7	115	348
Kerosene-Type Jet Fuel	1,495	15,837	9,742	99	0	27,173	1,010	14,085	53,272
Kerosene	-16	194	1	1	—	180	—	2	301
Distillate Fuel Oil	5,191	45,787	32,453	2,360	786	86,577	6,383	14,142	149,276
15 ppm sulfur and under	5,143	45,102	29,921	2,223	786	83,175	6,364	13,749	145,466
Greater than 15 ppm to 500 ppm sulfur	48	267	1,898	57	—	2,270	-6	231	2,510
Greater than 500 ppm sulfur	—	418	634	80	—	1,132	25	162	1,300
Residual Fuel Oil	304	1,426	834	22	92	2,678	338	1,995	6,895
Less than 0.31 percent sulfur	223	—	81	—	—	304	171	47	584
0.31 to 1.00 percent sulfur	-5	606	231	22	—	854	21	565	2,434
Greater than 1.00 percent sulfur	86	820	522	—	92	1,520	146	1,383	3,877
Petrochemical Feedstocks	125	2,497	2,964	—	50	5,636	28	21	6,589
Naphtha for Petro. Feed. Use	114	1,425	1,342	—	—	2,881	—	—	3,401
Other Oils for Petro. Feed. Use	11	1,072	1,622	—	50	2,755	28	21	3,188
Special Naphthas	45	512	—	32	—	589	—	9	574
Lubricants	7	1,696	1,015	694	—	3,412	—	236	4,194
Waxes	—	44	56	23	—	123	—	—	184
Petroleum Coke	291	8,348	5,351	183	21	14,194	710	4,206	25,176
Marketable	86	6,573	4,311	170	—	11,140	489	3,259	19,241
Catalyst	205	1,775	1,040	13	21	3,054	221	947	5,935
Asphalt and Road Oil	237	381	450	834	-2	1,900	1,128	873	10,860
Still Gas	716	6,207	3,714	299	64	11,000	664	3,816	20,878
Miscellaneous Products	120	1,064	480	18	7	1,689	63	396	2,663
Total	30,324	117,833	72,825	14,126	2,547	237,655	21,700	86,961	604,514
Processing Gain(-) or Loss(+)	-554	-9,774	-7,163	28	-50	-17,513	-671	-5,251	-31,489

— = No Data Reported.

Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, July 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	676	76	752	4,480	597	817	5,894
Natural Gas Liquids	588	76	664	3,679	446	632	4,757
Ethane	-	-	-	-	-	-	-
Propane	318	32	350	1,786	266	523	2,575
Normal Butane	284	73	357	2,106	224	161	2,491
Isobutane	-14	-29	-43	-213	-44	-52	-309
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	88	-	88	801	151	185	1,137
Ethylene	1	-	1	-	-	-	-
Propylene	88	-	88	670	151	201	1,022
Butylene	-2	-	-2	131	-	-16	115
Isobutylene	1	-	1	-	-	-	-
Finished Motor Gasoline	93,619	7,322	100,941	49,153	11,030	17,314	77,497
Reformulated	36,492	50	36,542	7,738	1,429	976	10,143
Reformulated Blended with Fuel Ethanol	36,487	50	36,537	7,738	1,428	976	10,142
Reformulated Other	5	-	5	-	1	-	1
Conventional	57,127	7,272	64,399	41,415	9,601	16,338	67,354
Conventional Blended with Fuel Ethanol	57,525	7,269	64,794	39,507	9,685	14,507	63,699
Ed55 and Lower	57,451	7,269	64,720	39,485	9,631	14,359	63,475
Greater than Ed55	74	-	74	22	54	148	224
Conventional Other	-398	3	-395	1,908	-84	1,831	3,655
Finished Aviation Gasoline	-	-	-	-	55	-	55
Kerosene-Type Jet Fuel	2,644	-	2,644	6,646	1,139	1,059	8,844
Kerosene	235	-	235	110	-	37	147
Distillate Fuel Oil	5,150	875	6,025	20,825	5,759	10,896	37,480
15 ppm sulfur and under	5,220	872	6,092	20,902	5,714	10,959	37,575
Greater than 15 ppm to 500 ppm sulfur	17	-	17	-	-	60	60
Greater than 500 ppm sulfur	-87	3	-84	-77	45	-123	-155
Residual Fuel Oil	949	7	956	669	186	154	1,009
Less than 0.31 percent sulfur	-	6	6	56	-	-	56
0.31 to 1.00 percent sulfur	659	1	660	235	85	39	359
Greater than 1.00 percent sulfur	290	-	290	378	101	115	594
Petrochemical Feedstocks	-	12	12	883	-	-	883
Naphtha for Petro. Feed. Use	-	-	-	485	-	-	485
Other Oils for Petro. Feed. Use	-	12	12	398	-	-	398
Special Naphthas	-	14	14	-47	-	14	-33
Lubricants	100	215	315	-	-	219	219
Waxes	-	14	14	-	-	21	21
Petroleum Coke	485	21	506	4,054	1,216	839	6,109
Marketable	198	-	198	3,037	1,043	579	4,659
Catalyst	287	21	308	1,017	173	260	1,450
Asphalt and Road Oil	485	749	1,234	3,149	1,600	433	5,182
Still Gas	828	69	897	3,181	642	1,079	4,902
Miscellaneous Products	47	23	70	329	125	56	510
Total	105,218	9,397	114,615	93,432	22,349	32,938	148,719
Processing Gain(-) or Loss(+)	-673	42	-631	-4,533	-1,429	-1,137	-7,099

See footnotes at end of table.

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, July 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	988	9,116	5,730	86	37	15,957	471	2,015	25,089
Natural Gas Liquids	604	5,787	3,495	53	37	9,976	386	1,804	17,587
Ethane	3	198	25	—	—	226	—	—	226
Propane	272	2,390	2,127	7	21	4,817	251	977	8,970
Normal Butane	315	3,658	1,225	46	16	5,260	169	785	9,062
Isobutane	14	-459	118	—	—	-327	-34	42	-671
Natural Gasoline	—	—	—	—	—	—	—	—	—
Refinery Olefins	384	3,329	2,235	33	—	5,981	85	211	7,502
Ethylene	—	11	—	—	—	11	—	—	12
Propylene	382	3,662	2,395	33	—	6,472	20	298	7,900
Butylene	2	-344	-160	—	—	-502	65	-87	-411
Isobutylene	—	—	—	—	—	—	—	—	1
Finished Motor Gasoline	21,606	25,707	10,462	9,542	1,519	68,836	11,717	45,669	304,660
Reformulated	7,530	6,854	—	—	—	14,384	—	31,291	92,360
Reformulated Blended with Fuel Ethanol	7,528	6,853	—	—	—	14,381	—	31,291	92,351
Reformulated Other	2	1	—	—	—	3	—	—	9
Conventional	14,076	18,853	10,462	9,542	1,519	54,452	11,717	14,378	212,300
Conventional Blended with Fuel Ethanol	13,561	1,862	4,998	10,018	1,490	31,929	9,821	14,706	184,949
Ed55 and Lower	13,553	1,861	4,998	9,999	1,489	31,900	9,792	14,693	184,580
Greater than Ed55	8	1	—	19	1	29	29	13	369
Conventional Other	515	16,991	5,464	-476	29	22,523	1,896	-328	27,351
Finished Aviation Gasoline	86	87	187	—	—	360	7	-11	411
Kerosene-Type Jet Fuel	1,580	15,779	10,294	178	0	27,831	1,233	14,620	55,172
Kerosene	2	167	0	1	—	170	—	0	552
Distillate Fuel Oil	6,616	46,730	34,581	2,845	915	91,687	6,113	13,027	154,332
15 ppm sulfur and under	6,679	46,391	31,135	2,758	915	87,878	6,180	12,514	150,239
Greater than 15 ppm to 500 ppm sulfur	-63	-19	2,528	44	—	2,490	-43	247	2,771
Greater than 500 ppm sulfur	—	358	918	43	—	1,319	-24	266	1,322
Residual Fuel Oil	252	2,327	893	-14	45	3,503	351	2,380	8,199
Less than 0.31 percent sulfur	254	—	—	—	—	254	195	58	569
0.31 to 1.00 percent sulfur	-2	753	184	-14	—	921	29	657	2,626
Greater than 1.00 percent sulfur	0	1,574	709	—	45	2,328	127	1,665	5,004
Petrochemical Feedstocks	125	2,577	2,820	—	46	5,568	78	191	6,732
Naphtha for Petro. Feed. Use	124	1,667	1,535	—	—	3,326	—	—	3,811
Other Oils for Petro. Feed. Use	1	910	1,285	—	46	2,242	78	191	2,921
Special Naphthas	76	650	—	215	—	941	—	33	955
Lubricants	16	1,628	1,535	813	—	3,992	—	244	4,770
Waxes	—	43	63	20	—	126	—	—	161
Petroleum Coke	444	9,207	5,009	172	19	14,851	744	3,942	26,152
Marketable	204	7,276	3,959	156	—	11,595	524	2,967	19,943
Catalyst	240	1,931	1,050	16	19	3,256	220	975	6,209
Asphalt and Road Oil	231	499	654	1,097	38	2,519	1,086	952	10,973
Still Gas	900	6,580	3,825	368	73	11,746	690	3,693	21,928
Miscellaneous Products	133	1,087	519	19	9	1,767	65	398	2,810
Total	33,055	122,184	76,572	15,342	2,701	249,854	22,555	87,153	622,896
Processing Gain(-) or Loss(+)	-772	-10,997	-6,892	-326	-40	-19,027	-828	-4,783	-32,368

— = No Data Reported.

Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, August 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	1,087	64	1,151	4,754	561	757	6,072
Natural Gas Liquids	734	64	798	3,536	449	556	4,541
Ethane	-	-	-	-	-	-	-
Propane	448	24	472	1,681	264	460	2,405
Normal Butane	302	65	367	2,041	243	157	2,441
Isobutane	-16	-25	-41	-186	-58	-61	-305
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	353	-	353	1,218	112	201	1,531
Ethylene	22	-	22	-	-	-	-
Propylene	306	-	306	964	112	201	1,277
Butylene	-	-	-	254	-	-	254
Isobutylene	25	-	25	-	-	-	-
Finished Motor Gasoline	95,515	7,351	102,866	51,878	11,255	16,677	79,810
Reformulated	36,980	38	37,018	8,365	1,492	767	10,624
Reformulated Blended with Fuel Ethanol	36,975	38	37,013	8,365	1,491	767	10,623
Reformulated Other	5	-	5	-	1	-	1
Conventional	58,535	7,313	65,848	43,513	9,763	15,910	69,186
Conventional Blended with Fuel Ethanol	58,870	7,333	66,203	41,316	9,874	14,528	65,718
Ed55 and Lower	58,780	7,333	66,113	41,289	9,818	14,369	65,476
Greater than Ed55	90	-	90	27	56	159	242
Conventional Other	-335	-20	-355	2,197	-111	1,382	3,468
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	3,028	-	3,028	7,385	1,150	1,152	9,687
Kerosene	167	5	172	-11	-	18	7
Distillate Fuel Oil	6,591	865	7,456	22,069	5,706	10,464	38,239
15 ppm sulfur and under	6,707	861	7,568	22,026	5,800	10,338	38,164
Greater than 15 ppm to 500 ppm sulfur	17	-	17	-	-	235	235
Greater than 500 ppm sulfur	-133	4	-129	43	-94	-109	-160
Residual Fuel Oil	759	4	763	745	104	129	978
Less than 0.31 percent sulfur	-5	3	-2	67	-	-	67
0.31 to 1.00 percent sulfur	543	1	544	114	93	32	239
Greater than 1.00 percent sulfur	221	-	221	564	11	97	672
Petrochemical Feedstocks	-	16	16	964	-	-	964
Naphtha for Petro. Feed. Use	-	-	-	603	-	-	603
Other Oils for Petro. Feed. Use	-	16	16	361	-	-	361
Special Naphthas	-	13	13	-38	-	13	-25
Lubricants	175	188	363	-	-	216	216
Waxes	-	-21	-21	-	-	36	36
Petroleum Coke	637	21	658	4,084	696	985	5,765
Marketable	206	-	206	3,017	525	754	4,296
Catalyst	431	21	452	1,067	171	231	1,469
Asphalt and Road Oil	605	724	1,329	3,820	1,767	376	5,963
Still Gas	857	66	923	3,183	664	1,072	4,919
Miscellaneous Products	43	28	71	340	123	50	513
Total	109,464	9,324	118,788	99,173	22,026	31,945	153,144
Processing Gain(-) or Loss(+)	-1,028	58	-970	-5,026	-896	-1,732	-7,654

See footnotes at end of table.

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, August 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	1,122	8,847	5,662	82	35	15,748	547	2,082	25,600
Natural Gas Liquids	745	5,796	3,336	44	35	9,956	471	1,932	17,698
Ethane	5	139	22	—	—	166	—	—	166
Propane	299	2,409	2,074	10	23	4,815	264	960	8,916
Normal Butane	394	3,696	1,141	34	12	5,277	212	840	9,137
Isobutane	47	-448	99	—	—	-302	-5	132	-521
Natural Gasoline	—	—	—	—	—	—	—	—	—
Refinery Olefins	377	3,051	2,326	38	—	5,792	76	150	7,902
Ethylene	—	8	—	—	—	8	—	—	30
Propylene	336	3,455	2,331	38	—	6,160	24	132	7,899
Butylene	41	-412	-5	—	—	-376	52	18	-52
Isobutylene	—	—	—	—	—	—	—	—	25
Finished Motor Gasoline	22,118	23,850	9,466	9,904	1,511	66,849	11,181	46,575	307,281
Reformulated	7,921	7,295	—	—	—	15,216	—	32,127	94,985
Reformulated Blended with Fuel Ethanol	7,917	7,293	—	—	—	15,210	—	32,127	94,973
Reformulated Other	4	2	—	—	—	6	—	—	12
Conventional	14,197	16,555	9,466	9,904	1,511	51,633	11,181	14,448	212,296
Conventional Blended with Fuel Ethanol	13,778	1,615	5,121	10,360	1,485	32,359	9,621	14,824	188,725
Ed55 and Lower	13,771	1,613	5,121	10,337	1,484	32,326	9,588	14,811	188,314
Greater than Ed55	7	2	—	23	1	33	33	13	411
Conventional Other	419	14,940	4,345	-456	26	19,274	1,560	-376	23,571
Finished Aviation Gasoline	83	100	169	—	—	352	9	50	411
Kerosene-Type Jet Fuel	1,499	16,341	9,894	150	-2	27,882	1,324	14,615	56,536
Kerosene	25	125	1	7	—	158	1	0	338
Distillate Fuel Oil	6,326	45,060	34,043	2,905	1,037	89,371	6,169	14,308	155,543
15 ppm sulfur and under	6,316	44,239	30,654	2,770	1,037	85,016	6,157	13,504	150,409
Greater than 15 ppm to 500 ppm sulfur	10	247	2,621	84	—	2,962	-6	351	3,559
Greater than 500 ppm sulfur	—	574	768	51	—	1,393	18	453	1,575
Residual Fuel Oil	145	1,973	1,268	-44	70	3,412	363	2,830	8,346
Less than 0.31 percent sulfur	242	—	135	—	—	377	201	47	690
0.31 to 1.00 percent sulfur	-32	829	273	-44	—	1,026	31	676	2,516
Greater than 1.00 percent sulfur	-65	1,144	860	—	70	2,009	131	2,107	5,140
Petrochemical Feedstocks	141	2,886	2,479	—	35	5,541	28	95	6,644
Naphtha for Petro. Feed. Use	135	1,897	1,390	—	—	3,422	—	—	4,025
Other Oils for Petro. Feed. Use	6	989	1,089	—	35	2,119	28	95	2,619
Special Naphthas	76	670	—	231	—	977	—	25	990
Lubricants	14	1,640	1,757	566	—	3,977	—	223	4,779
Waxes	—	41	63	9	—	113	—	—	128
Petroleum Coke	402	8,661	5,352	179	19	14,613	735	3,948	25,719
Marketable	178	6,818	4,265	163	—	11,424	517	2,986	19,429
Catalyst	224	1,843	1,087	16	19	3,189	218	962	6,290
Asphalt and Road Oil	177	535	402	1,021	63	2,198	1,136	941	11,567
Still Gas	752	6,388	3,898	364	71	11,473	680	3,819	21,814
Miscellaneous Products	107	1,025	490	18	8	1,648	71	388	2,691
Total	32,987	118,142	74,944	15,392	2,847	244,312	22,244	89,899	628,387
Processing Gain(-) or Loss(+)	-697	-10,762	-6,986	84	-155	-18,516	-824	-5,231	-33,195

— = No Data Reported.

Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, September 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	411	26	437	2,609	98	551	3,258
Natural Gas Liquids	101	26	127	1,592	-26	401	1,967
Ethane	-	-	-	-	-	-	-
Propane	369	24	393	1,559	194	396	2,149
Normal Butane	-210	19	-191	269	-145	82	206
Isobutane	-58	-17	-75	-236	-75	-77	-388
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	310	-	310	1,017	124	150	1,291
Ethylene	13	-	13	-	-	-	-
Propylene	279	-	279	881	124	118	1,123
Butylene	1	-	1	136	-	32	168
Isobutylene	17	-	17	-	-	-	-
Finished Motor Gasoline	88,383	6,732	95,115	48,647	10,104	15,370	74,121
Reformulated	34,946	33	34,979	7,848	1,415	687	9,950
Reformulated Blended with Fuel Ethanol	34,942	33	34,975	7,848	1,414	687	9,949
Reformulated Other	4	-	4	-	1	-	1
Conventional	53,437	6,699	60,136	40,799	8,689	14,683	64,171
Conventional Blended with Fuel Ethanol	54,162	6,704	60,866	38,272	8,840	13,623	60,735
Ed55 and Lower	54,078	6,704	60,782	38,247	8,792	13,478	60,517
Greater than Ed55	84	-	84	25	48	145	218
Conventional Other	-725	-5	-730	2,527	-151	1,060	3,436
Finished Aviation Gasoline	-	-	-	-	1	-	1
Kerosene-Type Jet Fuel	2,235	-	2,235	6,863	816	707	8,386
Kerosene	-13	2	-11	121	-	-16	105
Distillate Fuel Oil	6,187	808	6,995	21,642	4,221	8,774	34,637
15 ppm sulfur and under	6,339	804	7,143	21,695	4,246	8,844	34,785
Greater than 15 ppm to 500 ppm sulfur	15	-	15	-	-	37	37
Greater than 500 ppm sulfur	-167	4	-163	-53	-25	-107	-185
Residual Fuel Oil	646	3	649	717	113	140	970
Less than 0.31 percent sulfur	-8	2	-6	81	-	-	81
0.31 to 1.00 percent sulfur	552	1	553	222	67	26	315
Greater than 1.00 percent sulfur	102	-	102	414	46	114	574
Petrochemical Feedstocks	-	17	17	843	-	-	843
Naphtha for Petro. Feed. Use	-	-	-	498	-	-	498
Other Oils for Petro. Feed. Use	-	17	17	345	-	-	345
Special Naphthas	-	18	18	-40	-	12	-28
Lubricants	185	172	357	-	-	121	121
Waxes	-	-20	-20	-	-	25	25
Petroleum Coke	614	19	633	4,141	566	808	5,515
Marketable	236	-	236	3,040	412	587	4,039
Catalyst	378	19	397	1,101	154	221	1,476
Asphalt and Road Oil	422	712	1,134	2,928	1,661	374	4,963
Still Gas	742	52	794	2,966	470	822	4,258
Miscellaneous Products	50	7	57	341	65	54	460
Total	99,862	8,548	108,410	91,778	18,115	27,742	137,635
Processing Gain(-) or Loss(+)	-899	38	-861	-4,902	-867	-1,028	-6,797

See footnotes at end of table.

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, September 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	830	7,084	4,707	48	28	12,697	349	1,645	18,386
Natural Gas Liquids	512	4,347	2,387	18	28	7,292	208	1,534	11,128
Ethane	6	124	36	—	—	166	—	—	166
Propane	265	2,438	1,784	14	25	4,526	231	924	8,223
Normal Butane	251	2,246	443	4	3	2,947	-33	540	3,469
Isobutane	-10	-461	124	—	—	-347	10	70	-730
Natural Gasoline	—	—	—	—	—	—	—	—	—
Refinery Olefins	318	2,737	2,320	30	—	5,405	141	111	7,258
Ethylene	—	4	—	—	—	4	—	—	17
Propylene	324	3,077	2,340	30	—	5,771	27	161	7,361
Butylene	-6	-344	-20	—	—	-370	114	-50	-137
Isobutylene	—	—	—	—	—	—	—	—	17
Finished Motor Gasoline	21,082	25,693	9,149	9,281	1,475	66,680	11,164	43,371	290,451
Reformulated	7,373	6,876	—	—	—	14,249	293	30,214	89,685
Reformulated Blended with Fuel Ethanol	7,370	6,875	—	—	—	14,245	293	30,214	89,676
Reformulated Other	3	1	—	—	—	4	—	—	9
Conventional	13,709	18,817	9,149	9,281	1,475	52,431	10,871	13,157	200,766
Conventional Blended with Fuel Ethanol	13,263	1,512	4,759	9,703	1,448	30,685	8,897	13,796	174,979
Ed55 and Lower	13,257	1,511	4,759	9,682	1,447	30,656	8,867	13,776	174,598
Greater than Ed55	6	1	—	21	1	29	30	20	381
Conventional Other	446	17,305	4,390	-422	27	21,746	1,974	-639	25,787
Finished Aviation Gasoline	99	54	160	—	—	313	3	46	363
Kerosene-Type Jet Fuel	1,507	14,903	10,591	140	0	27,141	1,110	13,618	52,490
Kerosene	-17	356	0	12	—	351	—	-2	443
Distillate Fuel Oil	5,842	45,172	29,003	2,919	1,037	83,973	6,642	14,654	146,901
15 ppm sulfur and under	5,861	44,464	25,314	2,782	1,037	79,458	6,659	13,906	141,951
Greater than 15 ppm to 500 ppm sulfur	-19	269	2,253	53	—	2,556	-7	350	2,951
Greater than 500 ppm sulfur	—	439	1,436	84	—	1,959	-10	398	1,999
Residual Fuel Oil	272	1,609	1,732	-25	-7	3,581	412	2,238	7,850
Less than 0.31 percent sulfur	248	—	563	—	—	811	198	53	1,137
0.31 to 1.00 percent sulfur	-2	722	226	-25	—	921	38	608	2,435
Greater than 1.00 percent sulfur	26	887	943	—	-7	1,849	176	1,577	4,278
Petrochemical Feedstocks	113	2,823	2,262	—	49	5,247	55	82	6,244
Naphtha for Petro. Feed. Use	103	2,228	1,434	—	—	3,765	—	—	4,263
Other Oils for Petro. Feed. Use	10	595	828	—	49	1,482	55	82	1,981
Special Naphthas	85	555	—	199	—	839	—	14	843
Lubricants	15	1,138	1,583	838	—	3,574	—	419	4,471
Waxes	—	19	57	19	—	95	—	—	100
Petroleum Coke	430	8,657	5,015	164	21	14,287	662	3,898	24,995
Marketable	208	7,021	3,866	147	—	11,242	439	2,966	18,922
Catalyst	222	1,636	1,149	17	21	3,045	223	932	6,073
Asphalt and Road Oil	179	393	343	1,058	46	2,019	1,174	874	10,164
Still Gas	660	6,058	3,672	334	72	10,796	681	3,685	20,214
Miscellaneous Products	132	972	453	18	9	1,584	59	371	2,531
Total	31,229	115,486	68,727	15,005	2,730	233,177	22,311	84,913	586,446
Processing Gain(-) or Loss(+)	-668	-10,719	-6,992	-135	-67	-18,581	-754	-5,139	-32,132

— = No Data Reported.

Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, October 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	543	13	556	908	-170	365	1,103
Natural Gas Liquids	233	13	246	144	-312	222	54
Ethane	-	-	-	-	-	-	-
Propane	306	25	331	1,588	224	421	2,233
Normal Butane	-129	2	-127	-1,255	-534	-159	-1,948
Isobutane	56	-14	42	-189	-2	-40	-231
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	310	-	310	764	142	143	1,049
Ethylene	11	-	11	-	-	-	-
Propylene	288	-	288	721	142	140	1,003
Butylene	-13	-	-13	43	-	3	46
Isobutylene	24	-	24	-	-	-	-
Finished Motor Gasoline	93,129	7,110	100,239	49,690	10,924	16,232	76,846
Reformulated	36,909	27	36,936	8,181	1,616	762	10,559
Reformulated Blended with Fuel Ethanol	36,908	27	36,935	8,181	1,615	762	10,558
Reformulated Other	1	-	1	-	1	-	1
Conventional	56,220	7,083	63,303	41,509	9,308	15,470	66,287
Conventional Blended with Fuel Ethanol	57,004	7,099	64,103	39,284	9,423	14,349	63,056
Ed55 and Lower	56,912	7,099	64,011	39,256	9,377	14,209	62,842
Greater than Ed55	92	-	92	28	46	140	214
Conventional Other	-784	-16	-800	2,225	-115	1,121	3,231
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	1,568	-	1,568	6,456	903	769	8,128
Kerosene	63	3	66	-24	-	-20	-44
Distillate Fuel Oil	5,276	875	6,151	20,293	3,990	9,639	33,922
15 ppm sulfur and under	5,336	873	6,209	20,328	3,988	9,619	33,935
Greater than 15 ppm to 500 ppm sulfur	67	-	67	-	-	195	195
Greater than 500 ppm sulfur	-127	2	-125	-35	2	-175	-208
Residual Fuel Oil	627	5	632	629	157	168	954
Less than 0.31 percent sulfur	0	4	4	39	-	-	39
0.31 to 1.00 percent sulfur	626	1	627	180	64	36	280
Greater than 1.00 percent sulfur	1	-	1	410	93	132	635
Petrochemical Feedstocks	-	16	16	873	-	-	873
Naphtha for Petro. Feed. Use	-	-	-	536	-	-	536
Other Oils for Petro. Feed. Use	-	16	16	337	-	-	337
Special Naphthas	-	12	12	-24	-	10	-14
Lubricants	184	215	399	-	-	-3	-3
Waxes	-	-3	-3	-	-	-2	-2
Petroleum Coke	599	19	618	4,058	955	790	5,803
Marketable	246	-	246	2,994	807	570	4,371
Catalyst	353	19	372	1,064	148	220	1,432
Asphalt and Road Oil	494	726	1,220	2,879	1,524	330	4,733
Still Gas	632	56	688	2,906	486	901	4,293
Miscellaneous Products	45	16	61	333	60	61	454
Total	103,160	9,063	112,223	88,977	18,829	29,240	137,046
Processing Gain(-) or Loss(+)	-1,016	53	-963	-4,904	-1,234	-876	-7,014

See footnotes at end of table.

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, October 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	439	5,578	5,089	12	9	11,127	245	-174	12,857
Natural Gas Liquids	144	3,066	2,607	-9	9	5,817	139	-278	5,978
Ethane	2	156	317	-	-	475	-	-	475
Propane	258	2,575	1,854	19	28	4,734	239	801	8,338
Normal Butane	-73	754	142	-28	-19	776	-61	-1,031	-2,391
Isobutane	-43	-419	294	-	-	-168	-39	-48	-444
Natural Gasoline	-	-	-	-	-	-	-	-	-
Refinery Olefins	295	2,512	2,482	21	-	5,310	106	104	6,879
Ethylene	-	55	71	-	-	126	-	-	137
Propylene	297	3,040	2,417	21	-	5,775	18	162	7,246
Butylene	-2	-583	-7	-	-	-592	88	-58	-529
Isobutylene	-	-	1	-	-	1	-	-	25
Finished Motor Gasoline	21,826	24,438	10,431	9,744	1,557	67,996	11,423	45,189	301,693
Reformulated	7,808	7,194	-	-	-	15,002	795	31,232	94,524
Reformulated Blended with Fuel Ethanol	7,806	7,192	-	-	-	14,998	795	31,232	94,518
Reformulated Other	2	2	-	-	-	4	-	-	6
Conventional	14,018	17,244	10,431	9,744	1,557	52,994	10,628	13,957	207,169
Conventional Blended with Fuel Ethanol	13,783	1,560	4,923	10,105	1,476	31,847	8,575	14,445	182,026
Ed55 and Lower	13,775	1,559	4,923	10,085	1,475	31,817	8,575	14,426	181,671
Greater than Ed55	8	1	-	20	1	30	-	19	355
Conventional Other	235	15,684	5,508	-361	81	21,147	2,053	-488	25,143
Finished Aviation Gasoline	76	117	217	-	-	410	7	33	450
Kerosene-Type Jet Fuel	1,377	14,130	10,838	159	0	26,504	1,150	12,612	49,962
Kerosene	-9	196	0	19	-	206	-	1	229
Distillate Fuel Oil	4,503	47,203	29,920	2,836	1,079	85,541	6,877	14,286	146,777
15 ppm sulfur and under	4,497	46,185	25,576	2,784	1,079	80,121	6,937	13,669	140,871
Greater than 15 ppm to 500 ppm sulfur	6	268	2,545	70	-	2,889	-35	251	3,367
Greater than 500 ppm sulfur	-	750	1,799	-18	-	2,531	-25	366	2,539
Residual Fuel Oil	386	1,998	1,506	-23	45	3,912	367	2,524	8,389
Less than 0.31 percent sulfur	254	-	625	-	-	879	208	51	1,181
0.31 to 1.00 percent sulfur	-12	661	310	-23	-	936	32	654	2,529
Greater than 1.00 percent sulfur	144	1,337	571	-	45	2,097	127	1,819	4,679
Petrochemical Feedstocks	68	2,901	2,158	-	41	5,168	28	131	6,216
Naphtha for Petro. Feed. Use	65	1,882	1,306	-	-	3,253	-	-	3,789
Other Oils for Petro. Feed. Use	3	1,019	852	-	41	1,915	28	131	2,427
Special Naphthas	13	687	-	239	-	939	-	18	955
Lubricants	2	1,157	1,691	818	-	3,668	-	339	4,403
Waxes	-	44	62	22	-	128	-	-	123
Petroleum Coke	228	8,044	4,940	173	20	13,405	650	3,335	23,811
Marketable	30	6,434	3,917	156	-	10,537	422	2,529	18,105
Catalyst	198	1,610	1,023	17	20	2,868	228	806	5,706
Asphalt and Road Oil	280	291	648	1,121	51	2,391	1,201	844	10,389
Still Gas	501	5,497	3,509	324	71	9,902	686	3,254	18,823
Miscellaneous Products	105	1,042	479	19	8	1,653	86	347	2,601
Total	29,795	113,323	71,488	15,463	2,881	232,950	22,720	82,739	587,678
Processing Gain(-) or Loss(+)	-557	-9,888	-7,963	-259	-29	-18,696	-991	-4,298	-31,962

- = No Data Reported.

Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, November 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	509	-4	505	337	-369	163	131
Natural Gas Liquids	151	-4	147	-331	-516	-18	-865
Ethane	-	-	-	-	-	-	-
Propane	363	23	386	1,299	274	504	2,077
Normal Butane	-216	-12	-228	-1,428	-765	-496	-2,689
Isobutane	4	-15	-11	-202	-25	-26	-253
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	358	-	358	668	147	181	996
Ethylene	22	-	22	-	-	-	-
Propylene	328	-	328	664	147	179	990
Butylene	-1	-	-1	4	-	2	6
Isobutylene	9	-	9	-	-	-	-
Finished Motor Gasoline	89,273	6,873	96,146	47,694	10,315	15,886	73,895
Reformulated	35,603	24	35,627	8,082	1,503	739	10,324
Reformulated Blended with Fuel Ethanol	35,602	24	35,626	8,082	1,502	739	10,323
Reformulated Other	1	-	1	-	1	-	1
Conventional	53,670	6,849	60,519	39,612	8,812	15,147	63,571
Conventional Blended with Fuel Ethanol	54,411	6,861	61,272	37,499	8,977	13,763	60,239
Ed55 and Lower	54,325	6,861	61,186	37,475	8,935	13,630	60,040
Greater than Ed55	86	-	86	24	42	133	199
Conventional Other	-741	-12	-753	2,113	-165	1,384	3,332
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	2,206	-	2,206	6,683	894	986	8,563
Kerosene	151	4	155	66	-	115	181
Distillate Fuel Oil	6,521	881	7,402	19,119	5,605	10,887	35,611
15 ppm sulfur and under	6,533	878	7,411	19,110	5,572	10,863	35,545
Greater than 15 ppm to 500 ppm sulfur	106	-	106	-	-	130	130
Greater than 500 ppm sulfur	-118	3	-115	9	33	-106	-64
Residual Fuel Oil	996	1	997	680	218	184	1,082
Less than 0.31 percent sulfur	157	1	158	74	-	-	74
0.31 to 1.00 percent sulfur	662	-	662	181	97	33	311
Greater than 1.00 percent sulfur	177	-	177	425	121	151	697
Petrochemical Feedstocks	-	16	16	731	-	-	731
Naphtha for Petro. Feed. Use	-	-	-	439	-	-	439
Other Oils for Petro. Feed. Use	-	16	16	292	-	-	292
Special Naphthas	-	-2	-2	-52	-	9	-43
Lubricants	201	198	399	-	-	118	118
Waxes	-	-10	-10	-	-	14	14
Petroleum Coke	632	18	650	3,996	839	997	5,832
Marketable	252	-	252	3,038	682	743	4,463
Catalyst	380	18	398	958	157	254	1,369
Asphalt and Road Oil	330	668	998	2,873	1,639	317	4,829
Still Gas	757	50	807	2,808	607	1,107	4,522
Miscellaneous Products	46	17	63	325	91	60	476
Total	101,622	8,710	110,332	85,260	19,839	30,843	135,942
Processing Gain(-) or Loss(+)	-1,016	41	-975	-5,161	-1,189	-1,338	-7,688

See footnotes at end of table.

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, November 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	336	4,848	4,632	-30	11	9,797	139	-577	9,995
Natural Gas Liquids	-9	1,989	1,451	-52	11	3,390	45	-750	1,967
Ethane	1	208	133	-	-	342	-	-	342
Propane	265	2,605	1,452	17	30	4,369	236	792	7,860
Normal Butane	-220	-468	-147	-69	-19	-923	-225	-1,605	-5,670
Isobutane	-55	-356	13	-	-	-398	34	63	-565
Natural Gasoline	-	-	-	-	-	-	-	-	-
Refinery Olefins	345	2,859	3,181	22	-	6,407	94	173	8,028
Ethylene	-	87	100	-	-	187	-	-	209
Propylene	350	3,253	3,067	22	-	6,692	23	159	8,192
Butylene	-5	-481	13	-	-	-473	71	14	-383
Isobutylene	-	-	1	-	-	1	-	-	10
Finished Motor Gasoline	20,740	24,978	11,188	9,198	1,371	67,475	10,984	42,727	291,227
Reformulated	7,678	6,737	-	-	-	14,415	1,504	29,182	91,052
Reformulated Blended with Fuel Ethanol	7,678	6,735	-	-	-	14,413	1,504	29,182	91,048
Reformulated Other	0	2	-	-	-	2	-	-	4
Conventional	13,062	18,241	11,188	9,198	1,371	53,060	9,480	13,545	200,175
Conventional Blended with Fuel Ethanol	12,927	1,494	4,590	9,586	1,408	30,005	7,483	13,544	172,543
Ed55 and Lower	12,919	1,493	4,590	9,568	1,407	29,977	7,483	13,527	172,213
Greater than Ed55	8	1	-	18	1	28	-	17	330
Conventional Other	135	16,747	6,598	-388	-37	23,055	1,997	1	27,632
Finished Aviation Gasoline	81	69	65	-	-	215	3	-1	217
Kerosene-Type Jet Fuel	1,167	14,742	10,659	133	0	26,701	993	12,530	50,993
Kerosene	14	299	1	16	-	330	1	0	667
Distillate Fuel Oil	4,727	47,796	33,729	2,598	1,053	89,903	6,476	13,637	153,029
15 ppm sulfur and under	4,728	46,784	30,337	2,529	1,053	85,431	6,442	12,711	147,540
Greater than 15 ppm to 500 ppm sulfur	-1	253	2,306	73	-	2,631	-6	282	3,143
Greater than 500 ppm sulfur	-	759	1,086	-4	-	1,841	40	644	2,346
Residual Fuel Oil	251	1,636	1,572	-29	11	3,441	364	2,831	8,715
Less than 0.31 percent sulfur	252	-	637	-	-	889	223	53	1,397
0.31 to 1.00 percent sulfur	-1	527	359	-29	-	856	20	558	2,407
Greater than 1.00 percent sulfur	0	1,109	576	-	11	1,696	121	2,220	4,911
Petrochemical Feedstocks	85	3,661	2,067	-	38	5,851	25	53	6,676
Naphtha for Petro. Feed. Use	78	2,768	1,253	-	-	4,099	-	-	4,538
Other Oils for Petro. Feed. Use	7	893	814	-	38	1,752	25	53	2,138
Special Naphthas	23	746	-	230	-	999	-	18	972
Lubricants	13	1,388	1,378	790	-	3,569	-	202	4,288
Waxes	-	44	58	26	-	128	-	-	132
Petroleum Coke	212	8,419	5,464	118	23	14,236	681	3,255	24,654
Marketable	34	6,660	4,398	101	-	11,193	465	2,449	18,822
Catalyst	178	1,759	1,066	17	23	3,043	216	806	5,832
Asphalt and Road Oil	210	258	358	959	50	1,835	859	555	9,076
Still Gas	498	5,457	3,610	304	78	9,947	639	3,272	19,187
Miscellaneous Products	116	1,013	503	15	9	1,656	65	342	2,602
Total	28,473	115,354	75,284	14,328	2,644	236,083	21,229	78,844	582,430
Processing Gain(-) or Loss(+)	-385	-10,538	-7,079	82	-102	-18,022	-788	-4,167	-31,640

- = No Data Reported.

Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, December 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	300	-7	293	510	-374	32	168
Natural Gas Liquids	-8	-7	-15	-338	-558	-185	-1,081
Ethane	-	-	-	-	-	-	-
Propane	440	26	466	1,513	275	513	2,301
Normal Butane	-417	-14	-431	-1,720	-800	-733	-3,253
Isobutane	-31	-19	-50	-131	-33	35	-129
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	308	-	308	848	184	217	1,249
Ethylene	4	-	4	-	-	-	-
Propylene	293	-	293	777	184	220	1,181
Butylene	-	-	-	71	-	-3	68
Isobutylene	11	-	11	-	-	-	-
Finished Motor Gasoline	88,240	6,700	94,940	47,435	10,162	15,365	72,962
Reformulated	35,755	27	35,782	8,134	1,535	695	10,364
Reformulated Blended with Fuel Ethanol	35,755	27	35,782	8,134	1,534	695	10,363
Reformulated Other	-	-	-	-	1	-	1
Conventional	52,485	6,673	59,158	39,301	8,627	14,670	62,598
Conventional Blended with Fuel Ethanol	53,440	6,661	60,101	37,547	8,715	13,558	59,820
Ed55 and Lower	53,360	6,660	60,020	37,525	8,672	13,428	59,625
Greater than Ed55	80	1	81	22	43	130	195
Conventional Other	-955	12	-943	1,754	-88	1,112	2,778
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	2,968	-	2,968	7,371	968	943	9,282
Kerosene	74	2	76	119	-	93	212
Distillate Fuel Oil	6,947	873	7,820	22,322	5,734	10,989	39,045
15 ppm sulfur and under	6,954	871	7,825	22,392	5,735	11,101	39,228
Greater than 15 ppm to 500 ppm sulfur	168	-	168	-	-	21	21
Greater than 500 ppm sulfur	-175	2	-173	-70	-1	-133	-204
Residual Fuel Oil	1,105	1	1,106	665	209	169	1,043
Less than 0.31 percent sulfur	365	-	365	34	-	-	34
0.31 to 1.00 percent sulfur	555	1	556	216	116	28	360
Greater than 1.00 percent sulfur	185	-	185	415	93	141	649
Petrochemical Feedstocks	-	16	16	882	-	-	882
Naphtha for Petro. Feed. Use	-	-	-	534	-	-	534
Other Oils for Petro. Feed. Use	-	16	16	348	-	-	348
Special Naphthas	-	-2	-2	-22	-	13	-9
Lubricants	162	197	359	-	-	256	256
Waxes	-	-8	-8	-	-	58	58
Petroleum Coke	696	19	715	4,217	907	997	6,121
Marketable	257	-	257	3,147	740	730	4,617
Catalyst	439	19	458	1,070	167	267	1,504
Asphalt and Road Oil	298	684	982	2,547	1,485	304	4,336
Still Gas	889	53	942	2,918	633	1,036	4,587
Miscellaneous Products	48	23	71	353	124	61	538
Total	101,727	8,551	110,278	89,317	19,848	30,316	139,481
Processing Gain(-) or Loss(+)	-1,303	49	-1,254	-5,084	-1,219	-1,319	-7,622

See footnotes at end of table.

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, December 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	243	5,816	4,512	-22	3	10,552	17	-327	10,703
Natural Gas Liquids	-60	2,303	1,669	-44	3	3,871	-40	-532	2,203
Ethane	3	212	111	-	-	326	-	-	326
Propane	327	2,781	1,786	20	29	4,943	223	853	8,786
Normal Butane	-366	-358	-273	-64	-26	-1,087	-259	-1,441	-6,471
Isobutane	-24	-332	45	-	-	-311	-4	56	-438
Natural Gasoline	-	-	-	-	-	-	-	-	-
Refinery Olefins	303	3,513	2,843	22	-	6,681	57	205	8,500
Ethylene	-	88	99	-	-	187	-	-	191
Propylene	308	3,664	2,858	22	-	6,852	8	214	8,548
Butylene	-5	-240	-115	-	-	-360	49	-9	-252
Isobutylene	-	1	1	-	-	2	-	-	13
Finished Motor Gasoline	20,440	29,512	12,366	9,198	1,444	72,960	10,969	42,918	294,749
Reformulated	7,244	6,479	-	-	-	13,723	2,063	29,717	91,649
Reformulated Blended with Fuel Ethanol	7,243	6,478	-	-	-	13,721	2,063	29,717	91,646
Reformulated Other	1	1	-	-	-	2	-	-	3
Conventional	13,196	23,033	12,366	9,198	1,444	59,237	8,906	13,201	203,100
Conventional Blended with Fuel Ethanol	12,868	1,479	4,684	9,613	1,400	30,044	6,779	13,576	170,320
Ed55 and Lower	12,861	1,478	4,684	9,596	1,399	30,018	6,779	13,560	170,002
Greater than Ed55	7	1	-	17	1	26	-	16	318
Conventional Other	328	21,554	7,682	-415	44	29,193	2,127	-375	32,780
Finished Aviation Gasoline	102	136	102	-	-	340	6	82	428
Kerosene-Type Jet Fuel	1,435	16,456	11,008	148	0	29,047	1,039	14,334	56,670
Kerosene	3	390	1	23	-	417	-	2	707
Distillate Fuel Oil	6,126	49,563	35,996	2,918	891	95,494	6,180	14,026	162,565
15 ppm sulfur and under	6,127	48,794	31,818	2,796	891	90,426	6,143	12,970	156,592
Greater than 15 ppm to 500 ppm sulfur	-1	278	2,916	82	-	3,275	18	449	3,931
Greater than 500 ppm sulfur	-	491	1,262	40	-	1,793	19	607	2,042
Residual Fuel Oil	307	2,166	1,552	-25	52	4,052	339	2,369	8,909
Less than 0.31 percent sulfur	225	-	675	-	-	900	230	42	1,571
0.31 to 1.00 percent sulfur	-4	829	359	-25	-	1,159	15	904	2,994
Greater than 1.00 percent sulfur	86	1,337	518	-	52	1,993	94	1,423	4,344
Petrochemical Feedstocks	109	3,951	1,806	-	34	5,900	31	69	6,898
Naphtha for Petro. Feed. Use	102	2,858	917	-	-	3,877	-	-	4,411
Other Oils for Petro. Feed. Use	7	1,093	889	-	34	2,023	31	69	2,487
Special Naphthas	70	598	-	238	-	906	-	20	915
Lubricants	15	1,572	1,565	907	-	4,059	-	360	5,034
Waxes	-	50	56	31	-	137	-	-	187
Petroleum Coke	322	8,152	5,643	181	24	14,322	693	3,685	25,536
Marketable	116	6,199	4,600	164	-	11,079	477	2,780	19,210
Catalyst	206	1,953	1,043	17	24	3,243	216	905	6,326
Asphalt and Road Oil	231	364	223	943	16	1,777	858	668	8,621
Still Gas	651	5,828	3,565	384	78	10,506	651	3,542	20,228
Miscellaneous Products	128	983	520	20	6	1,657	54	389	2,709
Total	30,182	125,537	78,915	14,944	2,548	252,126	20,837	82,137	604,859
Processing Gain(-) or Loss(+)	-646	-9,814	-7,638	-304	-72	-18,474	-789	-4,895	-33,034

- = No Data Reported.

Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, January 2023
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	20,908	2,891	23,799	70,794	16,250	26,653	113,697
Hydrocarbon Gas Liquids	413	-	413	2,692	57	517	3,266
Natural Gas Liquids	413	-	413	2,692	57	517	3,266
Normal Butane	268	-	268	786	-	45	831
Isobutane	145	-	145	1,359	57	357	1,773
Natural Gasoline	-	-	-	547	-	115	662
Other Liquids	-9,224	-49	-9,273	-38,047	-6,112	-11,335	-55,494
Hydrogen/Biofuels/Other Hydrocarbons	143	153	296	985	476	456	1,917
Hydrogen	81	14	95	755	301	204	1,260
Biofuels (Including Fuel Ethanol)	62	139	201	213	175	252	640
Fuel Ethanol	62	114	176	180	160	142	482
Biodiesel	-	25	25	33	15	26	74
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	84	84
Other Hydrocarbons	-	-	-	17	-	-	17
Unfinished Oils (net)	1,308	-169	1,139	-960	89	-561	-1,432
Naphthas and Lighter	-143	-95	-238	7	3	123	133
Kerosene and Light Gas Oils	124	-	124	-231	66	-193	-358
Heavy Gas Oils	21	-69	-48	-741	20	-299	-1,020
Residuum	1,306	-5	1,301	5	-	-192	-187
Motor Gasoline Blend.Comp. (MGBC)(net)	-10,675	-33	-10,708	-38,072	-6,677	-11,230	-55,979
Reformulated - RBOB	-6,447	-	-6,447	-6,918	-	-	-6,918
Conventional	-4,228	-33	-4,261	-31,154	-6,677	-11,230	-49,061
CBOB	-3,340	-54	-3,394	-29,835	-6,392	-11,301	-47,528
GTAB	-	-	-	-	-	-	-
Other	-888	21	-867	-1,319	-285	71	-1,533
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	12,097	2,842	14,939	35,439	10,195	15,835	61,469
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	728	93	822	2,274	537	858	3,669
Operable Capacity (daily average)	780	98	878	2,729	549	928	4,206
Operable Utilization Rate (percent) ²	93.4	95.1	93.6	83.3	97.8	92.4	87.2
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	120	15	134	433	71	165	669
Catalytic Cracking	225	16	241	678	134	191	1,003
Catalytic Hydrocracking	41	-	41	144	63	46	253
Delayed and Fluid Coking	36	-	36	315	72	82	469
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.77	1.80	0.89	1.68	1.90	0.58	1.45
API Gravity, Weighted Average (degrees)	37.64	31.54	36.86	32.45	26.70	40.03	33.31
Operable Capacity (daily average)	780	98	878	2,729	549	928	4,206
Operating	780	98	878	2,580	511	858	3,949
Idle	-	-	-	149	38	70	257
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, January 2023
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	18,620	134,160	90,881	7,071	2,244	252,976	14,653	62,558	467,683
Hydrocarbon Gas Liquids	635	6,198	4,737	86	94	11,750	470	1,136	17,035
Natural Gas Liquids	635	6,198	4,737	86	94	11,750	470	1,136	17,035
Normal Butane	281	2,813	2,565	40	—	5,699	210	609	7,617
Isobutane	330	2,415	1,360	43	94	4,242	133	507	6,800
Natural Gasoline	24	970	812	3	—	1,809	127	20	2,618
Other Liquids	-8,912	-52,222	-31,333	-1,783	-1,437	-95,687	-3,885	-28,604	-192,943
Hydrogen/Biofuels/Other Hydrocarbons	254	2,198	1,790	111	81	4,434	361	1,682	8,690
Hydrogen	78	2,062	1,440	64	46	3,690	172	1,275	6,492
Biofuels (Including Fuel Ethanol)	176	136	350	47	35	744	189	407	2,181
Fuel Ethanol	139	40	190	45	5	419	165	126	1,368
Biodiesel	37	—	39	2	6	84	—	11	194
Renewable Diesel Fuel	—	—	—	—	—	—	—	256	256
Other Biofuels ¹	—	96	121	—	24	241	24	14	363
Other Hydrocarbons	—	—	—	—	—	—	—	—	17
Unfinished Oils (net)	437	-509	8,239	-200	-276	7,691	-267	1,548	8,679
Naphthas and Lighter	385	-5,514	1,196	-35	-3	-3,971	-117	270	-3,923
Kerosene and Light Gas Oils	234	-551	-1,198	-55	-164	-1,734	-99	-602	-2,669
Heavy Gas Oils	-94	2,086	6,467	-31	-109	8,319	-128	1,800	8,923
Residuum	-88	3,470	1,774	-79	—	5,077	77	80	6,348
Motor Gasoline Blend.Comp. (MGBC)(net)	-9,614	-53,911	-41,368	-1,694	-1,242	-107,829	-3,979	-31,834	-210,329
Reformulated - RBOB	-937	-11,652	-1,542	—	-478	-14,609	—	-23,620	-51,594
Conventional	-8,677	-42,259	-39,826	-1,694	-764	-93,220	-3,979	-8,214	-158,735
CBOB	-8,557	-33,088	-36,377	-1,651	-756	-80,429	-4,174	-8,317	-143,842
GTAB	—	—	—	—	—	—	—	—	—
Other	-120	-9,171	-3,449	-43	-8	-12,791	195	103	-14,893
Aviation Gasoline Blend. Comp. (net)	11	—	6	—	—	17	—	—	17
Total Input to Refineries	10,343	88,136	64,285	5,374	901	169,039	11,238	35,090	291,775
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	604	4,516	3,095	195	72	8,483	468	2,183	15,625
Operable Capacity (daily average)	744	5,232	3,330	260	110	9,677	650	2,650	18,060
Operable Utilization Rate (percent) ²	81.2	86.3	92.9	75.0	65.8	87.7	72.0	82.4	86.5
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	151	699	560	35	15	1,459	72	335	2,670
Catalytic Cracking	144	1,200	855	15	21	2,236	126	558	4,164
Catalytic Hydrocracking	52	524	393	21	13	1,002	17	375	1,687
Delayed and Fluid Coking	17	694	495	33	—	1,239	60	321	2,125
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.52	1.37	1.04	1.54	1.05	1.17	1.57	1.29	1.25
API Gravity, Weighted Average (degrees)	40.57	34.62	31.97	29.82	38.57	34.20	31.52	29.52	33.40
Operable Capacity (daily average)	744	5,232	3,330	260	110	9,677	650	2,650	18,060
Operating	744	5,232	3,330	260	110	9,677	538	2,644	17,685
Idle	—	—	—	—	—	—	113	6	376
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	14,772	14,772

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, February 2023
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	16,055	2,791	18,846	67,947	15,252	24,189	107,388
Hydrocarbon Gas Liquids	214	-	214	2,328	56	707	3,091
Natural Gas Liquids	214	-	214	2,328	56	707	3,091
Normal Butane	94	-	94	637	-	21	658
Isobutane	120	-	120	1,224	56	369	1,649
Natural Gasoline	-	-	-	467	-	317	784
Other Liquids	-6,184	68	-6,116	-36,943	-5,999	-10,522	-53,464
Hydrogen/Biofuels/Other Hydrocarbons	112	154	266	910	437	409	1,756
Hydrogen	48	12	60	698	273	187	1,158
Biofuels (Including Fuel Ethanol)	64	142	206	205	164	222	591
Fuel Ethanol	61	119	180	167	149	128	444
Biodiesel	-	23	23	38	15	23	76
Renewable Diesel Fuel	3	-	3	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	71	71
Other Hydrocarbons	-	-	-	7	-	-	7
Unfinished Oils (net)	537	-101	436	-2,511	8	-147	-2,650
Naphthas and Lighter	134	-48	86	-307	10	124	-173
Kerosene and Light Gas Oils	318	-	318	-373	0	16	-357
Heavy Gas Oils	-822	-54	-876	-1,288	-2	-344	-1,634
Residuum	907	1	908	-543	-	57	-486
Motor Gasoline Blend.Comp. (MGBC)(net)	-6,833	15	-6,818	-35,342	-6,444	-10,784	-52,570
Reformulated - RBOB	-4,517	-	-4,517	-6,276	-85	-	-6,361
Conventional	-2,316	15	-2,301	-29,066	-6,359	-10,784	-46,209
CBOB	-2,166	4	-2,162	-27,636	-6,178	-10,675	-44,489
GTAB	-	-	-	-	-	-	-
Other	-150	11	-139	-1,430	-181	-109	-1,720
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	10,085	2,859	12,944	33,332	9,309	14,374	57,015
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	629	100	729	2,421	552	863	3,836
Operable Capacity (daily average)	780	98	878	2,729	549	928	4,206
Operable Utilization Rate (percent) ²	80.7	101.7	83.1	88.7	100.5	92.9	91.2
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	129	15	144	430	74	169	673
Catalytic Cracking	136	17	153	658	139	197	994
Catalytic Hydrocracking	44	-	44	160	66	43	269
Delayed and Fluid Coking	35	-	35	327	79	90	496
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.83	1.72	0.96	1.71	1.79	0.55	1.46
API Gravity, Weighted Average (degrees)	36.83	32.00	36.10	32.53	28.00	39.85	33.45
Operable Capacity (daily average)	780	98	878	2,729	549	928	4,206
Operating	780	98	878	2,580	511	928	4,019
Idle	-	-	-	149	38	-	187
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, February 2023
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	16,927	120,937	78,113	6,538	2,117	224,632	14,484	58,167	423,517
Hydrocarbon Gas Liquids	465	5,271	3,614	72	90	9,512	373	710	13,900
Natural Gas Liquids	465	5,271	3,614	72	90	9,512	373	710	13,900
Normal Butane	172	2,219	1,759	26	—	4,176	122	188	5,238
Isobutane	261	2,265	1,159	43	90	3,818	127	505	6,219
Natural Gasoline	32	787	696	3	—	1,518	124	17	2,443
Other Liquids	-7,904	-46,135	-26,670	-1,601	-1,152	-83,462	-4,323	-27,012	-174,377
Hydrogen/Biofuels/Other Hydrocarbons	266	1,722	1,512	107	57	3,664	350	1,443	7,479
Hydrogen	93	1,606	1,242	58	25	3,024	179	1,049	5,470
Biofuels (Including Fuel Ethanol)	173	116	270	49	32	640	171	394	2,002
Fuel Ethanol	133	40	167	48	5	393	140	107	1,264
Biodiesel	40	20	38	1	4	103	2	13	217
Renewable Diesel Fuel	—	—	—	—	—	—	—	266	269
Other Biofuels ¹	—	56	65	—	23	144	29	8	252
Other Hydrocarbons	—	—	—	—	—	—	—	—	7
Unfinished Oils (net)	-40	1,325	7,185	5	-234	8,241	-339	-107	5,581
Naphthas and Lighter	-70	-4,051	273	19	-153	-3,982	-117	-540	-4,726
Kerosene and Light Gas Oils	49	-261	-100	-11	-28	-351	-99	-784	-1,273
Heavy Gas Oils	-9	2,772	6,161	48	-53	8,919	-84	-537	5,788
Residuum	-10	2,865	851	-51	—	3,655	-39	1,754	5,792
Motor Gasoline Blend.Comp. (MGBC)(net)	-8,145	-49,182	-35,374	-1,713	-975	-95,389	-4,334	-28,348	-187,459
Reformulated - RBOB	-630	-9,792	-969	—	-319	-11,710	—	-20,450	-43,038
Conventional	-7,515	-39,390	-34,405	-1,713	-656	-83,679	-4,334	-7,898	-144,421
CBOB	-7,350	-29,424	-32,136	-1,720	-631	-71,261	-4,336	-7,480	-129,728
GTAB	—	—	—	—	—	—	—	—	—
Other	-165	-9,966	-2,269	7	-25	-12,418	2	-418	-14,693
Aviation Gasoline Blend. Comp. (net)	15	—	7	—	—	22	—	—	22
Total Input to Refineries	9,488	80,073	55,057	5,009	1,055	150,682	10,534	31,865	263,040
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	612	4,455	2,975	204	76	8,321	519	2,222	15,627
Operable Capacity (daily average)	744	5,232	3,330	260	110	9,677	650	2,620	18,030
Operable Utilization Rate (percent) ²	82.2	85.1	89.3	78.5	68.7	86.0	79.8	84.8	86.7
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	140	763	513	38	12	1,466	78	360	2,722
Catalytic Cracking	152	1,187	790	18	19	2,165	136	493	3,941
Catalytic Hydrocracking	42	468	386	19	10	926	16	386	1,641
Delayed and Fluid Coking	21	705	445	33	—	1,204	55	362	2,153
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.61	1.43	1.13	1.62	1.03	1.24	1.41	1.34	1.30
API Gravity, Weighted Average (degrees)	40.05	33.94	31.29	31.41	38.54	33.63	31.73	29.16	33.00
Operable Capacity (daily average)	744	5,232	3,330	260	110	9,677	650	2,620	18,030
Operating	673	5,187	3,330	260	110	9,561	538	2,620	17,615
Idle	71	45	—	—	—	116	113	—	416
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	13,298	13,298

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, March 2023
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	16,128	3,131	19,259	77,212	16,232	22,529	115,973
Hydrocarbon Gas Liquids	248	-	248	1,831	74	750	2,655
Natural Gas Liquids	248	-	248	1,831	74	750	2,655
Normal Butane	131	-	131	128	-	-	128
Isobutane	117	-	117	1,275	74	354	1,703
Natural Gasoline	-	-	-	428	-	396	824
Other Liquids	-6,676	208	-6,468	-38,175	-6,231	-8,859	-53,265
Hydrogen/Biofuels/Other Hydrocarbons	129	197	326	939	471	433	1,843
Hydrogen	62	26	88	704	290	188	1,182
Biofuels (Including Fuel Ethanol)	67	171	238	231	181	245	657
Fuel Ethanol	67	139	206	190	157	150	497
Biodiesel	-	32	32	41	24	24	89
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	71	71
Other Hydrocarbons	-	-	-	4	-	-	4
Unfinished Oils (net)	763	-55	708	-2,325	29	77	-2,219
Naphthas and Lighter	478	-12	466	-486	-12	-344	-842
Kerosene and Light Gas Oils	200	-	200	-1,011	-48	29	-1,030
Heavy Gas Oils	-623	-45	-668	-308	101	758	551
Residuum	708	2	710	-520	-12	-366	-898
Motor Gasoline Blend.Comp. (MGBC)(net)	-7,568	66	-7,502	-36,789	-6,731	-9,369	-52,889
Reformulated - RBOB	-4,575	-	-4,575	-7,125	-120	-	-7,245
Conventional	-2,993	66	-2,927	-29,664	-6,611	-9,369	-45,644
CBOB	-2,961	69	-2,892	-29,323	-6,648	-9,557	-45,528
GTAB	-	-	-	-	-	-	-
Other	-32	-3	-35	-341	37	188	-116
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	9,700	3,339	13,039	40,868	10,075	14,420	65,363
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	561	101	662	2,492	537	725	3,754
Operable Capacity (daily average)	780	98	878	2,729	549	928	4,206
Operable Utilization Rate (percent) ²	72.0	102.8	75.5	91.3	97.7	78.1	89.3
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	103	16	119	443	75	131	649
Catalytic Cracking	141	17	158	707	138	193	1,038
Catalytic Hydrocracking	43	-	43	169	62	45	276
Delayed and Fluid Coking	35	-	35	315	76	47	438
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.82	1.76	0.98	1.50	1.74	0.47	1.33
API Gravity, Weighted Average (degrees)	35.92	31.64	35.20	33.60	28.37	40.65	34.16
Operable Capacity (daily average)	780	98	878	2,729	549	928	4,206
Operating	780	98	878	2,580	511	928	4,019
Idle	-	-	-	149	38	-	187
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, March 2023
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	19,911	138,190	93,973	7,528	1,704	261,306	16,763	67,587	480,888
Hydrocarbon Gas Liquids	574	4,654	2,568	51	43	7,890	414	583	11,790
Natural Gas Liquids	574	4,654	2,568	51	43	7,890	414	583	11,790
Normal Butane	233	1,273	837	6	—	2,349	110	42	2,760
Isobutane	297	2,645	1,439	41	43	4,465	173	522	6,980
Natural Gasoline	44	736	292	4	—	1,076	131	19	2,050
Other Liquids	-8,790	-49,468	-30,910	-1,507	-911	-91,586	-4,330	-30,446	-186,095
Hydrogen/Biofuels/Other Hydrocarbons	353	1,658	1,721	116	68	3,916	464	1,849	8,398
Hydrogen	108	1,612	1,442	63	33	3,258	202	1,335	6,065
Biofuels (Including Fuel Ethanol)	245	46	279	53	35	658	262	514	2,329
Fuel Ethanol	195	44	200	52	5	496	224	142	1,565
Biodiesel	50	0	30	1	2	83	6	13	223
Renewable Diesel Fuel	—	—	—	—	—	—	—	335	335
Other Biofuels ¹	—	2	49	—	28	79	32	24	206
Other Hydrocarbons	—	—	—	—	—	—	—	—	4
Unfinished Oils (net)	-696	-1,001	6,289	87	-163	4,516	-33	6	2,978
Naphthas and Lighter	-466	-6,947	230	8	80	-7,095	104	-375	-7,742
Kerosene and Light Gas Oils	-48	-1,082	480	-7	-61	-718	169	-468	-1,847
Heavy Gas Oils	-57	2,773	5,400	160	-182	8,094	-295	648	8,330
Residuum	-125	4,255	179	-74	—	4,235	-11	201	4,237
Motor Gasoline Blend.Comp. (MGBC)(net)	-8,451	-50,125	-38,922	-1,710	-816	-100,024	-4,761	-32,301	-197,477
Reformulated - RBOB	-534	-13,880	-2,277	—	-117	-16,808	—	-24,718	-53,346
Conventional	-7,917	-36,245	-36,645	-1,710	-699	-83,216	-4,761	-7,583	-144,131
CBOB	-7,948	-27,365	-33,937	-1,640	-696	-71,586	-4,552	-8,402	-132,960
GTAB	—	—	—	—	—	—	—	—	—
Other	31	-8,880	-2,708	-70	-3	-11,630	-209	819	-11,171
Aviation Gasoline Blend. Comp. (net)	4	—	2	—	—	6	—	—	6
Total Input to Refineries	11,695	93,376	65,631	6,072	836	177,610	12,847	37,724	306,583
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	653	4,640	3,172	214	55	8,735	539	2,336	16,026
Operable Capacity (daily average)	744	5,472	3,330	260	110	9,917	650	2,620	18,270
Operable Utilization Rate (percent) ²	87.8	84.8	95.3	82.2	50.0	88.1	82.9	89.2	87.7
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	133	730	542	38	12	1,455	85	391	2,699
Catalytic Cracking	168	1,315	768	18	11	2,280	141	522	4,140
Catalytic Hydrocracking	36	399	407	20	3	864	6	429	1,619
Delayed and Fluid Coking	27	711	489	31	—	1,258	60	402	2,192
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.65	1.39	1.18	1.53	1.18	1.24	1.36	1.33	1.27
API Gravity, Weighted Average (degrees)	39.77	34.74	31.29	31.33	37.40	33.99	32.57	29.46	33.39
Operable Capacity (daily average)	744	5,472	3,330	260	110	9,917	650	2,620	18,270
Operating	744	5,472	3,330	260	110	9,917	574	2,620	18,007
Idle	—	—	—	—	—	—	77	—	264
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	15,424	15,424

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, April 2023
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	20,476	2,989	23,465	74,590	14,116	22,618	111,324
Hydrocarbon Gas Liquids	116	-	116	1,324	75	764	2,163
Natural Gas Liquids	116	-	116	1,324	75	764	2,163
Normal Butane	4	-	4	12	-	4	16
Isobutane	112	-	112	1,112	75	263	1,450
Natural Gasoline	-	-	-	200	-	497	697
Other Liquids	-8,055	52	-8,003	-35,940	-5,098	-8,962	-50,000
Hydrogen/Biofuels/Other Hydrocarbons	104	159	263	905	423	393	1,721
Hydrogen	37	11	48	670	184	179	1,033
Biofuels (Including Fuel Ethanol)	67	148	215	235	239	214	688
Fuel Ethanol	67	113	180	196	178	149	523
Biodiesel	-	35	35	39	61	26	126
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	39	39
Other Hydrocarbons	-	-	-	-	-	-	-
Unfinished Oils (net)	1,407	-103	1,304	-2,641	-542	-313	-3,496
Naphthas and Lighter	226	-47	179	-90	-216	3	-303
Kerosene and Light Gas Oils	-72	-	-72	-1,060	-205	83	-1,182
Heavy Gas Oils	675	-53	622	-1,262	-117	-376	-1,755
Residuum	578	-3	575	-229	-4	-23	-256
Motor Gasoline Blend.Comp. (MGBC)(net)	-9,566	-4	-9,570	-34,204	-4,979	-9,042	-48,225
Reformulated - RBOB	-5,899	-	-5,899	-6,246	-80	-	-6,326
Conventional	-3,667	-4	-3,671	-27,958	-4,899	-9,042	-41,899
CBOB	-3,156	13	-3,143	-28,135	-4,857	-8,812	-41,804
GTAB	-	-	-	-	-	-	-
Other	-511	-17	-528	177	-42	-230	-95
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	12,537	3,041	15,578	39,974	9,093	14,420	63,487
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	728	100	828	2,487	496	753	3,736
Operable Capacity (daily average)	780	98	878	2,729	549	928	4,206
Operable Utilization Rate (percent) ²	93.4	101.4	94.3	91.1	90.4	81.1	88.8
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	129	16	145	455	64	150	669
Catalytic Cracking	238	15	253	709	123	183	1,015
Catalytic Hydrocracking	25	-	25	179	21	37	238
Delayed and Fluid Coking	7	-	7	334	61	69	464
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.84	1.69	0.94	1.71	1.71	0.52	1.47
API Gravity, Weighted Average (degrees)	36.27	32.09	35.75	33.43	29.15	40.18	34.18
Operable Capacity (daily average)	780	98	878	2,729	549	928	4,206
Operating	780	98	878	2,580	549	928	4,057
Idle	-	-	-	149	-	-	149
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, April 2023
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	18,874	142,877	92,568	5,931	1,302	261,552	15,397	63,457	475,195
Hydrocarbon Gas Liquids	419	3,763	3,146	40	100	7,468	403	471	10,621
Natural Gas Liquids	419	3,763	3,146	40	100	7,468	403	471	10,621
Normal Butane	106	665	327	—	—	1,098	102	4	1,224
Isobutane	275	2,520	1,487	37	100	4,419	156	450	6,587
Natural Gasoline	38	578	1,332	3	—	1,951	145	17	2,810
Other Liquids	-8,026	-52,094	-28,614	-1,414	-942	-91,090	-3,617	-29,051	-181,761
Hydrogen/Biofuels/Other Hydrocarbons	351	1,992	1,759	72	40	4,214	465	1,623	8,286
Hydrogen	116	1,928	1,532	33	23	3,632	186	1,309	6,208
Biofuels (Including Fuel Ethanol)	235	64	227	39	17	582	279	314	2,078
Fuel Ethanol	186	42	187	38	6	459	245	138	1,545
Biodiesel	49	19	33	1	2	104	14	12	291
Renewable Diesel Fuel	—	—	—	—	—	—	—	157	157
Other Biofuels ¹	—	3	7	—	9	19	20	7	85
Other Hydrocarbons	—	—	—	—	—	—	—	—	—
Unfinished Oils (net)	-572	-4,141	10,358	-261	-256	5,128	-37	622	3,521
Naphthas and Lighter	-301	-7,254	502	-90	-158	-7,301	-173	326	-7,272
Kerosene and Light Gas Oils	-81	-683	228	-18	-188	-742	-78	-678	-2,752
Heavy Gas Oils	-281	-434	7,949	-68	90	7,256	208	883	7,214
Residuum	91	4,230	1,679	-85	—	5,915	6	91	6,331
Motor Gasoline Blend.Comp. (MGBC)(net)	-7,796	-49,945	-40,733	-1,225	-726	-100,425	-4,045	-31,296	-193,561
Reformulated - RBOB	-401	-15,379	-6,584	—	-131	-22,495	—	-23,915	-58,635
Conventional	-7,395	-34,566	-34,149	-1,225	-595	-77,930	-4,045	-7,381	-134,926
CBOB	-7,296	-27,838	-31,612	-1,271	-610	-68,627	-4,117	-8,014	-125,705
GTAB	—	—	—	—	—	—	—	—	—
Other	-99	-6,728	-2,537	46	15	-9,303	72	633	-9,221
Aviation Gasoline Blend. Comp. (net)	-9	—	2	—	—	-7	—	—	-7
Total Input to Refineries	11,267	94,546	67,100	4,557	460	177,930	12,183	34,877	304,055
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	636	5,036	3,215	176	44	9,106	514	2,279	16,463
Operable Capacity (daily average)	744	5,472	3,330	260	110	9,917	650	2,620	18,270
Operable Utilization Rate (percent) ²	85.5	92.0	96.5	67.7	39.6	91.8	79.1	87.0	90.1
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	122	757	560	25	3	1,466	79	359	2,718
Catalytic Cracking	168	1,342	866	15	15	2,406	153	612	4,439
Catalytic Hydrocracking	52	469	444	18	—	983	15	396	1,657
Delayed and Fluid Coking	30	748	508	21	—	1,307	51	378	2,207
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.67	1.47	1.18	0.85	1.08	1.27	1.29	1.32	1.31
API Gravity, Weighted Average (degrees)	39.32	34.66	31.59	34.21	38.31	34.07	33.04	28.74	33.41
Operable Capacity (daily average)	744	5,472	3,330	260	110	9,917	650	2,620	18,270
Operating	744	5,472	3,330	210	110	9,867	641	2,620	18,062
Idle	—	—	—	50	—	50	10	—	209
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	13,994	13,994

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, May 2023
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	20,420	2,914	23,334	78,478	15,441	24,018	117,937
Hydrocarbon Gas Liquids	124	-	124	1,700	75	810	2,585
Natural Gas Liquids	124	-	124	1,700	75	810	2,585
Normal Butane	-	-	-	4	-	-	4
Isobutane	124	-	124	1,267	75	361	1,703
Natural Gasoline	-	-	-	429	-	449	878
Other Liquids	-8,441	103	-8,338	-35,241	-5,084	-9,592	-49,917
Hydrogen/Biofuels/Other Hydrocarbons	115	156	271	936	471	430	1,837
Hydrogen	50	12	62	661	219	192	1,072
Biofuels (Including Fuel Ethanol)	65	144	209	249	252	238	739
Fuel Ethanol	65	109	174	205	175	151	531
Biodiesel	-	35	35	44	77	25	146
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	62	62
Other Hydrocarbons	-	-	-	26	-	-	26
Unfinished Oils (net)	1,945	-16	1,929	-340	-290	359	-271
Naphthas and Lighter	415	12	427	339	-169	283	453
Kerosene and Light Gas Oils	-242	-	-242	1	-132	-342	-473
Heavy Gas Oils	987	-26	961	-93	-5	350	252
Residuum	785	-2	783	-587	16	68	-503
Motor Gasoline Blend.Comp. (MGBC)(net)	-10,501	-37	-10,538	-35,837	-5,265	-10,381	-51,483
Reformulated - RBOB	-7,828	-	-7,828	-7,758	-	-	-7,758
Conventional	-2,673	-37	-2,710	-28,079	-5,265	-10,381	-43,725
CBOB	-2,427	-33	-2,460	-28,080	-5,321	-10,326	-43,727
GTAB	-	-	-	-	-	-	-
Other	-246	-4	-250	1	56	-55	2
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	12,103	3,017	15,120	44,937	10,432	15,236	70,605
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	712	94	806	2,530	520	774	3,824
Operable Capacity (daily average)	780	98	878	2,729	549	928	4,206
Operable Utilization Rate (percent) ²	91.4	95.8	91.9	92.7	94.7	83.3	90.9
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	131	16	146	487	75	156	717
Catalytic Cracking	241	17	258	727	128	195	1,051
Catalytic Hydrocracking	30	-	30	207	37	35	280
Delayed and Fluid Coking	3	-	3	315	58	85	458
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.74	1.82	0.88	1.61	1.84	0.64	1.44
API Gravity, Weighted Average (degrees)	36.68	31.53	35.98	34.10	28.05	38.47	34.16
Operable Capacity (daily average)	780	98	878	2,729	549	928	4,206
Operating	780	98	878	2,587	549	928	4,064
Idle	-	-	-	142	-	-	142
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, May 2023
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	18,654	152,816	94,970	7,658	2,405	276,503	16,365	68,527	502,666
Hydrocarbon Gas Liquids	572	3,964	3,130	32	92	7,790	448	674	11,621
Natural Gas Liquids	572	3,964	3,130	32	92	7,790	448	674	11,621
Normal Butane	264	429	335	-	-	1,028	85	28	1,145
Isobutane	274	2,622	1,498	28	92	4,514	196	625	7,162
Natural Gasoline	34	913	1,297	4	-	2,248	167	21	3,314
Other Liquids	-7,586	-57,012	-29,541	-1,602	-1,247	-96,988	-4,200	-29,425	-188,868
Hydrogen/Biofuels/Other Hydrocarbons	335	2,524	1,851	117	36	4,863	512	1,782	9,265
Hydrogen	87	2,474	1,618	66	14	4,259	192	1,340	6,925
Biofuels (Including Fuel Ethanol)	248	50	233	51	22	604	320	442	2,314
Fuel Ethanol	201	50	191	50	8	500	249	146	1,600
Biodiesel	47	-3	25	1	7	77	32	15	305
Renewable Diesel Fuel	-	-	-	-	-	-	-	277	277
Other Biofuels ¹	-	3	17	-	7	27	39	4	132
Other Hydrocarbons	-	-	-	-	-	-	-	-	26
Unfinished Oils (net)	-48	-5,452	10,249	-82	2	4,669	-356	2,444	8,415
Naphthas and Lighter	97	-8,654	1,125	3	108	-7,321	71	371	-5,999
Kerosene and Light Gas Oils	12	-1,315	-28	-36	-54	-1,421	-177	-209	-2,522
Heavy Gas Oils	-120	189	7,995	42	-52	8,054	-255	1,726	10,738
Residuum	-37	4,328	1,157	-91	-	5,357	5	556	6,198
Motor Gasoline Blend.Comp. (MGBC)(net)	-7,879	-54,084	-41,647	-1,637	-1,285	-106,532	-4,356	-33,651	-206,560
Reformulated - RBOB	-574	-16,507	-8,019	-	-456	-25,556	-	-26,038	-67,180
Conventional	-7,305	-37,577	-33,628	-1,637	-829	-80,976	-4,356	-7,613	-139,380
CBOB	-7,241	-30,680	-32,350	-1,616	-804	-72,691	-4,398	-8,490	-131,766
GTAB	-	-	-	-	-	-	-	-	-
Other	-64	-6,897	-1,278	-21	-25	-8,285	42	877	-7,614
Aviation Gasoline Blend. Comp. (net)	6	-	6	-	-	12	-	-	12
Total Input to Refineries	11,640	99,768	68,559	6,088	1,250	187,305	12,613	39,776	325,419
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	629	5,180	3,164	219	78	9,269	524	2,334	16,757
Operable Capacity (daily average)	744	5,472	3,330	260	110	9,917	650	2,620	18,270
Operable Utilization Rate (percent) ²	84.6	94.7	95.0	83.9	70.5	93.5	80.6	89.1	91.7
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	151	762	592	40	19	1,563	79	380	2,887
Catalytic Cracking	159	1,361	881	16	20	2,437	149	644	4,539
Catalytic Hydrocracking	50	572	465	16	5	1,107	17	392	1,825
Delayed and Fluid Coking	21	814	520	32	-	1,387	51	387	2,286
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.59	1.44	1.27	1.43	1.10	1.30	1.38	1.30	1.31
API Gravity, Weighted Average (degrees)	39.97	34.04	31.26	32.08	37.32	33.64	31.48	28.68	33.11
Operable Capacity (daily average)	744	5,472	3,330	260	110	9,917	650	2,620	18,270
Operating	744	5,472	3,330	210	110	9,867	605	2,620	18,033
Idle	-	-	-	50	-	50	46	-	237
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-	14,093	14,093

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, June 2023
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	16,298	2,964	19,262	78,554	15,787	26,101	120,442
Hydrocarbon Gas Liquids	132	-	132	1,751	69	844	2,664
Natural Gas Liquids	132	-	132	1,751	69	844	2,664
Normal Butane	-	-	-	11	-	1	12
Isobutane	132	-	132	1,352	69	448	1,869
Natural Gasoline	-	-	-	388	-	395	783
Other Liquids	-5,683	40	-5,643	-35,466	-5,357	-10,147	-50,970
Hydrogen/Biofuels/Other Hydrocarbons	142	150	292	928	490	443	1,861
Hydrogen	77	11	88	673	215	192	1,080
Biofuels (Including Fuel Ethanol)	65	139	204	234	275	251	760
Fuel Ethanol	65	105	170	191	196	147	534
Biodiesel	-	34	34	43	79	27	149
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	77	77
Other Hydrocarbons	-	-	-	21	-	-	21
Unfinished Oils (net)	2,163	-95	2,068	-77	-317	533	139
Naphthas and Lighter	777	-54	723	145	-81	4	68
Kerosene and Light Gas Oils	303	-	303	183	-127	367	423
Heavy Gas Oils	-303	-36	-339	-199	-109	159	-149
Residuum	1,386	-5	1,381	-206	-	3	-203
Motor Gasoline Blend.Comp. (MGBC)(net)	-7,988	-15	-8,003	-36,317	-5,530	-11,123	-52,970
Reformulated - RBOB	-5,343	-	-5,343	-7,107	-	-	-7,107
Conventional	-2,645	-15	-2,660	-29,210	-5,530	-11,123	-45,863
CBOB	-2,489	10	-2,479	-28,965	-5,331	-11,360	-45,656
GTAB	-	-	-	-	-	-	-
Other	-156	-25	-181	-245	-199	237	-207
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	10,747	3,004	13,751	44,839	10,499	16,798	72,136
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	610	99	709	2,617	549	868	4,034
Operable Capacity (daily average)	780	98	878	2,729	549	928	4,206
Operable Utilization Rate (percent) ²	78.2	100.7	80.7	95.9	99.9	93.5	95.9
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	126	16	142	490	75	166	730
Catalytic Cracking	165	15	180	762	143	214	1,119
Catalytic Hydrocracking	43	-	43	208	35	45	289
Delayed and Fluid Coking	34	-	34	318	66	72	456
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.67	1.71	0.84	1.54	1.91	0.57	1.38
API Gravity, Weighted Average (degrees)	36.95	32.18	36.19	34.06	27.56	39.21	34.24
Operable Capacity (daily average)	780	98	878	2,729	549	928	4,206
Operating	780	98	878	2,587	549	928	4,064
Idle	-	-	-	142	-	-	142
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, June 2023
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	17,481	148,091	90,261	6,480	2,326	264,639	18,285	69,556	492,184
Hydrocarbon Gas Liquids	578	4,016	3,018	26	97	7,735	440	617	11,588
Natural Gas Liquids	578	4,016	3,018	26	97	7,735	440	617	11,588
Normal Butane	352	675	567	—	—	1,594	80	11	1,697
Isobutane	195	2,458	1,499	24	97	4,273	169	585	7,028
Natural Gasoline	31	883	952	2	—	1,868	191	21	2,863
Other Liquids	-6,639	-55,903	-30,663	-1,293	-1,268	-95,766	-4,396	-30,768	-187,543
Hydrogen/Biofuels/Other Hydrocarbons	314	2,527	1,717	116	48	4,722	518	1,918	9,311
Hydrogen	61	2,485	1,483	63	19	4,111	217	1,292	6,788
Biofuels (Including Fuel Ethanol)	253	42	234	53	29	611	301	626	2,502
Fuel Ethanol	201	49	190	52	6	498	223	137	1,562
Biodiesel	52	-11	31	1	9	82	31	12	308
Renewable Diesel Fuel	—	—	—	—	—	—	—	465	465
Other Biofuels ¹	—	4	13	—	14	31	47	12	167
Other Hydrocarbons	—	—	—	—	—	—	—	—	21
Unfinished Oils (net)	562	-5,651	6,585	-160	-298	1,038	177	2,482	5,904
Naphthas and Lighter	449	-8,551	464	-95	-134	-7,867	-26	509	-6,593
Kerosene and Light Gas Oils	24	-2,043	-751	-58	-148	-2,976	146	-740	-2,844
Heavy Gas Oils	88	896	5,589	-32	-16	6,525	96	2,362	8,495
Residuum	1	4,047	1,283	25	—	5,356	-39	351	6,846
Motor Gasoline Blend.Comp. (MGBC)(net)	-7,526	-52,779	-38,970	-1,249	-1,018	-101,542	-5,091	-35,168	-202,774
Reformulated - RBOB	-621	-17,085	-7,276	—	-360	-25,342	—	-25,693	-63,485
Conventional	-6,905	-35,694	-31,694	-1,249	-658	-76,200	-5,091	-9,475	-139,289
CBOB	-7,127	-28,118	-30,785	-1,204	-684	-67,918	-5,282	-10,138	-131,473
GTAB	—	—	—	—	—	—	—	—	—
Other	222	-7,576	-909	-45	26	-8,282	191	663	-7,816
Aviation Gasoline Blend. Comp. (net)	11	—	5	—	—	16	—	—	16
Total Input to Refineries	11,420	96,204	62,616	5,213	1,155	176,608	14,329	39,405	316,229
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	588	5,167	3,151	184	78	9,168	603	2,501	17,014
Operable Capacity (daily average)	744	5,472	3,330	260	110	9,917	650	2,620	18,270
Operable Utilization Rate (percent) ²	79.0	94.4	94.6	70.7	70.5	92.5	92.8	95.5	93.1
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	159	752	592	35	14	1,552	96	432	2,951
Catalytic Cracking	149	1,359	883	13	22	2,427	181	666	4,573
Catalytic Hydrocracking	50	576	430	18	6	1,080	16	424	1,852
Delayed and Fluid Coking	15	833	515	32	—	1,393	58	401	2,342
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.56	1.46	1.31	1.68	1.04	1.33	1.63	1.25	1.32
API Gravity, Weighted Average (degrees)	40.39	34.19	30.70	30.97	37.82	33.55	31.29	29.20	33.10
Operable Capacity (daily average)	744	5,472	3,330	260	110	9,917	650	2,620	18,270
Operating	744	5,472	3,330	260	110	9,917	605	2,620	18,083
Idle	—	—	—	—	—	—	46	—	187
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	15,756	15,756

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, July 2023
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	17,404	3,142	20,546	80,075	17,317	27,822	125,214
Hydrocarbon Gas Liquids	121	-	121	2,043	79	806	2,928
Natural Gas Liquids	121	-	121	2,043	79	806	2,928
Normal Butane	-	-	-	1	-	-	1
Isobutane	121	-	121	1,379	79	476	1,934
Natural Gasoline	-	-	-	663	-	330	993
Other Liquids	-6,168	99	-6,069	-38,206	-5,570	-10,785	-54,561
Hydrogen/Biofuels/Other Hydrocarbons	152	163	315	914	546	450	1,910
Hydrogen	84	14	98	682	296	203	1,181
Biofuels (Including Fuel Ethanol)	68	149	217	218	250	247	715
Fuel Ethanol	68	115	183	181	178	148	507
Biodiesel	-	34	34	37	72	25	134
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	74	74
Other Hydrocarbons	-	-	-	14	-	-	14
Unfinished Oils (net)	1,791	-60	1,731	-844	-63	-119	-1,026
Naphthas and Lighter	418	-30	388	351	-41	-116	194
Kerosene and Light Gas Oils	271	-	271	-546	267	53	-226
Heavy Gas Oils	-45	-31	-76	-645	-289	77	-857
Residuum	1,147	1	1,148	-4	-	-133	-137
Motor Gasoline Blend.Comp. (MGBC)(net)	-8,111	-4	-8,115	-38,276	-6,053	-11,116	-55,445
Reformulated - RBOB	-5,287	-	-5,287	-7,633	-	-	-7,633
Conventional	-2,824	-4	-2,828	-30,643	-6,053	-11,116	-47,812
CBOB	-2,518	-1	-2,519	-30,273	-6,099	-11,039	-47,411
GTAB	-	-	-	-	-	-	-
Other	-306	-3	-309	-370	46	-77	-401
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	11,357	3,241	14,598	43,912	11,826	17,843	73,581
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	607	101	708	2,581	566	896	4,043
Operable Capacity (daily average)	780	98	878	2,731	549	928	4,208
Operable Utilization Rate (percent) ²	77.9	103.2	80.7	94.5	103.1	96.5	96.1
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	120	16	135	495	81	165	742
Catalytic Cracking	169	17	186	762	147	217	1,126
Catalytic Hydrocracking	42	-	42	192	61	44	297
Delayed and Fluid Coking	31	-	31	342	74	77	493
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.89	1.78	1.03	1.62	1.84	0.58	1.42
API Gravity, Weighted Average (degrees)	35.77	31.71	35.15	33.51	28.06	39.25	33.97
Operable Capacity (daily average)	780	98	878	2,731	549	928	4,208
Operating	780	98	878	2,731	549	928	4,208
Idle	-	-	-	-	-	-	-
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, July 2023
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	21,453	153,514	94,951	7,883	2,316	280,117	18,839	70,751	515,467
Hydrocarbon Gas Liquids	436	4,384	2,682	32	85	7,619	456	515	11,639
Natural Gas Liquids	436	4,384	2,682	32	85	7,619	456	515	11,639
Normal Butane	152	1,061	424	-	-	1,637	133	39	1,810
Isobutane	244	2,566	1,539	31	85	4,465	145	457	7,122
Natural Gasoline	40	757	719	1	-	1,517	178	19	2,707
Other Liquids	-8,652	-58,243	-31,023	-1,902	-1,101	-100,921	-4,435	-32,146	-198,132
Hydrogen/Biofuels/Other Hydrocarbons	357	2,525	1,794	125	71	4,872	564	1,661	9,322
Hydrogen	106	2,471	1,504	69	40	4,190	219	1,405	7,093
Biofuels (Including Fuel Ethanol)	251	54	290	56	31	682	345	256	2,215
Fuel Ethanol	199	50	196	55	6	506	287	126	1,609
Biodiesel	52	-	49	1	5	107	40	17	332
Renewable Diesel Fuel	-	-	-	-	-	-	-	111	111
Other Biofuels ¹	-	4	45	-	20	69	18	2	163
Other Hydrocarbons	-	-	-	-	-	-	-	-	14
Unfinished Oils (net)	-494	-6,009	7,451	-167	35	816	24	1,152	2,697
Naphthas and Lighter	-357	-9,028	765	-10	82	-8,548	144	-147	-7,969
Kerosene and Light Gas Oils	-55	-2,577	-559	12	-7	-3,186	-99	-261	-3,501
Heavy Gas Oils	-66	1,516	6,692	-12	-40	8,090	21	1,859	9,037
Residuum	-16	4,080	553	-157	-	4,460	-42	-299	5,130
Motor Gasoline Blend.Comp. (MGBC)(net)	-8,529	-54,759	-40,279	-1,860	-1,207	-106,634	-5,023	-34,959	-210,176
Reformulated - RBOB	-485	-18,377	-6,948	-	-368	-26,178	-	-25,432	-64,530
Conventional	-8,044	-36,382	-33,331	-1,860	-839	-80,456	-5,023	-9,527	-145,646
CBOB	-7,800	-27,900	-32,183	-1,851	-828	-70,562	-5,126	-9,949	-135,567
GTAB	-	-	-	-	-	-	-	-	-
Other	-244	-8,482	-1,148	-9	-11	-9,894	103	422	-10,079
Aviation Gasoline Blend. Comp. (net)	14	-	11	-	-	25	-	-	25
Total Input to Refineries	13,237	99,655	66,610	6,013	1,300	186,815	14,860	39,120	328,974
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	696	5,149	3,184	222	75	9,326	614	2,444	17,136
Operable Capacity (daily average)	744	5,472	3,330	260	110	9,917	650	2,620	18,272
Operable Utilization Rate (percent) ²	93.6	94.1	95.6	85.4	67.9	94.1	94.5	93.3	93.8
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	160	737	603	41	17	1,558	93	394	2,922
Catalytic Cracking	182	1,329	909	16	19	2,455	164	687	4,618
Catalytic Hydrocracking	49	578	473	18	7	1,125	16	411	1,891
Delayed and Fluid Coking	28	809	516	32	-	1,384	61	386	2,354
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.65	1.51	1.39	1.44	1.05	1.37	1.42	1.29	1.36
API Gravity, Weighted Average (degrees)	39.74	33.72	30.65	32.29	37.83	33.32	31.42	28.54	32.85
Operable Capacity (daily average)	744	5,472	3,330	260	110	9,917	650	2,620	18,272
Operating	744	5,472	3,195	260	110	9,781	641	2,620	18,127
Idle	-	-	136	-	-	136	10	-	145
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-	14,604	14,604

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, August 2023
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	21,395	3,123	24,518	83,833	17,424	27,615	128,872
Hydrocarbon Gas Liquids	127	-	127	1,947	70	780	2,797
Natural Gas Liquids	127	-	127	1,947	70	780	2,797
Normal Butane	1	-	1	1	-	5	6
Isobutane	126	-	126	1,382	70	367	1,819
Natural Gasoline	-	-	-	564	-	408	972
Other Liquids	-8,185	-21	-8,206	-38,745	-5,677	-11,931	-56,353
Hydrogen/Biofuels/Other Hydrocarbons	159	162	321	922	559	447	1,928
Hydrogen	91	14	105	662	299	194	1,155
Biofuels (Including Fuel Ethanol)	68	148	216	246	260	253	759
Fuel Ethanol	68	112	180	203	185	156	544
Biodiesel	-	36	36	43	75	24	142
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	73	73
Other Hydrocarbons	-	-	-	14	-	-	14
Unfinished Oils (net)	1,835	-189	1,646	-594	-302	-962	-1,858
Naphthas and Lighter	621	-134	487	426	-29	-103	294
Kerosene and Light Gas Oils	274	-	274	-144	34	-48	-158
Heavy Gas Oils	182	-54	128	-450	-307	-652	-1,409
Residuum	758	-1	757	-426	-	-159	-585
Motor Gasoline Blend.Comp. (MGBC)(net)	-10,179	6	-10,173	-39,073	-5,934	-11,416	-56,423
Reformulated - RBOB	-7,159	-	-7,159	-8,007	-	-	-8,007
Conventional	-3,020	6	-3,014	-31,066	-5,934	-11,416	-48,416
CBOB	-2,593	23	-2,570	-30,830	-5,867	-11,485	-48,182
GTAB	-	-	-	-	-	-	-
Other	-427	-17	-444	-236	-67	69	-234
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	13,337	3,102	16,439	47,035	11,817	16,464	75,316
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	709	101	810	2,705	576	889	4,170
Operable Capacity (daily average)	780	98	878	2,731	549	928	4,208
Operable Utilization Rate (percent) ²	90.9	102.8	92.3	99.1	104.9	95.8	99.1
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	130	15	145	514	83	165	761
Catalytic Cracking	247	17	265	801	145	201	1,147
Catalytic Hydrocracking	39	-	39	185	63	41	288
Delayed and Fluid Coking	32	-	32	336	74	78	488
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.92	1.80	1.04	1.48	1.82	0.70	1.36
API Gravity, Weighted Average (degrees)	34.06	31.60	33.73	33.92	27.72	38.83	34.07
Operable Capacity (daily average)	780	98	878	2,731	549	928	4,208
Operating	780	98	878	2,731	549	928	4,208
Idle	-	-	-	-	-	-	-
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, August 2023
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	19,885	151,038	92,591	8,099	2,498	274,111	19,214	70,659	517,374
Hydrocarbon Gas Liquids	462	4,498	3,332	30	89	8,411	410	795	12,540
Natural Gas Liquids	462	4,498	3,332	30	89	8,411	410	795	12,540
Normal Butane	213	1,050	435	—	—	1,698	122	87	1,914
Isobutane	201	2,498	1,620	27	89	4,435	174	694	7,248
Natural Gasoline	48	950	1,277	3	—	2,278	114	14	3,378
Other Liquids	-7,742	-59,713	-31,126	-1,953	-1,244	-101,778	-4,744	-30,813	-201,894
Hydrogen/Biofuels/Other Hydrocarbons	349	2,580	1,702	148	63	4,842	612	1,997	9,700
Hydrogen	105	2,532	1,423	91	29	4,180	235	1,427	7,102
Biofuels (Including Fuel Ethanol)	244	48	279	57	34	662	377	570	2,584
Fuel Ethanol	203	43	200	57	7	510	298	144	1,676
Biodiesel	41	—	37	—	8	86	45	16	325
Renewable Diesel Fuel	—	—	19	—	—	19	—	410	429
Other Biofuels ¹	—	5	23	—	19	47	34	—	154
Other Hydrocarbons	—	—	—	—	—	—	—	—	14
Unfinished Oils (net)	-499	-8,166	7,900	-233	22	-976	-195	1,716	333
Naphthas and Lighter	-205	-9,603	374	12	10	-9,412	-58	-23	-8,712
Kerosene and Light Gas Oils	101	-2,770	-849	-65	17	-3,566	-105	163	-3,392
Heavy Gas Oils	-339	1,313	7,645	-112	-5	8,502	43	1,943	9,207
Residuum	-56	2,894	730	-68	—	3,500	-75	-367	3,230
Motor Gasoline Blend.Comp. (MGBC)(net)	-7,601	-54,127	-40,741	-1,868	-1,329	-105,666	-5,161	-34,526	-211,949
Reformulated - RBOB	-127	-15,179	-5,134	—	-416	-20,856	—	-25,248	-61,270
Conventional	-7,474	-38,948	-35,607	-1,868	-913	-84,810	-5,161	-9,278	-150,679
CBOB	-7,276	-29,179	-33,722	-1,851	-892	-72,920	-5,070	-9,708	-138,450
GTAB	—	—	—	—	—	—	—	—	—
Other	-198	-9,769	-1,885	-17	-21	-11,890	-91	430	-12,229
Aviation Gasoline Blend. Comp. (net)	9	—	13	—	—	22	—	—	22
Total Input to Refineries	12,605	95,823	64,797	6,176	1,343	180,744	14,880	40,641	328,020
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	648	5,040	3,178	229	81	9,175	621	2,425	17,201
Operable Capacity (daily average)	744	5,472	3,330	260	110	9,917	650	2,620	18,272
Operable Utilization Rate (percent) ²	87.1	92.1	95.4	87.8	73.3	92.5	95.6	92.6	94.1
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	152	686	609	41	17	1,505	91	374	2,875
Catalytic Cracking	157	1,299	895	18	22	2,390	169	667	4,637
Catalytic Hydrocracking	27	579	441	19	15	1,081	16	454	1,877
Delayed and Fluid Coking	26	776	521	32	—	1,355	63	374	2,312
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.61	1.53	1.33	1.47	1.01	1.37	1.47	1.24	1.33
API Gravity, Weighted Average (degrees)	39.91	34.80	30.51	30.93	37.85	33.79	31.72	29.01	33.09
Operable Capacity (daily average)	744	5,472	3,330	260	110	9,917	650	2,620	18,272
Operating	744	5,427	3,195	260	110	9,736	641	2,620	18,082
Idle	—	45	136	—	—	181	10	—	190
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	14,896	14,896

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, September 2023
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	17,336	2,899	20,235	79,557	13,233	21,679	114,469
Hydrocarbon Gas Liquids	244	-	244	2,193	86	877	3,156
Natural Gas Liquids	244	-	244	2,193	86	877	3,156
Normal Butane	187	-	187	168	-	4	172
Isobutane	57	-	57	1,378	86	405	1,869
Natural Gasoline	-	-	-	647	-	468	1,115
Other Liquids	-6,637	-19	-6,656	-38,679	-4,403	-8,647	-51,729
Hydrogen/Biofuels/Other Hydrocarbons	158	154	312	857	440	426	1,723
Hydrogen	94	14	108	628	200	188	1,016
Biofuels (Including Fuel Ethanol)	64	140	204	224	240	238	702
Fuel Ethanol	64	107	171	186	172	146	504
Biodiesel	-	33	33	38	68	22	128
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	70	70
Other Hydrocarbons	-	-	-	5	-	-	5
Unfinished Oils (net)	2,018	-140	1,878	-1,160	74	364	-722
Naphthas and Lighter	509	-73	436	-327	-34	205	-156
Kerosene and Light Gas Oils	195	-	195	-126	-4	12	-118
Heavy Gas Oils	316	-72	244	-722	112	70	-540
Residuum	998	5	1,003	15	-	77	92
Motor Gasoline Blend.Comp. (MGBC)(net)	-8,813	-33	-8,846	-38,376	-4,917	-9,437	-52,730
Reformulated - RBOB	-6,090	-	-6,090	-7,040	-	-	-7,040
Conventional	-2,723	-33	-2,756	-31,336	-4,917	-9,437	-45,690
CBOB	-2,151	-13	-2,164	-30,876	-4,844	-9,461	-45,181
GTAB	-	-	-	-	-	-	-
Other	-572	-20	-592	-460	-73	24	-509
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	10,943	2,880	13,823	43,071	8,916	13,909	65,896
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	634	97	730	2,651	454	726	3,832
Operable Capacity (daily average)	780	98	878	2,731	549	928	4,208
Operable Utilization Rate (percent) ²	81.3	98.4	83.2	97.1	82.8	78.2	91.1
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	120	16	136	482	57	147	687
Catalytic Cracking	221	16	237	806	134	188	1,128
Catalytic Hydrocracking	32	-	32	196	42	41	280
Delayed and Fluid Coking	39	-	39	342	42	62	446
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.93	1.78	1.04	1.55	1.69	0.66	1.40
API Gravity, Weighted Average (degrees)	33.18	31.92	33.01	33.72	28.74	38.50	34.00
Operable Capacity (daily average)	780	98	878	2,731	549	928	4,208
Operating	780	98	878	2,731	549	928	4,208
Idle	-	-	-	-	-	-	-
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, September 2023
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	18,701	144,750	89,611	7,984	2,561	263,607	19,055	69,813	487,179
Hydrocarbon Gas Liquids	609	4,089	4,389	52	93	9,232	460	623	13,715
Natural Gas Liquids	609	4,089	4,389	52	93	9,232	460	623	13,715
Normal Butane	275	1,184	1,487	8	—	2,954	126	29	3,468
Isobutane	304	2,004	1,494	43	93	3,938	180	585	6,629
Natural Gasoline	30	901	1,408	1	—	2,340	154	9	3,618
Other Liquids	-7,424	-56,137	-35,157	-1,818	-1,304	-101,840	-4,315	-32,014	-196,554
Hydrogen/Biofuels/Other Hydrocarbons	340	2,490	1,732	142	68	4,772	571	1,754	9,132
Hydrogen	103	2,417	1,498	84	36	4,138	224	1,393	6,879
Biofuels (Including Fuel Ethanol)	237	73	234	58	32	634	347	361	2,248
Fuel Ethanol	194	42	189	58	7	490	282	132	1,579
Biodiesel	43	—	35	—	9	87	37	15	300
Renewable Diesel Fuel	—	—	—	—	—	—	—	214	214
Other Biofuels ¹	—	31	10	—	16	57	28	—	155
Other Hydrocarbons	—	—	—	—	—	—	—	—	5
Unfinished Oils (net)	-211	-9,230	4,229	-132	-149	-5,493	-17	392	-3,962
Naphthas and Lighter	-54	-8,127	-28	-22	-134	-8,365	63	414	-7,608
Kerosene and Light Gas Oils	153	-2,185	-1,600	-18	8	-3,642	24	-868	-4,409
Heavy Gas Oils	-84	-1,787	6,240	-19	-23	4,327	-22	596	4,605
Residuum	-226	2,869	-383	-73	—	2,187	-82	250	3,450
Motor Gasoline Blend.Comp. (MGBC)(net)	-7,562	-49,397	-41,124	-1,828	-1,223	-101,134	-4,869	-34,160	-201,739
Reformulated - RBOB	-524	-12,727	-1,951	—	-411	-15,613	—	-24,815	-53,558
Conventional	-7,038	-36,670	-39,173	-1,828	-812	-85,521	-4,869	-9,345	-148,181
CBOB	-6,890	-28,091	-36,078	-1,775	-816	-73,650	-4,840	-9,012	-134,847
GTAB	—	—	—	—	—	—	—	—	—
Other	-148	-8,579	-3,095	-53	4	-11,871	-29	-333	-13,334
Aviation Gasoline Blend. Comp. (net)	9	—	6	—	—	15	—	—	15
Total Input to Refineries	11,886	92,702	58,843	6,218	1,350	170,999	15,200	38,422	304,340
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	645	4,985	3,086	232	85	9,033	631	2,485	16,712
Operable Capacity (daily average)	744	5,472	3,330	260	110	9,917	650	2,620	18,272
Operable Utilization Rate (percent) ²	86.7	91.1	92.7	89.2	77.6	91.1	97.0	94.9	91.5
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	133	719	552	40	17	1,462	95	393	2,773
Catalytic Cracking	165	1,192	855	19	23	2,255	170	638	4,429
Catalytic Hydrocracking	47	575	475	19	12	1,128	15	457	1,911
Delayed and Fluid Coking	28	800	471	33	—	1,333	52	369	2,239
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.63	1.56	1.30	1.41	0.88	1.37	1.37	1.31	1.36
API Gravity, Weighted Average (degrees)	39.54	33.88	30.85	30.91	38.30	33.38	32.30	29.18	32.88
Operable Capacity (daily average)	744	5,472	3,330	260	110	9,917	650	2,620	18,272
Operating	744	5,472	3,330	260	110	9,917	641	2,620	18,263
Idle	—	—	—	—	—	—	10	—	10
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	12,077	12,077

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, October 2023
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	15,452	3,101	18,553	76,228	13,795	23,962	113,985
Hydrocarbon Gas Liquids	336	-	336	2,743	62	845	3,650
Natural Gas Liquids	336	-	336	2,743	62	845	3,650
Normal Butane	336	-	336	584	-	22	606
Isobutane	-	-	-	1,585	62	480	2,127
Natural Gasoline	-	-	-	574	-	343	917
Other Liquids	-6,443	107	-6,336	-39,953	-5,133	-9,972	-55,058
Hydrogen/Biofuels/Other Hydrocarbons	126	168	294	1,004	398	520	1,922
Hydrogen	57	11	68	750	189	273	1,212
Biofuels (Including Fuel Ethanol)	69	157	226	238	209	247	694
Fuel Ethanol	69	126	195	195	185	154	534
Biodiesel	-	31	31	43	24	25	92
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	68	68
Other Hydrocarbons	-	-	-	16	-	-	16
Unfinished Oils (net)	685	-104	581	-1,116	-485	-473	-2,074
Naphthas and Lighter	411	-24	387	415	-63	-8	344
Kerosene and Light Gas Oils	-253	-	-253	-886	-77	-50	-1,013
Heavy Gas Oils	129	-79	50	-234	-345	-309	-888
Residuum	398	-1	397	-411	-	-106	-517
Motor Gasoline Blend.Comp. (MGBC)(net)	-7,254	43	-7,211	-39,841	-5,046	-10,019	-54,906
Reformulated - RBOB	-5,168	-	-5,168	-6,812	-	-	-6,812
Conventional	-2,086	43	-2,043	-33,029	-5,046	-10,019	-48,094
CBOB	-1,965	-4	-1,969	-32,462	-5,233	-9,984	-47,679
GTAB	-	-	-	-	-	-	-
Other	-121	47	-74	-567	187	-35	-415
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	9,345	3,208	12,553	39,018	8,724	14,835	62,577
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	549	100	649	2,458	457	770	3,685
Operable Capacity (daily average)	780	98	878	2,731	549	928	4,208
Operable Utilization Rate (percent) ²	70.4	101.8	73.9	90.0	83.3	82.9	87.6
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	95	16	111	443	59	153	654
Catalytic Cracking	189	15	204	741	118	176	1,036
Catalytic Hydrocracking	16	-	16	201	45	42	288
Delayed and Fluid Coking	35	-	35	337	55	66	458
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	1.04	1.86	1.16	1.62	1.63	0.69	1.42
API Gravity, Weighted Average (degrees)	30.72	31.18	30.79	32.58	28.94	38.53	33.33
Operable Capacity (daily average)	780	98	878	2,731	549	928	4,208
Operating	590	98	688	2,731	549	928	4,208
Idle	190	-	190	-	-	-	-
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, October 2023
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	15,708	144,709	88,138	8,038	2,782	259,375	19,804	64,347	476,064
Hydrocarbon Gas Liquids	472	5,291	4,360	86	105	10,314	488	1,023	15,811
Natural Gas Liquids	472	5,291	4,360	86	105	10,314	488	1,023	15,811
Normal Butane	172	1,705	2,007	31	4	3,919	160	693	5,714
Isobutane	300	2,614	1,465	53	101	4,533	184	306	7,150
Natural Gasoline	-	972	888	2	-	1,862	144	24	2,947
Other Liquids	-6,529	-58,098	-31,935	-1,944	-1,380	-99,886	-4,923	-29,882	-196,085
Hydrogen/Biofuels/Other Hydrocarbons	279	2,523	1,806	153	64	4,825	601	1,626	9,268
Hydrogen	29	2,428	1,541	90	40	4,128	234	1,240	6,882
Biofuels (Including Fuel Ethanol)	250	95	265	63	24	697	367	386	2,370
Fuel Ethanol	194	42	198	63	6	503	307	142	1,681
Biodiesel	56	-	39	-	5	100	22	15	260
Renewable Diesel Fuel	-	-	-	-	-	-	-	161	161
Other Biofuels ¹	-	53	28	-	13	94	38	68	268
Other Hydrocarbons	-	-	-	-	-	-	-	-	16
Unfinished Oils (net)	493	-9,424	6,332	-158	-1	-2,758	-160	388	-4,023
Naphthas and Lighter	448	-9,250	1	-26	30	-8,797	-94	-108	-8,268
Kerosene and Light Gas Oils	-37	-1,549	-1,496	-26	-20	-3,128	-9	-195	-4,598
Heavy Gas Oils	-10	-969	7,730	7	-11	6,747	-90	623	6,442
Residuum	92	2,344	97	-113	-	2,420	33	68	2,401
Motor Gasoline Blend.Comp. (MGBC)(net)	-7,298	-51,197	-40,081	-1,939	-1,443	-101,958	-5,364	-31,896	-201,335
Reformulated - RBOB	-1,067	-13,453	-1,463	-	-665	-16,648	-	-24,420	-53,048
Conventional	-6,231	-37,744	-38,618	-1,939	-778	-85,310	-5,364	-7,476	-148,287
CBOB	-6,553	-29,501	-35,454	-1,926	-786	-74,220	-5,442	-8,496	-137,806
GTAB	-	-	-	-	-	-	-	-	-
Other	322	-8,243	-3,164	-13	8	-11,090	78	1,020	-10,481
Aviation Gasoline Blend. Comp. (net)	-3	-	8	-	-	5	-	-	5
Total Input to Refineries	9,651	91,902	60,563	6,180	1,507	169,803	15,369	35,488	295,790
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	510	4,829	2,946	227	90	8,601	642	2,259	15,836
Operable Capacity (daily average)	744	5,472	3,330	260	110	9,917	650	2,620	18,272
Operable Utilization Rate (percent) ²	68.5	88.3	88.5	87.1	81.6	86.7	98.7	86.2	86.7
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	121	670	534	40	21	1,387	95	358	2,605
Catalytic Cracking	138	1,169	838	20	22	2,188	171	541	4,140
Catalytic Hydrocracking	29	552	500	19	14	1,114	17	405	1,841
Delayed and Fluid Coking	27	753	462	31	-	1,273	57	317	2,140
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.49	1.60	1.43	1.37	0.85	1.43	1.39	1.28	1.39
API Gravity, Weighted Average (degrees)	40.64	34.29	30.04	32.39	38.76	33.43	32.00	29.23	32.68
Operable Capacity (daily average)	744	5,472	3,330	260	110	9,917	650	2,620	18,272
Operating	744	5,472	3,102	260	110	9,689	641	2,620	17,845
Idle	-	-	228	-	-	228	10	-	428
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-	15,026	15,026

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, November 2023
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	19,230	2,952	22,182	69,976	16,785	27,456	114,217
Hydrocarbon Gas Liquids	349	-	349	2,669	78	791	3,538
Natural Gas Liquids	349	-	349	2,669	78	791	3,538
Normal Butane	349	-	349	772	-	80	852
Isobutane	-	-	-	1,251	78	497	1,826
Natural Gasoline	-	-	-	646	-	214	860
Other Liquids	-7,965	125	-7,840	-35,831	-6,595	-11,812	-54,238
Hydrogen/Biofuels/Other Hydrocarbons	142	160	302	1,002	436	505	1,943
Hydrogen	75	12	87	784	246	287	1,317
Biofuels (Including Fuel Ethanol)	67	148	215	218	190	218	626
Fuel Ethanol	67	125	192	182	172	142	496
Biodiesel	-	23	23	36	18	25	79
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	51	51
Other Hydrocarbons	-	-	-	-	-	-	-
Unfinished Oils (net)	751	-78	673	-283	-207	176	-314
Naphthas and Lighter	306	-18	288	415	-102	254	567
Kerosene and Light Gas Oils	226	-	226	68	-59	-35	-26
Heavy Gas Oils	89	-59	30	-396	-46	75	-367
Residuum	130	-1	129	-370	-	-118	-488
Motor Gasoline Blend.Comp. (MGBC)(net)	-8,858	43	-8,815	-36,550	-6,824	-12,493	-55,867
Reformulated - RBOB	-5,782	-	-5,782	-6,471	-	-	-6,471
Conventional	-3,076	43	-3,033	-30,079	-6,824	-12,493	-49,396
CBOB	-2,427	26	-2,401	-29,459	-6,718	-12,338	-48,515
GTAB	-	-	-	-	-	-	-
Other	-649	17	-632	-620	-106	-155	-881
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	11,614	3,077	14,691	36,814	10,268	16,435	63,517
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	673	98	771	2,340	569	913	3,822
Operable Capacity (daily average)	854	98	952	2,731	549	928	4,208
Operable Utilization Rate (percent) ²	78.9	100.1	81.0	85.7	103.7	98.3	90.8
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	122	16	138	404	80	175	659
Catalytic Cracking	213	15	229	681	143	219	1,044
Catalytic Hydrocracking	34	-	34	199	61	48	308
Delayed and Fluid Coking	39	-	39	340	61	81	481
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.81	1.73	0.94	1.74	1.65	0.65	1.47
API Gravity, Weighted Average (degrees)	33.39	32.05	33.20	32.32	28.71	38.91	33.30
Operable Capacity (daily average)	854	98	952	2,731	549	928	4,208
Operating	590	98	688	2,731	549	928	4,208
Idle	264	-	264	-	-	-	-
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, November 2023
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	16,011	146,326	89,168	7,515	2,711	261,731	18,388	61,597	478,115
Hydrocarbon Gas Liquids	547	5,641	4,725	72	143	11,128	494	1,141	16,650
Natural Gas Liquids	547	5,641	4,725	72	143	11,128	494	1,141	16,650
Normal Butane	256	2,247	2,580	30	25	5,138	211	658	7,208
Isobutane	256	2,590	1,410	41	118	4,415	206	466	6,913
Natural Gasoline	35	804	735	1	-	1,575	77	17	2,529
Other Liquids	-7,108	-58,118	-28,474	-1,687	-1,594	-96,981	-4,476	-28,306	-191,841
Hydrogen/Biofuels/Other Hydrocarbons	272	2,573	1,784	108	80	4,817	547	1,547	9,156
Hydrogen	46	2,425	1,559	47	43	4,120	212	1,231	6,967
Biofuels (Including Fuel Ethanol)	226	148	225	61	37	697	335	316	2,189
Fuel Ethanol	191	40	184	61	6	482	296	118	1,584
Biodiesel	35	-	34	-	7	76	18	13	209
Renewable Diesel Fuel	-	-	-	-	-	-	-	110	110
Other Biofuels ¹	-	108	7	-	24	139	21	75	286
Other Hydrocarbons	-	-	-	-	-	-	-	-	-
Unfinished Oils (net)	-95	-5,620	9,543	44	-62	3,810	-74	1,098	5,193
Naphthas and Lighter	318	-7,579	858	38	-12	-6,377	43	-103	-5,582
Kerosene and Light Gas Oils	-42	-2,029	320	-34	-34	-1,819	110	-711	-2,220
Heavy Gas Oils	-114	1,124	7,847	111	-16	8,952	-243	2,013	10,385
Residuum	-257	2,864	518	-71	-	3,054	16	-101	2,610
Motor Gasoline Blend.Comp. (MGBC)(net)	-7,283	-55,071	-39,802	-1,839	-1,612	-105,607	-4,949	-30,951	-206,189
Reformulated - RBOB	-800	-12,563	-2,022	-	-615	-16,000	-	-22,730	-50,983
Conventional	-6,483	-42,508	-37,780	-1,839	-997	-89,607	-4,949	-8,221	-155,206
CBOB	-6,659	-32,429	-35,695	-1,811	-948	-77,542	-4,814	-8,033	-141,305
GTAB	-	-	-	-	-	-	-	-	-
Other	176	-10,079	-2,085	-28	-49	-12,065	-135	-188	-13,901
Aviation Gasoline Blend. Comp. (net)	-2	-	1	-	-	-1	-	-	-1
Total Input to Refineries	9,450	93,849	65,419	5,900	1,260	175,878	14,406	34,432	302,924
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	558	5,039	3,107	229	90	9,023	615	2,256	16,487
Operable Capacity (daily average)	744	5,472	3,330	260	110	9,917	650	2,620	18,346
Operable Utilization Rate (percent) ²	75.0	92.1	93.3	87.9	82.2	91.0	94.5	86.1	89.9
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	120	714	547	39	20	1,439	92	335	2,663
Catalytic Cracking	134	1,302	860	19	25	2,339	162	550	4,322
Catalytic Hydrocracking	35	579	490	19	15	1,138	16	400	1,896
Delayed and Fluid Coking	15	815	518	20	-	1,367	62	321	2,271
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.52	1.69	1.29	1.41	0.82	1.43	1.40	1.23	1.39
API Gravity, Weighted Average (degrees)	39.87	34.18	31.07	34.28	39.21	33.73	33.17	29.27	32.97
Operable Capacity (daily average)	744	5,472	3,330	260	110	9,917	650	2,620	18,346
Operating	744	5,472	3,330	260	110	9,917	641	2,620	18,073
Idle	-	-	-	-	-	-	10	-	274
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-	14,279	14,279

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, December 2023
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	21,044	2,992	24,036	77,688	16,795	27,991	122,474
Hydrocarbon Gas Liquids	493	-	493	2,920	85	760	3,765
Natural Gas Liquids	493	-	493	2,920	85	760	3,765
Normal Butane	362	-	362	878	-	79	957
Isobutane	131	-	131	1,532	85	513	2,130
Natural Gasoline	-	-	-	510	-	168	678
Other Liquids	-9,151	-8	-9,159	-39,730	-6,369	-12,496	-58,595
Hydrogen/Biofuels/Other Hydrocarbons	147	144	291	1,069	508	502	2,079
Hydrogen	81	13	94	833	317	291	1,441
Biofuels (Including Fuel Ethanol)	66	131	197	215	191	211	617
Fuel Ethanol	66	111	177	183	176	147	506
Biodiesel	-	20	20	32	15	22	69
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	42	42
Other Hydrocarbons	-	-	-	21	-	-	21
Unfinished Oils (net)	1,674	-49	1,625	758	434	531	1,723
Naphthas and Lighter	156	-12	144	461	-7	297	751
Kerosene and Light Gas Oils	177	-	177	34	-108	19	-55
Heavy Gas Oils	714	-36	678	124	549	185	858
Residuum	627	-1	626	139	-	30	169
Motor Gasoline Blend.Comp. (MGBC)(net)	-10,972	-103	-11,075	-41,557	-7,311	-13,529	-62,397
Reformulated - RBOB	-7,574	-	-7,574	-6,225	-	-	-6,225
Conventional	-3,398	-103	-3,501	-35,332	-7,311	-13,529	-56,172
CBOB	-2,475	-110	-2,585	-34,037	-7,189	-13,610	-54,836
GTAB	-	-	-	-	-	-	-
Other	-923	7	-916	-1,295	-122	81	-1,336
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	12,386	2,984	15,370	40,878	10,511	16,255	67,644
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	745	96	842	2,510	572	901	3,983
Operable Capacity (daily average)	854	98	952	2,732	549	928	4,210
Operable Utilization Rate (percent) ²	87.3	98.1	88.4	91.9	104.2	97.1	94.6
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	123	16	139	437	78	171	686
Catalytic Cracking	241	15	256	748	146	220	1,115
Catalytic Hydrocracking	42	-	42	209	66	44	319
Delayed and Fluid Coking	40	-	40	360	74	79	514
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.78	1.79	0.91	1.76	1.75	0.67	1.51
API Gravity, Weighted Average (degrees)	34.87	32.12	34.51	32.55	28.22	39.22	33.40
Operable Capacity (daily average)	854	98	952	2,732	549	928	4,210
Operating	812	98	910	2,732	549	928	4,210
Idle	42	-	42	-	-	-	-
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, December 2023
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	19,844	156,412	93,452	8,072	2,579	280,359	17,848	66,840	511,557
Hydrocarbon Gas Liquids	647	6,034	4,737	76	138	11,632	573	1,478	17,941
Natural Gas Liquids	647	6,034	4,737	76	138	11,632	573	1,478	17,941
Normal Butane	313	2,569	2,522	38	25	5,467	281	922	7,989
Isobutane	308	2,540	1,550	37	113	4,548	204	539	7,552
Natural Gasoline	26	925	665	1	-	1,617	88	17	2,400
Other Liquids	-9,091	-58,817	-29,850	-1,988	-1,509	-101,255	-4,716	-31,806	-205,531
Hydrogen/Biofuels/Other Hydrocarbons	350	2,578	1,943	125	74	5,070	479	1,654	9,573
Hydrogen	105	2,420	1,697	63	39	4,324	206	1,367	7,432
Biofuels (Including Fuel Ethanol)	245	158	246	62	35	746	273	287	2,120
Fuel Ethanol	190	40	197	62	6	495	245	115	1,538
Biodiesel	55	1	43	-	-	99	7	7	202
Renewable Diesel Fuel	-	-	-	-	-	-	-	106	106
Other Biofuels ¹	-	117	6	-	29	152	21	59	274
Other Hydrocarbons	-	-	-	-	-	-	-	-	21
Unfinished Oils (net)	66	-4,579	9,558	-112	-140	4,793	-43	1,181	9,279
Naphthas and Lighter	175	-7,895	152	-63	5	-7,626	-47	241	-6,537
Kerosene and Light Gas Oils	-27	-1,819	664	-16	-84	-1,282	-21	-285	-1,466
Heavy Gas Oils	-83	2,112	7,090	59	-61	9,117	78	928	11,659
Residuum	1	3,023	1,652	-92	-	4,584	-53	297	5,623
Motor Gasoline Blend.Comp. (MGBC)(net)	-9,512	-56,816	-41,353	-2,001	-1,443	-111,125	-5,152	-34,641	-224,390
Reformulated - RBOB	-1,531	-12,675	-2,225	-	-599	-17,030	-	-24,986	-55,815
Conventional	-7,981	-44,141	-39,128	-2,001	-844	-94,095	-5,152	-9,655	-168,575
CBOB	-7,842	-32,193	-36,081	-1,988	-883	-78,987	-5,238	-8,632	-150,278
GTAB	-	-	-	-	-	-	-	-	-
Other	-139	-11,948	-3,047	-13	39	-15,108	86	-1,023	-18,297
Aviation Gasoline Blend. Comp. (net)	5	-	2	-	-	7	-	-	7
Total Input to Refineries	11,400	103,629	68,339	6,160	1,208	190,736	13,705	36,512	323,967
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	642	5,197	3,148	229	83	9,299	575	2,375	17,074
Operable Capacity (daily average)	744	5,472	3,330	260	110	9,917	650	2,620	18,348
Operable Utilization Rate (percent) ²	86.4	95.0	94.5	87.8	75.6	93.8	88.5	90.7	93.1
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	149	781	529	41	16	1,517	90	346	2,778
Catalytic Cracking	157	1,328	832	19	22	2,359	154	609	4,493
Catalytic Hydrocracking	39	568	476	19	10	1,112	16	445	1,934
Delayed and Fluid Coking	16	800	532	30	-	1,377	62	348	2,340
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.58	1.60	1.26	1.41	0.69	1.37	1.36	1.42	1.39
API Gravity, Weighted Average (degrees)	39.84	34.64	30.97	32.70	39.88	33.90	31.88	28.58	33.06
Operable Capacity (daily average)	744	5,472	3,330	260	110	9,917	650	2,620	18,348
Operating	744	5,472	3,330	260	110	9,917	641	2,620	18,296
Idle	-	-	-	-	-	-	10	-	52
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-	14,004	14,004

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, January 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	481	-16	465	932	-193	314	1,053
Natural Gas Liquids	181	-16	165	141	-307	130	-36
Ethane	-	-	-	-	-	-	-
Propane	475	29	504	1,435	298	511	2,244
Normal Butane	-268	-28	-296	-1,169	-578	-381	-2,128
Isobutane	-26	-17	-43	-125	-27	0	-152
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	300	-	300	791	114	184	1,089
Ethylene	11	-	11	-	-	-	-
Propylene	264	-	264	784	114	184	1,082
Butylene	1	-	1	7	-	-	7
Isobutylene	24	-	24	-	-	-	-
Finished Motor Gasoline	618	1,181	1,799	2,829	1,905	3,016	7,750
Reformulated	618	-	618	-	-	4	4
Reformulated Blended with Fuel Ethanol	618	-	618	-	-	4	4
Reformulated Other	-	-	-	-	-	-	-
Conventional	-	1,181	1,181	2,829	1,905	3,012	7,746
Conventional Blended with Fuel Ethanol	-	1,144	1,144	1,820	1,530	1,446	4,796
Ed55 and Lower	-	1,144	1,144	1,820	1,530	1,446	4,796
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	-	37	37	1,009	375	1,566	2,950
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	3,141	-	3,141	5,403	795	1,115	7,313
Kerosene	76	2	78	137	-	73	210
Distillate Fuel Oil	5,872	735	6,607	19,350	5,773	9,843	34,966
15 ppm sulfur and under	5,755	735	6,490	19,263	5,847	9,915	35,025
Greater than 15 ppm to 500 ppm sulfur	38	-	38	-	-	29	29
Greater than 500 ppm sulfur	79	0	79	87	-74	-101	-88
Residual Fuel Oil	917	12	929	616	151	128	895
Less than 0.31 percent sulfur	-	11	11	22	-	-	22
0.31 to 1.00 percent sulfur	666	1	667	343	72	36	451
Greater than 1.00 percent sulfur	251	-	251	251	79	92	422
Petrochemical Feedstocks	-	12	12	800	-	-	800
Naphtha for Petro. Feed. Use	-	-	-	401	-	-	401
Other Oils for Petro. Feed. Use	-	12	12	399	-	-	399
Special Naphthas	-	-5	-5	-29	-	14	-15
Lubricants	206	166	372	-	-	182	182
Waxes	-	-28	-28	-	-	40	40
Petroleum Coke	660	20	680	3,707	977	849	5,533
Marketable	252	-	252	2,763	821	619	4,203
Catalyst	408	20	428	944	156	230	1,330
Asphalt and Road Oil	369	676	1,045	3,389	1,376	200	4,965
Still Gas	786	52	838	2,433	641	1,009	4,083
Miscellaneous Products	44	39	83	322	123	40	485
Total	13,170	2,846	16,016	39,889	11,548	16,823	68,260
Processing Gain(-) or Loss(+)	-1,073	-4	-1,077	-4,450	-1,353	-988	-6,791

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, January 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	200	4,922	4,504	-43	-21	9,562	-11	-171	10,898
Natural Gas Liquids	-63	2,160	1,913	-57	-21	3,932	21	-335	3,747
Ethane	6	69	31	-	-	106	-	-	106
Propane	306	2,296	1,899	13	26	4,540	167	791	8,246
Normal Butane	-367	-14	-78	-70	-47	-576	-137	-1,168	-4,305
Isobutane	-8	-191	61	-	-	-138	-9	42	-300
Natural Gasoline	-	-	-	-	-	-	-	-	-
Refinery Olefins	263	2,762	2,591	14	-	5,630	-32	164	7,151
Ethylene	-	3	-	-	-	3	-	-	14
Propylene	264	2,939	2,497	14	-	5,714	-9	178	7,229
Butylene	-1	-180	94	-	-	-87	-23	-14	-116
Isobutylene	-	-	-	-	-	-	-	-	24
Finished Motor Gasoline	1,891	13,108	8,757	521	151	24,428	3,655	3,218	40,850
Reformulated	-	-	-	-	-	-	-	611	1,233
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	611	1,233
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	1,891	13,108	8,757	521	151	24,428	3,655	2,607	39,617
Conventional Blended with Fuel Ethanol	1,497	401	1,761	466	52	4,177	1,689	643	12,449
Ed55 and Lower	1,497	401	1,761	466	52	4,177	1,689	643	12,449
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	394	12,707	6,996	55	99	20,251	1,966	1,964	27,168
Finished Aviation Gasoline	47	57	98	-	-	202	3	-	205
Kerosene-Type Jet Fuel	1,573	14,900	10,029	123	-	26,625	568	12,533	50,180
Kerosene	2	218	0	32	-	252	-	2	542
Distillate Fuel Oil	5,614	42,028	33,488	2,488	652	84,270	5,354	13,378	144,575
15 ppm sulfur and under	5,612	41,602	29,298	2,452	652	79,616	5,262	12,727	139,120
Greater than 15 ppm to 500 ppm sulfur	2	217	2,021	87	-	2,327	81	258	2,733
Greater than 500 ppm sulfur	-	209	2,169	-51	-	2,327	11	393	2,722
Residual Fuel Oil	286	2,297	1,186	19	-28	3,760	295	2,242	8,121
Less than 0.31 percent sulfur	304	-	825	-	-	1,129	175	40	1,377
0.31 to 1.00 percent sulfur	8	658	416	19	-	1,101	12	571	2,802
Greater than 1.00 percent sulfur	-26	1,639	-55	-	-28	1,530	108	1,631	3,942
Petrochemical Feedstocks	98	3,618	2,165	-	37	5,918	56	-	6,786
Naphtha for Petro. Feed. Use	94	2,385	1,443	-	-	3,922	-	-	4,323
Other Oils for Petro. Feed. Use	4	1,233	722	-	37	1,996	56	-	2,463
Special Naphthas	54	625	-	206	-	885	-	33	898
Lubricants	23	1,708	1,417	716	-	3,864	-	458	4,876
Waxes	-	40	42	13	-	95	-	-	107
Petroleum Coke	345	7,872	5,443	170	19	13,849	719	3,585	24,366
Marketable	132	6,316	4,401	155	-	11,004	536	2,679	18,674
Catalyst	213	1,556	1,042	15	19	2,845	183	906	5,692
Asphalt and Road Oil	176	178	646	1,016	56	2,072	709	671	9,462
Still Gas	694	5,762	3,507	269	71	10,303	627	3,487	19,338
Miscellaneous Products	156	887	470	17	2	1,532	53	395	2,548
Total	11,159	98,220	71,752	5,547	939	187,617	12,028	39,831	323,752
Processing Gain(-) or Loss(+)	-816	-10,084	-7,467	-173	-38	-18,578	-790	-4,741	-31,977

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, February 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	223	-16	207	859	-135	335	1,059
Natural Gas Liquids	187	-16	171	168	-234	197	131
Ethane	-	-	-	-	-	-	-
Propane	322	19	341	1,373	267	468	2,108
Normal Butane	-134	-18	-152	-1,056	-462	-252	-1,770
Isobutane	-1	-17	-18	-149	-39	-19	-207
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	36	-	36	691	99	138	928
Ethylene	-	-	-	-	-	-	-
Propylene	37	-	37	692	99	138	929
Butylene	-1	-	-1	-1	-	-	-1
Isobutylene	-	-	-	-	-	-	-
Finished Motor Gasoline	609	1,216	1,825	2,585	1,721	2,303	6,609
Reformulated	609	-	609	-	-	2	2
Reformulated Blended with Fuel Ethanol	609	-	609	-	-	2	2
Reformulated Other	-	-	-	-	-	-	-
Conventional	-	1,216	1,216	2,585	1,721	2,301	6,607
Conventional Blended with Fuel Ethanol	-	1,192	1,192	1,682	1,433	1,321	4,436
Ed55 and Lower	-	1,192	1,192	1,682	1,433	1,321	4,436
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	-	24	24	903	288	980	2,171
Finished Aviation Gasoline	-	-	-	-	18	-	18
Kerosene-Type Jet Fuel	2,506	-	2,506	4,715	805	916	6,436
Kerosene	107	6	113	94	-	9	103
Distillate Fuel Oil	4,791	758	5,549	18,344	4,952	9,302	32,598
15 ppm sulfur and under	4,830	756	5,586	18,474	4,955	9,353	32,782
Greater than 15 ppm to 500 ppm sulfur	-41	-	-41	-	-	-64	-64
Greater than 500 ppm sulfur	2	2	4	-130	-3	13	-120
Residual Fuel Oil	766	8	774	624	133	137	894
Less than 0.31 percent sulfur	-	7	7	115	-	-	115
0.31 to 1.00 percent sulfur	555	1	556	266	69	41	376
Greater than 1.00 percent sulfur	211	-	211	243	64	96	403
Petrochemical Feedstocks	-	12	12	658	-	-	658
Naphtha for Petro. Feed. Use	-	-	-	307	-	-	307
Other Oils for Petro. Feed. Use	-	12	12	351	-	-	351
Special Naphthas	-	-3	-3	-19	-	18	-1
Lubricants	194	193	387	-	-	203	203
Waxes	-	-14	-14	-	-	38	38
Petroleum Coke	418	19	437	3,499	860	798	5,157
Marketable	212	-	212	2,657	712	579	3,948
Catalyst	206	19	225	842	148	219	1,209
Asphalt and Road Oil	331	610	941	2,990	1,176	305	4,471
Still Gas	580	42	622	2,357	592	990	3,939
Miscellaneous Products	42	15	57	293	158	45	496
Total	10,567	2,846	13,413	36,999	10,280	15,399	62,678
Processing Gain(-) or Loss(+)	-482	13	-469	-3,667	-971	-1,025	-5,663

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, February 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	370	4,742	4,137	-19	7	9,237	113	851	11,467
Natural Gas Liquids	113	2,165	1,976	-44	7	4,217	88	721	5,328
Ethane	3	94	30	-	-	127	-	-	127
Propane	257	2,125	1,824	13	24	4,243	156	687	7,535
Normal Butane	-149	298	29	-57	-17	104	-20	7	-1,831
Isobutane	2	-352	93	-	-	-257	-48	27	-503
Natural Gasoline	-	-	-	-	-	-	-	-	-
Refinery Olefins	257	2,577	2,161	25	-	5,020	25	130	6,139
Ethylene	-	-	-	-	-	-	-	-	-
Propylene	258	2,908	2,030	25	-	5,221	3	142	6,332
Butylene	-1	-331	131	-	-	-201	22	-12	-193
Isobutylene	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	1,603	12,566	6,952	540	149	21,810	3,020	1,986	35,250
Reformulated	-	-	-	-	-	-	-	593	1,204
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	593	1,204
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	1,603	12,566	6,952	540	149	21,810	3,020	1,393	34,046
Conventional Blended with Fuel Ethanol	1,330	395	1,670	503	50	3,948	1,434	574	11,584
Ed55 and Lower	1,330	395	1,670	503	50	3,948	1,434	574	11,584
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	273	12,171	5,282	37	99	17,862	1,586	819	22,462
Finished Aviation Gasoline	37	119	149	-	-	305	3	1	327
Kerosene-Type Jet Fuel	1,269	12,294	9,200	64	-	22,827	710	11,298	43,777
Kerosene	-1	185	-	19	-	203	-	3	422
Distillate Fuel Oil	5,280	37,992	28,661	2,388	814	75,135	5,011	12,122	130,415
15 ppm sulfur and under	5,278	36,783	24,048	2,398	814	69,321	5,021	11,327	124,037
Greater than 15 ppm to 500 ppm sulfur	2	198	1,973	70	-	2,243	-7	274	2,405
Greater than 500 ppm sulfur	-	1,011	2,640	-80	-	3,571	-3	521	3,973
Residual Fuel Oil	273	2,123	1,277	-2	5	3,676	333	2,086	7,763
Less than 0.31 percent sulfur	240	-	762	-	-	1,002	155	44	1,323
0.31 to 1.00 percent sulfur	25	519	461	-2	-	1,003	25	627	2,587
Greater than 1.00 percent sulfur	8	1,604	54	-	5	1,671	153	1,415	3,853
Petrochemical Feedstocks	104	3,209	1,496	-	47	4,856	55	-	5,581
Naphtha for Petro. Feed. Use	96	1,680	890	-	-	2,666	-	-	2,973
Other Oils for Petro. Feed. Use	8	1,529	606	-	47	2,190	55	-	2,608
Special Naphthas	59	532	-	212	-	803	-	-	799
Lubricants	4	1,515	816	626	-	2,961	-	445	3,996
Waxes	-	44	56	15	-	115	-	-	139
Petroleum Coke	348	6,935	4,605	165	18	12,071	675	3,312	21,652
Marketable	151	5,415	3,690	150	-	9,406	463	2,612	16,641
Catalyst	197	1,520	915	15	18	2,665	212	700	5,011
Asphalt and Road Oil	137	305	676	831	13	1,962	675	662	8,711
Still Gas	729	4,953	2,947	323	65	9,017	565	2,976	17,119
Miscellaneous Products	115	868	402	16	7	1,408	50	350	2,361
Total	10,327	88,382	61,374	5,178	1,125	166,386	11,210	36,092	289,779
Processing Gain(-) or Loss(+)	-839	-8,309	-6,317	-169	-70	-15,704	-676	-4,227	-26,739

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, March 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	231	14	245	2,428	220	682	3,330
Natural Gas Liquids	178	14	192	1,542	104	510	2,156
Ethane	-	-	-	-	-	-	-
Propane	330	30	360	1,659	308	459	2,426
Normal Butane	-150	-2	-152	21	-147	76	-50
Isobutane	-2	-14	-16	-138	-57	-25	-220
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	53	-	53	886	116	172	1,174
Ethylene	-	-	-	-	-	-	-
Propylene	55	-	55	851	116	173	1,140
Butylene	-2	-	-2	35	-	-1	34
Isobutylene	-	-	-	-	-	-	-
Finished Motor Gasoline	669	1,399	2,068	4,426	1,866	2,644	8,936
Reformulated	669	-	669	-	-	2	2
Reformulated Blended with Fuel Ethanol	669	-	669	-	-	2	2
Reformulated Other	-	-	-	-	-	-	-
Conventional	-	1,399	1,399	4,426	1,866	2,642	8,934
Conventional Blended with Fuel Ethanol	-	1,395	1,395	1,923	1,538	1,532	4,993
Ed55 and Lower	-	1,395	1,395	1,923	1,538	1,532	4,993
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	-	4	4	2,503	328	1,110	3,941
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	2,609	-	2,609	6,335	914	1,115	8,364
Kerosene	10	-	10	27	-	-4	23
Distillate Fuel Oil	4,438	858	5,296	20,126	5,347	8,555	34,028
15 ppm sulfur and under	4,440	857	5,297	20,079	5,307	8,476	33,862
Greater than 15 ppm to 500 ppm sulfur	10	-	10	-	-	86	86
Greater than 500 ppm sulfur	-12	1	-11	47	40	-7	80
Residual Fuel Oil	779	8	787	673	164	139	976
Less than 0.31 percent sulfur	-	7	7	35	-	-	35
0.31 to 1.00 percent sulfur	673	1	674	245	83	44	372
Greater than 1.00 percent sulfur	106	-	106	393	81	95	569
Petrochemical Feedstocks	-	16	16	906	-	-	906
Naphtha for Petro. Feed. Use	-	-	-	529	-	-	529
Other Oils for Petro. Feed. Use	-	16	16	377	-	-	377
Special Naphthas	-	3	3	-16	-	13	-3
Lubricants	67	206	273	-	-	212	212
Waxes	-	-2	-2	-	-	43	43
Petroleum Coke	485	21	506	3,797	932	732	5,461
Marketable	254	-	254	2,789	768	506	4,063
Catalyst	231	21	252	1,008	164	226	1,398
Asphalt and Road Oil	403	717	1,120	3,463	1,179	330	4,972
Still Gas	658	50	708	2,546	638	939	4,123
Miscellaneous Products	38	8	46	326	125	37	488
Total	10,387	3,298	13,685	45,037	11,385	15,437	71,859
Processing Gain(-) or Loss(+)	-687	41	-646	-4,169	-1,310	-1,017	-6,496

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, March 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	696	7,823	5,071	69	17	13,676	313	2,061	19,625
Natural Gas Liquids	364	4,366	2,931	47	17	7,725	194	1,908	12,175
Ethane	5	228	32	—	—	265	—	—	265
Propane	263	2,498	1,947	15	10	4,733	195	919	8,633
Normal Butane	113	1,961	837	32	7	2,950	-8	711	3,451
Isobutane	-17	-321	115	—	—	-223	7	278	-174
Natural Gasoline	—	—	—	—	—	—	—	—	—
Refinery Olefins	332	3,457	2,140	22	—	5,951	119	153	7,450
Ethylene	—	1	—	—	—	1	—	—	1
Propylene	369	3,632	2,224	22	—	6,247	51	170	7,663
Butylene	-37	-176	-84	—	—	-297	68	-17	-214
Isobutylene	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	2,358	15,133	7,082	565	84	25,222	3,976	2,394	42,596
Reformulated	—	—	—	—	—	—	—	677	1,348
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	677	1,348
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	2,358	15,133	7,082	565	84	25,222	3,976	1,717	41,248
Conventional Blended with Fuel Ethanol	1,970	440	1,983	547	54	4,994	2,269	738	14,389
Ed55 and Lower	1,970	440	1,983	547	54	4,994	2,269	738	14,389
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	388	14,693	5,099	18	30	20,228	1,707	979	26,859
Finished Aviation Gasoline	48	-4	88	—	—	132	6	10	148
Kerosene-Type Jet Fuel	1,481	15,073	10,335	137	—	27,026	997	12,965	51,961
Kerosene	-1	193	—	6	—	198	—	2	233
Distillate Fuel Oil	5,987	41,000	34,643	2,812	548	84,990	5,788	13,699	143,801
15 ppm sulfur and under	5,961	39,676	29,883	2,655	548	78,723	5,775	12,829	136,486
Greater than 15 ppm to 500 ppm sulfur	26	291	2,667	88	—	3,072	17	459	3,644
Greater than 500 ppm sulfur	—	1,033	2,093	69	—	3,195	-4	411	3,671
Residual Fuel Oil	292	2,343	1,699	-33	44	4,345	320	2,163	8,591
Less than 0.31 percent sulfur	249	—	865	—	—	1,114	163	53	1,372
0.31 to 1.00 percent sulfur	-2	733	422	-33	—	1,120	34	616	2,816
Greater than 1.00 percent sulfur	45	1,610	412	—	44	2,111	123	1,494	4,403
Petrochemical Feedstocks	19	3,831	2,526	—	21	6,397	62	38	7,419
Naphtha for Petro. Feed. Use	16	2,234	1,538	—	—	3,788	—	—	4,317
Other Oils for Petro. Feed. Use	3	1,597	988	—	21	2,609	62	38	3,102
Special Naphthas	29	643	—	249	—	921	—	28	949
Lubricants	-4	1,575	804	787	—	3,162	—	294	3,941
Waxes	—	34	58	23	—	115	—	—	156
Petroleum Coke	423	7,783	5,048	184	10	13,448	686	3,877	23,978
Marketable	188	5,921	4,073	168	—	10,350	501	3,084	18,252
Catalyst	235	1,862	975	16	10	3,098	185	793	5,726
Asphalt and Road Oil	217	401	506	1,034	72	2,230	868	680	9,870
Still Gas	756	5,645	3,550	266	71	10,288	650	3,739	19,508
Miscellaneous Products	116	879	485	18	6	1,504	41	390	2,469
Total	12,417	102,352	71,895	6,117	873	193,654	13,707	42,340	335,245
Processing Gain(-) or Loss(+)	-722	-8,976	-6,264	-45	-37	-16,044	-860	-4,616	-28,662

— = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, April 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	865	79	944	4,258	378	704	5,340
Natural Gas Liquids	591	79	670	3,267	236	525	4,028
Ethane	-	-	-	-	-	-	-
Propane	394	22	416	1,575	230	426	2,231
Normal Butane	225	66	291	1,813	61	120	1,994
Isobutane	-28	-9	-37	-121	-55	-21	-197
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	274	-	274	991	142	179	1,312
Ethylene	-	-	-	-	-	-	-
Propylene	274	-	274	867	142	179	1,188
Butylene	-	-	-	124	-	-	124
Isobutylene	-	-	-	-	-	-	-
Finished Motor Gasoline	664	1,135	1,799	4,705	1,970	2,774	9,449
Reformulated	664	-	664	-	-	2	2
Reformulated Blended with Fuel Ethanol	664	-	664	-	-	2	2
Reformulated Other	-	-	-	-	-	-	-
Conventional	-	1,135	1,135	4,705	1,970	2,772	9,447
Conventional Blended with Fuel Ethanol	-	1,131	1,131	1,988	1,701	1,523	5,212
Ed55 and Lower	-	1,131	1,131	1,988	1,701	1,523	5,212
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	-	4	4	2,717	269	1,249	4,235
Finished Aviation Gasoline	-	-	-	-	22	-	22
Kerosene-Type Jet Fuel	3,113	-	3,113	6,882	903	1,030	8,815
Kerosene	-84	-	-84	-5	-	7	2
Distillate Fuel Oil	6,375	777	7,152	17,410	3,961	8,494	29,865
15 ppm sulfur and under	6,367	773	7,140	17,350	3,849	8,602	29,801
Greater than 15 ppm to 500 ppm sulfur	17	-	17	-	-	-95	-95
Greater than 500 ppm sulfur	-9	4	-5	60	112	-13	159
Residual Fuel Oil	735	7	742	689	159	105	953
Less than 0.31 percent sulfur	-	6	6	57	-	-	57
0.31 to 1.00 percent sulfur	408	1	409	270	75	10	355
Greater than 1.00 percent sulfur	327	-	327	362	84	95	541
Petrochemical Feedstocks	-	10	10	882	-	-	882
Naphtha for Petro. Feed. Use	-	-	-	531	-	-	531
Other Oils for Petro. Feed. Use	-	10	10	351	-	-	351
Special Naphthas	-	11	11	-39	-	9	-30
Lubricants	146	195	341	-	-	223	223
Waxes	-	4	4	-	-	33	33
Petroleum Coke	408	18	426	3,844	1,062	705	5,611
Marketable	57	-	57	2,862	909	516	4,287
Catalyst	351	18	369	982	153	189	1,324
Asphalt and Road Oil	551	672	1,223	2,755	1,272	358	4,385
Still Gas	840	57	897	2,704	528	922	4,154
Miscellaneous Products	16	18	34	312	91	37	440
Total	13,629	2,983	16,612	44,397	10,346	15,401	70,144
Processing Gain(-) or Loss(+)	-1,092	58	-1,034	-4,423	-1,253	-981	-6,657

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, April 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	882	8,586	5,684	81	19	15,252	457	2,205	24,198
Natural Gas Liquids	520	5,347	3,161	67	19	9,114	291	2,051	16,154
Ethane	3	122	31	—	—	156	—	—	156
Propane	261	2,417	2,072	11	18	4,779	199	955	8,580
Normal Butane	293	3,165	950	56	1	4,465	143	1,007	7,900
Isobutane	-37	-357	108	—	—	-286	-51	89	-482
Natural Gasoline	—	—	—	—	—	—	—	—	—
Refinery Olefins	362	3,239	2,523	14	—	6,138	166	154	8,044
Ethylene	—	4	—	—	—	4	—	—	4
Propylene	364	3,420	2,348	14	—	6,146	33	187	7,828
Butylene	-2	-185	175	—	—	-12	133	-33	212
Isobutylene	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	2,243	13,767	6,652	441	78	23,181	3,938	2,697	41,064
Reformulated	—	—	—	—	—	—	—	652	1,318
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	652	1,318
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	2,243	13,767	6,652	441	78	23,181	3,938	2,045	39,746
Conventional Blended with Fuel Ethanol	1,949	420	1,843	403	58	4,673	2,479	701	14,196
Ed55 and Lower	1,949	420	1,843	403	58	4,673	2,479	701	14,196
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	294	13,347	4,809	38	20	18,508	1,459	1,344	25,550
Finished Aviation Gasoline	56	139	49	—	—	244	3	-11	258
Kerosene-Type Jet Fuel	1,228	14,121	10,225	105	—	25,679	895	12,467	50,969
Kerosene	0	217	0	4	—	221	—	-2	137
Distillate Fuel Oil	5,653	42,841	35,329	2,025	349	86,197	5,210	12,760	141,184
15 ppm sulfur and under	5,590	40,651	31,810	1,991	349	80,391	5,227	12,224	134,783
Greater than 15 ppm to 500 ppm sulfur	63	1,268	2,277	83	—	3,691	8	166	3,787
Greater than 500 ppm sulfur	—	922	1,242	-49	—	2,115	-25	370	2,614
Residual Fuel Oil	201	2,776	1,936	-22	-13	4,878	308	1,750	8,631
Less than 0.31 percent sulfur	249	—	880	—	—	1,129	127	38	1,357
0.31 to 1.00 percent sulfur	4	607	459	-22	—	1,048	24	699	2,535
Greater than 1.00 percent sulfur	-52	2,169	597	—	-13	2,701	157	1,013	4,739
Petrochemical Feedstocks	42	3,589	2,809	19	46	6,505	43	140	7,580
Naphtha for Petro. Feed. Use	30	1,887	1,441	19	—	3,377	—	—	3,908
Other Oils for Petro. Feed. Use	12	1,702	1,368	—	46	3,128	43	140	3,672
Special Naphthas	39	574	—	215	—	828	—	36	845
Lubricants	23	1,675	1,146	828	—	3,672	—	411	4,647
Waxes	—	37	61	12	—	110	—	—	147
Petroleum Coke	470	7,549	5,271	136	18	13,444	649	3,799	23,929
Marketable	236	5,819	4,221	123	—	10,399	444	2,958	18,145
Catalyst	234	1,730	1,050	13	18	3,045	205	841	5,784
Asphalt and Road Oil	203	539	640	548	4	1,934	737	789	9,068
Still Gas	670	5,927	3,565	249	50	10,461	601	3,237	19,350
Miscellaneous Products	141	884	486	11	4	1,526	52	396	2,448
Total	11,851	103,221	73,853	4,652	555	194,132	12,893	40,674	334,455
Processing Gain(-) or Loss(+)	-584	-8,675	-6,753	-95	-95	-16,202	-710	-5,797	-30,400

— = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, May 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	971	94	1,065	4,260	613	845	5,718
Natural Gas Liquids	720	94	814	3,109	491	595	4,195
Ethane	-	-	-	-	-	-	-
Propane	409	28	437	1,534	265	493	2,292
Normal Butane	370	83	453	1,790	285	161	2,236
Isobutane	-59	-17	-76	-215	-59	-59	-333
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	251	-	251	1,151	122	250	1,523
Ethylene	8	-	8	-	-	-	-
Propylene	271	-	271	828	122	229	1,179
Butylene	-28	-	-28	323	-	21	344
Isobutylene	-	-	-	-	-	-	-
Finished Motor Gasoline	645	1,124	1,769	5,032	2,116	2,733	9,881
Reformulated	645	-	645	-	-	-	-
Reformulated Blended with Fuel Ethanol	645	-	645	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-
Conventional	-	1,124	1,124	5,032	2,116	2,733	9,881
Conventional Blended with Fuel Ethanol	-	1,089	1,089	2,064	1,703	1,525	5,292
Ed55 and Lower	-	1,089	1,089	2,064	1,703	1,525	5,292
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	-	35	35	2,968	413	1,208	4,589
Finished Aviation Gasoline	-	-	-	-	26	-	26
Kerosene-Type Jet Fuel	2,550	-	2,550	6,987	915	1,073	8,975
Kerosene	286	-	286	44	-	14	58
Distillate Fuel Oil	6,081	726	6,807	20,671	4,600	8,836	34,107
15 ppm sulfur and under	6,119	724	6,843	20,657	4,425	8,719	33,801
Greater than 15 ppm to 500 ppm sulfur	-15	-	-15	-	-	113	113
Greater than 500 ppm sulfur	-23	2	-21	14	175	4	193
Residual Fuel Oil	673	5	678	756	171	109	1,036
Less than 0.31 percent sulfur	-	4	4	63	-	-	63
0.31 to 1.00 percent sulfur	396	1	397	283	105	16	404
Greater than 1.00 percent sulfur	277	-	277	410	66	93	569
Petrochemical Feedstocks	-	11	11	872	-	-	872
Naphtha for Petro. Feed. Use	-	-	-	519	-	-	519
Other Oils for Petro. Feed. Use	-	11	11	353	-	-	353
Special Naphthas	-	16	16	-44	-	14	-30
Lubricants	191	147	338	-	-	228	228
Waxes	-	-2	-2	-	-	46	46
Petroleum Coke	386	21	407	3,830	265	841	4,936
Marketable	13	-	13	2,770	104	618	3,492
Catalyst	373	21	394	1,060	161	223	1,444
Asphalt and Road Oil	498	729	1,227	3,221	1,674	343	5,238
Still Gas	813	67	880	2,876	571	1,028	4,475
Miscellaneous Products	28	27	55	323	105	49	477
Total	13,122	2,965	16,087	48,828	11,056	16,159	76,043
Processing Gain(-) or Loss(+)	-1,019	52	-967	-3,891	-624	-923	-5,438

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, May 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	967	10,125	5,367	75	41	16,575	459	2,317	26,134
Natural Gas Liquids	636	6,423	3,010	46	41	10,156	316	2,200	17,681
Ethane	4	84	28	—	—	116	—	—	116
Propane	304	2,585	2,131	9	26	5,055	180	957	8,921
Normal Butane	347	3,671	784	37	15	4,854	153	1,169	8,865
Isobutane	-19	83	67	—	—	131	-17	74	-221
Natural Gasoline	—	—	—	—	—	—	—	—	—
Refinery Olefins	331	3,702	2,357	29	—	6,419	143	117	8,453
Ethylene	—	—	—	—	—	—	—	—	8
Propylene	336	3,548	2,392	29	—	6,305	24	166	7,945
Butylene	-5	154	-35	—	—	114	119	-49	500
Isobutylene	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	2,461	12,612	7,385	543	188	23,189	3,786	2,950	41,575
Reformulated	—	—	—	—	—	—	—	683	1,328
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	683	1,328
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	2,461	12,612	7,385	543	188	23,189	3,786	2,267	40,247
Conventional Blended with Fuel Ethanol	2,085	500	1,934	533	84	5,136	2,474	726	14,717
Ed55 and Lower	2,085	500	1,934	533	84	5,136	2,474	726	14,717
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	376	12,112	5,451	10	104	18,053	1,312	1,541	25,530
Finished Aviation Gasoline	42	113	107	—	—	262	7	8	303
Kerosene-Type Jet Fuel	1,391	15,034	10,697	148	—	27,270	910	12,611	52,316
Kerosene	-2	277	0	7	—	282	—	0	626
Distillate Fuel Oil	5,629	47,164	35,528	2,646	910	91,877	5,335	14,093	152,219
15 ppm sulfur and under	5,700	45,028	32,459	2,566	910	86,663	5,311	13,133	145,751
Greater than 15 ppm to 500 ppm sulfur	-71	1,636	2,374	66	—	4,005	24	505	4,632
Greater than 500 ppm sulfur	—	500	695	14	—	1,209	0	455	1,836
Residual Fuel Oil	236	2,440	1,468	-28	-9	4,107	312	2,406	8,539
Less than 0.31 percent sulfur	245	—	696	—	—	941	165	52	1,225
0.31 to 1.00 percent sulfur	3	578	399	-28	—	952	10	784	2,547
Greater than 1.00 percent sulfur	-12	1,862	373	—	-9	2,214	137	1,570	4,767
Petrochemical Feedstocks	57	3,304	2,717	—	44	6,122	49	164	7,218
Naphtha for Petro. Feed. Use	50	2,123	1,330	—	—	3,503	—	—	4,022
Other Oils for Petro. Feed. Use	7	1,181	1,387	—	44	2,619	49	164	3,196
Special Naphthas	36	564	—	247	—	847	—	46	879
Lubricants	0	1,766	1,565	879	—	4,210	—	282	5,058
Waxes	—	31	62	22	—	115	—	—	159
Petroleum Coke	386	8,742	5,711	171	20	15,030	625	3,974	24,972
Marketable	164	7,060	4,616	156	—	11,996	424	3,049	18,974
Catalyst	222	1,682	1,095	15	20	3,034	201	925	5,998
Asphalt and Road Oil	249	397	644	973	76	2,339	998	904	10,706
Still Gas	686	6,487	3,840	318	65	11,396	582	3,666	20,999
Miscellaneous Products	132	1,126	513	18	8	1,797	43	377	2,749
Total	12,270	110,182	75,604	6,019	1,343	205,418	13,106	43,798	354,452
Processing Gain(-) or Loss(+)	-630	-10,414	-7,045	69	-93	-18,113	-493	-4,022	-29,033

— = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, June 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	792	81	873	4,837	581	856	6,274
Natural Gas Liquids	650	81	731	3,886	440	595	4,921
Ethane	-	-	-	-	-	-	-
Propane	311	23	334	1,445	255	486	2,186
Normal Butane	312	78	390	2,661	260	148	3,069
Isobutane	27	-20	7	-220	-75	-39	-334
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	142	-	142	951	141	261	1,353
Ethylene	10	-	10	-	-	-	-
Propylene	132	-	132	777	141	262	1,180
Butylene	-2	-	-2	174	-	-1	173
Isobutylene	2	-	2	-	-	-	-
Finished Motor Gasoline	647	1,078	1,725	4,815	2,261	3,022	10,098
Reformulated	647	-	647	-	-	-	-
Reformulated Blended with Fuel Ethanol	647	-	647	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-
Conventional	-	1,078	1,078	4,815	2,261	3,022	10,098
Conventional Blended with Fuel Ethanol	-	1,051	1,051	1,952	1,881	1,509	5,342
Ed55 and Lower	-	1,051	1,051	1,952	1,881	1,509	5,342
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	-	27	27	2,863	380	1,513	4,756
Finished Aviation Gasoline	-	-	-	-	35	-	35
Kerosene-Type Jet Fuel	2,355	-	2,355	6,834	890	956	8,680
Kerosene	146	-	146	-3	-	-24	-27
Distillate Fuel Oil	4,844	782	5,626	20,996	4,410	10,454	35,860
15 ppm sulfur and under	5,004	779	5,783	20,862	4,313	10,539	35,714
Greater than 15 ppm to 500 ppm sulfur	-18	-	-18	-	-	-105	-105
Greater than 500 ppm sulfur	-142	3	-139	134	97	20	251
Residual Fuel Oil	767	4	771	741	224	149	1,114
Less than 0.31 percent sulfur	-	3	3	64	-	-	64
0.31 to 1.00 percent sulfur	523	1	524	293	137	40	470
Greater than 1.00 percent sulfur	244	-	244	384	87	109	580
Petrochemical Feedstocks	-	10	10	894	-	-	894
Naphtha for Petro. Feed. Use	-	-	-	520	-	-	520
Other Oils for Petro. Feed. Use	-	10	10	374	-	-	374
Special Naphthas	-	9	9	-47	-	14	-33
Lubricants	170	200	370	-	-	176	176
Waxes	-	18	18	-	-	43	43
Petroleum Coke	508	18	526	3,748	924	868	5,540
Marketable	220	-	220	2,749	757	627	4,133
Catalyst	288	18	306	999	167	241	1,407
Asphalt and Road Oil	498	674	1,172	3,547	1,772	456	5,775
Still Gas	801	60	861	2,906	594	1,037	4,537
Miscellaneous Products	45	15	60	296	109	50	455
Total	11,573	2,949	14,522	49,564	11,800	18,057	79,421
Processing Gain(-) or Loss(+)	-826	55	-771	-4,725	-1,301	-1,259	-7,285

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, June 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	1,010	8,881	5,296	61	42	15,290	468	2,506	25,411
Natural Gas Liquids	677	5,729	3,122	40	42	9,610	348	2,241	17,851
Ethane	4	107	23	—	—	134	—	—	134
Propane	276	2,397	2,026	6	20	4,725	234	1,026	8,505
Normal Butane	382	3,589	946	34	22	4,973	154	1,080	9,666
Isobutane	15	-364	127	—	—	-222	-40	135	-454
Natural Gasoline	—	—	—	—	—	—	—	—	—
Refinery Olefins	333	3,152	2,174	21	—	5,680	120	265	7,560
Ethylene	—	3	—	—	—	3	—	—	13
Propylene	335	3,369	2,243	21	—	5,968	32	245	7,557
Butylene	-2	-220	-69	—	—	-291	88	20	-12
Isobutylene	—	—	—	—	—	—	—	—	2
Finished Motor Gasoline	2,432	13,183	7,281	587	151	23,634	4,213	2,628	42,298
Reformulated	—	—	—	—	—	—	—	628	1,275
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	628	1,275
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	2,432	13,183	7,281	587	151	23,634	4,213	2,000	41,023
Conventional Blended with Fuel Ethanol	2,040	483	1,915	541	70	5,049	2,210	744	14,396
Ed55 and Lower	2,040	483	1,915	541	70	5,049	2,210	744	14,396
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	392	12,700	5,366	46	81	18,585	2,003	1,256	26,627
Finished Aviation Gasoline	46	1	144	—	—	191	7	115	348
Kerosene-Type Jet Fuel	1,495	15,797	9,735	99	—	27,126	909	14,080	53,150
Kerosene	-16	234	0	1	—	219	—	2	340
Distillate Fuel Oil	5,162	45,874	32,460	2,335	781	86,612	6,474	13,777	148,349
15 ppm sulfur and under	5,114	45,189	29,928	2,198	781	83,210	6,455	13,381	144,543
Greater than 15 ppm to 500 ppm sulfur	48	267	1,898	57	—	2,270	-6	231	2,372
Greater than 500 ppm sulfur	—	418	634	80	—	1,132	25	165	1,434
Residual Fuel Oil	304	1,426	834	22	92	2,678	338	1,995	6,896
Less than 0.31 percent sulfur	223	—	81	—	—	304	171	47	589
0.31 to 1.00 percent sulfur	-5	606	231	22	—	854	21	567	2,436
Greater than 1.00 percent sulfur	86	820	522	—	92	1,520	146	1,381	3,871
Petrochemical Feedstocks	125	2,497	2,964	—	50	5,636	28	21	6,589
Naphtha for Petro. Feed. Use	114	1,425	1,342	—	—	2,881	—	—	3,401
Other Oils for Petro. Feed. Use	11	1,072	1,622	—	50	2,755	28	21	3,188
Special Naphthas	45	512	—	32	—	589	—	9	574
Lubricants	7	1,696	1,015	694	—	3,412	—	236	4,194
Waxes	—	44	56	23	—	123	—	—	184
Petroleum Coke	291	8,348	5,351	183	21	14,194	710	4,206	25,176
Marketable	86	6,573	4,311	170	—	11,140	489	3,259	19,241
Catalyst	205	1,775	1,040	13	21	3,054	221	947	5,935
Asphalt and Road Oil	237	381	450	834	-2	1,900	1,128	873	10,848
Still Gas	716	6,207	3,714	299	64	11,000	664	3,816	20,878
Miscellaneous Products	120	1,064	480	18	7	1,689	63	396	2,663
Total	11,974	106,145	69,780	5,188	1,206	194,293	15,002	44,660	347,898
Processing Gain(-) or Loss(+)	-554	-9,941	-7,164	25	-51	-17,685	-673	-5,255	-31,669

— = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, July 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	676	76	752	4,480	597	817	5,894
Natural Gas Liquids	588	76	664	3,679	446	632	4,757
Ethane	-	-	-	-	-	-	-
Propane	318	32	350	1,786	266	523	2,575
Normal Butane	284	73	357	2,106	224	161	2,491
Isobutane	-14	-29	-43	-213	-44	-52	-309
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	88	-	88	801	151	185	1,137
Ethylene	1	-	1	-	-	-	-
Propylene	88	-	88	670	151	201	1,022
Butylene	-2	-	-2	131	-	-16	115
Isobutylene	1	-	1	-	-	-	-
Finished Motor Gasoline	677	1,186	1,863	4,251	2,084	3,420	9,755
Reformulated	677	-	677	-	-	-	-
Reformulated Blended with Fuel Ethanol	677	-	677	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-
Conventional	-	1,186	1,186	4,251	2,084	3,420	9,755
Conventional Blended with Fuel Ethanol	-	1,143	1,143	1,843	1,706	1,555	5,104
Ed55 and Lower	-	1,143	1,143	1,843	1,706	1,555	5,104
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	-	43	43	2,408	378	1,865	4,651
Finished Aviation Gasoline	-	-	-	-	55	-	55
Kerosene-Type Jet Fuel	2,644	-	2,644	6,677	1,143	1,062	8,882
Kerosene	235	-	235	110	-	37	147
Distillate Fuel Oil	4,904	813	5,717	20,712	5,611	10,839	37,162
15 ppm sulfur and under	4,984	810	5,794	20,789	5,566	10,901	37,256
Greater than 15 ppm to 500 ppm sulfur	6	-	6	-	-	-37	-37
Greater than 500 ppm sulfur	-86	3	-83	-77	45	-25	-57
Residual Fuel Oil	949	7	956	669	186	154	1,009
Less than 0.31 percent sulfur	-	6	6	56	-	-	56
0.31 to 1.00 percent sulfur	659	1	660	235	85	39	359
Greater than 1.00 percent sulfur	290	-	290	378	101	115	594
Petrochemical Feedstocks	-	12	12	883	-	-	883
Naphtha for Petro. Feed. Use	-	-	-	485	-	-	485
Other Oils for Petro. Feed. Use	-	12	12	398	-	-	398
Special Naphthas	-	14	14	-47	-	14	-33
Lubricants	100	215	315	-	-	219	219
Waxes	-	14	14	-	-	21	21
Petroleum Coke	485	21	506	4,054	1,216	839	6,109
Marketable	198	-	198	3,037	1,043	579	4,659
Catalyst	287	21	308	1,017	173	260	1,450
Asphalt and Road Oil	485	749	1,234	3,149	1,596	426	5,171
Still Gas	828	69	897	3,181	642	1,079	4,902
Miscellaneous Products	47	23	70	329	125	56	510
Total	12,030	3,199	15,229	48,448	13,255	18,983	80,686
Processing Gain(-) or Loss(+)	-673	42	-631	-4,536	-1,429	-1,140	-7,105

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, July 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	988	9,116	5,730	86	37	15,957	471	2,015	25,089
Natural Gas Liquids	604	5,787	3,495	53	37	9,976	386	1,804	17,587
Ethane	3	198	25	—	—	226	—	—	226
Propane	272	2,390	2,127	7	21	4,817	251	977	8,970
Normal Butane	315	3,658	1,225	46	16	5,260	169	785	9,062
Isobutane	14	-459	118	—	—	-327	-34	42	-671
Natural Gasoline	—	—	—	—	—	—	—	—	—
Refinery Olefins	384	3,329	2,235	33	—	5,981	85	211	7,502
Ethylene	—	11	—	—	—	11	—	—	12
Propylene	382	3,662	2,395	33	—	6,472	20	298	7,900
Butylene	2	-344	-160	—	—	-502	65	-87	-411
Isobutylene	—	—	—	—	—	—	—	—	1
Finished Motor Gasoline	2,587	14,252	7,390	557	163	24,949	4,858	2,771	44,196
Reformulated	—	—	—	—	—	—	—	622	1,299
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	622	1,299
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	2,587	14,252	7,390	557	163	24,949	4,858	2,149	42,897
Conventional Blended with Fuel Ethanol	2,032	501	1,954	541	66	5,094	2,866	626	14,833
Ed55 and Lower	2,032	501	1,954	541	66	5,094	2,866	626	14,833
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	555	13,751	5,436	16	97	19,855	1,992	1,523	28,064
Finished Aviation Gasoline	86	87	187	—	—	360	7	-11	411
Kerosene-Type Jet Fuel	1,580	15,779	10,288	178	—	27,825	1,106	14,620	55,077
Kerosene	2	167	0	1	—	170	—	0	552
Distillate Fuel Oil	6,590	46,652	34,587	2,827	910	91,566	6,230	12,677	153,352
15 ppm sulfur and under	6,653	46,313	31,141	2,740	910	87,757	6,297	12,167	149,271
Greater than 15 ppm to 500 ppm sulfur	-63	-19	2,528	44	—	2,490	-43	247	2,663
Greater than 500 ppm sulfur	—	358	918	43	—	1,319	-24	263	1,418
Residual Fuel Oil	252	2,327	893	-14	45	3,503	351	2,380	8,199
Less than 0.31 percent sulfur	254	—	—	—	—	254	195	58	569
0.31 to 1.00 percent sulfur	-2	753	184	-14	—	921	29	658	2,627
Greater than 1.00 percent sulfur	0	1,574	709	—	45	2,328	127	1,664	5,003
Petrochemical Feedstocks	125	2,577	2,820	—	46	5,568	78	191	6,732
Naphtha for Petro. Feed. Use	124	1,667	1,535	—	—	3,326	—	—	3,811
Other Oils for Petro. Feed. Use	1	910	1,285	—	46	2,242	78	191	2,921
Special Naphthas	76	650	—	215	—	941	—	33	955
Lubricants	16	1,628	1,535	813	—	3,992	—	244	4,770
Waxes	—	43	63	20	—	126	—	—	161
Petroleum Coke	444	9,207	5,009	172	19	14,851	744	3,942	26,152
Marketable	204	7,276	3,959	156	—	11,595	524	2,967	19,943
Catalyst	240	1,931	1,050	16	19	3,256	220	975	6,209
Asphalt and Road Oil	231	499	654	1,097	38	2,519	1,086	952	10,962
Still Gas	900	6,580	3,825	368	73	11,746	690	3,693	21,928
Miscellaneous Products	133	1,087	519	19	9	1,767	65	398	2,810
Total	14,010	110,651	73,500	6,339	1,340	205,840	15,686	43,905	361,346
Processing Gain(-) or Loss(+)	-773	-10,996	-6,890	-326	-40	-19,025	-826	-4,785	-32,372

— = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, August 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	1,087	64	1,151	4,754	561	757	6,072
Natural Gas Liquids	734	64	798	3,536	449	556	4,541
Ethane	-	-	-	-	-	-	-
Propane	448	24	472	1,681	264	460	2,405
Normal Butane	302	65	367	2,041	243	157	2,441
Isobutane	-16	-25	-41	-186	-58	-61	-305
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	353	-	353	1,218	112	201	1,531
Ethylene	22	-	22	-	-	-	-
Propylene	306	-	306	964	112	201	1,277
Butylene	-	-	-	254	-	-	254
Isobutylene	25	-	25	-	-	-	-
Finished Motor Gasoline	678	1,125	1,803	4,862	2,118	2,992	9,972
Reformulated	678	-	678	-	-	-	-
Reformulated Blended with Fuel Ethanol	678	-	678	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-
Conventional	-	1,125	1,125	4,862	2,118	2,992	9,972
Conventional Blended with Fuel Ethanol	-	1,121	1,121	2,076	1,763	1,592	5,431
Ed55 and Lower	-	1,121	1,121	2,076	1,763	1,592	5,431
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	-	4	4	2,786	355	1,400	4,541
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	3,017	-	3,017	7,414	1,150	1,154	9,718
Kerosene	262	5	267	-11	-	18	7
Distillate Fuel Oil	6,239	811	7,050	21,945	5,527	10,402	37,874
15 ppm sulfur and under	6,360	807	7,167	21,902	5,621	10,275	37,798
Greater than 15 ppm to 500 ppm sulfur	-4	-	-4	-	-	115	115
Greater than 500 ppm sulfur	-117	4	-113	43	-94	12	-39
Residual Fuel Oil	775	4	779	745	104	130	979
Less than 0.31 percent sulfur	-	3	3	67	-	-	67
0.31 to 1.00 percent sulfur	543	1	544	114	93	33	240
Greater than 1.00 percent sulfur	232	-	232	564	11	97	672
Petrochemical Feedstocks	-	16	16	964	-	-	964
Naphtha for Petro. Feed. Use	-	-	-	603	-	-	603
Other Oils for Petro. Feed. Use	-	16	16	361	-	-	361
Special Naphthas	-	13	13	-38	-	13	-25
Lubricants	175	188	363	-	-	216	216
Waxes	-	-21	-21	-	-	36	36
Petroleum Coke	637	21	658	4,084	696	985	5,765
Marketable	206	-	206	3,017	525	754	4,296
Catalyst	431	21	452	1,067	171	231	1,469
Asphalt and Road Oil	594	724	1,318	3,820	1,767	370	5,957
Still Gas	857	66	923	3,183	664	1,072	4,919
Miscellaneous Products	43	28	71	340	123	50	513
Total	14,364	3,044	17,408	52,062	12,710	18,195	82,967
Processing Gain(-) or Loss(+)	-1,027	58	-969	-5,027	-893	-1,731	-7,651

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, August 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	1,122	8,847	5,662	82	35	15,748	547	2,082	25,600
Natural Gas Liquids	745	5,796	3,336	44	35	9,956	471	1,932	17,698
Ethane	5	139	22	—	—	166	—	—	166
Propane	299	2,409	2,074	10	23	4,815	264	960	8,916
Normal Butane	394	3,696	1,141	34	12	5,277	212	840	9,137
Isobutane	47	-448	99	—	—	-302	-5	132	-521
Natural Gasoline	—	—	—	—	—	—	—	—	—
Refinery Olefins	377	3,051	2,326	38	—	5,792	76	150	7,902
Ethylene	—	8	—	—	—	8	—	—	30
Propylene	336	3,455	2,331	38	—	6,160	24	132	7,899
Butylene	41	-412	-5	—	—	-376	52	18	-52
Isobutylene	—	—	—	—	—	—	—	—	25
Finished Motor Gasoline	2,462	12,376	6,304	621	168	21,931	4,639	2,932	41,277
Reformulated	—	—	—	—	—	—	—	662	1,340
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	662	1,340
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	2,462	12,376	6,304	621	168	21,931	4,639	2,270	39,937
Conventional Blended with Fuel Ethanol	1,998	430	1,977	560	76	5,041	2,986	792	15,371
Ed55 and Lower	1,998	430	1,977	560	76	5,041	2,986	792	15,371
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	464	11,946	4,327	61	92	16,890	1,653	1,478	24,566
Finished Aviation Gasoline	83	100	169	—	—	352	9	50	411
Kerosene-Type Jet Fuel	1,498	16,306	9,886	150	—	27,840	1,213	14,615	56,403
Kerosene	25	160	0	7	—	192	1	0	467
Distillate Fuel Oil	6,299	45,127	34,051	2,887	1,029	89,393	6,284	13,922	154,523
15 ppm sulfur and under	6,289	44,306	30,662	2,752	1,029	85,038	6,272	13,118	149,393
Greater than 15 ppm to 500 ppm sulfur	10	247	2,621	84	—	2,962	-6	351	3,418
Greater than 500 ppm sulfur	—	574	768	51	—	1,393	18	453	1,712
Residual Fuel Oil	145	1,973	1,268	-44	70	3,412	363	2,830	8,363
Less than 0.31 percent sulfur	242	—	135	—	—	377	201	47	695
0.31 to 1.00 percent sulfur	-32	829	273	-44	—	1,026	31	676	2,517
Greater than 1.00 percent sulfur	-65	1,144	860	—	70	2,009	131	2,107	5,151
Petrochemical Feedstocks	141	2,886	2,479	—	35	5,541	28	95	6,644
Naphtha for Petro. Feed. Use	135	1,897	1,390	—	—	3,422	—	—	4,025
Other Oils for Petro. Feed. Use	6	989	1,089	—	35	2,119	28	95	2,619
Special Naphthas	76	670	—	231	—	977	—	25	990
Lubricants	14	1,640	1,757	566	—	3,977	—	223	4,779
Waxes	—	41	63	9	—	113	—	—	128
Petroleum Coke	402	8,661	5,352	179	19	14,613	735	3,948	25,719
Marketable	178	6,818	4,265	163	—	11,424	517	2,986	19,429
Catalyst	224	1,843	1,087	16	19	3,189	218	962	6,290
Asphalt and Road Oil	177	535	402	1,021	63	2,198	1,136	941	11,550
Still Gas	752	6,388	3,898	364	71	11,473	680	3,819	21,814
Miscellaneous Products	107	1,025	490	18	8	1,648	71	388	2,691
Total	13,303	106,735	71,781	6,091	1,498	199,408	15,706	45,870	361,359
Processing Gain(-) or Loss(+)	-698	-10,912	-6,984	85	-155	-18,664	-826	-5,229	-33,339

— = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, September 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	411	26	437	2,609	98	551	3,258
Natural Gas Liquids	101	26	127	1,592	-26	401	1,967
Ethane	-	-	-	-	-	-	-
Propane	369	24	393	1,559	194	396	2,149
Normal Butane	-210	19	-191	269	-145	82	206
Isobutane	-58	-17	-75	-236	-75	-77	-388
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	310	-	310	1,017	124	150	1,291
Ethylene	13	-	13	-	-	-	-
Propylene	279	-	279	881	124	118	1,123
Butylene	1	-	1	136	-	32	168
Isobutylene	17	-	17	-	-	-	-
Finished Motor Gasoline	641	1,076	1,717	4,928	1,929	2,629	9,486
Reformulated	641	-	641	-	-	-	-
Reformulated Blended with Fuel Ethanol	641	-	641	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-
Conventional	-	1,076	1,076	4,928	1,929	2,629	9,486
Conventional Blended with Fuel Ethanol	-	1,067	1,067	1,885	1,644	1,481	5,010
Ed55 and Lower	-	1,067	1,067	1,885	1,644	1,481	5,010
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	-	9	9	3,043	285	1,148	4,476
Finished Aviation Gasoline	-	-	-	-	1	-	1
Kerosene-Type Jet Fuel	2,237	-	2,237	6,896	817	708	8,421
Kerosene	-10	2	-8	121	-	-16	105
Distillate Fuel Oil	5,892	758	6,650	21,521	4,064	8,713	34,298
15 ppm sulfur and under	6,061	754	6,815	21,574	4,089	8,782	34,445
Greater than 15 ppm to 500 ppm sulfur	-4	-	-4	-	-	-72	-72
Greater than 500 ppm sulfur	-165	4	-161	-53	-25	3	-75
Residual Fuel Oil	664	3	667	717	113	140	970
Less than 0.31 percent sulfur	-	2	2	81	-	-	81
0.31 to 1.00 percent sulfur	552	1	553	222	67	26	315
Greater than 1.00 percent sulfur	112	-	112	414	46	114	574
Petrochemical Feedstocks	-	17	17	843	-	-	843
Naphtha for Petro. Feed. Use	-	-	-	498	-	-	498
Other Oils for Petro. Feed. Use	-	17	17	345	-	-	345
Special Naphthas	-	18	18	-40	-	12	-28
Lubricants	185	172	357	-	-	121	121
Waxes	-	-20	-20	-	-	25	25
Petroleum Coke	614	19	633	4,141	566	808	5,515
Marketable	236	-	236	3,040	412	587	4,039
Catalyst	378	19	397	1,101	154	221	1,476
Asphalt and Road Oil	412	712	1,124	2,928	1,660	370	4,958
Still Gas	742	52	794	2,966	470	822	4,258
Miscellaneous Products	50	7	57	341	65	54	460
Total	11,838	2,842	14,680	47,971	9,783	14,937	72,691
Processing Gain(-) or Loss(+)	-895	38	-857	-4,900	-867	-1,028	-6,795

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, September 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	830	7,084	4,707	48	28	12,697	349	1,645	18,386
Natural Gas Liquids	512	4,347	2,387	18	28	7,292	208	1,534	11,128
Ethane	6	124	36	—	—	166	—	—	166
Propane	265	2,438	1,784	14	25	4,526	231	924	8,223
Normal Butane	251	2,246	443	4	3	2,947	-33	540	3,469
Isobutane	-10	-461	124	—	—	-347	10	70	-730
Natural Gasoline	—	—	—	—	—	—	—	—	—
Refinery Olefins	318	2,737	2,320	30	—	5,405	141	111	7,258
Ethylene	—	4	—	—	—	4	—	—	17
Propylene	324	3,077	2,340	30	—	5,771	27	161	7,361
Butylene	-6	-344	-20	—	—	-370	114	-50	-137
Isobutylene	—	—	—	—	—	—	—	—	17
Finished Motor Gasoline	2,431	13,705	6,257	646	165	23,204	4,826	2,408	41,641
Reformulated	—	—	—	—	—	—	—	580	1,221
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	580	1,221
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	2,431	13,705	6,257	646	165	23,204	4,826	1,828	40,420
Conventional Blended with Fuel Ethanol	1,943	420	1,881	602	73	4,919	2,821	745	14,562
Ed55 and Lower	1,943	420	1,881	602	73	4,919	2,821	745	14,562
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	488	13,285	4,376	44	92	18,285	2,005	1,083	25,858
Finished Aviation Gasoline	99	54	160	—	—	313	3	46	363
Kerosene-Type Jet Fuel	1,507	14,866	10,583	140	—	27,096	1,024	13,618	52,396
Kerosene	-17	392	0	12	—	387	—	-2	482
Distillate Fuel Oil	5,818	45,267	29,011	2,901	1,033	84,030	6,708	14,253	145,939
15 ppm sulfur and under	5,837	44,559	25,322	2,764	1,033	79,515	6,725	13,505	141,005
Greater than 15 ppm to 500 ppm sulfur	-19	269	2,253	53	—	2,556	-7	350	2,823
Greater than 500 ppm sulfur	—	439	1,436	84	—	1,959	-10	398	2,111
Residual Fuel Oil	272	1,609	1,732	-25	-7	3,581	412	2,238	7,868
Less than 0.31 percent sulfur	248	—	563	—	—	811	198	53	1,145
0.31 to 1.00 percent sulfur	-2	722	226	-25	—	921	38	610	2,437
Greater than 1.00 percent sulfur	26	887	943	—	-7	1,849	176	1,575	4,286
Petrochemical Feedstocks	113	2,823	2,262	—	49	5,247	55	82	6,244
Naphtha for Petro. Feed. Use	103	2,228	1,434	—	—	3,765	—	—	4,263
Other Oils for Petro. Feed. Use	10	595	828	—	49	1,482	55	82	1,981
Special Naphthas	85	555	—	199	—	839	—	14	843
Lubricants	15	1,138	1,583	838	—	3,574	—	419	4,471
Waxes	—	19	57	19	—	95	—	—	100
Petroleum Coke	430	8,657	5,015	164	21	14,287	662	3,898	24,995
Marketable	208	7,021	3,866	147	—	11,242	439	2,966	18,922
Catalyst	222	1,636	1,149	17	21	3,045	223	932	6,073
Asphalt and Road Oil	179	393	343	1,058	46	2,019	1,174	874	10,149
Still Gas	660	6,058	3,672	334	72	10,796	681	3,685	20,214
Miscellaneous Products	132	972	453	18	9	1,584	59	371	2,531
Total	12,554	103,592	65,835	6,352	1,416	189,749	15,953	43,549	336,622
Processing Gain(-) or Loss(+)	-668	-10,890	-6,992	-134	-66	-18,750	-753	-5,127	-32,282

— = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, October 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	543	13	556	908	-170	365	1,103
Natural Gas Liquids	233	13	246	144	-312	222	54
Ethane	-	-	-	-	-	-	-
Propane	306	25	331	1,588	224	421	2,233
Normal Butane	-129	2	-127	-1,255	-534	-159	-1,948
Isobutane	56	-14	42	-189	-2	-40	-231
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	310	-	310	764	142	143	1,049
Ethylene	11	-	11	-	-	-	-
Propylene	288	-	288	721	142	140	1,003
Butylene	-13	-	-13	43	-	3	46
Isobutylene	24	-	24	-	-	-	-
Finished Motor Gasoline	687	1,268	1,955	4,736	2,121	2,769	9,626
Reformulated	687	-	687	-	-	1	1
Reformulated Blended with Fuel Ethanol	687	-	687	-	-	1	1
Reformulated Other	-	-	-	-	-	-	-
Conventional	-	1,268	1,268	4,736	2,121	2,768	9,625
Conventional Blended with Fuel Ethanol	-	1,255	1,255	1,991	1,774	1,563	5,328
Ed55 and Lower	-	1,255	1,255	1,991	1,774	1,563	5,328
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	-	13	13	2,745	347	1,205	4,297
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	1,653	-	1,653	6,496	903	770	8,169
Kerosene	62	3	65	-24	-	-20	-44
Distillate Fuel Oil	4,832	809	5,641	20,153	3,920	9,575	33,648
15 ppm sulfur and under	4,914	807	5,721	20,188	3,918	9,554	33,660
Greater than 15 ppm to 500 ppm sulfur	16	-	16	-	-	78	78
Greater than 500 ppm sulfur	-98	2	-96	-35	2	-57	-90
Residual Fuel Oil	627	5	632	629	157	168	954
Less than 0.31 percent sulfur	-	4	4	39	-	-	39
0.31 to 1.00 percent sulfur	626	1	627	180	64	36	280
Greater than 1.00 percent sulfur	1	-	1	410	93	132	635
Petrochemical Feedstocks	-	16	16	873	-	-	873
Naphtha for Petro. Feed. Use	-	-	-	536	-	-	536
Other Oils for Petro. Feed. Use	-	16	16	337	-	-	337
Special Naphthas	-	12	12	-24	-	10	-14
Lubricants	184	215	399	-	-	-3	-3
Waxes	-	-3	-3	-	-	-2	-2
Petroleum Coke	599	19	618	4,058	955	790	5,803
Marketable	246	-	246	2,994	807	570	4,371
Catalyst	353	19	372	1,064	148	220	1,432
Asphalt and Road Oil	494	726	1,220	2,879	1,524	327	4,730
Still Gas	632	56	688	2,906	486	901	4,293
Miscellaneous Products	45	16	61	333	60	61	454
Total	10,358	3,155	13,513	43,923	9,956	15,711	69,590
Processing Gain(-) or Loss(+)	-1,013	53	-960	-4,905	-1,232	-876	-7,013

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, October 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	439	5,578	5,089	12	9	11,127	245	-174	12,857
Natural Gas Liquids	144	3,066	2,607	-9	9	5,817	139	-278	5,978
Ethane	2	156	317	-	-	475	-	-	475
Propane	258	2,575	1,854	19	28	4,734	239	801	8,338
Normal Butane	-73	754	142	-28	-19	776	-61	-1,031	-2,391
Isobutane	-43	-419	294	-	-	-168	-39	-48	-444
Natural Gasoline	-	-	-	-	-	-	-	-	-
Refinery Olefins	295	2,512	2,482	21	-	5,310	106	104	6,879
Ethylene	-	55	71	-	-	126	-	-	137
Propylene	297	3,040	2,417	21	-	5,775	18	162	7,246
Butylene	-2	-583	-7	-	-	-592	88	-58	-529
Isobutylene	-	-	1	-	-	1	-	-	25
Finished Motor Gasoline	2,262	13,083	7,470	739	220	23,774	5,071	2,634	43,060
Reformulated	-	-	-	-	-	-	-	688	1,376
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	688	1,376
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	2,262	13,083	7,470	739	220	23,774	5,071	1,946	41,684
Conventional Blended with Fuel Ethanol	1,967	415	1,971	628	68	5,049	3,057	702	15,391
Ed55 and Lower	1,967	415	1,971	628	68	5,049	3,057	702	15,391
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	295	12,668	5,499	111	152	18,725	2,014	1,244	26,293
Finished Aviation Gasoline	76	117	217	-	-	410	7	33	450
Kerosene-Type Jet Fuel	1,377	14,091	10,836	159	-	26,463	1,078	12,609	49,972
Kerosene	-9	234	0	19	-	244	-	1	266
Distillate Fuel Oil	4,481	47,389	29,922	2,816	1,071	85,679	6,939	13,889	145,796
15 ppm sulfur and under	4,475	46,371	25,578	2,764	1,071	80,259	6,999	13,274	139,913
Greater than 15 ppm to 500 ppm sulfur	6	268	2,545	70	-	2,889	-35	251	3,199
Greater than 500 ppm sulfur	-	750	1,799	-18	-	2,531	-25	364	2,684
Residual Fuel Oil	386	1,769	1,506	-23	45	3,683	367	2,524	8,160
Less than 0.31 percent sulfur	254	-	625	-	-	879	208	51	1,181
0.31 to 1.00 percent sulfur	-12	661	310	-23	-	936	32	660	2,535
Greater than 1.00 percent sulfur	144	1,108	571	-	45	1,868	127	1,813	4,444
Petrochemical Feedstocks	68	2,901	2,158	-	41	5,168	28	131	6,216
Naphtha for Petro. Feed. Use	65	1,882	1,306	-	-	3,253	-	-	3,789
Other Oils for Petro. Feed. Use	3	1,019	852	-	41	1,915	28	131	2,427
Special Naphthas	13	687	-	239	-	939	-	18	955
Lubricants	2	1,157	1,691	818	-	3,668	-	339	4,403
Waxes	-	44	62	22	-	128	-	-	123
Petroleum Coke	228	8,044	4,940	173	20	13,405	650	3,335	23,811
Marketable	30	6,434	3,917	156	-	10,537	422	2,529	18,105
Catalyst	198	1,610	1,023	17	20	2,868	228	806	5,706
Asphalt and Road Oil	280	291	648	1,121	51	2,391	1,201	844	10,386
Still Gas	501	5,497	3,509	324	71	9,902	686	3,254	18,823
Miscellaneous Products	105	1,042	479	19	8	1,653	86	347	2,601
Total	10,209	101,924	68,527	6,438	1,536	188,634	16,358	39,784	327,879
Processing Gain(-) or Loss(+)	-558	-10,022	-7,964	-258	-29	-18,831	-989	-4,296	-32,089

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, November 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	509	-4	505	337	-369	163	131
Natural Gas Liquids	151	-4	147	-331	-516	-18	-865
Ethane	-	-	-	-	-	-	-
Propane	363	23	386	1,299	274	504	2,077
Normal Butane	-216	-12	-228	-1,428	-765	-496	-2,689
Isobutane	4	-15	-11	-202	-25	-26	-253
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	358	-	358	668	147	181	996
Ethylene	22	-	22	-	-	-	-
Propylene	328	-	328	664	147	179	990
Butylene	-1	-	-1	4	-	2	6
Isobutylene	9	-	9	-	-	-	-
Finished Motor Gasoline	673	1,271	1,944	4,482	1,974	2,880	9,336
Reformulated	673	-	673	-	-	3	3
Reformulated Blended with Fuel Ethanol	673	-	673	-	-	3	3
Reformulated Other	-	-	-	-	-	-	-
Conventional	-	1,271	1,271	4,482	1,974	2,877	9,333
Conventional Blended with Fuel Ethanol	-	1,251	1,251	1,838	1,642	1,443	4,923
Ed55 and Lower	-	1,251	1,251	1,838	1,642	1,443	4,923
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	-	20	20	2,644	332	1,434	4,410
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	2,222	-	2,222	6,718	894	986	8,598
Kerosene	144	4	148	66	-	115	181
Distillate Fuel Oil	6,097	809	6,906	19,016	5,562	10,828	35,406
15 ppm sulfur and under	6,115	806	6,921	19,007	5,529	10,803	35,339
Greater than 15 ppm to 500 ppm sulfur	72	-	72	-	-	-	-
Greater than 500 ppm sulfur	-90	3	-87	9	33	25	67
Residual Fuel Oil	1,024	1	1,025	680	218	184	1,082
Less than 0.31 percent sulfur	185	1	186	74	-	-	74
0.31 to 1.00 percent sulfur	662	-	662	181	97	33	311
Greater than 1.00 percent sulfur	177	-	177	425	121	151	697
Petrochemical Feedstocks	-	16	16	731	-	-	731
Naphtha for Petro. Feed. Use	-	-	-	439	-	-	439
Other Oils for Petro. Feed. Use	-	16	16	292	-	-	292
Special Naphthas	-	-2	-2	-52	-	9	-43
Lubricants	201	198	399	-	-	118	118
Waxes	-	-10	-10	-	-	14	14
Petroleum Coke	632	18	650	3,996	839	997	5,832
Marketable	252	-	252	3,038	682	743	4,463
Catalyst	380	18	398	958	157	254	1,369
Asphalt and Road Oil	330	668	998	2,872	1,639	315	4,826
Still Gas	757	50	807	2,808	607	1,107	4,522
Miscellaneous Products	46	17	63	325	91	60	476
Total	12,635	3,036	15,671	41,979	11,455	17,776	71,210
Processing Gain(-) or Loss(+)	-1,021	41	-980	-5,165	-1,187	-1,341	-7,693

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, November 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	336	4,848	4,632	-30	11	9,797	139	-577	9,995
Natural Gas Liquids	-9	1,989	1,451	-52	11	3,390	45	-750	1,967
Ethane	1	208	133	-	-	342	-	-	342
Propane	265	2,605	1,452	17	30	4,369	236	792	7,860
Normal Butane	-220	-468	-147	-69	-19	-923	-225	-1,605	-5,670
Isobutane	-55	-356	13	-	-	-398	34	63	-565
Natural Gasoline	-	-	-	-	-	-	-	-	-
Refinery Olefins	345	2,859	3,181	22	-	6,407	94	173	8,028
Ethylene	-	87	100	-	-	187	-	-	209
Propylene	350	3,253	3,067	22	-	6,692	23	159	8,192
Butylene	-5	-481	13	-	-	-473	71	14	-383
Isobutylene	-	-	1	-	-	1	-	-	10
Finished Motor Gasoline	2,127	14,080	8,402	712	98	25,419	4,920	2,831	44,450
Reformulated	30	-	-	-	-	30	-	598	1,304
Reformulated Blended with Fuel Ethanol	30	-	-	-	-	30	-	598	1,304
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	2,097	14,080	8,402	712	98	25,389	4,920	2,233	43,146
Conventional Blended with Fuel Ethanol	1,923	394	1,812	616	68	4,813	2,936	640	14,563
Ed55 and Lower	1,923	394	1,812	616	68	4,813	2,936	640	14,563
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	174	13,686	6,590	96	30	20,576	1,984	1,593	28,583
Finished Aviation Gasoline	81	69	65	-	-	215	3	-1	217
Kerosene-Type Jet Fuel	1,167	14,742	10,656	133	-	26,698	937	12,528	50,983
Kerosene	14	300	0	16	-	330	1	0	660
Distillate Fuel Oil	4,701	47,849	33,732	2,573	1,043	89,898	6,562	13,285	152,057
15 ppm sulfur and under	4,702	46,837	30,340	2,504	1,043	85,426	6,528	12,362	146,576
Greater than 15 ppm to 500 ppm sulfur	-1	253	2,306	73	-	2,631	-6	282	2,979
Greater than 500 ppm sulfur	-	759	1,086	-4	-	1,841	40	641	2,502
Residual Fuel Oil	251	1,636	1,572	-29	11	3,441	364	2,831	8,743
Less than 0.31 percent sulfur	252	-	637	-	-	889	223	53	1,425
0.31 to 1.00 percent sulfur	-1	527	359	-29	-	856	20	561	2,410
Greater than 1.00 percent sulfur	0	1,109	576	-	11	1,696	121	2,217	4,908
Petrochemical Feedstocks	85	3,661	2,067	-	38	5,851	25	53	6,676
Naphtha for Petro. Feed. Use	78	2,768	1,253	-	-	4,099	-	-	4,538
Other Oils for Petro. Feed. Use	7	893	814	-	38	1,752	25	53	2,138
Special Naphthas	23	746	-	230	-	999	-	18	972
Lubricants	13	1,388	1,378	790	-	3,569	-	202	4,288
Waxes	-	44	58	26	-	128	-	-	132
Petroleum Coke	212	8,419	5,464	118	23	14,236	681	3,255	24,654
Marketable	34	6,660	4,398	101	-	11,193	465	2,449	18,822
Catalyst	178	1,759	1,066	17	23	3,043	216	806	5,832
Asphalt and Road Oil	210	258	358	959	50	1,835	859	555	9,073
Still Gas	498	5,457	3,610	304	78	9,947	639	3,272	19,187
Miscellaneous Products	116	1,013	503	15	9	1,656	65	342	2,602
Total	9,834	104,510	72,497	5,817	1,361	194,019	15,195	38,594	334,689
Processing Gain(-) or Loss(+)	-384	-10,661	-7,078	83	-101	-18,141	-789	-4,162	-31,765

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, December 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	300	-7	293	510	-374	32	168
Natural Gas Liquids	-8	-7	-15	-338	-558	-185	-1,081
Ethane	-	-	-	-	-	-	-
Propane	440	26	466	1,513	275	513	2,301
Normal Butane	-417	-14	-431	-1,720	-800	-733	-3,253
Isobutane	-31	-19	-50	-131	-33	35	-129
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	308	-	308	848	184	217	1,249
Ethylene	4	-	4	-	-	-	-
Propylene	293	-	293	777	184	220	1,181
Butylene	-	-	-	71	-	-3	68
Isobutylene	11	-	11	-	-	-	-
Finished Motor Gasoline	655	1,142	1,797	4,145	2,071	2,671	8,887
Reformulated	655	-	655	-	-	5	5
Reformulated Blended with Fuel Ethanol	655	-	655	-	-	5	5
Reformulated Other	-	-	-	-	-	-	-
Conventional	-	1,142	1,142	4,145	2,071	2,666	8,882
Conventional Blended with Fuel Ethanol	-	1,104	1,104	1,854	1,691	1,485	5,030
Ed55 and Lower	-	1,104	1,104	1,854	1,691	1,485	5,030
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	-	38	38	2,291	380	1,181	3,852
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	2,978	-	2,978	7,407	968	943	9,318
Kerosene	73	2	75	119	-	93	212
Distillate Fuel Oil	6,441	815	7,256	22,221	5,706	10,941	38,868
15 ppm sulfur and under	6,448	813	7,261	22,291	5,707	11,053	39,051
Greater than 15 ppm to 500 ppm sulfur	168	-	168	-	-	-97	-97
Greater than 500 ppm sulfur	-175	2	-173	-70	-1	-15	-86
Residual Fuel Oil	1,149	1	1,150	665	209	169	1,043
Less than 0.31 percent sulfur	409	-	409	34	-	-	34
0.31 to 1.00 percent sulfur	555	1	556	216	116	28	360
Greater than 1.00 percent sulfur	185	-	185	415	93	141	649
Petrochemical Feedstocks	-	16	16	882	-	-	882
Naphtha for Petro. Feed. Use	-	-	-	534	-	-	534
Other Oils for Petro. Feed. Use	-	16	16	348	-	-	348
Special Naphthas	-	-2	-2	-22	-	13	-9
Lubricants	162	197	359	-	-	256	256
Waxes	-	-8	-8	-	-	58	58
Petroleum Coke	696	19	715	4,217	907	997	6,121
Marketable	257	-	257	3,147	740	730	4,617
Catalyst	439	19	458	1,070	167	267	1,504
Asphalt and Road Oil	298	684	982	2,547	1,485	303	4,335
Still Gas	889	53	942	2,918	633	1,036	4,587
Miscellaneous Products	48	23	71	353	124	61	538
Total	13,689	2,935	16,624	45,962	11,729	17,573	75,264
Processing Gain(-) or Loss(+)	-1,303	49	-1,254	-5,084	-1,218	-1,318	-7,620

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, December 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	243	5,816	4,512	-22	3	10,552	17	-327	10,703
Natural Gas Liquids	-60	2,303	1,669	-44	3	3,871	-40	-532	2,203
Ethane	3	212	111	-	-	326	-	-	326
Propane	327	2,781	1,786	20	29	4,943	223	853	8,786
Normal Butane	-366	-358	-273	-64	-26	-1,087	-259	-1,441	-6,471
Isobutane	-24	-332	45	-	-	-311	-4	56	-438
Natural Gasoline	-	-	-	-	-	-	-	-	-
Refinery Olefins	303	3,513	2,843	22	-	6,681	57	205	8,500
Ethylene	-	88	99	-	-	187	-	-	191
Propylene	308	3,664	2,858	22	-	6,852	8	214	8,548
Butylene	-5	-240	-115	-	-	-360	49	-9	-252
Isobutylene	-	1	1	-	-	2	-	-	13
Finished Motor Gasoline	2,324	17,473	9,427	736	184	30,144	4,568	2,484	47,880
Reformulated	38	-	-	-	-	38	-	518	1,216
Reformulated Blended with Fuel Ethanol	38	-	-	-	-	38	-	518	1,216
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	2,286	17,473	9,427	736	184	30,106	4,568	1,966	46,664
Conventional Blended with Fuel Ethanol	1,898	403	1,753	647	64	4,765	2,461	650	14,010
Ed55 and Lower	1,898	403	1,753	647	64	4,765	2,461	650	14,010
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	388	17,070	7,674	89	120	25,341	2,107	1,316	32,654
Finished Aviation Gasoline	102	136	102	-	-	340	6	82	428
Kerosene-Type Jet Fuel	1,435	16,424	11,001	148	-	29,008	967	14,329	56,600
Kerosene	3	422	0	23	-	448	-	2	737
Distillate Fuel Oil	6,103	49,510	36,005	2,902	884	95,404	6,309	13,734	161,571
15 ppm sulfur and under	6,104	48,741	31,827	2,780	884	90,336	6,272	12,681	155,601
Greater than 15 ppm to 500 ppm sulfur	-1	278	2,916	82	-	3,275	18	449	3,813
Greater than 500 ppm sulfur	-	491	1,262	40	-	1,793	19	604	2,157
Residual Fuel Oil	307	2,166	1,552	-25	52	4,052	339	2,368	8,952
Less than 0.31 percent sulfur	225	-	675	-	-	900	230	42	1,615
0.31 to 1.00 percent sulfur	-4	829	359	-25	-	1,159	15	920	3,010
Greater than 1.00 percent sulfur	86	1,337	518	-	52	1,993	94	1,406	4,327
Petrochemical Feedstocks	109	3,951	1,806	-	34	5,900	31	69	6,898
Naphtha for Petro. Feed. Use	102	2,858	917	-	-	3,877	-	-	4,411
Other Oils for Petro. Feed. Use	7	1,093	889	-	34	2,023	31	69	2,487
Special Naphthas	70	598	-	238	-	906	-	20	915
Lubricants	15	1,572	1,565	907	-	4,059	-	360	5,034
Waxes	-	50	56	31	-	137	-	-	187
Petroleum Coke	322	8,152	5,643	181	24	14,322	693	3,685	25,536
Marketable	116	6,199	4,600	164	-	11,079	477	2,780	19,210
Catalyst	206	1,953	1,043	17	24	3,243	216	905	6,326
Asphalt and Road Oil	231	364	223	943	16	1,777	858	668	8,620
Still Gas	651	5,828	3,565	384	78	10,506	651	3,542	20,228
Miscellaneous Products	128	983	520	20	6	1,657	54	389	2,709
Total	12,043	113,445	75,977	6,466	1,281	209,212	14,493	41,405	356,998
Processing Gain(-) or Loss(+)	-643	-9,816	-7,638	-306	-73	-18,476	-788	-4,893	-33,031

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 20. Blender Net Inputs of Petroleum Products by PAD Districts, January 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	1,380	–	1,380	38	73	371	482
Natural Gas Liquids	1,380	–	1,380	38	73	371	482
Normal Butane	1,099	–	1,099	35	60	269	364
Isobutane	–	–	–	–	–	–	–
Natural Gasoline	281	–	281	3	13	102	118
Other Liquids	83,843	5,213	89,056	40,602	7,849	12,243	60,694
Oxygenates/Renewables	9,155	573	9,728	4,227	884	1,400	6,511
Biofuels (including Fuel Ethanol)	9,155	573	9,728	4,227	884	1,400	6,511
Fuel Ethanol	8,700	522	9,222	4,144	858	1,365	6,367
Biodiesel	455	51	506	83	26	35	144
Renewable Diesel Fuel	–	–	–	–	–	–	–
Other Biofuels ¹	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	–	–	–	–
Naphthas and Lighter	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)(net)	74,688	4,640	79,328	36,375	6,965	10,843	54,183
Reformulated - RBOB	19,590	–	19,590	6,042	977	782	7,801
Conventional	55,098	4,640	59,738	30,333	5,988	10,061	46,382
CBOB	47,704	4,640	52,344	30,333	5,937	10,061	46,331
GTAB	2,884	–	2,884	–	–	–	–
Other	4,510	–	4,510	–	51	–	51
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input	85,223	5,213	90,436	40,640	7,922	12,614	61,176

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	47	3,593	344	33	–	4,017	98	26	6,003
Natural Gas Liquids	47	3,593	344	33	–	4,017	98	26	6,003
Normal Butane	46	770	344	33	–	1,193	63	26	2,745
Isobutane	–	–	–	–	–	–	1	–	1
Natural Gasoline	1	2,823	–	–	–	2,824	34	–	3,257
Other Liquids	17,795	6,643	2,475	8,049	1,259	36,221	5,907	39,975	231,853
Oxygenates/Renewables	1,827	832	283	889	134	3,965	656	4,632	25,492
Biofuels (including Fuel Ethanol)	1,827	832	283	889	134	3,965	656	4,632	25,492
Fuel Ethanol	1,808	774	283	872	130	3,867	640	4,176	24,272
Biodiesel	19	58	–	17	4	98	16	327	1,091
Renewable Diesel Fuel	–	–	–	–	–	–	–	129	129
Other Biofuels ¹	–	–	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	–	–	–	–	–	–
Naphthas and Lighter	–	–	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)(net)	15,968	5,811	2,192	7,160	1,125	32,256	5,251	35,343	206,361
Reformulated - RBOB	6,229	4,524	–	5	–	10,758	–	25,726	63,875
Conventional	9,739	1,287	2,192	7,155	1,125	21,498	5,251	9,617	142,486
CBOB	9,739	-3,614	1,369	7,155	1,098	15,747	5,250	9,280	128,952
GTAB	–	–	–	–	–	–	–	–	2,884
Other	–	4,901	823	–	27	5,751	1	337	10,650
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–	–	–
Total Input	17,842	10,236	2,819	8,082	1,259	40,238	6,005	40,001	237,856

-- = Not Applicable.

– = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

Table 20. Blender Net Inputs of Petroleum Products by PAD Districts, February 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	1,294	–	1,294	20	73	310	403
Natural Gas Liquids	1,294	–	1,294	20	73	310	403
Normal Butane	1,018	–	1,018	18	65	220	303
Isobutane	–	–	–	–	–	–	–
Natural Gasoline	276	–	276	2	8	90	100
Other Liquids	79,631	4,947	84,578	39,253	7,386	11,742	58,381
Oxygenates/Renewables	8,644	554	9,198	4,083	830	1,339	6,252
Biofuels (including Fuel Ethanol)	8,644	554	9,198	4,083	830	1,339	6,252
Fuel Ethanol	8,266	494	8,760	4,003	808	1,303	6,114
Biodiesel	378	60	438	80	22	36	138
Renewable Diesel Fuel	–	–	–	–	–	–	–
Other Biofuels ¹	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	–	–	–	–
Naphthas and Lighter	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)(net)	70,987	4,393	75,380	35,170	6,556	10,403	52,129
Reformulated - RBOB	18,812	–	18,812	6,096	993	694	7,783
Conventional	52,175	4,393	56,568	29,074	5,563	9,709	44,346
CBOB	44,998	4,393	49,391	29,061	5,498	9,709	44,268
GTAB	1,329	–	1,329	–	–	–	–
Other	5,848	–	5,848	13	65	–	78
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input	80,925	4,947	85,872	39,273	7,459	12,052	58,784

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	50	3,036	323	23	–	3,432	147	22	5,298
Natural Gas Liquids	50	3,036	323	23	–	3,432	147	22	5,298
Normal Butane	48	626	323	20	–	1,017	90	22	2,450
Isobutane	–	–	–	–	–	–	2	–	2
Natural Gasoline	2	2,410	–	3	–	2,415	55	–	2,846
Other Liquids	16,941	6,891	2,361	7,657	1,172	35,022	5,496	37,987	221,464
Oxygenates/Renewables	1,736	808	269	849	132	3,794	607	4,456	24,307
Biofuels (including Fuel Ethanol)	1,736	808	269	849	132	3,794	607	4,456	24,307
Fuel Ethanol	1,719	753	269	831	123	3,695	595	3,953	23,117
Biodiesel	17	55	–	18	9	99	12	351	1,038
Renewable Diesel Fuel	–	–	–	–	–	–	–	152	152
Other Biofuels ¹	–	–	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–9	–	–	–9	–	–	–9
Naphthas and Lighter	–	–	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–9	–	–	–9	–	–	–9
Residuum	–	–	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)(net)	15,205	6,083	2,101	6,808	1,040	31,237	4,889	33,531	197,166
Reformulated - RBOB	5,866	4,487	–	4	–	10,357	–	24,502	61,454
Conventional	9,339	1,596	2,101	6,804	1,040	20,880	4,889	9,029	135,712
CBOB	9,339	–3,904	1,265	6,804	1,016	14,520	4,888	8,809	121,876
GTAB	–	–	–	–	–	–	–	–	1,329
Other	–	5,500	836	–	24	6,360	1	220	12,507
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–	–	–
Total Input	16,991	9,927	2,684	7,680	1,172	38,454	5,643	38,009	226,762

-- = Not Applicable.

– = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

Table 20. Blender Net Inputs of Petroleum Products by PAD Districts, March 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	1,039	–	1,039	28	112	344	484
Natural Gas Liquids	1,039	–	1,039	28	112	344	484
Normal Butane	718	–	718	24	104	237	365
Isobutane	–	–	–	–	–	–	–
Natural Gasoline	321	–	321	4	8	107	119
Other Liquids	91,726	5,562	97,288	43,962	7,927	13,329	65,218
Oxygenates/Renewables	9,856	625	10,481	4,607	913	1,518	7,038
Biofuels (including Fuel Ethanol)	9,856	625	10,481	4,607	913	1,518	7,038
Fuel Ethanol	9,404	553	9,957	4,503	875	1,474	6,852
Biodiesel	452	72	524	104	38	44	186
Renewable Diesel Fuel	–	–	–	–	–	–	–
Other Biofuels ¹	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	–	–	–	–
Naphthas and Lighter	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)(net)	81,870	4,937	86,807	39,355	7,014	11,811	58,180
Reformulated - RBOB	22,176	–	22,176	6,699	1,166	789	8,654
Conventional	59,694	4,937	64,631	32,656	5,848	11,022	49,526
CBOB	51,984	4,937	56,921	32,643	5,792	11,022	49,457
GTAB	1,932	–	1,932	–	–	–	–
Other	5,778	–	5,778	13	56	–	69
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input	92,765	5,562	98,327	43,990	8,039	13,673	65,702

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	36	3,368	265	55	–	3,724	127	49	5,423
Natural Gas Liquids	36	3,368	265	55	–	3,724	127	49	5,423
Normal Butane	32	571	265	53	–	921	80	49	2,133
Isobutane	–	–	–	–	–	–	3	–	3
Natural Gasoline	4	2,797	–	2	–	2,803	44	–	3,287
Other Liquids	19,405	8,299	2,891	8,882	1,274	40,751	6,011	41,904	251,172
Oxygenates/Renewables	1,982	929	314	983	142	4,350	663	4,899	27,431
Biofuels (including Fuel Ethanol)	1,982	929	314	983	142	4,350	663	4,899	27,431
Fuel Ethanol	1,964	858	314	959	135	4,230	643	4,371	26,053
Biodiesel	18	71	–	24	7	120	20	392	1,242
Renewable Diesel Fuel	–	–	–	–	–	–	–	136	136
Other Biofuels ¹	–	–	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	–	–	–	–	–	–
Naphthas and Lighter	–	–	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)(net)	17,423	7,370	2,577	7,899	1,132	36,401	5,348	37,005	223,741
Reformulated - RBOB	6,835	5,850	–	4	–	12,689	–	26,547	70,066
Conventional	10,588	1,520	2,577	7,895	1,132	23,712	5,348	10,458	153,675
CBOB	10,588	-3,245	1,832	7,895	1,099	18,169	5,347	9,974	139,868
GTAB	–	–	–	–	–	–	–	–	1,932
Other	–	4,765	745	–	33	5,543	1	484	11,875
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–	–	–
Total Input	19,441	11,667	3,156	8,937	1,274	44,475	6,138	41,953	256,595

-- = Not Applicable.

– = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

Table 20. Blender Net Inputs of Petroleum Products by PAD Districts, April 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	762	—	762	57	133	239	429
Natural Gas Liquids	762	—	762	57	133	239	429
Normal Butane	570	—	570	55	123	171	349
Isobutane	—	—	—	—	—	—	—
Natural Gasoline	192	—	192	2	10	68	80
Other Liquids	89,106	5,635	94,741	43,466	7,415	13,249	64,130
Oxygenates/Renewables	9,450	628	10,078	4,573	940	1,524	7,037
Biofuels (including Fuel Ethanol)	9,450	628	10,078	4,573	940	1,524	7,037
Fuel Ethanol	9,110	558	9,668	4,460	832	1,460	6,752
Biodiesel	340	70	410	113	108	64	285
Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Biofuels ¹	—	—	—	—	—	—	—
Unfinished Oils (net)	—	—	—	—	—	—	—
Naphthas and Lighter	—	—	—	—	—	—	—
Kerosene and Light Gas Oils	—	—	—	—	—	—	—
Heavy Gas Oils	—	—	—	—	—	—	—
Residuum	—	—	—	—	—	—	—
Motor Gasoline Blend.Comp. (MGBC)(net)	79,656	5,007	84,663	38,893	6,475	11,725	57,093
Reformulated - RBOB	22,911	—	22,911	6,730	1,220	824	8,774
Conventional	56,745	5,007	61,752	32,163	5,255	10,901	48,319
CBOB	44,601	5,007	49,608	32,144	5,086	10,901	48,131
GTAB	3,048	—	3,048	—	—	—	—
Other	9,096	—	9,096	19	169	—	188
Aviation Gasoline Blend. Comp. (net)	—	—	—	—	—	—	—
Total Input	89,868	5,635	95,503	43,523	7,548	13,488	64,559

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	143	2,734	19	41	5	2,942	82	89	4,304
Natural Gas Liquids	143	2,734	19	41	5	2,942	82	89	4,304
Normal Butane	138	312	19	41	5	515	55	89	1,578
Isobutane	—	—	—	—	—	—	3	—	3
Natural Gasoline	5	2,422	—	—	—	2,427	24	—	2,723
Other Liquids	18,861	8,423	2,913	8,679	1,209	40,085	5,880	41,589	246,425
Oxygenates/Renewables	1,933	883	292	954	132	4,194	642	4,821	26,772
Biofuels (including Fuel Ethanol)	1,933	883	292	954	132	4,194	642	4,821	26,772
Fuel Ethanol	1,910	818	292	932	126	4,078	628	4,343	25,469
Biodiesel	23	65	—	22	6	116	14	355	1,180
Renewable Diesel Fuel	—	—	—	—	—	—	—	123	123
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Unfinished Oils (net)	—	—	-5	—	—	-5	—	—	-5
Naphthas and Lighter	—	—	—	—	—	—	—	—	—
Kerosene and Light Gas Oils	—	—	—	—	—	—	—	—	—
Heavy Gas Oils	—	—	-5	—	—	-5	—	—	-5
Residuum	—	—	—	—	—	—	—	—	—
Motor Gasoline Blend.Comp. (MGBC)(net)	16,928	7,540	2,626	7,725	1,077	35,896	5,238	36,768	219,658
Reformulated - RBOB	6,713	6,101	—	8	—	12,822	—	26,067	70,574
Conventional	10,215	1,439	2,626	7,717	1,077	23,074	5,238	10,701	149,084
CBOB	10,215	-2,188	1,991	7,717	1,046	18,781	5,237	9,719	131,476
GTAB	—	—	—	—	—	—	—	—	3,048
Other	—	3,627	635	—	31	4,293	1	982	14,560
Aviation Gasoline Blend. Comp. (net)	—	—	—	—	—	—	—	—	—
Total Input	19,004	11,157	2,932	8,720	1,214	43,027	5,962	41,678	250,729

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

Table 20. Blender Net Inputs of Petroleum Products by PAD Districts, May 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	41	–	41	7	7	60	74
Natural Gas Liquids	41	–	41	7	7	60	74
Normal Butane	21	–	21	4	7	18	29
Isobutane	–	–	–	–	–	–	–
Natural Gasoline	20	–	20	3	–	42	45
Other Liquids	94,413	6,280	100,693	46,358	9,091	14,326	69,775
Oxygenates/Renewables	9,920	707	10,627	4,882	1,152	1,628	7,662
Biofuels (including Fuel Ethanol)	9,920	707	10,627	4,882	1,152	1,628	7,662
Fuel Ethanol	9,632	622	10,254	4,754	985	1,569	7,308
Biodiesel	288	85	373	128	167	59	354
Renewable Diesel Fuel	–	–	–	–	–	–	–
Other Biofuels ¹	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	5	–	–	5
Naphthas and Lighter	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	5	–	–	5
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)(net)	84,493	5,573	90,066	41,471	7,939	12,698	62,108
Reformulated - RBOB	25,044	–	25,044	7,369	1,364	891	9,624
Conventional	59,449	5,573	65,022	34,102	6,575	11,807	52,484
CBOB	48,627	5,573	54,200	34,102	6,259	11,807	52,168
GTAB	3,009	–	3,009	–	–	–	–
Other	7,813	–	7,813	–	316	–	316
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input	94,454	6,280	100,734	46,365	9,098	14,386	69,849

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	6	2,938	23	1	–	2,968	27	7	3,117
Natural Gas Liquids	6	2,938	23	1	–	2,968	27	7	3,117
Normal Butane	1	91	23	1	–	116	8	7	181
Isobutane	–	–	–	–	–	–	2	–	2
Natural Gasoline	5	2,847	–	–	–	2,852	17	–	2,934
Other Liquids	19,276	9,108	3,154	9,246	1,317	42,101	6,482	43,813	262,864
Oxygenates/Renewables	1,979	971	316	1,020	146	4,432	702	5,090	28,513
Biofuels (including Fuel Ethanol)	1,979	971	316	1,020	146	4,432	702	5,090	28,513
Fuel Ethanol	1,953	893	316	985	139	4,286	689	4,577	27,114
Biodiesel	26	78	–	35	7	146	13	386	1,272
Renewable Diesel Fuel	–	–	–	–	–	–	–	127	127
Other Biofuels ¹	–	–	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	–	–	–	–	–	5
Naphthas and Lighter	–	–	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	–	–	–	–	–	5
Residuum	–	–	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)(net)	17,297	8,137	2,838	8,226	1,171	37,669	5,780	38,723	234,346
Reformulated - RBOB	7,086	6,555	–	7	–	13,648	–	27,656	75,972
Conventional	10,211	1,582	2,838	8,219	1,171	24,021	5,780	11,067	158,374
CBOB	10,211	-1,884	2,204	8,219	1,137	19,887	5,779	10,468	142,502
GTAB	–	–	–	–	–	–	–	–	3,009
Other	–	3,466	634	–	34	4,134	1	599	12,863
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–	–	–
Total Input	19,282	12,046	3,177	9,247	1,317	45,069	6,509	43,820	265,981

-- = Not Applicable.

– = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

Table 20. Blender Net Inputs of Petroleum Products by PAD Districts, June 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	419	-	419	10	9	63	82
Natural Gas Liquids	419	-	419	10	9	63	82
Normal Butane	26	-	26	7	9	15	31
Isobutane	-	-	-	-	-	-	-
Natural Gasoline	393	-	393	3	-	48	51
Other Liquids	89,667	6,097	95,764	44,716	9,095	14,181	67,992
Oxygenates/Renewables	9,478	686	10,164	4,726	1,152	1,607	7,485
Biofuels (including Fuel Ethanol)	9,478	686	10,164	4,726	1,152	1,607	7,485
Fuel Ethanol	9,220	608	9,828	4,596	987	1,540	7,123
Biodiesel	254	78	332	130	165	67	362
Renewable Diesel Fuel	4	-	4	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-
Unfinished Oils (net)	-	-	-	-	-	7	7
Naphthas and Lighter	-	-	-	-	-	-	-
Kerosene and Light Gas Oils	-	-	-	-	-	-	-
Heavy Gas Oils	-	-	-	-	-	7	7
Residuum	-	-	-	-	-	-	-
Motor Gasoline Blend.Comp. (MGBC)(net)	80,189	5,411	85,600	39,990	7,943	12,567	60,500
Reformulated - RBOB	21,595	-	21,595	6,975	1,316	872	9,163
Conventional	58,594	5,411	64,005	33,015	6,627	11,695	51,337
CBOB	44,693	5,411	50,104	33,011	6,521	11,695	51,227
GTAB	4,323	-	4,323	-	-	-	-
Other	9,578	-	9,578	4	106	-	110
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	90,086	6,097	96,183	44,726	9,104	14,244	68,074

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	3	2,893	19	3	-	2,918	24	5	3,448
Natural Gas Liquids	3	2,893	19	3	-	2,918	24	5	3,448
Normal Butane	-	110	19	2	-	131	7	5	200
Isobutane	-	-	-	-	-	-	1	-	1
Natural Gasoline	3	2,783	-	1	-	2,787	16	-	3,247
Other Liquids	18,347	8,962	3,027	8,938	1,342	40,616	6,676	42,300	253,348
Oxygenates/Renewables	1,842	947	304	982	146	4,221	707	4,838	27,415
Biofuels (including Fuel Ethanol)	1,842	947	304	982	146	4,221	707	4,838	27,415
Fuel Ethanol	1,815	868	304	957	141	4,085	697	4,416	26,149
Biodiesel	27	79	-	25	5	136	10	325	1,165
Renewable Diesel Fuel	-	-	-	-	-	-	-	97	101
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Unfinished Oils (net)	-	-	-	-	-	-	-	-	7
Naphthas and Lighter	-	-	-	-	-	-	-	-	-
Kerosene and Light Gas Oils	-	-	-	-	-	-	-	-	-
Heavy Gas Oils	-	-	-	-	-	-	-	-	7
Residuum	-	-	-	-	-	-	-	-	-
Motor Gasoline Blend.Comp. (MGBC)(net)	16,505	8,015	2,723	7,956	1,196	36,395	5,969	37,462	225,926
Reformulated - RBOB	6,740	6,350	-	7	-	13,097	-	27,211	71,066
Conventional	9,765	1,665	2,723	7,949	1,196	23,298	5,969	10,251	154,860
CBOB	9,765	-754	2,033	7,949	1,156	20,149	5,968	10,065	137,513
GTAB	-	-	-	-	-	-	-	-	4,323
Other	-	2,419	690	-	40	3,149	1	186	13,024
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-	-	-
Total Input	18,350	11,855	3,046	8,941	1,342	43,534	6,700	42,305	256,796

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

Table 20. Blender Net Inputs of Petroleum Products by PAD Districts, July 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	80	–	80	5	6	68	79
Natural Gas Liquids	80	–	80	5	6	68	79
Normal Butane	36	–	36	3	6	20	29
Isobutane	–	–	–	–	–	–	–
Natural Gasoline	44	–	44	2	–	48	50
Other Liquids	93,108	6,198	99,306	44,982	9,088	13,890	67,960
Oxygenates/Renewables	9,696	682	10,378	4,733	1,136	1,580	7,449
Biofuels (including Fuel Ethanol)	9,696	682	10,378	4,733	1,136	1,580	7,449
Fuel Ethanol	9,447	618	10,065	4,616	986	1,518	7,120
Biodiesel	244	64	308	117	150	62	329
Renewable Diesel Fuel	5	–	5	–	–	–	–
Other Biofuels ¹	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	–	–	–	–
Naphthas and Lighter	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)(net)	83,412	5,516	88,928	40,249	7,952	12,310	60,511
Reformulated - RBOB	20,906	–	20,906	6,880	1,282	878	9,040
Conventional	62,506	5,516	68,022	33,369	6,670	11,432	51,471
CBOB	48,992	5,516	54,508	33,364	6,582	11,432	51,378
GTAB	5,483	–	5,483	–	–	–	–
Other	8,031	–	8,031	5	88	–	93
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input	93,188	6,198	99,386	44,987	9,094	13,958	68,039

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	4	2,665	23	3	–	2,695	30	3	2,887
Natural Gas Liquids	4	2,665	23	3	–	2,695	30	3	2,887
Normal Butane	–	156	23	2	–	181	9	3	258
Isobutane	–	–	–	–	–	–	1	–	1
Natural Gasoline	4	2,509	–	1	–	2,514	20	–	2,628
Other Liquids	19,042	8,867	3,047	9,000	1,361	41,317	6,837	43,247	258,667
Oxygenates/Renewables	1,958	919	306	978	149	4,310	732	4,953	27,822
Biofuels (including Fuel Ethanol)	1,958	919	306	978	149	4,310	732	4,953	27,822
Fuel Ethanol	1,931	842	306	959	144	4,182	723	4,525	26,615
Biodiesel	27	77	–	19	5	128	9	309	1,083
Renewable Diesel Fuel	–	–	–	–	–	–	–	119	124
Other Biofuels ¹	–	–	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	–	–	–	–	–	–
Naphthas and Lighter	–	–	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)(net)	17,084	7,948	2,741	8,022	1,212	37,007	6,105	38,294	230,845
Reformulated - RBOB	6,900	5,949	–	8	–	12,857	–	27,026	69,829
Conventional	10,184	1,999	2,741	8,014	1,212	24,150	6,105	11,268	161,016
CBOB	10,184	-1,298	2,212	8,014	1,172	20,284	6,104	10,752	143,026
GTAB	–	–	–	–	–	–	–	–	5,483
Other	–	3,297	529	–	40	3,866	1	516	12,507
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–	–	–
Total Input	19,046	11,532	3,070	9,003	1,361	44,012	6,867	43,250	261,554

-- = Not Applicable.

– = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

Table 20. Blender Net Inputs of Petroleum Products by PAD Districts, August 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	437	-	437	-	5	71	76
Natural Gas Liquids	437	-	437	-	5	71	76
Normal Butane	179	-	179	-	5	20	25
Isobutane	-	-	-	-	-	-	-
Natural Gasoline	258	-	258	-	-	51	51
Other Liquids	94,662	6,280	100,942	47,112	9,308	13,678	70,098
Oxygenates/Renewables	9,924	689	10,613	4,965	1,187	1,597	7,749
Biofuels (including Fuel Ethanol)	9,924	689	10,613	4,965	1,187	1,597	7,749
Fuel Ethanol	9,656	629	10,285	4,841	1,007	1,532	7,380
Biodiesel	257	60	317	124	180	65	369
Renewable Diesel Fuel	11	-	11	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-
Unfinished Oils (net)	-	-	-	-	-	-	-
Naphthas and Lighter	-	-	-	-	-	-	-
Kerosene and Light Gas Oils	-	-	-	-	-	-	-
Heavy Gas Oils	-	-	-	-	-	-	-
Residuum	-	-	-	-	-	-	-
Motor Gasoline Blend.Comp. (MGBC)(net)	84,738	5,591	90,329	42,147	8,121	12,081	62,349
Reformulated - RBOB	23,325	-	23,325	7,462	1,338	690	9,490
Conventional	61,413	5,591	67,004	34,685	6,783	11,391	52,859
CBOB	49,194	5,591	54,785	34,677	6,626	11,391	52,694
GTAB	5,846	-	5,846	-	-	-	-
Other	6,373	-	6,373	8	157	-	165
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	95,099	6,280	101,379	47,112	9,313	13,749	70,174

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	5	3,025	43	4	-	3,077	29	5	3,624
Natural Gas Liquids	5	3,025	43	4	-	3,077	29	5	3,624
Normal Butane	-	150	43	2	-	195	9	5	413
Isobutane	-	-	-	-	-	-	1	-	1
Natural Gasoline	5	2,875	-	2	-	2,882	19	-	3,210
Other Liquids	19,680	8,532	3,118	9,296	1,349	41,975	6,511	44,022	263,548
Oxygenates/Renewables	2,032	950	315	1,017	149	4,463	719	5,049	28,593
Biofuels (including Fuel Ethanol)	2,032	950	315	1,017	149	4,463	719	5,049	28,593
Fuel Ethanol	2,005	868	315	1,000	141	4,329	707	4,606	27,307
Biodiesel	27	82	-	17	8	134	12	339	1,171
Renewable Diesel Fuel	-	-	-	-	-	-	-	104	115
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Unfinished Oils (net)	-	-	-	-	-	-	-	-	-
Naphthas and Lighter	-	-	-	-	-	-	-	-	-
Kerosene and Light Gas Oils	-	-	-	-	-	-	-	-	-
Heavy Gas Oils	-	-	-	-	-	-	-	-	-
Residuum	-	-	-	-	-	-	-	-	-
Motor Gasoline Blend.Comp. (MGBC)(net)	17,648	7,582	2,803	8,279	1,200	37,512	5,792	38,973	234,955
Reformulated - RBOB	7,245	6,362	-	6	-	13,613	-	28,024	74,452
Conventional	10,403	1,220	2,803	8,273	1,200	23,899	5,792	10,949	160,503
CBOB	10,403	-1,303	2,266	8,273	1,167	20,806	5,791	10,530	144,606
GTAB	-	-	-	-	-	-	-	-	5,846
Other	-	2,523	537	-	33	3,093	1	419	10,051
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-	-	-
Total Input	19,685	11,557	3,161	9,300	1,349	45,052	6,540	44,027	267,172

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

Table 20. Blender Net Inputs of Petroleum Products by PAD Districts, September 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	1,791	–	1,791	17	128	518	663
Natural Gas Liquids	1,791	–	1,791	17	128	518	663
Normal Butane	1,499	–	1,499	17	111	347	475
Isobutane	–	–	–	–	–	–	–
Natural Gasoline	292	–	292	–	17	171	188
Other Liquids	86,229	5,706	91,935	43,788	8,204	12,287	64,279
Oxygenates/Renewables	9,254	624	9,878	4,615	1,063	1,459	7,137
Biofuels (including Fuel Ethanol)	9,254	624	9,878	4,615	1,063	1,459	7,137
Fuel Ethanol	8,967	566	9,533	4,498	906	1,394	6,798
Biodiesel	272	58	330	117	157	65	339
Renewable Diesel Fuel	15	–	15	–	–	–	–
Other Biofuels ¹	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	–	–	–	–
Naphthas and Lighter	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)(net)	76,975	5,082	82,057	39,173	7,141	10,828	57,142
Reformulated - RBOB	18,605	–	18,605	6,694	1,263	618	8,575
Conventional	58,370	5,082	63,452	32,479	5,878	10,210	48,567
CBOB	48,045	5,082	53,127	32,464	5,726	10,210	48,400
GTAB	1,998	–	1,998	–	–	–	–
Other	8,327	–	8,327	15	152	–	167
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input	88,020	5,706	93,726	43,805	8,332	12,805	64,942

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	60	3,786	237	75	3	4,161	77	40	6,732
Natural Gas Liquids	60	3,786	237	75	3	4,161	77	40	6,732
Normal Butane	49	928	237	70	3	1,287	38	40	3,339
Isobutane	–	–	–	–	–	–	2	–	2
Natural Gasoline	11	2,858	–	5	–	2,874	37	–	3,391
Other Liquids	18,615	8,279	2,655	8,577	1,310	39,436	6,280	41,312	243,242
Oxygenates/Renewables	1,915	894	289	946	140	4,184	681	4,791	26,671
Biofuels (including Fuel Ethanol)	1,915	894	289	946	140	4,184	681	4,791	26,671
Fuel Ethanol	1,891	817	289	929	136	4,062	662	4,315	25,370
Biodiesel	24	77	–	17	4	122	19	340	1,150
Renewable Diesel Fuel	–	–	–	–	–	–	–	136	151
Other Biofuels ¹	–	–	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	–	–	–	–	–	–
Naphthas and Lighter	–	–	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)(net)	16,700	7,385	2,366	7,631	1,170	35,252	5,599	36,521	216,571
Reformulated - RBOB	6,675	4,542	–	6	–	11,223	286	26,513	65,202
Conventional	10,025	2,843	2,366	7,625	1,170	24,029	5,313	10,008	151,369
CBOB	10,025	-1,169	1,654	7,625	1,136	19,271	5,312	9,763	135,873
GTAB	–	–	–	–	–	–	–	–	1,998
Other	–	4,012	712	–	34	4,758	1	245	13,498
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–	–	–
Total Input	18,675	12,065	2,892	8,652	1,313	43,597	6,357	41,352	249,974

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

Table 20. Blender Net Inputs of Petroleum Products by PAD Districts, October 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	1,884	–	1,884	54	196	658	908
Natural Gas Liquids	1,884	–	1,884	54	196	658	908
Normal Butane	1,471	–	1,471	51	175	463	689
Isobutane	–	–	–	–	–	–	–
Natural Gasoline	413	–	413	3	21	195	219
Other Liquids	90,915	5,908	96,823	45,001	8,675	12,871	66,547
Oxygenates/Renewables	9,830	661	10,491	4,763	1,033	1,525	7,321
Biofuels (including Fuel Ethanol)	9,830	661	10,491	4,763	1,033	1,525	7,321
Fuel Ethanol	9,456	587	10,043	4,633	964	1,462	7,059
Biodiesel	364	74	438	130	69	63	262
Renewable Diesel Fuel	10	–	10	–	–	–	–
Other Biofuels ¹	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	–	–	–	–
Naphthas and Lighter	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)(net)	81,085	5,247	86,332	40,238	7,642	11,346	59,226
Reformulated - RBOB	23,027	–	23,027	6,860	1,117	684	8,661
Conventional	58,058	5,247	63,305	33,378	6,525	10,662	50,565
CBOB	48,749	5,247	53,996	33,346	6,343	10,662	50,351
GTAB	1,630	–	1,630	–	–	–	–
Other	7,679	–	7,679	32	182	–	214
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input	92,799	5,908	98,707	45,055	8,871	13,529	67,455

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	82	3,973	392	90	7	4,544	90	82	7,508
Natural Gas Liquids	82	3,973	392	90	7	4,544	90	82	7,508
Normal Butane	72	974	392	88	7	1,533	50	82	3,825
Isobutane	–	–	–	–	–	–	1	–	1
Natural Gasoline	10	2,999	–	2	–	3,011	39	–	3,682
Other Liquids	19,505	7,560	2,570	8,934	1,338	39,907	6,270	42,871	252,418
Oxygenates/Renewables	2,003	931	298	983	149	4,364	663	4,965	27,804
Biofuels (including Fuel Ethanol)	2,003	931	298	983	149	4,364	663	4,965	27,804
Fuel Ethanol	1,980	851	298	965	141	4,235	653	4,490	26,480
Biodiesel	23	80	–	18	8	129	10	364	1,203
Renewable Diesel Fuel	–	–	–	–	–	–	–	111	121
Other Biofuels ¹	–	–	–	–	–	–	–	–	–
Unfinished Oils (net)	–	97	–	–	–	97	–	–	97
Naphthas and Lighter	–	–	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–	–	–
Heavy Gas Oils	–	97	–	–	–	97	–	–	97
Residuum	–	–	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)(net)	17,502	6,532	2,272	7,951	1,189	35,446	5,607	37,906	224,517
Reformulated - RBOB	7,078	4,886	–	8	–	11,972	660	26,968	71,288
Conventional	10,424	1,646	2,272	7,943	1,189	23,474	4,947	10,938	153,229
CBOB	10,424	-1,612	1,504	7,943	1,169	19,428	4,946	10,484	139,205
GTAB	–	–	–	–	–	–	–	–	1,630
Other	–	3,258	768	–	20	4,046	1	454	12,394
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–	–	–
Total Input	19,587	11,533	2,962	9,024	1,345	44,451	6,360	42,953	259,926

-- = Not Applicable.
– = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

Table 20. Blender Net Inputs of Petroleum Products by PAD Districts, November 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	1,788	–	1,788	23	173	533	729
Natural Gas Liquids	1,788	–	1,788	23	173	533	729
Normal Butane	1,413	–	1,413	20	149	367	536
Isobutane	–	–	–	–	–	–	–
Natural Gasoline	375	–	375	3	24	166	193
Other Liquids	87,204	5,674	92,878	43,262	8,209	12,537	64,008
Oxygenates/Renewables	9,461	639	10,100	4,565	969	1,475	7,009
Biofuels (including Fuel Ethanol)	9,461	639	10,100	4,565	969	1,475	7,009
Fuel Ethanol	9,057	564	9,621	4,463	928	1,415	6,806
Biodiesel	398	75	473	102	41	60	203
Renewable Diesel Fuel	6	–	6	–	–	–	–
Other Biofuels ¹	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	1	–	–	1
Naphthas and Lighter	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	1	–	–	1
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)(net)	77,743	5,035	82,778	38,696	7,240	11,062	56,998
Reformulated - RBOB	22,279	–	22,279	6,769	983	662	8,414
Conventional	55,464	5,035	60,499	31,927	6,257	10,400	48,584
CBOB	47,678	5,035	52,713	31,910	6,037	10,400	48,347
GTAB	1,074	–	1,074	–	–	–	–
Other	6,712	–	6,712	17	220	–	237
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input	88,992	5,674	94,666	43,285	8,382	13,070	64,737

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	50	4,062	346	56	8	4,522	117	79	7,235
Natural Gas Liquids	50	4,062	346	56	8	4,522	117	79	7,235
Normal Butane	47	886	346	52	8	1,339	76	79	3,443
Isobutane	–	–	–	–	–	–	1	–	1
Natural Gasoline	3	3,176	–	4	–	3,183	40	–	3,791
Other Liquids	18,588	6,905	2,440	8,454	1,274	37,661	5,918	40,166	240,631
Oxygenates/Renewables	1,918	863	279	938	144	4,142	623	4,636	26,510
Biofuels (including Fuel Ethanol)	1,918	863	279	938	144	4,142	623	4,636	26,510
Fuel Ethanol	1,892	797	279	915	134	4,017	613	4,208	25,265
Biodiesel	26	66	–	23	10	125	10	330	1,141
Renewable Diesel Fuel	–	–	–	–	–	–	–	98	104
Other Biofuels ¹	–	–	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	–	–	–	–	–	1
Naphthas and Lighter	–	–	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	–	–	–	–	–	1
Residuum	–	–	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)(net)	16,670	6,042	2,161	7,516	1,130	33,519	5,295	35,530	214,120
Reformulated - RBOB	6,944	4,960	–	6	–	11,910	1,265	25,142	69,010
Conventional	9,726	1,082	2,161	7,510	1,130	21,609	4,030	10,388	145,110
CBOB	9,726	-1,632	1,380	7,510	1,119	18,103	4,029	9,644	132,836
GTAB	–	–	–	–	–	–	–	–	1,074
Other	–	2,714	781	–	11	3,506	1	744	11,200
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–	–	–
Total Input	18,638	10,967	2,786	8,510	1,282	42,183	6,035	40,245	247,866

-- = Not Applicable.

– = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

Table 20. Blender Net Inputs of Petroleum Products by PAD Districts, December 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	1,606	–	1,606	40	133	612	785
Natural Gas Liquids	1,606	–	1,606	40	133	612	785
Normal Butane	1,289	–	1,289	38	117	437	592
Isobutane	–	–	–	–	–	–	–
Natural Gasoline	317	–	317	2	16	175	193
Other Liquids	86,432	5,616	92,048	43,315	7,985	12,130	63,430
Oxygenates/Renewables	9,414	636	10,050	4,548	924	1,424	6,896
Biofuels (including Fuel Ethanol)	9,414	636	10,050	4,548	924	1,424	6,896
Fuel Ethanol	8,946	569	9,515	4,459	895	1,374	6,728
Biodiesel	465	67	532	89	29	50	168
Renewable Diesel Fuel	3	–	3	–	–	–	–
Other Biofuels ¹	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	–	–	–	–
Naphthas and Lighter	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)(net)	77,018	4,980	81,998	38,767	7,061	10,706	56,534
Reformulated - RBOB	20,661	–	20,661	6,774	1,073	620	8,467
Conventional	56,357	4,980	61,337	31,993	5,988	10,086	48,067
CBOB	48,489	4,980	53,469	31,983	5,737	10,086	47,806
GTAB	1,274	–	1,274	–	–	–	–
Other	6,594	–	6,594	10	251	–	261
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input	88,038	5,616	93,654	43,355	8,118	12,742	64,215

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	18	3,816	295	53	10	4,192	137	40	6,760
Natural Gas Liquids	18	3,816	295	53	10	4,192	137	40	6,760
Normal Butane	17	619	295	48	10	989	85	40	2,995
Isobutane	–	–	–	–	–	–	1	–	1
Natural Gasoline	1	3,197	–	5	–	3,203	51	–	3,764
Other Liquids	18,118	8,278	2,643	8,427	1,258	38,724	6,206	40,690	241,098
Oxygenates/Renewables	1,862	816	299	928	141	4,046	647	4,637	26,276
Biofuels (including Fuel Ethanol)	1,862	816	299	928	141	4,046	647	4,637	26,276
Fuel Ethanol	1,840	761	299	912	134	3,946	640	4,273	25,102
Biodiesel	22	55	–	16	7	100	7	268	1,075
Renewable Diesel Fuel	–	–	–	–	–	–	–	96	99
Other Biofuels ¹	–	–	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	–	–	–	–	–	–
Naphthas and Lighter	–	–	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)(net)	16,256	7,462	2,344	7,499	1,117	34,678	5,559	36,053	214,822
Reformulated - RBOB	6,563	4,640	–	8	–	11,211	1,801	26,065	68,205
Conventional	9,693	2,822	2,344	7,491	1,117	23,467	3,758	9,988	146,617
CBOB	9,693	-2,799	1,430	7,491	1,105	16,920	3,757	9,852	131,804
GTAB	–	–	–	–	–	–	–	–	1,274
Other	–	5,621	914	–	12	6,547	1	136	13,539
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–	–	–
Total Input	18,136	12,094	2,938	8,480	1,268	42,916	6,343	40,730	247,858

-- = Not Applicable.
– = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

Table 21. Blender Net Production of Petroleum Products by PAD Districts, January 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Finished Motor Gasoline	84,766	5,162	89,928	40,557	7,898	12,579	61,034
Reformulated	32,767	44	32,811	7,427	1,434	869	9,730
Reformulated Blended with Fuel Ethanol	32,766	44	32,810	7,427	1,434	869	9,730
Reformulated Other	1	-	1	-	-	-	-
Conventional	51,999	5,118	57,117	33,130	6,464	11,710	51,304
Conventional Blended with Fuel Ethanol	52,731	5,151	57,882	33,378	6,809	11,747	51,934
Ed55 and Lower	52,662	5,151	57,813	33,356	6,765	11,603	51,724
Greater than Ed55	69	-	69	22	44	144	210
Conventional Other	-732	-33	-765	-248	-345	-37	-630
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	35	-	35	-6	-	0	-6
Kerosene	-46	-	-46	-	-	-	-
Distillate Fuel Oil	500	51	551	88	26	35	149
15 ppm sulfur and under	491	51	542	88	26	35	149
Greater than 15 ppm to 500 ppm sulfur	35	-	35	-	-	103	103
Greater than 500 ppm sulfur	-26	-	-26	-	-	-103	-103
Residual Fuel Oil	-29	-	-29	-	-	-	-
Less than 0.31 percent sulfur	-28	-	-28	-	-	-	-
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-
Greater than 1.00 percent sulfur	-1	-	-1	-	-	-	-
Special Naphthas	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-
Asphalt and Road Oil	1	-	1	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-
Total Production	85,227	5,213	90,440	40,639	7,924	12,614	61,177
Processing Gain(-) or Loss(+) ¹	-4	0	-4	1	-2	0	-1

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Finished Motor Gasoline	17,824	10,172	2,818	8,067	1,256	40,137	5,985	39,547	236,631
Reformulated	6,868	6,553	-	-	-	13,421	-	28,761	84,723
Reformulated Blended with Fuel Ethanol	6,864	6,551	-	-	-	13,415	-	28,761	84,716
Reformulated Other	4	2	-	-	-	6	-	-	7
Conventional	10,956	3,619	2,818	8,067	1,256	26,716	5,985	10,786	151,908
Conventional Blended with Fuel Ethanol	10,992	1,031	2,807	8,523	1,315	24,668	6,165	12,435	153,084
Ed55 and Lower	10,981	1,030	2,807	8,503	1,314	24,635	6,137	12,427	152,736
Greater than Ed55	11	1	-	20	1	33	28	8	348
Conventional Other	-36	2,588	11	-456	-59	2,048	-180	-1,649	-1,176
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	36	9	-	0	45	67	-5	136
Kerosene	-	-36	1	-	-	-35	-	-	-81
Distillate Fuel Oil	19	63	-9	16	4	93	-50	453	1,196
15 ppm sulfur and under	19	22	-9	16	4	52	-50	442	1,135
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-	-	-	138
Greater than 500 ppm sulfur	-	41	-	-	-	41	-	11	-77
Residual Fuel Oil	-	-	14	-	-	14	-	-	-15
Less than 0.31 percent sulfur	-	-	-	-	-	-	-	-	-28
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-	-	-
Greater than 1.00 percent sulfur	-	-	14	-	-	14	-	-	13
Special Naphthas	-	-	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-14	-	-	-14	-	-	-13
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total Production	17,843	10,235	2,819	8,083	1,260	40,240	6,002	39,995	237,854
Processing Gain(-) or Loss(+) ¹	-1	1	0	-1	-1	-2	3	6	2

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

¹ Represents the arithmetic difference between input and production.

Table 21. Blender Net Production of Petroleum Products by PAD Districts, February 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Finished Motor Gasoline	80,549	4,886	85,435	39,191	7,435	12,017	58,643
Reformulated	31,238	49	31,287	7,191	1,355	771	9,317
Reformulated Blended with Fuel Ethanol	31,238	49	31,287	7,191	1,355	771	9,317
Reformulated Other	-	-	-	-	-	-	-
Conventional	49,311	4,837	54,148	32,000	6,080	11,246	49,326
Conventional Blended with Fuel Ethanol	50,261	4,862	55,123	32,242	6,400	11,278	49,920
Ed55 and Lower	50,188	4,862	55,050	32,223	6,361	11,139	49,723
Greater than Ed55	73	-	73	19	39	139	197
Conventional Other	-950	-25	-975	-242	-320	-32	-594
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	-19	-	-19	-26	-	0	-26
Kerosene	35	-	35	-	-	-	-
Distillate Fuel Oil	376	61	437	107	21	36	164
15 ppm sulfur and under	377	61	438	107	21	36	164
Greater than 15 ppm to 500 ppm sulfur	25	-	25	-	-	94	94
Greater than 500 ppm sulfur	-26	-	-26	-	-	-94	-94
Residual Fuel Oil	-27	-	-27	-	-	-1	-1
Less than 0.31 percent sulfur	-16	-	-16	-	-	-	-
0.31 to 1.00 percent sulfur	-	-	-	-	-	-1	-1
Greater than 1.00 percent sulfur	-11	-	-11	-	-	-	-
Special Naphthas	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-
Asphalt and Road Oil	14	-	14	-	-	1	1
Miscellaneous Products	-	-	-	-	-	-	-
Total Production	80,928	4,947	85,875	39,272	7,456	12,053	58,781
Processing Gain(-) or Loss(+) ¹	-3	0	-3	1	3	-1	3

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Finished Motor Gasoline	16,973	9,872	2,692	7,664	1,162	38,363	5,630	37,544	225,615
Reformulated	6,487	6,342	-	-	-	12,829	-	27,339	80,772
Reformulated Blended with Fuel Ethanol	6,486	6,342	-	-	-	12,828	-	27,339	80,771
Reformulated Other	1	-	-	-	-	1	-	-	1
Conventional	10,486	3,530	2,692	7,664	1,162	25,534	5,630	10,205	144,843
Conventional Blended with Fuel Ethanol	10,515	1,041	2,679	8,120	1,216	23,571	5,829	11,727	146,170
Ed55 and Lower	10,505	1,040	2,679	8,105	1,215	23,544	5,802	11,721	145,840
Greater than Ed55	10	1	-	15	1	27	27	6	330
Conventional Other	-29	2,489	13	-456	-54	1,963	-199	-1,522	-1,327
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	32	7	-	0	39	70	-2	62
Kerosene	-	-32	1	-	-	-31	-	1	5
Distillate Fuel Oil	17	55	-8	18	9	91	-58	465	1,099
15 ppm sulfur and under	17	55	-8	18	9	91	-58	458	1,093
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-	-	-	119
Greater than 500 ppm sulfur	-	-	-	-	-	-	-	7	-113
Residual Fuel Oil	-	-	-9	-	-	-9	-	0	-37
Less than 0.31 percent sulfur	-	-	-	-	-	-	-	11	-5
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-	-1	-2
Greater than 1.00 percent sulfur	-	-	-9	-	-	-9	-	-10	-30
Special Naphthas	-	-	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-	-	-	-	-	-	15
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total Production	16,990	9,927	2,683	7,682	1,171	38,453	5,642	38,008	226,759
Processing Gain(-) or Loss(+) ¹	1	0	1	-2	1	1	1	1	3

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

¹ Represents the arithmetic difference between input and production.

Table 21. Blender Net Production of Petroleum Products by PAD Districts, March 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Finished Motor Gasoline	92,320	5,490	97,810	43,884	7,999	13,628	65,511
Reformulated	35,217	42	35,259	8,005	1,472	876	10,353
Reformulated Blended with Fuel Ethanol	35,216	42	35,258	8,005	1,471	876	10,352
Reformulated Other	1	-	1	-	1	-	1
Conventional	57,103	5,448	62,551	35,879	6,527	12,752	55,158
Conventional Blended with Fuel Ethanol	57,961	5,474	63,435	36,311	6,959	12,818	56,088
Ed55 and Lower	57,878	5,474	63,352	36,290	6,913	12,672	55,875
Greater than Ed55	83	-	83	21	46	146	213
Conventional Other	-858	-26	-884	-432	-432	-66	-930
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	-	0	-27	-	0	-27
Kerosene	-21	-	-21	-	-	-	-
Distillate Fuel Oil	497	72	569	133	40	44	217
15 ppm sulfur and under	497	72	569	133	40	44	217
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	96	96
Greater than 500 ppm sulfur	0	-	0	-	-	-96	-96
Residual Fuel Oil	-29	-	-29	-	-	-1	-1
Less than 0.31 percent sulfur	-30	-	-30	-	-	-	-
0.31 to 1.00 percent sulfur	-	-	-	-	-	-1	-1
Greater than 1.00 percent sulfur	1	-	1	-	-	-	-
Special Naphthas	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-	0	-	3	3
Miscellaneous Products	-	-	-	-	-	-	-
Total Production	92,767	5,562	98,329	43,990	8,039	13,674	65,703
Processing Gain(-) or Loss(+) ¹	-2	0	-2	0	0	-1	-1

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Finished Motor Gasoline	19,422	11,595	3,156	8,914	1,267	44,354	6,118	41,438	255,231
Reformulated	7,514	7,202	-	-	-	14,716	-	30,069	90,397
Reformulated Blended with Fuel Ethanol	7,511	7,202	-	-	-	14,713	-	30,069	90,392
Reformulated Other	3	-	-	-	-	3	-	-	5
Conventional	11,908	4,393	3,156	8,914	1,267	29,638	6,118	11,369	164,834
Conventional Blended with Fuel Ethanol	11,923	1,228	3,136	9,436	1,329	27,052	6,273	13,134	165,982
Ed55 and Lower	11,913	1,227	3,136	9,420	1,328	27,024	6,247	13,124	165,622
Greater than Ed55	10	1	-	16	1	28	26	10	360
Conventional Other	-15	3,165	20	-522	-62	2,586	-155	-1,765	-1,148
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	1	46	5	-	0	52	74	-1	98
Kerosene	-	-47	-	-	-	-47	-	-	-68
Distillate Fuel Oil	17	71	-5	24	7	114	-54	509	1,355
15 ppm sulfur and under	17	71	-5	24	7	114	-54	503	1,349
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-	-	-	96
Greater than 500 ppm sulfur	-	-	-	-	-	-	-	6	-90
Residual Fuel Oil	-	-	1	-	-	1	-	0	-29
Less than 0.31 percent sulfur	-	-	-	-	-	-	-	-	-30
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-	-2	-3
Greater than 1.00 percent sulfur	-	-	1	-	-	1	-	2	4
Special Naphthas	-	-	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-1	-	-	-1	-	-	2
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total Production	19,440	11,665	3,156	8,938	1,274	44,473	6,138	41,946	256,589
Processing Gain(-) or Loss(+) ¹	1	2	0	-1	0	2	0	7	6

- = No Data Reported.
 Note: Refer to Appendix A for Refining District descriptions.
 Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."
¹ Represents the arithmetic difference between input and production.

Table 21. Blender Net Production of Petroleum Products by PAD Districts, April 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Finished Motor Gasoline	89,531	5,565	95,096	43,405	7,440	13,419	64,264
Reformulated	34,376	54	34,430	7,656	1,394	915	9,965
Reformulated Blended with Fuel Ethanol	34,374	54	34,428	7,656	1,393	915	9,964
Reformulated Other	2	-	2	-	1	-	1
Conventional	55,155	5,511	60,666	35,749	6,046	12,504	54,299
Conventional Blended with Fuel Ethanol	55,684	5,531	61,215	36,241	6,554	12,553	55,348
Ed55 and Lower	55,601	5,531	61,132	36,219	6,514	12,400	55,133
Greater than Ed55	83	-	83	22	40	153	215
Conventional Other	-529	-20	-549	-492	-508	-49	-1,049
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	-1	-	-1	-20	-	0	-20
Kerosene	1	-	1	-	-	-	-
Distillate Fuel Oil	341	70	411	135	108	62	305
15 ppm sulfur and under	326	70	396	135	108	42	285
Greater than 15 ppm to 500 ppm sulfur	15	-	15	-	-	103	103
Greater than 500 ppm sulfur	-	-	-	-	-	-83	-83
Residual Fuel Oil	-7	-	-7	-	-	-	-
Less than 0.31 percent sulfur	-7	-	-7	-	-	-	-
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-
Greater than 1.00 percent sulfur	-	-	-	-	-	-	-
Special Naphthas	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-	-	-	1	1
Miscellaneous Products	-	-	-	-	-	-	-
Total Production	89,865	5,635	95,500	43,520	7,548	13,482	64,550
Processing Gain(-) or Loss(+) ¹	3	0	3	3	0	6	9

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Finished Motor Gasoline	18,980	11,093	2,938	8,704	1,209	42,924	5,947	41,215	249,446
Reformulated	7,424	6,862	-	-	-	14,286	-	30,052	88,733
Reformulated Blended with Fuel Ethanol	7,421	6,860	-	-	-	14,281	-	30,052	88,725
Reformulated Other	3	2	-	-	-	5	-	-	8
Conventional	11,556	4,231	2,938	8,704	1,209	28,638	5,947	11,163	160,713
Conventional Blended with Fuel Ethanol	11,600	1,084	2,917	9,197	1,272	26,070	6,102	12,877	161,612
Ed55 and Lower	11,588	1,083	2,917	9,180	1,271	26,039	6,077	12,864	161,245
Greater than Ed55	12	1	-	17	1	31	25	13	367
Conventional Other	-44	3,147	21	-493	-63	2,568	-155	-1,714	-899
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	40	11	-	0	51	51	-2	79
Kerosene	-	-41	1	-	-	-40	-	-	-39
Distillate Fuel Oil	23	-73	-13	21	6	-36	-38	471	1,113
15 ppm sulfur and under	23	-73	-13	21	6	-36	-38	464	1,071
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-	-	-	118
Greater than 500 ppm sulfur	-	-	-	-	-	-	-	7	-76
Residual Fuel Oil	-	-	-5	-	-	-5	-	0	-12
Less than 0.31 percent sulfur	-	-	-	-	-	-	-	3	-4
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-	-2	-2
Greater than 1.00 percent sulfur	-	-	-5	-	-	-5	-	-1	-6
Special Naphthas	-	-	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-	-	-	-	-	-	1
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total Production	19,003	11,019	2,932	8,725	1,215	42,894	5,960	41,684	250,588
Processing Gain(-) or Loss(+) ¹	1	138	0	-5	-1	133	2	-6	141

- = No Data Reported.
 Note: Refer to Appendix A for Refining District descriptions.
 Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."
¹ Represents the arithmetic difference between input and production.

Table 21. Blender Net Production of Petroleum Products by PAD Districts, May 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Finished Motor Gasoline	94,172	6,199	100,371	46,264	8,931	14,329	69,524
Reformulated	36,429	69	36,498	8,243	1,507	990	10,740
Reformulated Blended with Fuel Ethanol	36,424	69	36,493	8,243	1,506	990	10,739
Reformulated Other	5	-	5	-	1	-	1
Conventional	57,743	6,130	63,873	38,021	7,424	13,339	58,784
Conventional Blended with Fuel Ethanol	58,590	6,155	64,745	38,577	7,916	13,352	59,845
Ed55 and Lower	58,509	6,155	64,664	38,551	7,865	13,191	59,607
Greater than Ed55	81	-	81	26	51	161	238
Conventional Other	-847	-25	-872	-556	-492	-13	-1,061
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	-	0	-23	-	-2	-25
Kerosene	-4	-	-4	-	-	-	-
Distillate Fuel Oil	287	81	368	119	168	58	345
15 ppm sulfur and under	287	81	368	119	168	58	345
Greater than 15 ppm to 500 ppm sulfur	29	-	29	-	-	111	111
Greater than 500 ppm sulfur	-29	-	-29	-	-	-111	-111
Residual Fuel Oil	-	-	-	-	-	-	-
Less than 0.31 percent sulfur	-	-	-	-	-	-	-
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-
Greater than 1.00 percent sulfur	-	-	-	-	-	-	-
Special Naphthas	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-	5	-	5	10
Miscellaneous Products	-	-	-	-	-	-	-
Total Production	94,455	6,280	100,735	46,365	9,099	14,390	69,854
Processing Gain(-) or Loss(+) ¹	-1	0	-1	0	-1	-4	-5

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Finished Motor Gasoline	19,253	11,968	3,177	9,210	1,309	44,917	6,495	43,300	264,607
Reformulated	7,767	7,091	-	-	-	14,858	-	31,369	93,465
Reformulated Blended with Fuel Ethanol	7,765	7,089	-	-	-	14,854	-	31,369	93,455
Reformulated Other	2	2	-	-	-	4	-	-	10
Conventional	11,486	4,877	3,177	9,210	1,309	30,059	6,495	11,931	171,142
Conventional Blended with Fuel Ethanol	11,512	1,654	3,147	9,716	1,362	27,391	6,669	13,802	172,452
Ed55 and Lower	11,500	1,653	3,147	9,696	1,361	27,357	6,641	13,792	172,061
Greater than Ed55	12	1	-	20	1	34	28	10	391
Conventional Other	-26	3,223	30	-506	-53	2,668	-174	-1,871	-1,310
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	-1	36	12	-	1	48	62	5	90
Kerosene	-	-36	-	-	-	-36	-	-	-40
Distillate Fuel Oil	27	-57	-13	34	7	-2	-49	510	1,172
15 ppm sulfur and under	27	-57	-13	34	7	-2	-49	507	1,169
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-	-	-	140
Greater than 500 ppm sulfur	-	-	-	-	-	-	-	3	-137
Residual Fuel Oil	-	-	72	-	-	72	-	0	72
Less than 0.31 percent sulfur	-	-	-	-	-	-	-	-	-
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-	-1	-1
Greater than 1.00 percent sulfur	-	-	72	-	-	72	-	1	73
Special Naphthas	-	-	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-72	-	-	-72	-	-	-62
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total Production	19,279	11,911	3,176	9,244	1,317	44,927	6,508	43,815	265,839
Processing Gain(-) or Loss(+) ¹	3	135	1	3	0	142	1	5	142

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

¹ Represents the arithmetic difference between input and production.

Table 21. Blender Net Production of Petroleum Products by PAD Districts, June 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Finished Motor Gasoline	89,831	6,024	95,855	44,621	8,942	14,169	67,732
Reformulated	35,126	67	35,193	7,831	1,465	969	10,265
Reformulated Blended with Fuel Ethanol	35,122	67	35,189	7,831	1,464	969	10,264
Reformulated Other	4	-	4	-	1	-	1
Conventional	54,705	5,957	60,662	36,790	7,477	13,200	57,467
Conventional Blended with Fuel Ethanol	55,801	6,002	61,803	37,302	7,925	13,245	58,472
Ed55 and Lower	55,725	6,002	61,727	37,272	7,868	13,094	58,234
Greater than Ed55	76	-	76	30	57	151	238
Conventional Other	-1,096	-45	-1,141	-512	-448	-45	-1,005
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	-	0	-29	-1	-1	-31
Kerosene	-	-	-	-	-	-	-
Distillate Fuel Oil	254	73	327	134	165	62	361
15 ppm sulfur and under	246	73	319	134	165	63	362
Greater than 15 ppm to 500 ppm sulfur	34	-	34	-	-	104	104
Greater than 500 ppm sulfur	-26	-	-26	-	-	-105	-105
Residual Fuel Oil	-1	-	-1	-	-	-	-
Less than 0.31 percent sulfur	-5	-	-5	-	-	-	-
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-
Greater than 1.00 percent sulfur	4	-	4	-	-	-	-
Special Naphthas	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-	-	1	11	12
Miscellaneous Products	-	-	-	-	-	-	-
Total Production	90,084	6,097	96,181	44,726	9,107	14,241	68,074
Processing Gain(-) or Loss(+) ¹	2	0	2	0	-3	3	0

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Finished Motor Gasoline	18,321	11,775	3,044	8,913	1,336	43,389	6,688	41,931	255,595
Reformulated	7,392	6,947	-	-	-	14,339	-	30,273	90,070
Reformulated Blended with Fuel Ethanol	7,388	6,945	-	-	-	14,333	-	30,273	90,059
Reformulated Other	4	2	-	-	-	6	-	-	11
Conventional	10,929	4,828	3,044	8,913	1,336	29,050	6,688	11,658	165,525
Conventional Blended with Fuel Ethanol	10,953	1,561	3,011	9,412	1,399	26,336	6,762	13,419	166,792
Ed55 and Lower	10,945	1,560	3,011	9,392	1,398	26,306	6,740	13,406	166,413
Greater than Ed55	8	1	-	20	1	30	22	13	379
Conventional Other	-24	3,267	33	-499	-63	2,714	-74	-1,761	-1,267
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	40	7	-	0	47	101	5	122
Kerosene	-	-40	1	-	-	-39	-	-	-39
Distillate Fuel Oil	29	-87	-7	25	5	-35	-91	365	927
15 ppm sulfur and under	29	-87	-7	25	5	-35	-91	368	923
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-	-	-	138
Greater than 500 ppm sulfur	-	-	-	-	-	-	-	-3	-134
Residual Fuel Oil	-	-	-	-	-	-	-	0	-1
Less than 0.31 percent sulfur	-	-	-	-	-	-	-	-	-5
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-	-2	-2
Greater than 1.00 percent sulfur	-	-	-	-	-	-	-	2	6
Special Naphthas	-	-	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-	-	-	-	-	-	12
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total Production	18,350	11,688	3,045	8,938	1,341	43,362	6,698	42,301	256,616
Processing Gain(-) or Loss(+) ¹	0	167	1	3	1	172	2	4	180

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

¹ Represents the arithmetic difference between input and production.

Table 21. Blender Net Production of Petroleum Products by PAD Districts, July 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Finished Motor Gasoline	92,942	6,136	99,078	44,902	8,946	13,894	67,742
Reformulated	35,815	50	35,865	7,738	1,429	976	10,143
Reformulated Blended with Fuel Ethanol	35,810	50	35,860	7,738	1,428	976	10,142
Reformulated Other	5	-	5	-	1	-	1
Conventional	57,127	6,086	63,213	37,164	7,517	12,918	57,599
Conventional Blended with Fuel Ethanol	57,525	6,126	63,651	37,664	7,979	12,952	58,595
Ed55 and Lower	57,451	6,126	63,577	37,642	7,925	12,804	58,371
Greater than Ed55	74	-	74	22	54	148	224
Conventional Other	-398	-40	-438	-500	-462	-34	-996
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	-	0	-31	-4	-3	-38
Kerosene	-	-	-	-	-	-	-
Distillate Fuel Oil	246	62	308	113	148	57	318
15 ppm sulfur and under	236	62	298	113	148	58	319
Greater than 15 ppm to 500 ppm sulfur	11	-	11	-	-	97	97
Greater than 500 ppm sulfur	-1	-	-1	-	-	-98	-98
Residual Fuel Oil	-	-	-	-	-	-	-
Less than 0.31 percent sulfur	-	-	-	-	-	-	-
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-
Greater than 1.00 percent sulfur	-	-	-	-	-	-	-
Special Naphthas	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-	-	4	7	11
Miscellaneous Products	-	-	-	-	-	-	-
Total Production	93,188	6,198	99,386	44,984	9,094	13,955	68,033
Processing Gain(-) or Loss(+) ¹	0	0	0	3	0	3	6

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Finished Motor Gasoline	19,019	11,455	3,072	8,985	1,356	43,887	6,859	42,898	260,464
Reformulated	7,530	6,854	-	-	-	14,384	-	30,669	91,061
Reformulated Blended with Fuel Ethanol	7,528	6,853	-	-	-	14,381	-	30,669	91,052
Reformulated Other	2	1	-	-	-	3	-	-	9
Conventional	11,489	4,601	3,072	8,985	1,356	29,503	6,859	12,229	169,403
Conventional Blended with Fuel Ethanol	11,529	1,361	3,044	9,477	1,424	26,835	6,955	14,080	170,116
Ed55 and Lower	11,521	1,360	3,044	9,458	1,423	26,806	6,926	14,067	169,747
Greater than Ed55	8	1	-	19	1	29	29	13	369
Conventional Other	-40	3,240	28	-492	-68	2,668	-96	-1,851	-713
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	-	6	-	0	6	127	-	95
Kerosene	-	0	-	-	-	0	-	-	0
Distillate Fuel Oil	26	78	-6	18	5	121	-117	350	980
15 ppm sulfur and under	26	78	-6	18	5	121	-117	347	968
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-	-	-	108
Greater than 500 ppm sulfur	-	-	-	-	-	-	-	3	-96
Residual Fuel Oil	-	-	-	-	-	-	-	0	0
Less than 0.31 percent sulfur	-	-	-	-	-	-	-	-	-
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-	-1	-1
Greater than 1.00 percent sulfur	-	-	-	-	-	-	-	1	1
Special Naphthas	-	-	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-	-	-	-	-	-	11
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total Production	19,045	11,533	3,072	9,003	1,361	44,014	6,869	43,248	261,550
Processing Gain(-) or Loss(+) ¹	1	-1	-2	0	0	-2	-2	2	4

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

¹ Represents the arithmetic difference between input and production.

Table 21. Blender Net Production of Petroleum Products by PAD Districts, August 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Finished Motor Gasoline	94,837	6,226	101,063	47,016	9,137	13,685	69,838
Reformulated	36,302	38	36,340	8,365	1,492	767	10,624
Reformulated Blended with Fuel Ethanol	36,297	38	36,335	8,365	1,491	767	10,623
Reformulated Other	5	-	5	-	1	-	1
Conventional	58,535	6,188	64,723	38,651	7,645	12,918	59,214
Conventional Blended with Fuel Ethanol	58,870	6,212	65,082	39,240	8,111	12,936	60,287
Ed55 and Lower	58,780	6,212	64,992	39,213	8,055	12,777	60,045
Greater than Ed55	90	-	90	27	56	159	242
Conventional Other	-335	-24	-359	-589	-466	-18	-1,073
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	11	-	11	-29	-	-2	-31
Kerosene	-95	-	-95	-	-	-	-
Distillate Fuel Oil	352	54	406	124	179	62	365
15 ppm sulfur and under	347	54	401	124	179	63	366
Greater than 15 ppm to 500 ppm sulfur	21	-	21	-	-	120	120
Greater than 500 ppm sulfur	-16	-	-16	-	-	-121	-121
Residual Fuel Oil	-16	-	-16	-	-	-1	-1
Less than 0.31 percent sulfur	-5	-	-5	-	-	-	-
0.31 to 1.00 percent sulfur	-	-	-	-	-	-1	-1
Greater than 1.00 percent sulfur	-11	-	-11	-	-	-	-
Special Naphthas	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-
Asphalt and Road Oil	11	-	11	-	-	6	6
Miscellaneous Products	-	-	-	-	-	-	-
Total Production	95,100	6,280	101,380	47,111	9,316	13,750	70,177
Processing Gain(-) or Loss(+) ¹	-1	0	-1	1	-3	-1	-3

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Finished Motor Gasoline	19,656	11,474	3,162	9,283	1,343	44,918	6,542	43,643	266,004
Reformulated	7,921	7,295	-	-	-	15,216	-	31,465	93,645
Reformulated Blended with Fuel Ethanol	7,917	7,293	-	-	-	15,210	-	31,465	93,633
Reformulated Other	4	2	-	-	-	6	-	-	12
Conventional	11,735	4,179	3,162	9,283	1,343	29,702	6,542	12,178	172,359
Conventional Blended with Fuel Ethanol	11,780	1,185	3,144	9,800	1,409	27,318	6,635	14,032	173,354
Ed55 and Lower	11,773	1,183	3,144	9,777	1,408	27,285	6,602	14,019	172,943
Greater than Ed55	7	2	-	23	1	33	33	13	411
Conventional Other	-45	2,994	18	-517	-66	2,384	-93	-1,854	-995
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	1	35	8	-	-2	42	111	-	133
Kerosene	-	-35	1	-	-	-34	-	-	-129
Distillate Fuel Oil	27	-67	-8	18	8	-22	-115	386	1,020
15 ppm sulfur and under	27	-67	-8	18	8	-22	-115	386	1,016
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-	-	-	141
Greater than 500 ppm sulfur	-	-	-	-	-	-	-	-	-137
Residual Fuel Oil	-	-	-	-	-	-	-	-	-17
Less than 0.31 percent sulfur	-	-	-	-	-	-	-	-	-5
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-	-	-1
Greater than 1.00 percent sulfur	-	-	-	-	-	-	-	-	-11
Special Naphthas	-	-	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-	-	-	-	-	-	17
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total Production	19,684	11,407	3,163	9,301	1,349	44,904	6,538	44,029	267,028
Processing Gain(-) or Loss(+) ¹	1	150	-2	-1	0	148	2	-2	144

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

¹ Represents the arithmetic difference between input and production.

Table 21. Blender Net Production of Petroleum Products by PAD Districts, September 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Finished Motor Gasoline	87,742	5,656	93,398	43,719	8,175	12,741	64,635
Reformulated	34,305	33	34,338	7,848	1,415	687	9,950
Reformulated Blended with Fuel Ethanol	34,301	33	34,334	7,848	1,414	687	9,949
Reformulated Other	4	-	4	-	1	-	1
Conventional	53,437	5,623	59,060	35,871	6,760	12,054	54,685
Conventional Blended with Fuel Ethanol	54,162	5,637	59,799	36,387	7,196	12,142	55,725
Ed55 and Lower	54,078	5,637	59,715	36,362	7,148	11,997	55,507
Greater than Ed55	84	-	84	25	48	145	218
Conventional Other	-725	-14	-739	-516	-436	-88	-1,040
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	-2	-	-2	-33	-1	-1	-35
Kerosene	-3	-	-3	-	-	-	-
Distillate Fuel Oil	295	50	345	121	157	61	339
15 ppm sulfur and under	278	50	328	121	157	62	340
Greater than 15 ppm to 500 ppm sulfur	19	-	19	-	-	109	109
Greater than 500 ppm sulfur	-2	-	-2	-	-	-110	-110
Residual Fuel Oil	-18	-	-18	-	-	-	-
Less than 0.31 percent sulfur	-8	-	-8	-	-	-	-
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-
Greater than 1.00 percent sulfur	-10	-	-10	-	-	-	-
Special Naphthas	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-
Asphalt and Road Oil	10	-	10	-	1	4	5
Miscellaneous Products	-	-	-	-	-	-	-
Total Production	88,024	5,706	93,730	43,807	8,332	12,805	64,944
Processing Gain(-) or Loss(+) ¹	-4	0	-4	-2	0	0	-2

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Finished Motor Gasoline	18,651	11,988	2,892	8,635	1,310	43,476	6,338	40,963	248,810
Reformulated	7,373	6,876	-	-	-	14,249	293	29,634	88,464
Reformulated Blended with Fuel Ethanol	7,370	6,875	-	-	-	14,245	293	29,634	88,455
Reformulated Other	3	1	-	-	-	4	-	-	9
Conventional	11,278	5,112	2,892	8,635	1,310	29,227	6,045	11,329	160,346
Conventional Blended with Fuel Ethanol	11,320	1,092	2,878	9,101	1,375	25,766	6,076	13,051	160,417
Ed55 and Lower	11,314	1,091	2,878	9,080	1,374	25,737	6,046	13,031	160,036
Greater than Ed55	6	1	-	21	1	29	30	20	381
Conventional Other	-42	4,020	14	-466	-65	3,461	-31	-1,722	-71
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	37	8	-	0	45	86	0	94
Kerosene	-	-36	-	-	-	-36	-	-	-39
Distillate Fuel Oil	24	-95	-8	18	4	-57	-66	401	962
15 ppm sulfur and under	24	-95	-8	18	4	-57	-66	401	946
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-	-	-	128
Greater than 500 ppm sulfur	-	-	-	-	-	-	-	0	-112
Residual Fuel Oil	-	-	-	-	-	-	-	0	-18
Less than 0.31 percent sulfur	-	-	-	-	-	-	-	-	-8
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-	-2	-2
Greater than 1.00 percent sulfur	-	-	-	-	-	-	-	2	-8
Special Naphthas	-	-	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-	-	-	-	-	-	15
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total Production	18,675	11,894	2,892	8,653	1,314	43,428	6,358	41,364	249,824
Processing Gain(-) or Loss(+) ¹	0	171	0	-1	-1	169	-1	-12	150

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

¹ Represents the arithmetic difference between input and production.

Table 21. Blender Net Production of Petroleum Products by PAD Districts, October 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Finished Motor Gasoline	92,442	5,842	98,284	44,954	8,803	13,463	67,220
Reformulated	36,222	27	36,249	8,181	1,616	761	10,558
Reformulated Blended with Fuel Ethanol	36,221	27	36,248	8,181	1,615	761	10,557
Reformulated Other	1	-	1	-	1	-	1
Conventional	56,220	5,815	62,035	36,773	7,187	12,702	56,662
Conventional Blended with Fuel Ethanol	57,004	5,844	62,848	37,293	7,649	12,786	57,728
Ed55 and Lower	56,912	5,844	62,756	37,265	7,603	12,646	57,514
Greater than Ed55	92	-	92	28	46	140	214
Conventional Other	-784	-29	-813	-520	-462	-84	-1,066
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	-85	-	-85	-40	-	-1	-41
Kerosene	1	-	1	-	-	-	-
Distillate Fuel Oil	444	66	510	140	70	64	274
15 ppm sulfur and under	422	66	488	140	70	65	275
Greater than 15 ppm to 500 ppm sulfur	51	-	51	-	-	117	117
Greater than 500 ppm sulfur	-29	-	-29	-	-	-118	-118
Residual Fuel Oil	0	-	0	-	-	-	-
Less than 0.31 percent sulfur	0	-	0	-	-	-	-
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-
Greater than 1.00 percent sulfur	-	-	-	-	-	-	-
Special Naphthas	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-	-	-	3	3
Miscellaneous Products	-	-	-	-	-	-	-
Total Production	92,802	5,908	98,710	45,054	8,873	13,529	67,456
Processing Gain(-) or Loss(+) ¹	-3	0	-3	1	-2	0	-1

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Finished Motor Gasoline	19,564	11,355	2,961	9,005	1,337	44,222	6,352	42,555	258,633
Reformulated	7,808	7,194	-	-	-	15,002	795	30,544	93,148
Reformulated Blended with Fuel Ethanol	7,806	7,192	-	-	-	14,998	795	30,544	93,142
Reformulated Other	2	2	-	-	-	4	-	-	6
Conventional	11,756	4,161	2,961	9,005	1,337	29,220	5,557	12,011	165,485
Conventional Blended with Fuel Ethanol	11,816	1,145	2,952	9,477	1,408	26,798	5,518	13,743	166,635
Ed55 and Lower	11,808	1,144	2,952	9,457	1,407	26,768	5,518	13,724	166,280
Greater than Ed55	8	1	-	20	1	30	-	19	355
Conventional Other	-60	3,016	9	-472	-71	2,422	39	-1,732	-1,150
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	39	2	-	0	41	72	3	-10
Kerosene	-	-38	-	-	-	-38	-	-	-37
Distillate Fuel Oil	22	-186	-2	20	8	-138	-62	397	981
15 ppm sulfur and under	22	-186	-2	20	8	-138	-62	395	958
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-	-	-	168
Greater than 500 ppm sulfur	-	-	-	-	-	-	-	2	-145
Residual Fuel Oil	-	229	-	-	-	229	-	0	229
Less than 0.31 percent sulfur	-	-	-	-	-	-	-	-	0
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-	-6	-6
Greater than 1.00 percent sulfur	-	229	-	-	-	229	-	6	235
Special Naphthas	-	-	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-	-	-	-	-	-	3
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total Production	19,586	11,399	2,961	9,025	1,345	44,316	6,362	42,955	259,799
Processing Gain(-) or Loss(+) ¹	1	134	1	-1	0	135	-2	-2	127

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

¹ Represents the arithmetic difference between input and production.

Table 21. Blender Net Production of Petroleum Products by PAD Districts, November 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Finished Motor Gasoline	88,600	5,602	94,202	43,212	8,341	13,006	64,559
Reformulated	34,930	24	34,954	8,082	1,503	736	10,321
Reformulated Blended with Fuel Ethanol	34,929	24	34,953	8,082	1,502	736	10,320
Reformulated Other	1	-	1	-	1	-	1
Conventional	53,670	5,578	59,248	35,130	6,838	12,270	54,238
Conventional Blended with Fuel Ethanol	54,411	5,610	60,021	35,661	7,335	12,320	55,316
Ed55 and Lower	54,325	5,610	59,935	35,637	7,293	12,187	55,117
Greater than Ed55	86	-	86	24	42	133	199
Conventional Other	-741	-32	-773	-531	-497	-50	-1,078
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	-16	-	-16	-35	0	0	-35
Kerosene	7	-	7	-	-	-	-
Distillate Fuel Oil	424	72	496	103	43	59	205
15 ppm sulfur and under	418	72	490	103	43	60	206
Greater than 15 ppm to 500 ppm sulfur	34	-	34	-	-	130	130
Greater than 500 ppm sulfur	-28	-	-28	-	-	-131	-131
Residual Fuel Oil	-28	-	-28	-	-	-	-
Less than 0.31 percent sulfur	-28	-	-28	-	-	-	-
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-
Greater than 1.00 percent sulfur	-	-	-	-	-	-	-
Special Naphthas	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-	1	0	2	3
Miscellaneous Products	-	-	-	-	-	-	-
Total Production	88,987	5,674	94,661	43,281	8,384	13,067	64,732
Processing Gain(-) or Loss(+) ¹	5	0	5	4	-2	3	5

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Finished Motor Gasoline	18,613	10,898	2,786	8,486	1,273	42,056	6,064	39,896	246,777
Reformulated	7,648	6,737	-	-	-	14,385	1,504	28,584	89,748
Reformulated Blended with Fuel Ethanol	7,648	6,735	-	-	-	14,383	1,504	28,584	89,744
Reformulated Other	0	2	-	-	-	2	-	-	4
Conventional	10,965	4,161	2,786	8,486	1,273	27,671	4,560	11,312	157,029
Conventional Blended with Fuel Ethanol	11,004	1,100	2,778	8,970	1,340	25,192	4,547	12,904	157,980
Ed55 and Lower	10,996	1,099	2,778	8,952	1,339	25,164	4,547	12,887	157,650
Greater than Ed55	8	1	-	18	1	28	-	17	330
Conventional Other	-39	3,061	8	-484	-67	2,479	13	-1,592	-951
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	-	3	-	0	3	56	2	10
Kerosene	-	-1	1	-	-	0	-	-	7
Distillate Fuel Oil	26	-53	-3	25	10	5	-86	352	972
15 ppm sulfur and under	26	-53	-3	25	10	5	-86	349	964
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-	-	-	164
Greater than 500 ppm sulfur	-	-	-	-	-	-	-	3	-156
Residual Fuel Oil	-	-	-	-	-	-	-	0	-28
Less than 0.31 percent sulfur	-	-	-	-	-	-	-	-	-28
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-	-3	-3
Greater than 1.00 percent sulfur	-	-	-	-	-	-	-	3	3
Special Naphthas	-	-	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil	0	-	-	-	-	0	-	-	3
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total Production	18,639	10,844	2,787	8,511	1,283	42,064	6,034	40,250	247,741
Processing Gain(-) or Loss(+) ¹	-1	123	-1	-1	-1	119	1	-5	125

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

¹ Represents the arithmetic difference between input and production.

Table 21. Blender Net Production of Petroleum Products by PAD Districts, December 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Finished Motor Gasoline	87,585	5,558	93,143	43,290	8,091	12,694	64,075
Reformulated	35,100	27	35,127	8,134	1,535	690	10,359
Reformulated Blended with Fuel Ethanol	35,100	27	35,127	8,134	1,534	690	10,358
Reformulated Other	-	-	-	-	1	-	1
Conventional	52,485	5,531	58,016	35,156	6,556	12,004	53,716
Conventional Blended with Fuel Ethanol	53,440	5,557	58,997	35,693	7,024	12,073	54,790
Ed55 and Lower	53,360	5,556	58,916	35,671	6,981	11,943	54,595
Greater than Ed55	80	1	81	22	43	130	195
Conventional Other	-955	-26	-981	-537	-468	-69	-1,074
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	-10	-	-10	-36	-	0	-36
Kerosene	1	-	1	-	-	-	-
Distillate Fuel Oil	506	58	564	101	28	48	177
15 ppm sulfur and under	506	58	564	101	28	48	177
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	118	118
Greater than 500 ppm sulfur	-	-	-	-	-	-118	-118
Residual Fuel Oil	-44	-	-44	-	-	-	-
Less than 0.31 percent sulfur	-44	-	-44	-	-	-	-
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-
Greater than 1.00 percent sulfur	-	-	-	-	-	-	-
Special Naphthas	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-	-	-	1	1
Miscellaneous Products	-	-	-	-	-	-	-
Total Production	88,038	5,616	93,654	43,355	8,119	12,743	64,217
Processing Gain(-) or Loss(+) ¹	0	0	0	0	-1	-1	-2

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Finished Motor Gasoline	18,116	12,039	2,939	8,462	1,260	42,816	6,401	40,434	246,869
Reformulated	7,206	6,479	-	-	-	13,685	2,063	29,199	90,433
Reformulated Blended with Fuel Ethanol	7,205	6,478	-	-	-	13,683	2,063	29,199	90,430
Reformulated Other	1	1	-	-	-	2	-	-	3
Conventional	10,910	5,560	2,939	8,462	1,260	29,131	4,338	11,235	156,436
Conventional Blended with Fuel Ethanol	10,970	1,076	2,931	8,966	1,336	25,279	4,318	12,926	156,310
Ed55 and Lower	10,963	1,075	2,931	8,949	1,335	25,253	4,318	12,910	155,992
Greater than Ed55	7	1	-	17	1	26	-	16	318
Conventional Other	-60	4,484	8	-504	-76	3,852	20	-1,691	126
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	32	7	-	0	39	72	5	70
Kerosene	-	-32	1	-	-	-31	-	-	-30
Distillate Fuel Oil	23	53	-9	16	7	90	-129	292	994
15 ppm sulfur and under	23	53	-9	16	7	90	-129	289	991
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-	-	-	118
Greater than 500 ppm sulfur	-	-	-	-	-	-	-	3	-115
Residual Fuel Oil	-	-	-	-	-	-	-	1	-43
Less than 0.31 percent sulfur	-	-	-	-	-	-	-	-	-44
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-	-16	-16
Greater than 1.00 percent sulfur	-	-	-	-	-	-	-	17	17
Special Naphthas	-	-	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-	-	-	-	-	-	1
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total Production	18,139	12,092	2,938	8,478	1,267	42,914	6,344	40,732	247,861
Processing Gain(-) or Loss(+) ¹	-3	2	0	2	1	2	-1	-2	-3

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

¹ Represents the arithmetic difference between input and production.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, January 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	4,388	718	5,106	10,021	2,052	1,717	13,790
Petroleum Products	10,865	2,089	12,954	27,729	8,705	12,003	48,437
Hydrocarbon Gas Liquids	717	31	748	1,772	359	1,215	3,346
Natural Gas Liquids	425	31	456	1,486	346	1,198	3,030
Ethane	—	—	—	—	—	—	—
Propane	114	9	123	454	36	528	1,018
Normal Butane	272	14	286	681	261	133	1,075
Isobutane	39	8	47	285	49	254	588
Natural Gasoline	—	—	—	66	—	283	349
Refinery Olefins	292	0	292	286	13	17	316
Ethylene	—	—	—	—	—	—	—
Propylene	135	0	135	283	13	17	313
Normal Butylene	144	0	144	3	0	0	3
Isobutylene	13	0	13	0	0	0	0
Biofuels/Other Hydrocarbons	130	109	239	38	60	26	124
Biofuels (including Fuel Ethanol)	130	109	239	27	60	26	113
Fuel Ethanol	130	102	232	22	49	22	93
Biodiesel	—	7	7	5	11	4	20
Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Biofuels ¹	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	11	—	—	11
Unfinished Oils	3,346	358	3,704	7,573	645	4,477	12,695
Naphthas and Lighter	705	208	913	1,759	152	1,065	2,976
Kerosene and Light Gas Oils	447	—	447	1,821	273	479	2,573
Heavy Gas Oils	1,618	142	1,760	2,975	220	2,011	5,206
Residuum	576	8	584	1,018	—	922	1,940
Motor Gasoline Blending Components (MGBC)	3,370	276	3,646	8,788	2,222	3,146	14,156
Reformulated - RBOB	1,232	—	1,232	1,030	—	—	1,030
Conventional	2,138	276	2,414	7,758	2,222	3,146	13,126
CBOB	28	241	269	3,280	1,219	2,296	6,795
GTAB	—	—	—	—	—	—	—
Other	2,110	35	2,145	4,478	1,003	850	6,331
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	42	42	268	112	205	585
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	42	42	268	112	205	585
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	42	42	268	112	205	585
Finished Aviation Gasoline	—	—	—	—	50	—	50
Kerosene-Type Jet Fuel	544	—	544	1,529	244	197	1,970
Kerosene	104	3	107	64	—	54	118
Distillate Fuel Oil	1,606	205	1,811	3,251	1,155	1,867	6,273
15 ppm sulfur and under	1,255	133	1,388	3,100	1,103	1,695	5,898
Greater than 15 ppm to 500 ppm sulfur	74	65	139	—	—	132	132
Greater than 500 ppm sulfur	277	7	284	151	52	40	243
Residual Fuel Oil	239	17	256	606	186	95	887
Less than 0.31 percent sulfur	—	15	15	238	—	—	238
0.31 to 1.00 percent sulfur	27	2	29	91	61	34	186
Greater than 1.00 percent sulfur	212	—	212	277	125	61	463
Petrochemical Feedstocks	—	4	4	499	—	—	499
Naphtha for Petro. Feed. Use	—	—	—	380	—	—	380
Other Oils for Petro. Feed. Use	—	4	4	119	—	—	119
Special Naphthas	—	24	24	50	—	10	60
Lubricants	676	267	943	—	—	220	220
Waxes	—	232	232	—	—	53	53
Petroleum Coke	—	—	—	787	2,056	248	3,091
Marketable	—	—	—	787	2,056	248	3,091
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	117	469	586	2,418	1,585	182	4,185
Miscellaneous Products	16	52	68	86	31	8	125
Total Stocks, All Oils	15,253	2,807	18,060	37,750	10,757	13,720	62,227

See footnotes at end of table.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, February 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	4,757	756	5,513	10,825	1,895	1,678	14,398
Petroleum Products	10,736	2,178	12,914	27,988	9,162	11,926	49,076
Hydrocarbon Gas Liquids	561	26	587	1,729	254	1,087	3,070
Natural Gas Liquids	361	26	387	1,438	237	1,050	2,725
Ethane	-	-	-	-	-	-	-
Propane	123	3	126	426	48	372	846
Normal Butane	188	15	203	568	143	155	866
Isobutane	50	8	58	315	46	269	630
Natural Gasoline	-	-	-	129	-	254	383
Refinery Olefins	200	0	200	291	17	37	345
Ethylene	-	-	-	-	-	-	-
Propylene	76	0	76	291	17	37	345
Normal Butylene	124	0	124	0	0	0	0
Isobutylene	0	0	0	0	0	0	0
Biofuels/Other Hydrocarbons	142	120	262	58	60	31	149
Biofuels (including Fuel Ethanol)	142	120	262	44	60	31	135
Fuel Ethanol	142	110	252	40	50	27	117
Biodiesel	-	10	10	4	10	4	18
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	14	-	-	14
Unfinished Oils	3,875	362	4,237	7,952	652	4,629	13,233
Naphthas and Lighter	787	215	1,002	1,799	142	1,046	2,987
Kerosene and Light Gas Oils	312	-	312	1,664	273	470	2,407
Heavy Gas Oils	2,094	141	2,235	3,387	237	2,302	5,926
Residuum	682	6	688	1,102	-	811	1,913
Motor Gasoline Blending Components (MGBC)	2,920	261	3,181	8,525	2,216	3,224	13,965
Reformulated - RBOB	1,312	-	1,312	813	-	-	813
Conventional	1,608	261	1,869	7,712	2,216	3,224	13,152
CBOB	48	237	285	2,977	1,179	2,266	6,422
GTAB	-	-	-	-	-	-	-
Other	1,560	24	1,584	4,735	1,037	958	6,730
Aviation Gasoline Blending Components	-	-	-	-	-	-	-
Finished Motor Gasoline	-	37	37	224	126	112	462
Reformulated	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-
Conventional	-	37	37	224	126	112	462
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	-	37	37	224	126	112	462
Finished Aviation Gasoline	-	-	-	-	52	-	52
Kerosene-Type Jet Fuel	537	-	537	1,208	269	209	1,686
Kerosene	160	4	164	63	-	51	114
Distillate Fuel Oil	1,472	299	1,771	3,844	1,085	1,717	6,646
15 ppm sulfur and under	1,160	214	1,374	3,710	1,036	1,597	6,343
Greater than 15 ppm to 500 ppm sulfur	33	77	110	-	-	67	67
Greater than 500 ppm sulfur	279	8	287	134	49	53	236
Residual Fuel Oil	272	15	287	623	196	87	906
Less than 0.31 percent sulfur	-	13	13	174	-	-	174
0.31 to 1.00 percent sulfur	40	2	42	165	62	33	260
Greater than 1.00 percent sulfur	232	-	232	284	134	54	472
Petrochemical Feedstocks	-	5	5	496	-	-	496
Naphtha for Petro. Feed. Use	-	-	-	373	-	-	373
Other Oils for Petro. Feed. Use	-	5	5	123	-	-	123
Special Naphthas	-	19	19	31	-	14	45
Lubricants	701	252	953	-	-	229	229
Waxes	-	263	263	-	-	48	48
Petroleum Coke	-	-	-	766	2,494	270	3,530
Marketable	-	-	-	766	2,494	270	3,530
Catalyst	-	-	-	-	-	-	-
Asphalt and Road Oil	80	466	546	2,391	1,727	212	4,330
Miscellaneous Products	16	49	65	78	31	6	115
Total Stocks, All Oils	15,493	2,934	18,427	38,813	11,057	13,604	63,474

See footnotes at end of table.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, February 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	1,842	25,590	16,338	1,169	348	45,287	2,425	21,009	88,632
Petroleum Products	10,088	61,153	41,732	3,781	1,217	117,971	10,757	49,085	239,803
Hydrocarbon Gas Liquids	2,654	1,778	1,185	12	26	5,655	400	1,424	11,136
Natural Gas Liquids	2,333	1,204	970	10	26	4,543	349	1,304	9,308
Ethane	22	2	—	—	—	24	—	—	24
Propane	912	206	56	3	5	1,182	49	127	2,330
Normal Butane	940	755	389	2	16	2,102	203	827	4,201
Isobutane	375	198	323	5	5	906	90	348	2,032
Natural Gasoline	84	43	202	—	—	329	7	2	721
Refinery Olefins	321	574	215	2	0	1,112	51	120	1,828
Ethylene	0	0	—	—	—	0	—	—	0
Propylene	298	48	55	1	0	402	2	20	845
Normal Butylene	23	526	160	1	0	710	49	100	983
Isobutylene	0	0	0	0	0	0	0	0	0
Biofuels/Other Hydrocarbons	48	1,020	154	23	8	1,253	119	885	2,668
Biofuels (including Fuel Ethanol)	48	1,020	154	23	8	1,253	119	885	2,654
Fuel Ethanol	35	1,000	103	15	5	1,158	111	195	1,833
Biodiesel	13	20	51	8	3	95	8	9	140
Renewable Diesel Fuel	—	—	—	—	—	—	—	681	681
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	14
Unfinished Oils	2,365	22,319	14,311	1,064	643	40,702	3,351	18,845	80,368
Naphthas and Lighter	843	5,658	1,884	288	238	8,911	857	3,112	16,869
Kerosene and Light Gas Oils	372	3,984	1,892	203	170	6,621	846	3,146	13,332
Heavy Gas Oils	633	9,755	7,995	496	235	19,114	1,140	9,495	37,910
Residuum	517	2,922	2,540	77	—	6,056	508	3,092	12,257
Motor Gasoline Blending Components (MGBC)	2,805	13,332	10,484	292	237	27,150	2,897	13,435	60,628
Reformulated - RBOB	82	1,252	106	—	32	1,472	—	4,507	8,104
Conventional	2,723	12,080	10,378	292	205	25,678	2,897	8,928	52,524
CBOB	1,420	4,079	5,675	235	23	11,432	1,676	2,501	22,316
GTAB	—	—	—	—	—	—	—	—	—
Other	1,303	8,001	4,703	57	182	14,246	1,221	6,427	30,208
Aviation Gasoline Blending Components	10	—	12	—	—	22	—	—	22
Finished Motor Gasoline	87	1,991	1,154	65	6	3,303	833	578	5,213
Reformulated	—	—	—	—	—	—	—	16	16
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	16	16
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	87	1,991	1,154	65	6	3,303	833	562	5,197
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	46	—	46
Ed55 and Lower	—	—	—	—	—	—	46	—	46
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	87	1,991	1,154	65	6	3,303	787	562	5,151
Finished Aviation Gasoline	25	219	198	—	—	442	8	189	691
Kerosene-Type Jet Fuel	336	2,673	1,836	47	—	4,892	221	3,172	10,508
Kerosene	29	56	1	3	—	89	1	3	371
Distillate Fuel Oil	658	8,075	5,747	343	58	14,881	1,808	5,109	30,215
15 ppm sulfur and under	637	7,091	4,401	232	58	12,419	1,634	4,677	26,447
Greater than 15 ppm to 500 ppm sulfur	21	120	405	26	—	572	117	171	1,037
Greater than 500 ppm sulfur	—	864	941	85	—	1,890	57	261	2,731
Residual Fuel Oil	262	2,547	1,328	9	90	4,236	258	2,248	7,935
Less than 0.31 percent sulfur	29	—	31	—	—	60	26	21	294
0.31 to 1.00 percent sulfur	94	805	283	9	—	1,191	6	415	1,914
Greater than 1.00 percent sulfur	139	1,742	1,014	—	90	2,985	226	1,812	5,727
Petrochemical Feedstocks	45	1,559	589	4	22	2,219	—	—	2,720
Naphtha for Petro. Feed. Use	39	1,053	578	4	—	1,674	—	—	2,047
Other Oils for Petro. Feed. Use	6	506	11	—	22	545	—	—	673
Special Naphthas	103	547	—	160	—	810	—	27	901
Lubricants	45	2,762	2,228	798	—	5,833	—	1,102	8,117
Waxes	—	98	112	72	—	282	—	—	593
Petroleum Coke	97	1,721	1,554	—	—	3,372	112	1,100	8,114
Marketable	97	1,721	1,554	—	—	3,372	112	1,100	8,114
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	364	203	760	888	125	2,340	736	892	8,844
Miscellaneous Products	155	253	79	1	2	490	13	76	759
Total Stocks, All Oils	11,930	86,743	58,070	4,950	1,565	163,258	13,182	70,094	328,435

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, March 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	4,658	776	5,434	9,462	1,945	1,906	13,313
Petroleum Products	9,716	2,166	11,882	28,721	9,131	11,145	48,997
Hydrocarbon Gas Liquids	409	21	430	1,737	232	947	2,916
Natural Gas Liquids	337	21	358	1,451	218	922	2,591
Ethane	—	—	—	—	—	—	—
Propane	101	5	106	443	41	278	762
Normal Butane	171	2	173	521	138	187	846
Isobutane	65	14	79	345	39	257	641
Natural Gasoline	—	—	—	142	—	200	342
Refinery Olefins	72	0	72	286	14	25	325
Ethylene	—	—	—	—	—	—	—
Propylene	30	0	30	255	14	25	294
Normal Butylene	42	0	42	31	0	0	31
Isobutylene	0	0	0	0	0	0	0
Biofuels/Other Hydrocarbons	42	91	133	46	71	27	144
Biofuels (including Fuel Ethanol)	42	91	133	26	71	27	124
Fuel Ethanol	42	85	127	21	56	22	99
Biodiesel	—	6	6	5	15	5	25
Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Biofuels ¹	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	20	—	—	20
Unfinished Oils	3,595	326	3,921	8,132	642	4,494	13,268
Naphthas and Lighter	606	186	792	2,120	164	1,385	3,669
Kerosene and Light Gas Oils	372	—	372	1,840	321	504	2,665
Heavy Gas Oils	2,047	137	2,184	2,847	145	1,502	4,494
Residuum	570	3	573	1,325	12	1,103	2,440
Motor Gasoline Blending Components (MGBC)	2,932	195	3,127	8,783	2,028	2,792	13,603
Reformulated - RBOB	1,090	—	1,090	1,021	—	—	1,021
Conventional	1,842	195	2,037	7,762	2,028	2,792	12,582
CBOB	266	168	434	3,115	1,201	2,020	6,336
GTAB	—	—	—	—	—	—	—
Other	1,576	27	1,603	4,647	827	772	6,246
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	31	31	539	98	160	797
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	31	31	539	98	160	797
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	31	31	539	98	160	797
Finished Aviation Gasoline	—	—	—	—	33	—	33
Kerosene-Type Jet Fuel	400	—	400	1,657	266	260	2,183
Kerosene	172	4	176	66	—	43	109
Distillate Fuel Oil	1,208	230	1,438	3,301	1,069	1,701	6,071
15 ppm sulfur and under	875	158	1,033	3,179	980	1,501	5,660
Greater than 15 ppm to 500 ppm sulfur	43	65	108	—	—	153	153
Greater than 500 ppm sulfur	290	7	297	122	89	47	258
Residual Fuel Oil	263	14	277	507	213	72	792
Less than 0.31 percent sulfur	—	12	12	127	—	—	127
0.31 to 1.00 percent sulfur	85	2	87	73	74	32	179
Greater than 1.00 percent sulfur	178	—	178	307	139	40	486
Petrochemical Feedstocks	—	4	4	635	—	—	635
Naphtha for Petro. Feed. Use	—	—	—	523	—	—	523
Other Oils for Petro. Feed. Use	—	4	4	112	—	—	112
Special Naphthas	—	17	17	51	—	15	66
Lubricants	576	282	858	—	—	198	198
Waxes	—	301	301	—	—	56	56
Petroleum Coke	—	—	—	457	2,744	159	3,360
Marketable	—	—	—	457	2,744	159	3,360
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	103	612	715	2,744	1,713	214	4,671
Miscellaneous Products	16	38	54	66	22	7	95
Total Stocks, All Oils	14,374	2,942	17,316	38,183	11,076	13,051	62,310

See footnotes at end of table.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, March 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	2,183	25,419	16,075	976	242	44,895	2,554	20,726	86,922
Petroleum Products	10,982	58,240	42,997	4,101	1,271	117,591	10,410	51,120	240,000
Hydrocarbon Gas Liquids	2,783	1,783	1,262	17	30	5,875	378	1,418	11,017
Natural Gas Liquids	2,032	1,505	1,054	16	30	4,637	287	1,384	9,257
Ethane	22	2	—	—	—	24	—	—	24
Propane	546	379	74	3	2	1,004	41	123	2,036
Normal Butane	840	862	462	8	24	2,196	148	845	4,208
Isobutane	523	211	331	5	4	1,074	82	412	2,288
Natural Gasoline	101	51	187	—	—	339	16	4	701
Refinery Olefins	751	278	208	1	0	1,238	91	34	1,760
Ethylene	0	0	—	—	—	0	—	—	0
Propylene	690	52	59	1	0	802	3	16	1,145
Normal Butylene	61	226	149	0	0	436	88	18	615
Isobutylene	0	0	0	0	0	0	0	0	0
Biofuels/Other Hydrocarbons	38	956	161	25	7	1,187	104	845	2,413
Biofuels (including Fuel Ethanol)	38	956	161	25	7	1,187	104	845	2,393
Fuel Ethanol	30	917	108	18	3	1,076	93	132	1,527
Biodiesel	8	39	53	7	4	111	11	7	160
Renewable Diesel Fuel	—	—	—	—	—	—	—	706	706
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	20
Unfinished Oils	3,003	21,916	15,214	939	617	41,689	3,206	19,222	81,306
Naphthas and Lighter	1,296	5,948	1,948	278	123	9,593	718	3,392	18,164
Kerosene and Light Gas Oils	488	4,184	1,700	176	220	6,768	651	3,121	13,577
Heavy Gas Oils	621	8,741	9,027	436	274	19,099	1,394	9,737	36,908
Residuum	598	3,043	2,539	49	—	6,229	443	2,972	12,657
Motor Gasoline Blending Components (MGBC)	2,814	12,785	11,230	360	260	27,449	3,009	14,319	61,507
Reformulated - RBOB	113	1,365	534	—	22	2,034	—	5,005	9,150
Conventional	2,701	11,420	10,696	360	238	25,415	3,009	9,314	52,357
CBOB	1,416	3,712	5,969	257	56	11,410	1,674	2,954	22,808
GTAB	—	—	—	—	—	—	—	—	—
Other	1,285	7,708	4,727	103	182	14,005	1,335	6,360	29,549
Aviation Gasoline Blending Components	9	—	10	—	—	19	—	—	19
Finished Motor Gasoline	138	1,586	1,189	34	6	2,953	779	735	5,295
Reformulated	—	—	—	—	—	—	—	16	16
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	16	16
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	138	1,586	1,189	34	6	2,953	779	719	5,279
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	60	—	60
Ed55 and Lower	—	—	—	—	—	—	60	—	60
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	138	1,586	1,189	34	6	2,953	719	719	5,219
Finished Aviation Gasoline	26	141	203	—	—	370	9	125	537
Kerosene-Type Jet Fuel	353	2,977	1,983	113	—	5,426	233	3,619	11,861
Kerosene	28	34	1	2	—	65	1	3	354
Distillate Fuel Oil	939	6,835	5,614	653	49	14,090	1,498	5,480	28,577
15 ppm sulfur and under	892	5,903	4,541	471	49	11,856	1,352	4,741	24,642
Greater than 15 ppm to 500 ppm sulfur	47	195	266	26	—	534	93	340	1,228
Greater than 500 ppm sulfur	—	737	807	156	—	1,700	53	399	2,707
Residual Fuel Oil	232	2,426	1,285	6	121	4,070	229	2,069	7,437
Less than 0.31 percent sulfur	15	—	52	—	—	67	25	36	267
0.31 to 1.00 percent sulfur	92	631	265	6	—	994	5	350	1,615
Greater than 1.00 percent sulfur	125	1,795	968	—	121	3,009	199	1,683	5,555
Petrochemical Feedstocks	27	1,528	690	4	24	2,273	—	—	2,912
Naphtha for Petro. Feed. Use	24	1,002	669	4	—	1,699	—	—	2,222
Other Oils for Petro. Feed. Use	3	526	21	—	24	574	—	—	690
Special Naphthas	77	504	—	168	—	749	—	55	887
Lubricants	32	2,549	1,973	818	—	5,372	—	911	7,339
Waxes	—	83	106	72	—	261	—	—	618
Petroleum Coke	87	1,703	1,404	—	—	3,194	132	1,244	7,930
Marketable	87	1,703	1,404	—	—	3,194	132	1,244	7,930
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	347	186	612	890	155	2,190	818	1,008	9,402
Miscellaneous Products	49	248	60	—	2	359	14	67	589
Total Stocks, All Oils	13,165	83,659	59,072	5,077	1,513	162,486	12,964	71,846	326,922

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, April 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	5,822	762	6,584	9,681	2,137	1,750	13,568
Petroleum Products	10,974	2,382	13,356	29,055	9,102	11,660	49,817
Hydrocarbon Gas Liquids	490	24	514	2,016	275	885	3,176
Natural Gas Liquids	374	24	398	1,701	250	879	2,830
Ethane	-	-	-	-	-	-	-
Propane	79	2	81	466	41	219	726
Normal Butane	208	2	210	821	167	218	1,206
Isobutane	87	20	107	267	42	259	568
Natural Gasoline	-	-	-	147	-	183	330
Refinery Olefins	116	0	116	315	25	6	346
Ethylene	-	-	-	-	-	-	-
Propylene	116	0	116	277	25	6	308
Normal Butylene	0	0	0	38	0	0	38
Isobutylene	0	0	0	0	0	0	0
Biofuels/Other Hydrocarbons	61	111	172	76	70	29	175
Biofuels (including Fuel Ethanol)	61	111	172	52	70	29	151
Fuel Ethanol	61	99	160	48	59	25	132
Biodiesel	-	12	12	4	11	4	19
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	24	-	-	24
Unfinished Oils	3,623	385	4,008	8,953	1,131	4,723	14,807
Naphthas and Lighter	588	225	813	2,340	321	1,360	4,021
Kerosene and Light Gas Oils	508	-	508	1,973	529	419	2,921
Heavy Gas Oils	1,977	155	2,132	3,354	265	1,880	5,499
Residuum	550	5	555	1,286	16	1,064	2,366
Motor Gasoline Blending Components (MGBC)	3,346	199	3,545	8,277	1,617	2,864	12,758
Reformulated - RBOB	1,262	-	1,262	757	-	-	757
Conventional	2,084	199	2,283	7,520	1,617	2,864	12,001
CBOB	252	155	407	3,086	818	1,917	5,821
GTAB	-	-	-	-	-	-	-
Other	1,832	44	1,876	4,434	799	947	6,180
Aviation Gasoline Blending Components	-	-	-	-	-	-	-
Finished Motor Gasoline	-	37	37	527	76	207	810
Reformulated	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-
Conventional	-	37	37	527	76	207	810
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	-	37	37	527	76	207	810
Finished Aviation Gasoline	-	-	-	-	41	-	41
Kerosene-Type Jet Fuel	498	-	498	1,659	265	230	2,154
Kerosene	87	3	90	56	-	46	102
Distillate Fuel Oil	1,716	237	1,953	3,273	1,011	1,863	6,147
15 ppm sulfur and under	1,353	172	1,525	3,092	810	1,771	5,673
Greater than 15 ppm to 500 ppm sulfur	59	57	116	-	-	58	58
Greater than 500 ppm sulfur	304	8	312	181	201	34	416
Residual Fuel Oil	319	18	337	542	207	78	827
Less than 0.31 percent sulfur	-	16	16	103	-	-	103
0.31 to 1.00 percent sulfur	71	2	73	140	55	27	222
Greater than 1.00 percent sulfur	248	-	248	299	152	51	502
Petrochemical Feedstocks	-	3	3	593	-	-	593
Naphtha for Petro. Feed. Use	-	-	-	479	-	-	479
Other Oils for Petro. Feed. Use	-	3	3	114	-	-	114
Special Naphthas	-	21	21	88	-	13	101
Lubricants	707	290	997	-	-	232	232
Waxes	-	325	325	-	-	61	61
Petroleum Coke	-	-	-	358	2,459	187	3,004
Marketable	-	-	-	358	2,459	187	3,004
Catalyst	-	-	-	-	-	-	-
Asphalt and Road Oil	119	686	805	2,561	1,934	234	4,729
Miscellaneous Products	8	43	51	76	16	8	100
Total Stocks, All Oils	16,796	3,144	19,940	38,736	11,239	13,410	63,385

See footnotes at end of table.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, May 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	5,659	943	6,602	9,116	1,994	2,110	13,220
Petroleum Products	10,291	2,286	12,577	29,710	8,780	10,665	49,155
Hydrocarbon Gas Liquids	429	14	443	2,364	457	796	3,617
Natural Gas Liquids	310	14	324	1,904	436	780	3,120
Ethane	—	—	—	—	—	—	—
Propane	83	3	86	591	42	198	831
Normal Butane	166	2	168	969	364	206	1,539
Isobutane	61	9	70	251	30	242	523
Natural Gasoline	—	—	—	93	—	134	227
Refinery Olefins	119	0	119	460	21	16	497
Ethylene	—	—	—	—	—	—	—
Propylene	111	0	111	400	21	11	432
Normal Butylene	8	0	8	60	0	5	65
Isobutylene	0	0	0	0	0	0	0
Biofuels/Other Hydrocarbons	133	98	231	48	62	31	141
Biofuels (including Fuel Ethanol)	133	98	231	35	62	31	128
Fuel Ethanol	133	89	222	29	52	27	108
Biodiesel	—	9	9	6	10	4	20
Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Biofuels ¹	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	13	—	—	13
Unfinished Oils	3,472	322	3,794	8,616	1,232	4,183	14,031
Naphthas and Lighter	730	179	909	1,976	335	1,044	3,355
Kerosene and Light Gas Oils	527	—	527	1,902	622	751	3,275
Heavy Gas Oils	1,650	135	1,785	3,226	275	1,471	4,972
Residuum	565	8	573	1,512	—	917	2,429
Motor Gasoline Blending Components (MGBC)	2,970	234	3,204	8,228	1,704	2,861	12,793
Reformulated - RBOB	1,017	—	1,017	1,082	—	—	1,082
Conventional	1,953	234	2,187	7,146	1,704	2,861	11,711
CBOB	257	186	443	3,037	957	1,815	5,809
GTAB	—	—	—	—	—	—	—
Other	1,696	48	1,744	4,109	747	1,046	5,902
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	51	51	617	103	172	892
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	51	51	617	103	172	892
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	51	51	617	103	172	892
Finished Aviation Gasoline	—	—	—	—	35	—	35
Kerosene-Type Jet Fuel	575	—	575	1,574	340	245	2,159
Kerosene	96	3	99	100	—	54	154
Distillate Fuel Oil	1,477	200	1,677	3,731	1,191	1,482	6,404
15 ppm sulfur and under	1,095	157	1,252	3,632	815	1,272	5,719
Greater than 15 ppm to 500 ppm sulfur	44	34	78	—	—	172	172
Greater than 500 ppm sulfur	338	9	347	99	376	38	513
Residual Fuel Oil	315	19	334	551	192	81	824
Less than 0.31 percent sulfur	—	17	17	117	—	—	117
0.31 to 1.00 percent sulfur	108	2	110	87	58	34	179
Greater than 1.00 percent sulfur	207	—	207	347	134	47	528
Petrochemical Feedstocks	—	4	4	545	—	—	545
Naphtha for Petro. Feed. Use	—	—	—	428	—	—	428
Other Oils for Petro. Feed. Use	—	4	4	117	—	—	117
Special Naphthas	—	27	27	82	—	13	95
Lubricants	721	241	962	—	—	237	237
Waxes	—	359	359	—	—	68	68
Petroleum Coke	—	—	—	336	1,421	270	2,027
Marketable	—	—	—	336	1,421	270	2,027
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	95	667	762	2,853	2,025	165	5,043
Miscellaneous Products	8	47	55	65	18	7	90
Total Stocks, All Oils	15,950	3,229	19,179	38,826	10,774	12,775	62,375

See footnotes at end of table.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, June 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	5,053	867	5,920	9,185	2,118	1,903	13,206
Petroleum Products	9,657	2,203	11,860	30,350	8,287	9,836	48,473
Hydrocarbon Gas Liquids	389	20	409	2,558	307	867	3,732
Natural Gas Liquids	314	20	334	2,139	288	851	3,278
Ethane	—	—	—	—	—	—	—
Propane	43	1	44	582	30	273	885
Normal Butane	175	4	179	1,165	222	201	1,588
Isobutane	96	15	111	248	36	241	525
Natural Gasoline	—	—	—	144	—	136	280
Refinery Olefins	75	0	75	419	19	16	454
Ethylene	—	—	—	—	—	—	—
Propylene	70	0	70	338	19	16	373
Normal Butylene	1	0	1	81	0	0	81
Isobutylene	4	0	4	0	0	0	0
Biofuels/Other Hydrocarbons	36	101	137	40	54	30	124
Biofuels (including Fuel Ethanol)	36	101	137	28	54	30	112
Fuel Ethanol	36	90	126	23	41	26	90
Biodiesel	—	11	11	5	13	4	22
Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Biofuels ¹	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	12	—	—	12
Unfinished Oils	3,850	363	4,213	8,366	1,474	3,464	13,304
Naphthas and Lighter	613	215	828	2,019	342	995	3,356
Kerosene and Light Gas Oils	353	—	353	1,761	748	396	2,905
Heavy Gas Oils	2,251	141	2,392	3,018	384	1,233	4,635
Residuum	633	7	640	1,568	—	840	2,408
Motor Gasoline Blending Components (MGBC)	2,814	250	3,064	7,965	1,830	2,611	12,406
Reformulated - RBOB	976	—	976	881	—	—	881
Conventional	1,838	250	2,088	7,084	1,830	2,611	11,525
CBOB	244	177	421	2,934	880	1,803	5,617
GTAB	—	—	—	—	—	—	—
Other	1,594	73	1,667	4,150	950	808	5,908
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	28	28	589	99	148	836
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	28	28	589	99	148	836
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	28	28	589	99	148	836
Finished Aviation Gasoline	—	—	—	—	36	—	36
Kerosene-Type Jet Fuel	480	—	480	1,718	278	268	2,264
Kerosene	60	2	62	105	—	23	128
Distillate Fuel Oil	1,059	204	1,263	4,021	1,095	1,450	6,566
15 ppm sulfur and under	754	151	905	3,820	834	1,326	5,980
Greater than 15 ppm to 500 ppm sulfur	26	44	70	—	—	66	66
Greater than 500 ppm sulfur	279	9	288	201	261	58	520
Residual Fuel Oil	345	19	364	595	165	84	844
Less than 0.31 percent sulfur	—	17	17	105	—	—	105
0.31 to 1.00 percent sulfur	125	2	127	143	22	35	200
Greater than 1.00 percent sulfur	220	—	220	347	143	49	539
Petrochemical Feedstocks	—	4	4	566	—	—	566
Naphtha for Petro. Feed. Use	—	—	—	452	—	—	452
Other Oils for Petro. Feed. Use	—	4	4	114	—	—	114
Special Naphthas	—	22	22	70	—	14	84
Lubricants	520	253	773	—	—	228	228
Waxes	—	365	365	—	—	71	71
Petroleum Coke	—	—	—	807	1,118	374	2,299
Marketable	—	—	—	807	1,118	374	2,299
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	96	529	625	2,893	1,816	197	4,906
Miscellaneous Products	8	43	51	57	15	7	79
Total Stocks, All Oils	14,710	3,070	17,780	39,535	10,405	11,739	61,679

See footnotes at end of table.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, June 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	2,214	26,089	16,624	1,209	240	46,376	2,755	22,853	91,110
Petroleum Products	10,864	61,152	39,557	3,697	1,194	116,464	10,590	45,997	233,384
Hydrocarbon Gas Liquids	3,093	2,152	903	10	72	6,230	468	1,504	12,343
Natural Gas Liquids	2,520	1,956	622	9	72	5,179	369	1,368	10,528
Ethane	15	2	—	—	—	17	—	—	17
Propane	422	529	82	2	3	1,038	61	73	2,101
Normal Butane	1,565	1,178	248	4	61	3,056	212	855	5,890
Isobutane	479	223	215	3	8	928	79	437	2,080
Natural Gasoline	39	24	77	—	—	140	17	3	440
Refinery Olefins	573	196	281	1	0	1,051	99	136	1,815
Ethylene	0	0	—	—	—	0	—	—	0
Propylene	554	52	63	1	0	670	4	21	1,138
Normal Butylene	19	144	218	0	0	381	95	115	673
Isobutylene	0	0	0	0	0	0	0	0	4
Biofuels/Other Hydrocarbons	47	668	127	33	8	883	118	813	2,075
Biofuels (including Fuel Ethanol)	47	668	127	33	8	883	118	813	2,063
Fuel Ethanol	32	629	66	26	5	758	112	159	1,245
Biodiesel	15	39	61	7	3	125	6	9	173
Renewable Diesel Fuel	—	—	—	—	—	—	—	645	645
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	12
Unfinished Oils	3,009	23,822	13,533	1,076	618	42,058	3,145	17,587	80,307
Naphthas and Lighter	1,318	6,231	1,645	273	218	9,685	752	2,758	17,379
Kerosene and Light Gas Oils	513	4,260	1,652	267	187	6,879	707	3,531	14,375
Heavy Gas Oils	741	9,816	7,838	511	213	19,119	1,248	8,930	36,324
Residuum	437	3,515	2,398	25	—	6,375	438	2,368	12,229
Motor Gasoline Blending Components (MGBC)	2,565	12,603	10,515	287	204	26,174	2,828	12,567	57,039
Reformulated - RBOB	100	1,522	604	—	11	2,237	—	4,853	8,947
Conventional	2,465	11,081	9,911	287	193	23,937	2,828	7,714	48,092
CBOB	1,297	3,445	5,179	212	27	10,160	1,385	2,191	19,774
GTAB	—	—	—	—	—	—	—	—	—
Other	1,168	7,636	4,732	75	166	13,777	1,443	5,523	28,318
Aviation Gasoline Blending Components	14	—	11	—	—	25	—	—	25
Finished Motor Gasoline	70	1,741	1,554	28	—	3,393	719	714	5,690
Reformulated	—	—	—	—	—	—	—	15	15
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	15	15
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	70	1,741	1,554	28	—	3,393	719	699	5,675
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	54	—	54
Ed55 and Lower	—	—	—	—	—	—	54	—	54
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	70	1,741	1,554	28	—	3,393	665	699	5,621
Finished Aviation Gasoline	25	97	147	—	—	269	10	182	497
Kerosene-Type Jet Fuel	427	3,157	1,963	64	—	5,611	262	3,317	11,934
Kerosene	10	92	1	3	—	106	—	3	299
Distillate Fuel Oil	760	8,075	5,439	482	72	14,828	1,741	4,882	29,280
15 ppm sulfur and under	673	6,811	4,528	290	72	12,374	1,541	4,292	25,092
Greater than 15 ppm to 500 ppm sulfur	87	310	281	30	—	708	133	253	1,230
Greater than 500 ppm sulfur	—	954	630	162	—	1,746	67	337	2,958
Residual Fuel Oil	270	2,191	949	10	114	3,534	222	1,766	6,730
Less than 0.31 percent sulfur	15	—	37	—	—	52	20	24	218
0.31 to 1.00 percent sulfur	94	440	258	10	—	802	9	308	1,446
Greater than 1.00 percent sulfur	161	1,751	654	—	114	2,680	193	1,434	5,066
Petrochemical Feedstocks	44	1,612	455	3	22	2,136	—	—	2,706
Naphtha for Petro. Feed. Use	35	993	433	3	—	1,464	—	—	1,916
Other Oils for Petro. Feed. Use	9	619	22	—	22	672	—	—	790
Special Naphthas	65	527	—	119	—	711	—	50	867
Lubricants	29	2,201	1,872	798	—	4,900	—	809	6,710
Waxes	—	92	103	74	—	269	—	—	705
Petroleum Coke	60	1,739	1,387	—	—	3,186	104	899	6,488
Marketable	60	1,739	1,387	—	—	3,186	104	899	6,488
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	241	143	513	709	82	1,688	949	849	9,017
Miscellaneous Products	135	240	85	1	2	463	24	55	672
Total Stocks, All Oils	13,078	87,241	56,181	4,906	1,434	162,840	13,345	68,850	324,494

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, July 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	5,546	845	6,391	9,586	1,987	1,996	13,569
Petroleum Products	9,652	2,249	11,901	30,138	9,031	10,311	49,480
Hydrocarbon Gas Liquids	385	40	425	2,697	463	908	4,068
Natural Gas Liquids	327	40	367	2,377	442	897	3,716
Ethane	—	—	—	—	—	—	—
Propane	64	10	74	652	36	303	991
Normal Butane	177	13	190	1,396	347	193	1,936
Isobutane	86	17	103	220	59	227	506
Natural Gasoline	—	—	—	109	—	174	283
Refinery Olefins	58	0	58	320	21	11	352
Ethylene	—	—	—	—	—	—	—
Propylene	53	0	53	288	21	7	316
Normal Butylene	1	0	1	32	0	4	36
Isobutylene	4	0	4	0	0	0	0
Biofuels/Other Hydrocarbons	121	96	217	47	62	30	139
Biofuels (including Fuel Ethanol)	121	96	217	36	62	30	128
Fuel Ethanol	121	86	207	30	52	25	107
Biodiesel	—	10	10	6	10	5	21
Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Biofuels ¹	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	11	—	—	11
Unfinished Oils	3,306	338	3,644	8,639	1,368	3,399	13,406
Naphthas and Lighter	659	196	855	1,906	231	1,079	3,216
Kerosene and Light Gas Oils	379	—	379	2,007	483	335	2,825
Heavy Gas Oils	1,767	136	1,903	3,375	654	1,074	5,103
Residuum	501	6	507	1,351	—	911	2,262
Motor Gasoline Blending Components (MGBC)	2,936	256	3,192	8,438	2,174	2,859	13,471
Reformulated - RBOB	1,092	—	1,092	1,017	—	—	1,017
Conventional	1,844	256	2,100	7,421	2,174	2,859	12,454
CBOB	170	179	349	3,202	1,274	1,974	6,450
GTAB	—	—	—	—	—	—	—
Other	1,674	77	1,751	4,219	900	885	6,004
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	56	56	391	82	264	737
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	56	56	391	82	264	737
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	56	56	391	82	264	737
Finished Aviation Gasoline	—	—	—	—	54	—	54
Kerosene-Type Jet Fuel	530	—	530	1,499	291	256	2,046
Kerosene	95	1	96	111	—	56	167
Distillate Fuel Oil	1,375	259	1,634	3,243	1,195	1,393	5,831
15 ppm sulfur and under	1,020	183	1,203	3,090	1,045	1,331	5,466
Greater than 15 ppm to 500 ppm sulfur	31	67	98	—	—	29	29
Greater than 500 ppm sulfur	324	9	333	153	150	33	336
Residual Fuel Oil	301	21	322	624	216	90	930
Less than 0.31 percent sulfur	—	19	19	161	—	—	161
0.31 to 1.00 percent sulfur	125	2	127	81	40	33	154
Greater than 1.00 percent sulfur	176	—	176	382	176	57	615
Petrochemical Feedstocks	—	5	5	549	—	—	549
Naphtha for Petro. Feed. Use	—	—	—	421	—	—	421
Other Oils for Petro. Feed. Use	—	5	5	128	—	—	128
Special Naphthas	—	25	25	84	—	16	100
Lubricants	478	245	723	—	—	271	271
Waxes	—	351	351	—	—	52	52
Petroleum Coke	—	—	—	1,219	1,467	411	3,097
Marketable	—	—	—	1,219	1,467	411	3,097
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	117	507	624	2,530	1,631	297	4,458
Miscellaneous Products	8	49	57	67	28	9	104
Total Stocks, All Oils	15,198	3,094	18,292	39,724	11,018	12,307	63,049

See footnotes at end of table.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, July 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	1,979	25,318	16,727	1,209	229	45,462	2,509	17,890	85,821
Petroleum Products	11,862	60,703	39,723	3,794	1,106	117,188	10,344	45,689	234,602
Hydrocarbon Gas Liquids	3,282	1,771	1,094	8	88	6,243	444	1,401	12,581
Natural Gas Liquids	2,495	1,567	957	7	88	5,114	375	1,180	10,752
Ethane	12	1	—	—	—	13	—	—	13
Propane	220	172	58	1	3	454	54	92	1,665
Normal Butane	1,753	1,137	465	3	77	3,435	225	695	6,481
Isobutane	440	223	253	3	8	927	67	390	1,993
Natural Gasoline	70	34	181	—	—	285	29	3	600
Refinery Olefins	787	204	137	1	0	1,129	69	221	1,829
Ethylene	0	0	—	—	—	0	—	—	0
Propylene	741	51	45	1	0	838	3	23	1,233
Normal Butylene	46	153	92	0	0	291	66	198	592
Isobutylene	0	0	0	0	0	0	0	0	4
Biofuels/Other Hydrocarbons	49	1,063	100	28	7	1,247	108	983	2,694
Biofuels (including Fuel Ethanol)	49	1,063	100	28	7	1,247	108	983	2,683
Fuel Ethanol	32	1,024	56	22	4	1,138	98	145	1,695
Biodiesel	17	39	44	6	3	109	10	7	157
Renewable Diesel Fuel	—	—	—	—	—	—	—	831	831
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	11
Unfinished Oils	3,531	23,906	14,560	1,142	524	43,663	2,952	17,672	81,337
Naphthas and Lighter	1,759	6,917	1,896	251	127	10,950	605	2,513	18,139
Kerosene and Light Gas Oils	599	3,961	1,726	221	177	6,684	706	3,509	14,103
Heavy Gas Oils	759	9,030	8,512	569	220	19,090	1,210	8,854	36,160
Residuum	414	3,998	2,426	101	—	6,939	431	2,796	12,935
Motor Gasoline Blending Components (MGBC)	2,663	12,328	10,538	311	231	26,071	2,761	12,260	57,755
Reformulated - RBOB	64	1,055	560	—	11	1,690	—	4,667	8,466
Conventional	2,599	11,273	9,978	311	220	24,381	2,761	7,593	49,289
CBOB	1,251	4,020	5,539	251	42	11,103	1,423	2,129	21,454
GTAB	—	—	—	—	—	—	—	—	—
Other	1,348	7,253	4,439	60	178	13,278	1,338	5,464	27,835
Aviation Gasoline Blending Components	8	—	11	—	—	19	—	—	19
Finished Motor Gasoline	127	1,549	1,126	14	—	2,816	776	510	4,895
Reformulated	—	—	—	—	—	—	—	16	16
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	16	16
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	127	1,549	1,126	14	—	2,816	776	494	4,879
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	74	—	74
Ed55 and Lower	—	—	—	—	—	—	74	—	74
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	127	1,549	1,126	14	—	2,816	702	494	4,805
Finished Aviation Gasoline	35	132	154	—	—	321	10	138	523
Kerosene-Type Jet Fuel	510	3,133	1,940	105	—	5,688	281	3,272	11,817
Kerosene	13	29	1	2	—	45	—	3	311
Distillate Fuel Oil	786	7,933	5,073	494	72	14,358	1,700	4,696	28,219
15 ppm sulfur and under	762	6,848	3,997	357	72	12,036	1,562	4,213	24,480
Greater than 15 ppm to 500 ppm sulfur	24	56	280	13	—	373	90	146	736
Greater than 500 ppm sulfur	—	1,029	796	124	—	1,949	48	337	3,003
Residual Fuel Oil	225	2,193	992	10	77	3,497	213	2,090	7,052
Less than 0.31 percent sulfur	13	—	37	—	—	50	27	18	275
0.31 to 1.00 percent sulfur	92	453	248	10	—	803	5	277	1,366
Greater than 1.00 percent sulfur	120	1,740	707	—	77	2,644	181	1,795	5,411
Petrochemical Feedstocks	53	1,527	428	3	22	2,033	—	—	2,587
Naphtha for Petro. Feed. Use	51	998	404	3	—	1,456	—	—	1,877
Other Oils for Petro. Feed. Use	2	529	24	—	22	577	—	—	710
Special Naphthas	80	585	—	131	—	796	—	42	963
Lubricants	39	2,187	1,804	769	—	4,799	—	602	6,395
Waxes	—	109	107	67	—	283	—	—	686
Petroleum Coke	61	1,854	1,031	—	—	2,946	152	1,067	7,262
Marketable	61	1,854	1,031	—	—	2,946	152	1,067	7,262
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	241	143	685	709	83	1,861	924	892	8,759
Miscellaneous Products	159	261	79	1	2	502	23	61	747
Total Stocks, All Oils	13,841	86,021	56,450	5,003	1,335	162,650	12,853	63,579	320,423

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, August 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	4,610	846	5,456	8,442	2,072	2,151	12,665
Petroleum Products	9,187	2,046	11,233	30,870	8,676	10,762	50,308
Hydrocarbon Gas Liquids	576	60	636	2,881	592	929	4,402
Natural Gas Liquids	422	60	482	2,384	579	906	3,869
Ethane	—	—	—	—	—	—	—
Propane	90	2	92	577	35	286	898
Normal Butane	272	49	321	1,532	503	228	2,263
Isobutane	60	9	69	194	41	197	432
Natural Gasoline	—	—	—	81	—	195	276
Refinery Olefins	154	0	154	497	13	23	533
Ethylene	—	—	—	—	—	—	—
Propylene	112	0	112	417	13	23	453
Normal Butylene	0	0	0	80	0	0	80
Isobutylene	42	0	42	0	0	0	0
Biofuels/Other Hydrocarbons	55	93	148	39	62	26	127
Biofuels (including Fuel Ethanol)	55	93	148	25	62	26	113
Fuel Ethanol	55	85	140	20	53	23	96
Biodiesel	—	8	8	5	9	3	17
Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Biofuels ¹	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	14	—	—	14
Unfinished Oils	2,889	373	3,262	8,120	1,513	4,236	13,869
Naphthas and Lighter	522	239	761	1,810	201	1,230	3,241
Kerosene and Light Gas Oils	371	—	371	1,792	448	390	2,630
Heavy Gas Oils	1,546	127	1,673	2,993	864	1,681	5,538
Residuum	450	7	457	1,525	—	935	2,460
Motor Gasoline Blending Components (MGBC)	2,699	247	2,946	7,938	2,063	2,553	12,554
Reformulated - RBOB	809	—	809	915	—	—	915
Conventional	1,890	247	2,137	7,023	2,063	2,553	11,639
CBOB	271	154	425	2,837	1,244	1,738	5,819
GTAB	—	—	—	—	—	—	—
Other	1,619	93	1,712	4,186	819	815	5,820
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	24	24	458	83	314	855
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	24	24	458	83	314	855
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	24	24	458	83	314	855
Finished Aviation Gasoline	—	—	—	—	22	—	22
Kerosene-Type Jet Fuel	511	—	511	1,485	339	196	2,020
Kerosene	106	6	112	93	—	65	158
Distillate Fuel Oil	1,372	247	1,619	3,880	1,328	1,545	6,753
15 ppm sulfur and under	1,012	159	1,171	3,704	1,272	1,344	6,320
Greater than 15 ppm to 500 ppm sulfur	27	80	107	—	—	145	145
Greater than 500 ppm sulfur	333	8	341	176	56	56	288
Residual Fuel Oil	256	16	272	739	171	79	989
Less than 0.31 percent sulfur	—	14	14	228	—	—	228
0.31 to 1.00 percent sulfur	134	2	136	82	66	27	175
Greater than 1.00 percent sulfur	122	—	122	429	105	52	586
Petrochemical Feedstocks	—	8	8	610	—	—	610
Naphtha for Petro. Feed. Use	—	—	—	495	—	—	495
Other Oils for Petro. Feed. Use	—	8	8	115	—	—	115
Special Naphthas	—	28	28	86	—	16	102
Lubricants	607	222	829	—	—	266	266
Waxes	—	320	320	—	—	62	62
Petroleum Coke	—	—	—	1,616	874	178	2,668
Marketable	—	—	—	1,616	874	178	2,668
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	108	347	455	2,856	1,603	289	4,748
Miscellaneous Products	8	55	63	69	26	8	103
Total Stocks, All Oils	13,797	2,892	16,689	39,312	10,748	12,913	62,973

See footnotes at end of table.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, August 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	2,015	24,578	17,356	1,155	267	45,371	2,582	20,969	87,043
Petroleum Products	12,533	59,505	38,708	3,664	1,151	115,561	10,435	46,273	233,810
Hydrocarbon Gas Liquids	3,576	2,040	1,180	11	101	6,908	468	1,521	13,935
Natural Gas Liquids	3,047	1,776	1,103	9	101	6,036	365	1,395	12,147
Ethane	15	1	—	—	—	16	—	—	16
Propane	433	401	56	1	3	894	30	86	2,000
Normal Butane	2,151	1,106	698	5	90	4,050	198	899	7,731
Isobutane	425	209	222	3	8	867	96	407	1,871
Natural Gasoline	23	59	127	—	—	209	41	3	529
Refinery Olefins	529	264	77	2	0	872	103	126	1,788
Ethylene	0	0	—	—	—	0	—	—	0
Propylene	510	57	49	2	0	618	3	13	1,199
Normal Butylene	19	207	28	0	0	254	100	113	547
Isobutylene	0	0	0	0	0	0	0	0	42
Biofuels/Other Hydrocarbons	45	1,041	91	28	7	1,212	99	946	2,532
Biofuels (including Fuel Ethanol)	45	1,041	91	28	7	1,212	99	946	2,518
Fuel Ethanol	32	1,002	54	22	3	1,113	91	171	1,611
Biodiesel	13	39	37	6	4	99	8	9	141
Renewable Diesel Fuel	—	—	—	—	—	—	—	766	766
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	14
Unfinished Oils	3,833	22,772	13,378	1,241	462	41,686	2,988	17,940	79,745
Naphthas and Lighter	2,002	6,114	1,640	247	107	10,110	634	2,876	17,622
Kerosene and Light Gas Oils	548	4,003	1,734	257	143	6,685	781	3,033	13,500
Heavy Gas Oils	878	9,450	7,802	664	212	19,006	1,109	8,659	35,985
Residuum	405	3,205	2,202	73	—	5,885	464	3,372	12,638
Motor Gasoline Blending Components (MGBC)	2,713	12,464	10,463	234	267	26,141	3,095	12,415	57,151
Reformulated - RBOB	16	1,181	133	—	11	1,341	—	4,635	7,700
Conventional	2,697	11,283	10,330	234	256	24,800	3,095	7,780	49,451
CBOB	1,187	3,879	5,731	182	57	11,036	1,615	2,369	21,264
GTAB	—	—	—	—	—	—	—	—	—
Other	1,510	7,404	4,599	52	199	13,764	1,480	5,411	28,187
Aviation Gasoline Blending Components	9	—	10	—	—	19	—	—	19
Finished Motor Gasoline	130	1,160	974	40	—	2,304	626	891	4,700
Reformulated	—	—	—	—	—	—	—	10	10
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	10	10
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	130	1,160	974	40	—	2,304	626	881	4,690
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	74	—	74
Ed55 and Lower	—	—	—	—	—	—	74	—	74
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	130	1,160	974	40	—	2,304	552	881	4,616
Finished Aviation Gasoline	30	171	128	—	—	329	10	127	488
Kerosene-Type Jet Fuel	490	2,925	1,982	74	—	5,471	347	3,119	11,468
Kerosene	38	29	1	4	—	72	2	3	347
Distillate Fuel Oil	766	8,237	5,026	421	112	14,562	1,519	4,709	29,162
15 ppm sulfur and under	732	7,104	3,789	243	112	11,980	1,364	4,149	24,984
Greater than 15 ppm to 500 ppm sulfur	34	51	473	36	—	594	92	244	1,182
Greater than 500 ppm sulfur	—	1,082	764	142	—	1,988	63	316	2,996
Residual Fuel Oil	209	2,114	936	13	86	3,358	196	2,166	6,981
Less than 0.31 percent sulfur	19	—	39	—	—	58	21	18	339
0.31 to 1.00 percent sulfur	60	410	237	13	—	720	5	365	1,401
Greater than 1.00 percent sulfur	130	1,704	660	—	86	2,580	170	1,783	5,241
Petrochemical Feedstocks	50	1,597	564	3	22	2,236	—	—	2,854
Naphtha for Petro. Feed. Use	46	976	524	3	—	1,549	—	—	2,044
Other Oils for Petro. Feed. Use	4	621	40	—	22	687	—	—	810
Special Naphthas	99	558	—	143	—	800	—	51	981
Lubricants	38	2,278	2,161	765	—	5,242	—	664	7,001
Waxes	—	105	119	56	—	280	—	—	662
Petroleum Coke	84	1,576	939	—	—	2,599	125	958	6,350
Marketable	84	1,576	939	—	—	2,599	125	958	6,350
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	247	193	655	630	93	1,818	941	715	8,677
Miscellaneous Products	176	245	101	1	1	524	19	48	757
Total Stocks, All Oils	14,548	84,083	56,064	4,819	1,418	160,932	13,017	67,242	320,853

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, September 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	5,331	802	6,133	8,939	2,032	1,983	12,954
Petroleum Products	10,550	2,110	12,660	31,723	7,873	10,302	49,898
Hydrocarbon Gas Liquids	439	59	498	2,801	478	1,160	4,439
Natural Gas Liquids	230	59	289	2,370	452	1,102	3,924
Ethane	—	—	—	—	—	—	—
Propane	80	2	82	539	32	527	1,098
Normal Butane	112	44	156	1,512	383	215	2,110
Isobutane	38	13	51	229	37	158	424
Natural Gasoline	—	—	—	90	—	202	292
Refinery Olefins	209	0	209	431	26	58	515
Ethylene	—	—	—	—	—	—	—
Propylene	108	0	108	383	26	41	450
Normal Butylene	97	0	97	48	0	17	65
Isobutylene	4	0	4	0	0	0	0
Biofuels/Other Hydrocarbons	144	97	241	43	61	31	135
Biofuels (including Fuel Ethanol)	144	97	241	27	61	31	119
Fuel Ethanol	144	89	233	21	47	27	95
Biodiesel	—	8	8	6	14	4	24
Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Biofuels ¹	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	16	—	—	16
Unfinished Oils	3,245	357	3,602	8,541	1,259	3,713	13,513
Naphthas and Lighter	662	223	885	1,994	186	1,005	3,185
Kerosene and Light Gas Oils	245	—	245	1,804	451	378	2,633
Heavy Gas Oils	1,948	132	2,080	3,489	622	1,530	5,641
Residuum	390	2	392	1,254	—	800	2,054
Motor Gasoline Blending Components (MGBC)	3,429	280	3,709	8,442	2,351	2,548	13,341
Reformulated - RBOB	1,496	—	1,496	817	—	—	817
Conventional	1,933	280	2,213	7,625	2,351	2,548	12,524
CBOB	121	167	288	3,208	1,459	1,755	6,422
GTAB	—	—	—	—	—	—	—
Other	1,812	113	1,925	4,417	892	793	6,102
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	43	43	586	83	259	928
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	43	43	586	83	259	928
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	43	43	586	83	259	928
Finished Aviation Gasoline	—	—	—	—	17	—	17
Kerosene-Type Jet Fuel	496	—	496	1,590	304	189	2,083
Kerosene	96	6	102	163	—	44	207
Distillate Fuel Oil	1,586	275	1,861	3,714	1,299	1,508	6,521
15 ppm sulfur and under	1,305	187	1,492	3,531	1,269	1,377	6,177
Greater than 15 ppm to 500 ppm sulfur	24	78	102	—	—	72	72
Greater than 500 ppm sulfur	257	10	267	183	30	59	272
Residual Fuel Oil	304	16	320	707	130	77	914
Less than 0.31 percent sulfur	—	14	14	243	—	—	243
0.31 to 1.00 percent sulfur	100	2	102	130	47	27	204
Greater than 1.00 percent sulfur	204	—	204	334	83	50	467
Petrochemical Feedstocks	—	6	6	546	—	—	546
Naphtha for Petro. Feed. Use	—	—	—	418	—	—	418
Other Oils for Petro. Feed. Use	—	6	6	128	—	—	128
Special Naphthas	—	37	37	69	—	18	87
Lubricants	642	214	856	—	—	244	244
Waxes	—	309	309	—	—	64	64
Petroleum Coke	—	—	—	2,023	271	156	2,450
Marketable	—	—	—	2,023	271	156	2,450
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	158	370	528	2,420	1,606	283	4,309
Miscellaneous Products	11	41	52	78	14	8	100
Total Stocks, All Oils	15,881	2,912	18,793	40,662	9,905	12,285	62,852

See footnotes at end of table.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, September 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	2,066	27,218	16,014	1,141	255	46,694	2,577	18,357	86,715
Petroleum Products	13,661	61,115	42,096	3,850	1,097	121,819	10,612	48,182	243,171
Hydrocarbon Gas Liquids	3,603	2,412	1,213	16	107	7,351	467	1,673	14,428
Natural Gas Liquids	3,051	2,226	1,125	16	107	6,525	331	1,524	12,593
Ethane	17	1	—	—	—	18	—	—	18
Propane	497	629	66	2	4	1,198	29	83	2,490
Normal Butane	2,157	1,345	649	10	93	4,254	173	1,089	7,782
Isobutane	357	203	242	4	10	816	116	350	1,757
Natural Gasoline	23	48	168	—	—	239	13	2	546
Refinery Olefins	552	186	88	0	0	826	136	149	1,835
Ethylene	0	0	—	—	—	0	—	—	0
Propylene	528	56	62	0	0	646	3	11	1,218
Normal Butylene	24	130	26	0	0	180	133	138	613
Isobutylene	0	0	0	0	0	0	0	0	4
Biofuels/Other Hydrocarbons	53	997	107	27	5	1,189	113	1,205	2,883
Biofuels (including Fuel Ethanol)	53	997	107	27	5	1,189	113	1,205	2,867
Fuel Ethanol	36	959	76	21	3	1,095	105	208	1,736
Biodiesel	17	38	31	6	2	94	8	7	141
Renewable Diesel Fuel	—	—	—	—	—	—	—	983	983
Other Biofuels ¹	—	—	—	—	—	—	—	7	7
Other Hydrocarbons	—	—	—	—	—	—	—	—	16
Unfinished Oils	3,837	23,345	15,211	1,174	508	44,075	2,878	17,600	81,668
Naphthas and Lighter	2,055	6,356	1,979	250	159	10,799	546	2,602	18,017
Kerosene and Light Gas Oils	444	4,493	1,918	245	126	7,226	717	3,420	14,241
Heavy Gas Oils	747	9,504	8,617	607	223	19,698	1,117	8,558	37,094
Residuum	591	2,992	2,697	72	—	6,352	498	3,020	12,316
Motor Gasoline Blending Components (MGBC)	3,225	12,449	10,940	306	251	27,171	3,116	13,904	61,241
Reformulated - RBOB	90	1,370	156	—	21	1,637	—	5,242	9,192
Conventional	3,135	11,079	10,784	306	230	25,534	3,116	8,662	52,049
CBOB	1,435	3,480	6,346	223	36	11,520	1,596	2,267	22,093
GTAB	—	—	—	—	—	—	—	—	—
Other	1,700	7,599	4,438	83	194	14,014	1,520	6,395	29,956
Aviation Gasoline Blending Components	10	—	17	—	—	27	—	—	27
Finished Motor Gasoline	166	1,473	1,021	33	—	2,693	595	727	4,986
Reformulated	—	—	—	—	—	—	—	16	16
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	16	16
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	166	1,473	1,021	33	—	2,693	595	711	4,970
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	63	—	63
Ed55 and Lower	—	—	—	—	—	—	63	—	63
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	166	1,473	1,021	33	—	2,693	532	711	4,907
Finished Aviation Gasoline	21	201	154	—	—	376	8	159	560
Kerosene-Type Jet Fuel	480	3,319	2,348	66	—	6,213	318	3,172	12,282
Kerosene	21	79	1	5	—	106	2	1	418
Distillate Fuel Oil	1,257	8,268	5,339	484	66	15,414	1,745	4,945	30,486
15 ppm sulfur and under	1,242	7,073	4,197	333	66	12,911	1,581	4,418	26,579
Greater than 15 ppm to 500 ppm sulfur	15	94	522	20	—	651	108	300	1,233
Greater than 500 ppm sulfur	—	1,101	620	131	—	1,852	56	227	2,674
Residual Fuel Oil	223	1,976	1,148	11	46	3,404	225	2,408	7,271
Less than 0.31 percent sulfur	14	—	16	—	—	30	23	31	341
0.31 to 1.00 percent sulfur	58	367	245	11	—	681	8	266	1,261
Greater than 1.00 percent sulfur	151	1,609	887	—	46	2,693	194	2,111	5,669
Petrochemical Feedstocks	57	1,543	552	3	25	2,180	—	—	2,732
Naphtha for Petro. Feed. Use	50	923	515	3	—	1,491	—	—	1,909
Other Oils for Petro. Feed. Use	7	620	37	—	25	689	—	—	823
Special Naphthas	126	568	—	156	—	850	—	34	1,008
Lubricants	44	1,962	2,338	879	—	5,223	—	725	7,048
Waxes	—	78	110	54	—	242	—	—	615
Petroleum Coke	79	2,096	1,035	—	—	3,210	127	896	6,683
Marketable	79	2,096	1,035	—	—	3,210	127	896	6,683
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	285	114	492	635	86	1,612	1,002	679	8,130
Miscellaneous Products	174	235	70	1	3	483	16	54	705
Total Stocks, All Oils	15,727	88,333	58,110	4,991	1,352	168,513	13,189	66,539	329,886

-- = Not Applicable.

— = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, October 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	5,891	671	6,562	8,931	2,136	1,953	13,020
Petroleum Products	9,479	1,984	11,463	30,741	7,158	11,015	48,914
Hydrocarbon Gas Liquids	557	50	607	2,696	439	1,352	4,487
Natural Gas Liquids	317	50	367	2,252	411	1,326	3,989
Ethane	—	—	—	—	—	—	—
Propane	88	4	92	584	44	686	1,314
Normal Butane	152	31	183	1,317	314	249	1,880
Isobutane	77	15	92	231	53	167	451
Natural Gasoline	—	—	—	120	—	224	344
Refinery Olefins	240	0	240	444	28	26	498
Ethylene	—	—	—	—	—	—	—
Propylene	137	0	137	379	28	6	413
Normal Butylene	81	0	81	65	0	20	85
Isobutylene	22	0	22	0	0	0	0
Biofuels/Other Hydrocarbons	144	94	238	41	64	29	134
Biofuels (including Fuel Ethanol)	144	94	238	23	64	29	116
Fuel Ethanol	144	86	230	19	51	23	93
Biodiesel	—	8	8	4	13	6	23
Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Biofuels ¹	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	18	—	—	18
Unfinished Oils	3,367	393	3,760	8,762	1,710	4,161	14,633
Naphthas and Lighter	735	238	973	1,880	253	1,097	3,230
Kerosene and Light Gas Oils	494	—	494	2,056	530	426	3,012
Heavy Gas Oils	1,708	152	1,860	3,511	927	1,797	6,235
Residuum	430	3	433	1,315	—	841	2,156
Motor Gasoline Blending Components (MGBC)	3,038	236	3,274	8,099	1,952	2,572	12,623
Reformulated - RBOB	1,447	—	1,447	848	—	—	848
Conventional	1,591	236	1,827	7,251	1,952	2,572	11,775
CBOB	51	171	222	2,956	1,245	1,746	5,947
GTAB	—	—	—	—	—	—	—
Other	1,540	65	1,605	4,295	707	826	5,828
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	32	32	461	106	227	794
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	32	32	461	106	227	794
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	32	32	461	106	227	794
Finished Aviation Gasoline	—	—	—	—	17	—	17
Kerosene-Type Jet Fuel	448	—	448	1,489	269	318	2,076
Kerosene	39	6	45	92	—	16	108
Distillate Fuel Oil	960	256	1,216	2,980	822	1,733	5,535
15 ppm sulfur and under	681	171	852	2,883	789	1,551	5,223
Greater than 15 ppm to 500 ppm sulfur	40	76	116	—	—	149	149
Greater than 500 ppm sulfur	239	9	248	97	33	33	163
Residual Fuel Oil	214	20	234	805	110	80	995
Less than 0.31 percent sulfur	—	18	18	282	—	—	282
0.31 to 1.00 percent sulfur	110	2	112	126	34	35	195
Greater than 1.00 percent sulfur	104	—	104	397	76	45	518
Petrochemical Feedstocks	—	6	6	539	—	—	539
Naphtha for Petro. Feed. Use	—	—	—	420	—	—	420
Other Oils for Petro. Feed. Use	—	6	6	119	—	—	119
Special Naphthas	—	42	42	72	—	17	89
Lubricants	595	214	809	—	—	82	82
Waxes	—	299	299	—	—	45	45
Petroleum Coke	—	—	—	2,047	321	152	2,520
Marketable	—	—	—	2,047	321	152	2,520
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	107	297	404	2,574	1,335	223	4,132
Miscellaneous Products	10	39	49	84	13	8	105
Total Stocks, All Oils	15,370	2,655	18,025	39,672	9,294	12,968	61,934

See footnotes at end of table.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, November 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	5,606	729	6,335	8,633	2,414	2,031	13,078
Petroleum Products	10,522	1,866	12,388	30,373	7,511	11,569	49,453
Hydrocarbon Gas Liquids	716	30	746	2,404	423	1,357	4,184
Natural Gas Liquids	424	30	454	1,972	381	1,348	3,701
Ethane	—	—	—	—	—	—	—
Propane	89	2	91	527	43	745	1,315
Normal Butane	258	14	272	1,161	306	206	1,673
Isobutane	77	14	91	219	32	191	442
Natural Gasoline	—	—	—	65	—	206	271
Refinery Olefins	292	0	292	432	42	9	483
Ethylene	—	—	—	—	—	—	—
Propylene	151	0	151	404	42	8	454
Normal Butylene	103	0	103	28	0	1	29
Isobutylene	38	0	38	0	0	0	0
Biofuels/Other Hydrocarbons	155	91	246	58	73	26	157
Biofuels (including Fuel Ethanol)	155	91	246	35	73	26	134
Fuel Ethanol	155	84	239	29	58	22	109
Biodiesel	—	7	7	6	15	4	25
Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Biofuels ¹	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	23	—	—	23
Unfinished Oils	3,147	396	3,543	8,145	1,892	4,078	14,115
Naphthas and Lighter	675	234	909	1,854	334	968	3,156
Kerosene and Light Gas Oils	429	—	429	1,753	575	460	2,788
Heavy Gas Oils	1,649	159	1,808	3,096	983	1,717	5,796
Residuum	394	3	397	1,442	—	933	2,375
Motor Gasoline Blending Components (MGBC)	2,926	192	3,118	8,543	2,096	3,072	13,711
Reformulated - RBOB	1,208	—	1,208	986	—	—	986
Conventional	1,718	192	1,910	7,557	2,096	3,072	12,725
CBOB	79	144	223	3,073	1,338	2,088	6,499
GTAB	—	—	—	—	—	—	—
Other	1,639	48	1,687	4,484	758	984	6,226
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	21	21	463	77	302	842
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	21	21	463	77	302	842
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	21	21	463	77	302	842
Finished Aviation Gasoline	—	—	—	—	13	—	13
Kerosene-Type Jet Fuel	531	—	531	1,515	254	270	2,039
Kerosene	94	7	101	112	—	40	152
Distillate Fuel Oil	1,457	237	1,694	3,645	1,057	1,841	6,543
15 ppm sulfur and under	1,137	160	1,297	3,513	992	1,634	6,139
Greater than 15 ppm to 500 ppm sulfur	90	68	158	—	—	148	148
Greater than 500 ppm sulfur	230	9	239	132	65	59	256
Residual Fuel Oil	549	20	569	678	135	91	904
Less than 0.31 percent sulfur	63	18	81	173	—	—	173
0.31 to 1.00 percent sulfur	134	2	136	144	49	36	229
Greater than 1.00 percent sulfur	352	—	352	361	86	55	502
Petrochemical Feedstocks	—	5	5	532	—	—	532
Naphtha for Petro. Feed. Use	—	—	—	417	—	—	417
Other Oils for Petro. Feed. Use	—	5	5	115	—	—	115
Special Naphthas	—	33	33	51	—	11	62
Lubricants	648	223	871	—	—	111	111
Waxes	—	293	293	—	—	35	35
Petroleum Coke	—	—	—	1,726	265	81	2,072
Marketable	—	—	—	1,726	265	81	2,072
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	290	276	566	2,419	1,204	243	3,866
Miscellaneous Products	9	42	51	82	22	11	115
Total Stocks, All Oils	16,128	2,595	18,723	39,006	9,925	13,600	62,531

See footnotes at end of table.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, December 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	5,032	769	5,801	8,808	2,488	1,734	13,030
Petroleum Products	10,189	2,075	12,264	29,717	7,295	11,418	48,430
Hydrocarbon Gas Liquids	667	24	691	2,228	404	1,253	3,885
Natural Gas Liquids	520	24	544	1,872	366	1,238	3,476
Ethane	—	—	—	—	—	—	—
Propane	105	3	108	503	40	568	1,111
Normal Butane	350	7	357	963	272	147	1,382
Isobutane	65	14	79	269	54	261	584
Natural Gasoline	—	—	—	137	—	262	399
Refinery Olefins	147	0	147	356	38	15	409
Ethylene	—	—	—	—	—	—	—
Propylene	138	0	138	325	38	7	370
Normal Butylene	0	0	0	31	0	8	39
Isobutylene	9	0	9	0	0	0	0
Biofuels/Other Hydrocarbons	88	90	178	50	65	26	141
Biofuels (including Fuel Ethanol)	88	90	178	37	65	26	128
Fuel Ethanol	88	82	170	33	51	22	106
Biodiesel	—	8	8	4	14	4	22
Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Biofuels ¹	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	13	—	—	13
Unfinished Oils	3,168	362	3,530	7,298	1,407	3,675	12,380
Naphthas and Lighter	850	221	1,071	1,711	330	855	2,896
Kerosene and Light Gas Oils	396	—	396	1,788	636	432	2,856
Heavy Gas Oils	1,546	138	1,684	2,878	441	1,551	4,870
Residuum	376	3	379	921	—	837	1,758
Motor Gasoline Blending Components (MGBC)	2,876	299	3,175	8,614	2,153	3,340	14,107
Reformulated - RBOB	1,045	—	1,045	813	—	—	813
Conventional	1,831	299	2,130	7,801	2,153	3,340	13,294
CBOB	48	254	302	3,088	1,390	2,438	6,916
GTAB	—	—	—	—	—	—	—
Other	1,783	45	1,828	4,713	763	902	6,378
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	34	34	362	106	265	733
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	34	34	362	106	265	733
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	34	34	362	106	265	733
Finished Aviation Gasoline	—	—	—	—	10	—	10
Kerosene-Type Jet Fuel	414	—	414	1,548	280	324	2,152
Kerosene	61	7	68	147	—	35	182
Distillate Fuel Oil	1,356	313	1,669	4,271	1,256	1,810	7,337
15 ppm sulfur and under	1,061	215	1,276	4,116	1,192	1,714	7,022
Greater than 15 ppm to 500 ppm sulfur	119	89	208	—	—	51	51
Greater than 500 ppm sulfur	176	9	185	155	64	45	264
Residual Fuel Oil	703	17	720	642	164	84	890
Less than 0.31 percent sulfur	168	15	183	110	—	—	110
0.31 to 1.00 percent sulfur	262	2	264	97	77	27	201
Greater than 1.00 percent sulfur	273	—	273	435	87	57	579
Petrochemical Feedstocks	—	7	7	577	—	—	577
Naphtha for Petro. Feed. Use	—	—	—	452	—	—	452
Other Oils for Petro. Feed. Use	—	7	7	125	—	—	125
Special Naphthas	—	27	27	80	—	18	98
Lubricants	676	238	914	—	—	211	211
Waxes	—	307	307	—	—	65	65
Petroleum Coke	—	—	—	1,647	275	56	1,978
Marketable	—	—	—	1,647	275	56	1,978
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	165	305	470	2,167	1,141	248	3,556
Miscellaneous Products	15	45	60	86	34	8	128
Total Stocks, All Oils	15,221	2,844	18,065	38,525	9,783	13,152	61,460

See footnotes at end of table.

Table 23. Percent Yield of Petroleum Products by PAD and Refining Districts, January 2023

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	2.2	-0.6	1.9	1.3	-1.2	1.2	0.9
Finished Motor Gasoline ¹	48.5	40.2	47.6	53.9	50.3	51.7	52.8
Finished Aviation Gasoline ²	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	14.1	-	12.6	7.7	4.8	4.2	6.4
Kerosene	0.3	0.1	0.3	0.2	-	0.3	0.2
Distillate Fuel Oil ³	26.3	26.0	26.3	27.4	34.6	37.0	30.7
Residual Fuel Oil	4.1	0.4	3.7	0.9	0.9	0.5	0.8
Naphtha for Petro. Feed. Use	-	-	-	0.6	-	-	0.4
Other Oils for Petro. Feed. Use	-	0.4	0.1	0.6	-	-	0.4
Special Naphthas	-	-0.2	0.0	0.0	-	0.1	0.0
Lubricants	0.9	6.1	1.5	-	-	0.7	0.2
Waxes	-	-1.0	-0.1	-	-	0.2	0.0
Petroleum Coke	3.0	0.7	2.7	5.3	5.9	3.2	4.9
Asphalt and Road Oil	1.7	24.7	4.2	4.8	8.3	0.8	4.4
Still Gas	3.5	1.9	3.4	3.5	3.9	3.8	3.6
Miscellaneous Products	0.2	1.4	0.3	0.5	0.7	0.2	0.4
Processing Gain(-) or Loss(+) ⁴	-4.8	-0.2	-4.3	-6.3	-8.1	-3.8	-6.0

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	1.1	3.6	4.5	-0.6	-1.0	3.6	-0.1	-0.3	2.3
Finished Motor Gasoline ¹	56.1	44.8	45.0	30.1	64.3	45.4	48.1	51.7	48.2
Finished Aviation Gasoline ²	0.2	0.0	0.1	-	-	0.1	0.0	-	0.0
Kerosene-Type Jet Fuel	8.2	11.0	10.0	1.8	-	10.1	3.9	19.2	10.4
Kerosene	0.0	0.2	0.0	0.5	-	0.1	-	0.0	0.1
Distillate Fuel Oil ³	29.2	30.9	33.1	35.9	30.9	31.8	36.6	20.0	29.8
Residual Fuel Oil	1.5	1.7	1.2	0.3	-1.4	1.4	2.0	3.4	1.7
Naphtha for Petro. Feed. Use	0.5	1.8	1.4	-	-	1.5	-	-	0.9
Other Oils for Petro. Feed. Use	0.0	0.9	0.7	-	1.8	0.8	0.4	-	0.5
Special Naphthas	0.3	0.5	-	3.0	-	0.3	-	0.1	0.2
Lubricants	0.1	1.3	1.4	10.3	-	1.5	-	0.7	1.0
Waxes	-	0.0	0.0	0.2	-	0.0	-	-	0.0
Petroleum Coke	1.8	5.8	5.4	2.5	0.9	5.2	4.9	5.5	5.1
Asphalt and Road Oil	0.9	0.1	0.6	14.7	2.8	0.8	4.9	1.0	2.0
Still Gas	3.6	4.3	3.5	3.9	3.5	3.9	4.3	5.3	4.0
Miscellaneous Products	0.8	0.7	0.5	0.3	0.1	0.6	0.4	0.6	0.5
Processing Gain(-) or Loss(+) ⁴	-4.3	-7.4	-7.4	-2.5	-1.9	-7.0	-5.4	-7.2	-6.6

- = No Data Reported.

¹ Based on net production of finished motor gasoline minus input of natural gas liquids, fuel ethanol, and net input of motor gasoline blending components.

² Based on finished aviation gasoline net production minus net input of aviation gasoline blending components.

³ Based on distillate fuel oil net production minus input of biodiesel, renewable diesel fuel, and other biofuels.

⁴ Represents the arithmetic difference between input and production.

Note: Percent yield is calculated as net production (or adjusted net production) divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Calculated from data on Tables 18 and 19.

Table 23. Percent Yield of Petroleum Products by PAD and Refining Districts, February 2023

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	1.3	-0.6	1.1	1.3	-0.9	1.4	1.0
Finished Motor Gasoline ¹	43.1	40.0	42.7	53.6	51.3	50.6	52.5
Finished Aviation Gasoline ²	-	-	-	-	0.1	-	0.0
Kerosene-Type Jet Fuel	15.1	-	13.0	7.1	5.2	3.8	6.1
Kerosene	0.6	0.2	0.6	0.1	-	0.0	0.1
Distillate Fuel Oil ³	28.8	27.2	28.6	27.7	31.8	38.0	30.6
Residual Fuel Oil	4.6	0.3	4.0	0.9	0.9	0.6	0.8
Naphtha for Petro. Feed. Use	-	-	-	0.5	-	-	0.3
Other Oils for Petro. Feed. Use	-	0.4	0.1	0.5	-	-	0.3
Special Naphthas	-	-0.1	0.0	0.0	-	0.1	0.0
Lubricants	1.2	7.1	2.0	-	-	0.8	0.2
Waxes	-	-0.5	-0.1	-	-	0.2	0.0
Petroleum Coke	2.5	0.7	2.3	5.3	5.5	3.3	4.9
Asphalt and Road Oil	2.0	22.6	4.9	4.5	7.6	1.3	4.2
Still Gas	3.5	1.6	3.2	3.6	3.8	4.1	3.7
Miscellaneous Products	0.3	0.6	0.3	0.4	1.0	0.2	0.5
Processing Gain(-) or Loss(+) ⁴	-2.9	0.5	-2.4	-5.5	-6.2	-4.2	-5.3

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	2.2	3.8	4.8	-0.3	0.4	3.9	0.8	1.4	2.6
Finished Motor Gasoline ¹	53.9	45.6	44.5	32.3	53.9	45.5	47.8	49.9	47.8
Finished Aviation Gasoline ²	0.1	0.1	0.2	-	-	0.1	0.0	0.0	0.1
Kerosene-Type Jet Fuel	7.5	9.9	10.6	1.0	-	9.7	5.0	19.1	10.1
Kerosene	0.0	0.2	-	0.3	-	0.1	-	0.0	0.1
Distillate Fuel Oil ³	30.9	30.6	33.0	36.2	41.3	31.8	34.8	20.0	29.8
Residual Fuel Oil	1.6	1.7	1.5	0.0	0.3	1.6	2.3	3.5	1.8
Naphtha for Petro. Feed. Use	0.6	1.4	1.0	-	-	1.1	-	-	0.7
Other Oils for Petro. Feed. Use	0.1	1.2	0.7	-	2.5	0.9	0.4	-	0.6
Special Naphthas	0.4	0.4	-	3.2	-	0.3	-	-	0.2
Lubricants	0.0	1.2	0.9	9.5	-	1.3	-	0.8	0.9
Waxes	-	0.0	0.1	0.2	-	0.1	-	-	0.0
Petroleum Coke	2.1	5.6	5.3	2.5	0.9	5.1	4.7	5.6	5.0
Asphalt and Road Oil	0.8	0.3	0.8	12.6	0.7	0.8	4.7	1.1	2.0
Still Gas	4.3	4.0	3.4	4.9	3.4	3.8	3.9	5.0	3.9
Miscellaneous Products	0.7	0.7	0.5	0.2	0.4	0.6	0.4	0.6	0.5
Processing Gain(-) or Loss(+) ⁴	-4.9	-6.7	-7.3	-2.6	-3.6	-6.7	-4.7	-7.2	-6.2

- = No Data Reported.

¹ Based on net production of finished motor gasoline minus input of natural gas liquids, fuel ethanol, and net input of motor gasoline blending components.

² Based on finished aviation gasoline net production minus net input of aviation gasoline blending components.

³ Based on distillate fuel oil net production minus input of biodiesel, renewable diesel fuel, and other biofuels.

⁴ Represents the arithmetic difference between input and production.

Note: Percent yield is calculated as net production (or adjusted net production) divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Calculated from data on Tables 18 and 19.

Table 23. Percent Yield of Petroleum Products by PAD and Refining Districts, March 2023

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	1.4	0.5	1.2	3.2	1.3	3.0	2.9
Finished Motor Gasoline ¹	46.7	38.5	45.5	51.9	50.6	48.8	51.1
Finished Aviation Gasoline ²	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	15.4	-	13.0	8.4	5.5	4.9	7.3
Kerosene	0.1	-	0.1	0.0	-	0.0	0.0
Distillate Fuel Oil ³	26.2	26.6	26.3	26.6	32.2	37.1	29.5
Residual Fuel Oil	4.6	0.3	3.9	0.9	1.0	0.6	0.9
Naphtha for Petro. Feed. Use	-	-	-	0.7	-	-	0.5
Other Oils for Petro. Feed. Use	-	0.5	0.1	0.5	-	-	0.3
Special Naphthas	-	0.1	0.0	0.0	-	0.1	0.0
Lubricants	0.4	6.6	1.4	-	-	0.9	0.2
Waxes	-	-0.1	0.0	-	-	0.2	0.0
Petroleum Coke	2.9	0.7	2.5	5.0	5.6	3.2	4.8
Asphalt and Road Oil	2.4	23.1	5.6	4.6	7.1	1.5	4.3
Still Gas	3.9	1.6	3.5	3.4	3.9	4.1	3.6
Miscellaneous Products	0.2	0.3	0.2	0.4	0.8	0.2	0.4
Processing Gain(-) or Loss(+) ⁴	-4.1	1.3	-3.2	-5.5	-7.9	-4.5	-5.7

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	3.6	5.6	5.0	0.9	1.1	5.1	1.9	3.0	4.0
Finished Motor Gasoline ¹	52.0	43.6	42.5	28.3	54.1	43.4	47.8	49.3	46.3
Finished Aviation Gasoline ²	0.2	0.0	0.1	-	-	0.1	0.0	0.0	0.0
Kerosene-Type Jet Fuel	7.7	10.9	10.2	1.8	-	10.0	5.9	18.8	10.6
Kerosene	0.0	0.1	-	0.1	-	0.1	-	0.0	0.1
Distillate Fuel Oil ³	30.7	29.5	34.0	36.6	32.9	31.5	34.0	19.3	29.2
Residual Fuel Oil	1.5	1.7	1.7	-0.4	2.8	1.6	1.9	3.1	1.8
Naphtha for Petro. Feed. Use	0.1	1.6	1.5	-	-	1.4	-	-	0.9
Other Oils for Petro. Feed. Use	0.0	1.2	1.0	-	1.3	1.0	0.4	0.1	0.6
Special Naphthas	0.2	0.5	-	3.2	-	0.3	-	0.0	0.2
Lubricants	0.0	1.1	0.8	10.3	-	1.2	-	0.4	0.8
Waxes	-	0.0	0.1	0.3	-	0.0	-	-	0.0
Petroleum Coke	2.2	5.6	5.0	2.4	0.6	5.0	4.1	5.6	4.9
Asphalt and Road Oil	1.1	0.3	0.5	13.5	4.6	0.8	5.1	1.0	2.0
Still Gas	3.9	4.1	3.5	3.5	4.5	3.8	3.8	5.4	4.0
Miscellaneous Products	0.6	0.6	0.5	0.2	0.4	0.6	0.2	0.6	0.5
Processing Gain(-) or Loss(+) ⁴	-3.7	-6.5	-6.2	-0.6	-2.4	-6.0	-5.1	-6.7	-5.9

- = No Data Reported.

¹ Based on net production of finished motor gasoline minus input of natural gas liquids, fuel ethanol, and net input of motor gasoline blending components.

² Based on finished aviation gasoline net production minus net input of aviation gasoline blending components.

³ Based on distillate fuel oil net production minus input of biodiesel, renewable diesel fuel, and other biofuels.

⁴ Represents the arithmetic difference between input and production.

Note: Percent yield is calculated as net production (or adjusted net production) divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Calculated from data on Tables 18 and 19.

Table 23. Percent Yield of Petroleum Products by PAD and Refining Districts, April 2023

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	4.0	2.7	3.8	5.9	2.8	3.1	4.9
Finished Motor Gasoline ¹	45.8	35.4	44.6	51.5	48.7	48.5	50.5
Finished Aviation Gasoline ²	-	-	-	-	0.2	-	0.0
Kerosene-Type Jet Fuel	14.2	-	12.5	9.5	6.6	4.6	8.1
Kerosene	-0.4	-	-0.3	0.0	-	0.0	0.0
Distillate Fuel Oil ³	29.1	25.6	28.7	23.9	28.4	37.5	27.3
Residual Fuel Oil	3.4	0.2	3.0	1.0	1.2	0.5	0.9
Naphtha for Petro. Feed. Use	-	-	-	0.7	-	-	0.5
Other Oils for Petro. Feed. Use	-	0.4	0.0	0.5	-	-	0.3
Special Naphthas	-	0.4	0.0	-0.1	-	0.0	0.0
Lubricants	0.7	6.7	1.4	-	-	1.0	0.2
Waxes	-	0.1	0.0	-	-	0.2	0.0
Petroleum Coke	1.9	0.6	1.7	5.3	7.7	3.1	5.2
Asphalt and Road Oil	2.5	23.2	4.9	3.8	9.3	1.6	4.0
Still Gas	3.8	2.0	3.6	3.7	3.8	4.1	3.8
Miscellaneous Products	0.1	0.6	0.1	0.4	0.7	0.2	0.4
Processing Gain(-) or Loss(+) ⁴	-5.0	2.0	-4.2	-6.1	-9.1	-4.3	-6.1

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	4.8	6.1	5.4	1.4	1.8	5.6	2.9	3.4	5.0
Finished Motor Gasoline ¹	51.2	42.6	42.2	27.8	65.3	42.8	47.2	51.1	45.9
Finished Aviation Gasoline ²	0.4	0.1	0.0	-	-	0.1	0.0	0.0	0.1
Kerosene-Type Jet Fuel	6.7	10.0	9.8	1.8	-	9.5	5.8	19.1	10.5
Kerosene	0.0	0.2	0.0	0.1	-	0.1	-	0.0	0.0
Distillate Fuel Oil ³	30.4	30.4	33.8	35.5	31.6	31.8	33.3	19.3	29.0
Residual Fuel Oil	1.1	2.0	1.9	-0.4	-1.2	1.8	2.0	2.7	1.8
Naphtha for Petro. Feed. Use	0.2	1.3	1.4	0.3	-	1.3	-	-	0.8
Other Oils for Petro. Feed. Use	0.1	1.2	1.3	-	4.3	1.2	0.3	0.2	0.8
Special Naphthas	0.2	0.4	-	3.8	-	0.3	-	0.1	0.2
Lubricants	0.1	1.2	1.1	14.5	-	1.4	-	0.6	1.0
Waxes	-	0.0	0.1	0.2	-	0.0	-	-	0.0
Petroleum Coke	2.6	5.4	5.1	2.4	1.7	5.0	4.2	5.8	4.9
Asphalt and Road Oil	1.1	0.4	0.6	9.6	0.4	0.7	4.7	1.2	1.9
Still Gas	3.6	4.2	3.4	4.4	4.7	3.9	3.9	5.0	4.0
Miscellaneous Products	0.8	0.6	0.5	0.2	0.4	0.6	0.3	0.6	0.5
Processing Gain(-) or Loss(+) ⁴	-3.2	-6.1	-6.5	-1.8	-9.0	-5.9	-4.6	-8.9	-6.2

- = No Data Reported.

¹ Based on net production of finished motor gasoline minus input of natural gas liquids, fuel ethanol, and net input of motor gasoline blending components.

² Based on finished aviation gasoline net production minus net input of aviation gasoline blending components.

³ Based on distillate fuel oil net production minus input of biodiesel, renewable diesel fuel, and other biofuels.

⁴ Represents the arithmetic difference between input and production.

Note: Percent yield is calculated as net production (or adjusted net production) divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Calculated from data on Tables 18 and 19.

Table 23. Percent Yield of Petroleum Products by PAD and Refining Districts, May 2023

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	4.3	3.2	4.2	5.4	4.0	3.4	4.8
Finished Motor Gasoline ¹	48.9	36.2	47.4	49.4	46.4	49.5	49.1
Finished Aviation Gasoline ²	-	-	-	-	0.2	-	0.0
Kerosene-Type Jet Fuel	11.4	-	10.1	8.9	6.0	4.4	7.6
Kerosene	1.3	-	1.1	0.1	-	0.1	0.1
Distillate Fuel Oil ³	27.1	23.8	26.7	26.2	29.4	35.6	28.5
Residual Fuel Oil	3.0	0.2	2.7	1.0	1.1	0.4	0.9
Naphtha for Petro. Feed. Use	-	-	-	0.7	-	-	0.4
Other Oils for Petro. Feed. Use	-	0.4	0.0	0.5	-	-	0.3
Special Naphthas	-	0.6	0.1	-0.1	-	0.1	0.0
Lubricants	0.9	5.1	1.3	-	-	0.9	0.2
Waxes	-	-0.1	0.0	-	-	0.2	0.0
Petroleum Coke	1.7	0.7	1.6	4.9	1.7	3.4	4.2
Asphalt and Road Oil	2.2	25.1	4.9	4.1	10.9	1.4	4.4
Still Gas	3.6	2.3	3.5	3.7	3.7	4.2	3.8
Miscellaneous Products	0.1	0.9	0.2	0.4	0.7	0.2	0.4
Processing Gain(-) or Loss(+) ⁴	-4.6	1.8	-3.8	-4.9	-4.1	-3.8	-4.6

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	5.2	6.8	5.0	1.0	1.7	5.8	2.8	3.2	5.0
Finished Motor Gasoline ¹	51.2	41.8	42.8	27.5	56.7	42.5	46.0	49.5	45.4
Finished Aviation Gasoline ²	0.2	0.1	0.1	-	-	0.1	0.0	0.0	0.1
Kerosene-Type Jet Fuel	7.4	10.0	10.0	1.9	-	9.6	5.6	17.4	10.1
Kerosene	0.0	0.2	0.0	0.1	-	0.1	-	0.0	0.1
Distillate Fuel Oil ³	29.9	31.5	33.2	34.6	37.0	32.2	32.5	19.1	29.3
Residual Fuel Oil	1.3	1.6	1.4	-0.4	-0.4	1.4	1.9	3.3	1.7
Naphtha for Petro. Feed. Use	0.3	1.4	1.2	-	-	1.2	-	-	0.8
Other Oils for Petro. Feed. Use	0.0	0.8	1.3	-	1.8	0.9	0.3	0.2	0.6
Special Naphthas	0.2	0.4	-	3.2	-	0.3	-	0.1	0.2
Lubricants	0.0	1.2	1.5	11.5	-	1.5	-	0.4	1.0
Waxes	-	0.0	0.1	0.3	-	0.0	-	-	0.0
Petroleum Coke	2.1	5.8	5.4	2.2	0.8	5.3	3.9	5.5	4.8
Asphalt and Road Oil	1.3	0.3	0.6	12.7	3.1	0.8	6.2	1.3	2.1
Still Gas	3.7	4.3	3.6	4.2	2.7	4.0	3.6	5.1	4.1
Miscellaneous Products	0.7	0.8	0.5	0.2	0.3	0.6	0.3	0.5	0.5
Processing Gain(-) or Loss(+) ⁴	-3.4	-6.9	-6.6	0.9	-3.8	-6.3	-3.0	-5.6	-5.6

- = No Data Reported.

¹ Based on net production of finished motor gasoline minus input of natural gas liquids, fuel ethanol, and net input of motor gasoline blending components.

² Based on finished aviation gasoline net production minus net input of aviation gasoline blending components.

³ Based on distillate fuel oil net production minus input of biodiesel, renewable diesel fuel, and other biofuels.

⁴ Represents the arithmetic difference between input and production.

Note: Percent yield is calculated as net production (or adjusted net production) divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Calculated from data on Tables 18 and 19.

Table 23. Percent Yield of Petroleum Products by PAD and Refining Districts, June 2023

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	4.3	2.8	4.1	6.1	3.7	3.2	5.2
Finished Motor Gasoline ¹	45.5	34.3	44.0	49.5	48.0	49.0	49.2
Finished Aviation Gasoline ²	-	-	-	-	0.2	-	0.0
Kerosene-Type Jet Fuel	12.7	-	11.0	8.6	5.7	3.6	7.1
Kerosene	0.8	-	0.7	0.0	-	-0.1	0.0
Distillate Fuel Oil ³	26.1	26.0	26.1	26.5	27.6	38.6	29.3
Residual Fuel Oil	4.1	0.1	3.6	0.9	1.4	0.6	0.9
Naphtha for Petro. Feed. Use	-	-	-	0.7	-	-	0.4
Other Oils for Petro. Feed. Use	-	0.4	0.1	0.5	-	-	0.3
Special Naphthas	-	0.3	0.0	-0.1	-	0.1	0.0
Lubricants	0.9	6.9	1.7	-	-	0.7	0.1
Waxes	-	0.6	0.1	-	-	0.2	0.0
Petroleum Coke	2.7	0.6	2.5	4.7	5.9	3.2	4.6
Asphalt and Road Oil	2.7	23.4	5.5	4.5	11.3	1.7	4.8
Still Gas	4.3	2.1	4.0	3.7	3.8	3.9	3.7
Miscellaneous Products	0.2	0.5	0.3	0.4	0.7	0.2	0.4
Processing Gain(-) or Loss(+) ⁴	-4.4	1.9	-3.6	-6.0	-8.3	-4.7	-6.0

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	5.6	6.1	5.4	1.0	2.1	5.7	2.5	3.4	5.0
Finished Motor Gasoline ¹	50.7	42.7	43.8	27.5	52.1	43.4	46.3	50.5	45.9
Finished Aviation Gasoline ²	0.2	0.0	0.1	-	-	0.1	0.0	0.2	0.1
Kerosene-Type Jet Fuel	8.3	10.9	9.9	1.6	-	10.1	4.9	19.2	10.5
Kerosene	-0.1	0.2	0.0	0.0	-	0.1	-	0.0	0.1
Distillate Fuel Oil ³	28.2	31.7	33.0	36.6	37.0	32.1	34.2	18.1	29.2
Residual Fuel Oil	1.7	1.0	0.9	0.3	4.5	1.0	1.8	2.7	1.4
Naphtha for Petro. Feed. Use	0.6	1.0	1.4	-	-	1.1	-	-	0.7
Other Oils for Petro. Feed. Use	0.1	0.7	1.7	-	2.4	1.0	0.2	0.0	0.6
Special Naphthas	0.3	0.4	-	0.5	-	0.2	-	0.0	0.1
Lubricants	0.0	1.2	1.0	10.9	-	1.3	-	0.3	0.8
Waxes	-	0.0	0.1	0.4	-	0.1	-	-	0.0
Petroleum Coke	1.6	5.8	5.4	2.9	1.0	5.3	3.8	5.7	5.0
Asphalt and Road Oil	1.3	0.3	0.5	13.1	-0.1	0.7	6.0	1.2	2.2
Still Gas	4.0	4.3	3.8	4.7	3.1	4.1	3.6	5.2	4.1
Miscellaneous Products	0.7	0.7	0.5	0.3	0.3	0.6	0.3	0.5	0.5
Processing Gain(-) or Loss(+) ⁴	-3.1	-6.7	-7.3	0.4	-2.4	-6.5	-3.6	-7.2	-6.2

- = No Data Reported.

¹ Based on net production of finished motor gasoline minus input of natural gas liquids, fuel ethanol, and net input of motor gasoline blending components.

² Based on finished aviation gasoline net production minus net input of aviation gasoline blending components.

³ Based on distillate fuel oil net production minus input of biodiesel, renewable diesel fuel, and other biofuels.

⁴ Represents the arithmetic difference between input and production.

Note: Percent yield is calculated as net production (or adjusted net production) divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Calculated from data on Tables 18 and 19.

Table 23. Percent Yield of Petroleum Products by PAD and Refining Districts, July 2023

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	3.5	2.5	3.4	5.6	3.4	2.9	4.7
Finished Motor Gasoline ¹	44.6	34.7	43.2	50.4	44.9	48.7	49.3
Finished Aviation Gasoline ²	-	-	-	-	0.3	-	0.0
Kerosene-Type Jet Fuel	13.7	-	11.8	8.4	6.5	3.8	7.1
Kerosene	1.2	-	1.1	0.1	-	0.1	0.1
Distillate Fuel Oil ³	25.4	25.2	25.4	25.9	31.6	38.5	29.5
Residual Fuel Oil	4.9	0.2	4.3	0.8	1.1	0.6	0.8
Naphtha for Petro. Feed. Use	-	-	-	0.6	-	-	0.4
Other Oils for Petro. Feed. Use	-	0.4	0.1	0.5	-	-	0.3
Special Naphthas	-	0.5	0.1	-0.1	-	0.1	0.0
Lubricants	0.5	6.9	1.4	-	-	0.8	0.2
Waxes	-	0.5	0.1	-	-	0.1	0.0
Petroleum Coke	2.5	0.7	2.3	5.1	6.9	3.0	4.9
Asphalt and Road Oil	2.5	24.2	5.5	3.9	9.1	1.5	4.1
Still Gas	4.3	2.2	4.0	4.0	3.7	3.9	3.9
Miscellaneous Products	0.2	0.7	0.3	0.4	0.7	0.2	0.4
Processing Gain(-) or Loss(+) ⁴	-3.5	1.4	-2.8	-5.7	-8.1	-4.1	-5.7

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	4.7	6.1	5.5	1.1	1.6	5.6	2.5	2.8	4.8
Finished Motor Gasoline ¹	49.8	43.1	43.1	29.9	53.5	43.3	47.9	50.6	45.9
Finished Aviation Gasoline ²	0.3	0.1	0.2	-	-	0.1	0.0	0.0	0.1
Kerosene-Type Jet Fuel	7.5	10.5	9.9	2.3	-	9.8	5.8	19.9	10.5
Kerosene	0.0	0.1	0.0	0.0	-	0.1	-	0.0	0.1
Distillate Fuel Oil ³	31.0	31.1	33.2	36.3	37.0	32.1	32.3	17.1	29.1
Residual Fuel Oil	1.2	1.6	0.9	-0.2	1.9	1.2	1.8	3.3	1.6
Naphtha for Petro. Feed. Use	0.6	1.1	1.5	-	-	1.2	-	-	0.7
Other Oils for Petro. Feed. Use	0.0	0.6	1.2	-	1.9	0.8	0.4	0.3	0.6
Special Naphthas	0.4	0.4	-	2.8	-	0.3	-	0.1	0.2
Lubricants	0.1	1.1	1.5	10.4	-	1.4	-	0.3	0.9
Waxes	-	0.0	0.1	0.3	-	0.0	-	-	0.0
Petroleum Coke	2.1	6.1	4.8	2.2	0.8	5.2	3.9	5.4	5.0
Asphalt and Road Oil	1.1	0.3	0.6	14.1	1.6	0.9	5.7	1.3	2.1
Still Gas	4.3	4.4	3.7	4.7	3.1	4.1	3.6	5.0	4.2
Miscellaneous Products	0.6	0.7	0.5	0.2	0.4	0.6	0.3	0.5	0.5
Processing Gain(-) or Loss(+) ⁴	-3.7	-7.3	-6.6	-4.2	-1.7	-6.7	-4.3	-6.5	-6.2

- = No Data Reported.

¹ Based on net production of finished motor gasoline minus input of natural gas liquids, fuel ethanol, and net input of motor gasoline blending components.

² Based on finished aviation gasoline net production minus net input of aviation gasoline blending components.

³ Based on distillate fuel oil net production minus input of biodiesel, renewable diesel fuel, and other biofuels.

⁴ Represents the arithmetic difference between input and production.

Note: Percent yield is calculated as net production (or adjusted net production) divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Calculated from data on Tables 18 and 19.

Table 23. Percent Yield of Petroleum Products by PAD and Refining Districts, August 2023

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	4.7	2.2	4.4	5.7	3.2	2.8	4.7
Finished Motor Gasoline ¹	45.7	34.2	44.4	49.8	44.8	50.2	49.2
Finished Aviation Gasoline ²	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	12.9	-	11.5	8.8	6.6	4.3	7.6
Kerosene	1.1	0.2	1.0	0.0	-	0.1	0.0
Distillate Fuel Oil ³	26.8	26.3	26.7	26.1	31.3	38.4	29.4
Residual Fuel Oil	3.3	0.1	3.0	0.9	0.6	0.5	0.8
Naphtha for Petro. Feed. Use	-	-	-	0.7	-	-	0.5
Other Oils for Petro. Feed. Use	-	0.5	0.1	0.4	-	-	0.3
Special Naphthas	-	0.4	0.1	-0.1	-	0.1	0.0
Lubricants	0.8	6.4	1.4	-	-	0.8	0.2
Waxes	-	-0.7	-0.1	-	-	0.1	0.0
Petroleum Coke	2.7	0.7	2.5	4.9	4.0	3.7	4.5
Asphalt and Road Oil	2.6	24.6	5.0	4.6	10.1	1.4	4.7
Still Gas	3.7	2.2	3.5	3.8	3.8	4.0	3.8
Miscellaneous Products	0.2	1.0	0.3	0.4	0.7	0.2	0.4
Processing Gain(-) or Loss(+) ⁴	-4.4	2.0	-3.7	-6.0	-5.1	-6.5	-6.0

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	5.8	6.1	5.6	1.0	1.4	5.7	2.8	2.8	4.9
Finished Motor Gasoline ¹	48.2	42.6	42.7	30.2	55.0	42.8	47.2	49.5	45.5
Finished Aviation Gasoline ²	0.4	0.1	0.2	-	-	0.1	0.1	0.1	0.1
Kerosene-Type Jet Fuel	7.7	11.2	9.7	1.9	-	10.0	6.3	19.8	10.8
Kerosene	0.1	0.1	0.0	0.1	-	0.1	0.0	0.0	0.1
Distillate Fuel Oil ³	32.1	31.0	33.3	36.3	39.3	32.2	32.2	18.3	29.3
Residual Fuel Oil	0.7	1.4	1.2	-0.6	2.8	1.2	1.9	3.8	1.6
Naphtha for Petro. Feed. Use	0.7	1.3	1.4	-	-	1.2	-	-	0.8
Other Oils for Petro. Feed. Use	0.0	0.7	1.1	-	1.4	0.8	0.2	0.1	0.5
Special Naphthas	0.4	0.5	-	2.9	-	0.4	-	0.0	0.2
Lubricants	0.1	1.1	1.7	7.1	-	1.4	-	0.3	0.9
Waxes	-	0.0	0.1	0.1	-	0.0	-	-	0.0
Petroleum Coke	2.1	6.0	5.3	2.3	0.8	5.3	3.8	5.4	4.9
Asphalt and Road Oil	0.9	0.4	0.4	12.8	2.5	0.8	5.9	1.3	2.2
Still Gas	3.9	4.4	3.8	4.6	2.8	4.1	3.5	5.2	4.2
Miscellaneous Products	0.6	0.7	0.5	0.2	0.3	0.6	0.4	0.5	0.5
Processing Gain(-) or Loss(+) ⁴	-3.6	-7.4	-6.9	1.1	-6.1	-6.7	-4.3	-7.1	-6.3

- = No Data Reported.

¹ Based on net production of finished motor gasoline minus input of natural gas liquids, fuel ethanol, and net input of motor gasoline blending components.

² Based on finished aviation gasoline net production minus net input of aviation gasoline blending components.

³ Based on distillate fuel oil net production minus input of biodiesel, renewable diesel fuel, and other biofuels.

⁴ Represents the arithmetic difference between input and production.

Note: Percent yield is calculated as net production (or adjusted net production) divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Calculated from data on Tables 18 and 19.

Table 23. Percent Yield of Petroleum Products by PAD and Refining Districts, September 2023

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	2.1	0.9	2.0	3.3	0.7	2.5	2.8
Finished Motor Gasoline ¹	47.0	36.1	45.7	51.8	48.8	49.7	51.0
Finished Aviation Gasoline ²	-	-	-	-	0.0	-	0.0
Kerosene-Type Jet Fuel	11.5	-	10.1	8.7	6.1	3.2	7.3
Kerosene	-0.1	0.1	0.0	0.2	-	-0.1	0.1
Distillate Fuel Oil ³	30.3	26.1	29.8	27.2	29.6	38.8	29.7
Residual Fuel Oil	3.4	0.1	3.0	0.9	0.8	0.6	0.9
Naphtha for Petro. Feed. Use	-	-	-	0.6	-	-	0.4
Other Oils for Petro. Feed. Use	-	0.6	0.1	0.4	-	-	0.3
Special Naphthas	-	0.7	0.1	-0.1	-	0.1	0.0
Lubricants	1.0	6.2	1.6	-	-	0.5	0.1
Waxes	-	-0.7	-0.1	-	-	0.1	0.0
Petroleum Coke	3.2	0.7	2.9	5.2	4.2	3.6	4.8
Asphalt and Road Oil	2.1	25.7	5.1	3.7	12.3	1.7	4.3
Still Gas	3.8	1.9	3.6	3.8	3.5	3.7	3.7
Miscellaneous Products	0.3	0.3	0.3	0.4	0.5	0.2	0.4
Processing Gain(-) or Loss(+) ⁴	-4.6	1.4	-3.9	-6.2	-6.4	-4.6	-5.9

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	4.5	5.1	4.9	0.6	1.1	4.8	1.8	2.3	3.8
Finished Motor Gasoline ¹	49.4	42.8	44.9	29.8	52.6	43.7	46.5	50.0	46.5
Finished Aviation Gasoline ²	0.5	0.0	0.2	-	-	0.1	0.0	0.1	0.1
Kerosene-Type Jet Fuel	8.1	10.8	11.1	1.8	-	10.3	5.3	19.0	10.7
Kerosene	-0.1	0.3	0.0	0.2	-	0.2	-	0.0	0.1
Distillate Fuel Oil ³	31.1	32.8	30.4	36.6	41.2	32.0	34.5	19.6	29.6
Residual Fuel Oil	1.5	1.2	1.8	-0.3	-0.3	1.4	2.1	3.1	1.6
Naphtha for Petro. Feed. Use	0.6	1.6	1.5	-	-	1.4	-	-	0.9
Other Oils for Petro. Feed. Use	0.1	0.4	0.9	-	2.0	0.6	0.3	0.1	0.4
Special Naphthas	0.5	0.4	-	2.5	-	0.3	-	0.0	0.2
Lubricants	0.1	0.8	1.7	10.6	-	1.4	-	0.6	0.9
Waxes	-	0.0	0.1	0.2	-	0.0	-	-	0.0
Petroleum Coke	2.3	6.3	5.3	2.1	0.9	5.5	3.4	5.4	5.1
Asphalt and Road Oil	1.0	0.3	0.4	13.3	1.9	0.8	6.1	1.2	2.1
Still Gas	3.6	4.4	3.9	4.2	2.9	4.1	3.5	5.2	4.1
Miscellaneous Products	0.7	0.7	0.5	0.2	0.4	0.6	0.3	0.5	0.5
Processing Gain(-) or Loss(+) ⁴	-3.6	-7.8	-7.3	-1.7	-2.7	-7.1	-3.9	-7.2	-6.6

- = No Data Reported.

¹ Based on net production of finished motor gasoline minus input of natural gas liquids, fuel ethanol, and net input of motor gasoline blending components.

² Based on finished aviation gasoline net production minus net input of aviation gasoline blending components.

³ Based on distillate fuel oil net production minus input of biodiesel, renewable diesel fuel, and other biofuels.

⁴ Represents the arithmetic difference between input and production.

Note: Percent yield is calculated as net production (or adjusted net production) divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Calculated from data on Tables 18 and 19.

Table 23. Percent Yield of Petroleum Products by PAD and Refining Districts, October 2023

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	3.4	0.4	2.9	1.2	-1.3	1.5	1.0
Finished Motor Gasoline ¹	46.5	36.5	45.0	54.9	51.3	49.6	53.3
Finished Aviation Gasoline ²	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	10.2	-	8.6	8.6	6.7	3.2	7.2
Kerosene	0.4	0.1	0.3	0.0	-	-0.1	0.0
Distillate Fuel Oil ³	29.8	25.9	29.2	26.5	28.9	39.9	29.6
Residual Fuel Oil	3.9	0.2	3.3	0.8	1.2	0.7	0.8
Naphtha for Petro. Feed. Use	-	-	-	0.7	-	-	0.5
Other Oils for Petro. Feed. Use	-	0.5	0.1	0.4	-	-	0.3
Special Naphthas	-	0.4	0.1	0.0	-	0.0	0.0
Lubricants	1.1	7.2	2.1	-	-	0.0	0.0
Waxes	-	-0.1	0.0	-	-	0.0	0.0
Petroleum Coke	3.7	0.6	3.2	5.4	7.1	3.3	5.1
Asphalt and Road Oil	3.1	24.1	6.4	3.8	11.3	1.4	4.2
Still Gas	3.9	1.9	3.6	3.8	3.6	3.8	3.8
Miscellaneous Products	0.3	0.5	0.3	0.4	0.4	0.3	0.4
Processing Gain(-) or Loss(+) ⁴	-6.3	1.8	-5.0	-6.5	-9.1	-3.7	-6.2

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	2.7	4.1	5.3	0.2	0.3	4.3	1.2	-0.3	2.7
Finished Motor Gasoline ¹	54.8	42.8	44.8	31.7	55.0	44.1	48.5	50.6	47.4
Finished Aviation Gasoline ²	0.5	0.1	0.2	-	-	0.2	0.0	0.1	0.1
Kerosene-Type Jet Fuel	8.5	10.2	11.3	2.0	-	10.2	5.4	19.1	10.4
Kerosene	-0.1	0.2	0.0	0.2	-	0.1	-	0.0	0.1
Distillate Fuel Oil ³	27.3	34.4	31.1	35.3	37.3	32.8	34.6	20.7	30.3
Residual Fuel Oil	2.4	1.3	1.6	-0.3	1.6	1.4	1.9	3.8	1.7
Naphtha for Petro. Feed. Use	0.4	1.4	1.4	-	-	1.3	-	-	0.8
Other Oils for Petro. Feed. Use	0.0	0.7	0.9	-	1.5	0.7	0.1	0.2	0.5
Special Naphthas	0.1	0.5	-	3.0	-	0.4	-	0.0	0.2
Lubricants	0.0	0.8	1.8	10.3	-	1.4	-	0.5	0.9
Waxes	-	0.0	0.1	0.3	-	0.1	-	-	0.0
Petroleum Coke	1.4	5.8	5.2	2.2	0.7	5.1	3.3	5.1	5.0
Asphalt and Road Oil	1.7	0.2	0.7	14.1	1.8	0.9	6.0	1.3	2.2
Still Gas	3.1	4.0	3.7	4.1	2.5	3.8	3.5	4.9	3.9
Miscellaneous Products	0.7	0.8	0.5	0.2	0.3	0.6	0.4	0.5	0.5
Processing Gain(-) or Loss(+) ⁴	-3.4	-7.2	-8.3	-3.3	-1.0	-7.2	-5.0	-6.5	-6.7

- = No Data Reported.

¹ Based on net production of finished motor gasoline minus input of natural gas liquids, fuel ethanol, and net input of motor gasoline blending components.

² Based on finished aviation gasoline net production minus net input of aviation gasoline blending components.

³ Based on distillate fuel oil net production minus input of biodiesel, renewable diesel fuel, and other biofuels.

⁴ Represents the arithmetic difference between input and production.

Note: Percent yield is calculated as net production (or adjusted net production) divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Calculated from data on Tables 18 and 19.

Table 23. Percent Yield of Petroleum Products by PAD and Refining Districts, November 2023

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	2.5	-0.1	2.2	0.5	-2.2	0.6	0.1
Finished Motor Gasoline ¹	45.5	38.2	44.5	54.2	50.8	51.7	53.1
Finished Aviation Gasoline ²	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	11.1	-	9.7	9.5	5.3	3.5	7.5
Kerosene	0.7	0.1	0.7	0.1	-	0.4	0.2
Distillate Fuel Oil ³	30.4	27.2	30.0	26.9	33.0	38.5	30.6
Residual Fuel Oil	5.1	0.0	4.5	1.0	1.3	0.7	0.9
Naphtha for Petro. Feed. Use	-	-	-	0.6	-	-	0.4
Other Oils for Petro. Feed. Use	-	0.6	0.1	0.4	-	-	0.3
Special Naphthas	-	-0.1	0.0	-0.1	-	0.0	0.0
Lubricants	1.0	6.9	1.7	-	-	0.4	0.1
Waxes	-	-0.4	0.0	-	-	0.1	0.0
Petroleum Coke	3.2	0.6	2.8	5.7	5.0	3.6	5.1
Asphalt and Road Oil	1.7	23.2	4.4	4.1	9.7	1.1	4.2
Still Gas	3.8	1.7	3.5	4.0	3.6	4.0	3.9
Miscellaneous Products	0.2	0.6	0.3	0.5	0.5	0.2	0.4
Processing Gain(-) or Loss(+) ⁴	-5.1	1.4	-4.3	-7.3	-7.1	-4.8	-6.7

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	2.1	3.4	4.6	-0.4	0.4	3.6	0.8	-0.9	2.0
Finished Motor Gasoline ¹	54.3	44.3	43.2	31.8	58.0	44.3	49.0	50.9	47.4
Finished Aviation Gasoline ²	0.5	0.1	0.1	-	-	0.1	0.0	0.0	0.0
Kerosene-Type Jet Fuel	7.3	10.3	10.6	1.8	-	9.9	5.1	19.6	10.4
Kerosene	0.1	0.2	0.0	0.2	-	0.1	0.0	0.0	0.1
Distillate Fuel Oil ³	29.2	33.4	33.6	33.8	37.6	33.3	35.2	20.5	30.9
Residual Fuel Oil	1.6	1.1	1.6	-0.4	0.4	1.3	2.0	4.4	1.8
Naphtha for Petro. Feed. Use	0.5	1.9	1.3	-	-	1.5	-	-	0.9
Other Oils for Petro. Feed. Use	0.0	0.6	0.8	-	1.4	0.7	0.1	0.1	0.4
Special Naphthas	0.1	0.5	-	3.0	-	0.4	-	0.0	0.2
Lubricants	0.1	1.0	1.4	10.4	-	1.3	-	0.3	0.9
Waxes	-	0.0	0.1	0.3	-	0.1	-	-	0.0
Petroleum Coke	1.3	5.9	5.5	1.6	0.9	5.3	3.7	5.1	5.0
Asphalt and Road Oil	1.3	0.2	0.4	12.6	1.9	0.7	4.6	0.9	1.9
Still Gas	3.1	3.8	3.6	4.0	2.9	3.7	3.5	5.1	3.9
Miscellaneous Products	0.7	0.7	0.5	0.2	0.3	0.6	0.4	0.5	0.5
Processing Gain(-) or Loss(+) ⁴	-2.4	-7.4	-7.1	1.1	-3.8	-6.7	-4.3	-6.5	-6.5

- = No Data Reported.

¹ Based on net production of finished motor gasoline minus input of natural gas liquids, fuel ethanol, and net input of motor gasoline blending components.

² Based on finished aviation gasoline net production minus net input of aviation gasoline blending components.

³ Based on distillate fuel oil net production minus input of biodiesel, renewable diesel fuel, and other biofuels.

⁴ Represents the arithmetic difference between input and production.

Note: Percent yield is calculated as net production (or adjusted net production) divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Calculated from data on Tables 18 and 19.

Table 23. Percent Yield of Petroleum Products by PAD and Refining Districts, December 2023

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	1.3	-0.2	1.1	0.6	-2.1	0.1	0.1
Finished Motor Gasoline ¹	48.6	38.4	47.4	53.7	52.0	53.1	53.3
Finished Aviation Gasoline ²	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	13.1	-	11.6	9.3	5.5	3.3	7.4
Kerosene	0.3	0.1	0.3	0.2	-	0.3	0.2
Distillate Fuel Oil ³	28.3	26.9	28.1	28.0	32.4	37.8	30.8
Residual Fuel Oil	5.0	0.0	4.5	0.8	1.2	0.6	0.8
Naphtha for Petro. Feed. Use	-	-	-	0.7	-	-	0.4
Other Oils for Petro. Feed. Use	-	0.5	0.1	0.4	-	-	0.3
Special Naphthas	-	-0.1	0.0	0.0	-	0.1	0.0
Lubricants	0.7	6.7	1.4	-	-	0.9	0.2
Waxes	-	-0.3	0.0	-	-	0.2	0.1
Petroleum Coke	3.1	0.6	2.8	5.3	5.2	3.5	4.9
Asphalt and Road Oil	1.3	23.1	3.8	3.2	8.5	1.1	3.5
Still Gas	3.9	1.8	3.7	3.7	3.6	3.6	3.7
Miscellaneous Products	0.2	0.8	0.3	0.5	0.7	0.2	0.4
Processing Gain(-) or Loss(+) ⁴	-5.7	1.7	-4.9	-6.4	-7.0	-4.6	-6.1

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	1.2	3.8	4.3	-0.3	0.1	3.7	0.1	-0.5	2.0
Finished Motor Gasoline ¹	55.0	44.2	43.8	32.4	59.9	44.6	49.4	51.2	47.9
Finished Aviation Gasoline ²	0.5	0.1	0.1	-	-	0.1	0.0	0.1	0.1
Kerosene-Type Jet Fuel	7.2	10.7	10.5	1.8	-	10.0	5.4	20.7	10.7
Kerosene	0.0	0.3	0.0	0.3	-	0.2	-	0.0	0.1
Distillate Fuel Oil ³	30.2	32.0	34.3	36.2	34.5	32.9	34.9	19.6	30.5
Residual Fuel Oil	1.5	1.4	1.5	-0.3	2.1	1.4	1.9	3.4	1.7
Naphtha for Petro. Feed. Use	0.5	1.9	0.9	-	-	1.3	-	-	0.8
Other Oils for Petro. Feed. Use	0.0	0.7	0.9	-	1.4	0.7	0.2	0.1	0.5
Special Naphthas	0.4	0.4	-	3.0	-	0.3	-	0.0	0.2
Lubricants	0.1	1.0	1.5	11.3	-	1.4	-	0.5	1.0
Waxes	-	0.0	0.1	0.4	-	0.1	-	-	0.0
Petroleum Coke	1.6	5.3	5.4	2.3	1.0	5.0	3.9	5.3	4.8
Asphalt and Road Oil	1.2	0.2	0.2	11.8	0.7	0.6	4.8	1.0	1.6
Still Gas	3.3	3.8	3.4	4.8	3.2	3.6	3.6	5.1	3.8
Miscellaneous Products	0.6	0.6	0.5	0.3	0.2	0.6	0.3	0.6	0.5
Processing Gain(-) or Loss(+) ⁴	-3.2	-6.4	-7.3	-3.8	-2.9	-6.4	-4.4	-7.1	-6.3

- = No Data Reported.

¹ Based on net production of finished motor gasoline minus input of natural gas liquids, fuel ethanol, and net input of motor gasoline blending components.

² Based on finished aviation gasoline net production minus net input of aviation gasoline blending components.

³ Based on distillate fuel oil net production minus input of biodiesel, renewable diesel fuel, and other biofuels.

⁴ Represents the arithmetic difference between input and production.

Note: Percent yield is calculated as net production (or adjusted net production) divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Calculated from data on Tables 18 and 19.

Table 24. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, January 2023
(Thousand Barrels)

PAD District and State of Entry	Residual Fuel Oil			
	Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
PAD District 1	—	579	2,192	2,771
Connecticut	—	—	—	—
Delaware	—	—	—	—
Florida	—	127	911	1,038
Georgia	—	60	—	60
Maine	—	—	—	—
Maryland	—	—	61	61
Massachusetts	—	—	—	—
New Hampshire	—	—	—	—
New Jersey	—	298	1,180	1,478
New York	—	—	—	—
North Carolina	—	—	—	—
Pennsylvania	—	—	40	40
Rhode Island	—	—	—	—
South Carolina	—	94	—	94
Vermont	—	—	—	—
Virginia	—	—	—	—
West Virginia	—	—	—	—
PAD District 2	—	7	119	126
Illinois	—	—	—	—
Indiana	—	—	—	—
Michigan	—	—	95	95
Minnesota	—	2	—	2
North Dakota	—	5	24	29
Ohio	—	—	—	—
Wisconsin	—	—	—	—
PAD District 3	65	368	1,471	1,904
Alabama	—	—	—	—
Louisiana	65	368	—	433
Mississippi	—	—	306	306
New Mexico	—	—	—	—
Texas	—	—	1,165	1,165
PAD District 4	—	—	—	—
Idaho	—	—	—	—
Montana	—	—	—	—
PAD District 5	240	76	—	316
Alaska	—	—	—	—
California	240	—	—	240
Hawaii	—	—	—	—
Oregon	—	—	—	—
Washington	—	76	—	76
U.S. Total	305	1,030	3,782	5,117

— = No Data Reported.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 24. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, February 2023
(Thousand Barrels)

PAD District and State of Entry	Residual Fuel Oil			
	Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
PAD District 1	473	895	669	2,037
Connecticut	-	-	-	-
Delaware	-	-	-	-
Florida	-	48	669	717
Georgia	-	-	-	-
Maine	-	-	-	-
Maryland	-	-	-	-
Massachusetts	-	-	-	-
New Hampshire	-	-	-	-
New Jersey	-	847	-	847
New York	-	-	-	-
North Carolina	-	-	-	-
Pennsylvania	473	-	-	473
Rhode Island	-	-	-	-
South Carolina	-	-	-	-
Vermont	-	-	-	-
Virginia	-	-	-	-
West Virginia	-	-	-	-
PAD District 2	-	8	56	64
Illinois	-	-	-	-
Indiana	-	-	-	-
Michigan	-	-	-	-
Minnesota	-	3	-	3
North Dakota	-	5	56	61
Ohio	-	-	-	-
Wisconsin	-	-	-	-
PAD District 3	-	202	2,109	2,311
Alabama	-	-	-	-
Louisiana	-	202	246	448
Mississippi	-	-	301	301
New Mexico	-	-	-	-
Texas	-	-	1,562	1,562
PAD District 4	0	-	11	11
Idaho	0	-	11	11
Montana	-	-	-	-
PAD District 5	-	1,206	37	1,243
Alaska	-	-	-	-
California	-	605	-	605
Hawaii	-	-	-	-
Oregon	-	-	-	-
Washington	-	601	37	638
U.S. Total	473	2,311	2,882	5,666

- = No Data Reported.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 24. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, March 2023
(Thousand Barrels)

PAD District and State of Entry	Residual Fuel Oil			
	Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
PAD District 1	525	546	963	2,034
Connecticut	-	-	-	-
Delaware	204	-	-	204
Florida	-	129	834	963
Georgia	-	-	-	-
Maine	-	-	-	-
Maryland	-	-	-	-
Massachusetts	-	-	-	-
New Hampshire	-	-	-	-
New Jersey	-	417	80	497
New York	-	-	49	49
North Carolina	-	-	-	-
Pennsylvania	321	-	-	321
Rhode Island	-	-	-	-
South Carolina	-	-	-	-
Vermont	-	-	-	-
Virginia	-	-	-	-
West Virginia	-	-	-	-
PAD District 2	-	7	25	32
Illinois	-	-	-	-
Indiana	-	-	-	-
Michigan	-	-	-	-
Minnesota	-	3	-	3
North Dakota	-	4	25	29
Ohio	-	-	-	-
Wisconsin	-	-	-	-
PAD District 3	-	-	1,328	1,328
Alabama	-	-	-	-
Louisiana	-	-	-	-
Mississippi	-	-	300	300
New Mexico	-	-	-	-
Texas	-	-	1,028	1,028
PAD District 4	-	4	-	4
Idaho	-	4	-	4
Montana	-	-	-	-
PAD District 5	-	-	-	-
Alaska	-	-	-	-
California	-	-	-	-
Hawaii	-	-	-	-
Oregon	-	-	-	-
Washington	-	-	-	-
U.S. Total	525	557	2,316	3,398

- = No Data Reported.
Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 24. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, April 2023
(Thousand Barrels)

PAD District and State of Entry	Residual Fuel Oil			
	Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
PAD District 1	-	66	687	753
Connecticut	-	-	-	-
Delaware	-	-	-	-
Florida	-	-	73	73
Georgia	-	66	-	66
Maine	-	-	-	-
Maryland	-	-	-	-
Massachusetts	-	-	-	-
New Hampshire	-	-	-	-
New Jersey	-	-	351	351
New York	-	-	263	263
North Carolina	-	-	-	-
Pennsylvania	-	-	-	-
Rhode Island	-	-	-	-
South Carolina	-	-	-	-
Vermont	-	-	-	-
Virginia	-	-	-	-
West Virginia	-	-	-	-
PAD District 2	-	7	108	115
Illinois	-	-	-	-
Indiana	-	-	-	-
Michigan	-	-	92	92
Minnesota	-	3	-	3
North Dakota	-	4	16	20
Ohio	-	-	-	-
Wisconsin	-	-	-	-
PAD District 3	-	495	1,188	1,683
Alabama	-	-	-	-
Louisiana	-	313	-	313
Mississippi	-	-	-	-
New Mexico	-	-	-	-
Texas	-	182	1,188	1,370
PAD District 4	-	-	-	-
Idaho	-	-	-	-
Montana	-	-	-	-
PAD District 5	313	139	-	452
Alaska	-	-	-	-
California	274	-	-	274
Hawaii	-	-	-	-
Oregon	-	-	-	-
Washington	39	139	-	178
U.S. Total	313	707	1,983	3,003

- = No Data Reported.
Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 24. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, May 2023
(Thousand Barrels)

PAD District and State of Entry	Residual Fuel Oil		
	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
PAD District 1	53	1,496	1,549
Connecticut	-	-	-
Delaware	-	-	-
Florida	-	831	831
Georgia	-	100	100
Maine	-	-	-
Maryland	-	-	-
Massachusetts	-	-	-
New Hampshire	-	-	-
New Jersey	-	511	511
New York	-	-	-
North Carolina	-	-	-
Pennsylvania	-	-	-
Rhode Island	-	-	-
South Carolina	53	54	107
Vermont	-	-	-
Virginia	-	-	-
West Virginia	-	-	-
PAD District 2	6	29	35
Illinois	-	-	-
Indiana	-	-	-
Michigan	-	29	29
Minnesota	1	-	1
North Dakota	5	-	5
Ohio	-	-	-
Wisconsin	-	-	-
PAD District 3	-	937	937
Alabama	-	-	-
Louisiana	-	-	-
Mississippi	-	-	-
New Mexico	-	-	-
Texas	-	937	937
PAD District 4	-	-	-
Idaho	-	-	-
Montana	-	-	-
PAD District 5	162	-	162
Alaska	-	-	-
California	78	-	78
Hawaii	-	-	-
Oregon	-	-	-
Washington	84	-	84
U.S. Total	221	2,462	2,683

- = No Data Reported.
Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 24. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, June 2023
(Thousand Barrels)

PAD District and State of Entry	Residual Fuel Oil			
	Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
PAD District 1	—	121	435	556
Connecticut	—	—	—	—
Delaware	—	—	—	—
Florida	—	—	206	206
Georgia	—	—	—	—
Maine	—	—	—	—
Maryland	—	—	—	—
Massachusetts	—	—	—	—
New Hampshire	—	—	—	—
New Jersey	—	—	229	229
New York	—	—	—	—
North Carolina	—	—	—	—
Pennsylvania	—	120	—	120
Rhode Island	—	—	—	—
South Carolina	—	—	—	—
Vermont	—	1	—	1
Virginia	—	—	—	—
West Virginia	—	—	—	—
PAD District 2	—	9	70	79
Illinois	—	—	—	—
Indiana	—	—	—	—
Michigan	—	—	69	69
Minnesota	—	—	—	—
North Dakota	—	9	1	10
Ohio	—	—	—	—
Wisconsin	—	—	—	—
PAD District 3	—	263	1,520	1,783
Alabama	—	—	—	—
Louisiana	—	—	—	—
Mississippi	—	—	—	—
New Mexico	—	—	—	—
Texas	—	263	1,520	1,783
PAD District 4	—	—	—	—
Idaho	—	—	—	—
Montana	—	—	—	—
PAD District 5	305	381	—	686
Alaska	—	—	—	—
California	305	335	—	640
Hawaii	—	—	—	—
Oregon	—	—	—	—
Washington	—	46	—	46
U.S. Total	305	774	2,025	3,104

— = No Data Reported.
Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 24. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, July 2023
(Thousand Barrels)

PAD District and State of Entry	Residual Fuel Oil		
	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
PAD District 1	46	782	828
Connecticut	-	-	-
Delaware	-	-	-
Florida	-	522	522
Georgia	-	-	-
Maine	-	-	-
Maryland	-	-	-
Massachusetts	-	-	-
New Hampshire	-	-	-
New Jersey	-	151	151
New York	-	-	-
North Carolina	-	-	-
Pennsylvania	-	109	109
Rhode Island	-	-	-
South Carolina	-	-	-
Vermont	46	-	46
Virginia	-	-	-
West Virginia	-	-	-
PAD District 2	10	78	88
Illinois	-	-	-
Indiana	-	-	-
Michigan	-	33	33
Minnesota	4	-	4
North Dakota	6	45	51
Ohio	-	-	-
Wisconsin	-	-	-
PAD District 3	-	1,380	1,380
Alabama	-	-	-
Louisiana	-	-	-
Mississippi	-	-	-
New Mexico	-	-	-
Texas	-	1,380	1,380
PAD District 4	-	-	-
Idaho	-	-	-
Montana	-	-	-
PAD District 5	99	38	137
Alaska	-	-	-
California	49	-	49
Hawaii	-	-	-
Oregon	-	-	-
Washington	50	38	88
U.S. Total	155	2,278	2,433

- = No Data Reported.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 24. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, August 2023
(Thousand Barrels)

PAD District and State of Entry	Residual Fuel Oil		
	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
PAD District 1	251	675	926
Connecticut	-	-	-
Delaware	-	-	-
Florida	-	-	-
Georgia	-	-	-
Maine	-	-	-
Maryland	-	-	-
Massachusetts	-	-	-
New Hampshire	-	-	-
New Jersey	159	663	822
New York	92	12	104
North Carolina	-	-	-
Pennsylvania	-	-	-
Rhode Island	-	-	-
South Carolina	-	-	-
Vermont	-	-	-
Virginia	-	-	-
West Virginia	-	-	-
PAD District 2	5	69	74
Illinois	-	-	-
Indiana	-	-	-
Michigan	-	15	15
Minnesota	2	-	2
North Dakota	3	54	57
Ohio	-	-	-
Wisconsin	-	-	-
PAD District 3	425	759	1,184
Alabama	-	-	-
Louisiana	-	-	-
Mississippi	-	-	-
New Mexico	-	-	-
Texas	425	759	1,184
PAD District 4	-	-	-
Idaho	-	-	-
Montana	-	-	-
PAD District 5	63	-	63
Alaska	-	-	-
California	-	-	-
Hawaii	-	-	-
Oregon	-	-	-
Washington	63	-	63
U.S. Total	744	1,503	2,247

- = No Data Reported.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 24. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, September 2023
(Thousand Barrels)

PAD District and State of Entry	Residual Fuel Oil			
	Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
PAD District 1	-	149	1,593	1,742
Connecticut	-	-	-	-
Delaware	-	-	-	-
Florida	-	-	200	200
Georgia	-	49	-	49
Maine	-	-	-	-
Maryland	-	-	-	-
Massachusetts	-	-	-	-
New Hampshire	-	-	-	-
New Jersey	-	100	1,322	1,422
New York	-	-	17	17
North Carolina	-	-	-	-
Pennsylvania	-	-	-	-
Rhode Island	-	-	-	-
South Carolina	-	-	54	54
Vermont	-	-	-	-
Virginia	-	-	-	-
West Virginia	-	-	-	-
PAD District 2	-	7	77	84
Illinois	-	-	-	-
Indiana	-	-	-	-
Michigan	-	-	14	14
Minnesota	-	-	-	-
North Dakota	-	7	63	70
Ohio	-	-	-	-
Wisconsin	-	-	-	-
PAD District 3	380	791	682	1,853
Alabama	-	-	-	-
Louisiana	-	526	-	526
Mississippi	-	-	-	-
New Mexico	-	-	-	-
Texas	380	265	682	1,327
PAD District 4	-	-	-	-
Idaho	-	-	-	-
Montana	-	-	-	-
PAD District 5	-	61	-	61
Alaska	-	-	-	-
California	-	-	-	-
Hawaii	-	-	-	-
Oregon	-	-	-	-
Washington	-	61	-	61
U.S. Total	380	1,008	2,352	3,740

- = No Data Reported.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 24. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, October 2023
(Thousand Barrels)

PAD District and State of Entry	Residual Fuel Oil			
	Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
PAD District 1	171	468	492	1,131
Connecticut	-	-	-	-
Delaware	-	-	-	-
Florida	-	145	-	145
Georgia	-	-	251	251
Maine	-	-	-	-
Maryland	-	-	-	-
Massachusetts	-	-	-	-
New Hampshire	-	-	-	-
New Jersey	171	323	217	711
New York	-	-	24	24
North Carolina	-	-	-	-
Pennsylvania	-	-	-	-
Rhode Island	-	-	-	-
South Carolina	-	-	-	-
Vermont	-	-	-	-
Virginia	-	-	-	-
West Virginia	-	-	-	-
PAD District 2	-	14	188	202
Illinois	-	-	-	-
Indiana	-	-	-	-
Michigan	-	-	120	120
Minnesota	-	9	-	9
North Dakota	-	5	68	73
Ohio	-	-	-	-
Wisconsin	-	-	-	-
PAD District 3	-	414	1,248	1,662
Alabama	-	-	-	-
Louisiana	-	414	210	624
Mississippi	-	-	-	-
New Mexico	-	-	-	-
Texas	-	-	1,038	1,038
PAD District 4	-	-	-	-
Idaho	-	-	-	-
Montana	-	-	-	-
PAD District 5	-	275	-	275
Alaska	-	-	-	-
California	-	224	-	224
Hawaii	-	-	-	-
Oregon	-	-	-	-
Washington	-	51	-	51
U.S. Total	171	1,171	1,928	3,270

- = No Data Reported.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 24. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, November 2023
(Thousand Barrels)

PAD District and State of Entry	Residual Fuel Oil			
	Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
PAD District 1	-	-	597	597
Connecticut	-	-	-	-
Delaware	-	-	-	-
Florida	-	-	313	313
Georgia	-	-	-	-
Maine	-	-	-	-
Maryland	-	-	-	-
Massachusetts	-	-	-	-
New Hampshire	-	-	-	-
New Jersey	-	-	202	202
New York	-	-	82	82
North Carolina	-	-	-	-
Pennsylvania	-	-	-	-
Rhode Island	-	-	-	-
South Carolina	-	-	-	-
Vermont	-	-	-	-
Virginia	-	-	-	-
West Virginia	-	-	-	-
PAD District 2	-	9	115	124
Illinois	-	-	-	-
Indiana	-	-	-	-
Michigan	-	-	37	37
Minnesota	-	2	-	2
North Dakota	-	7	78	85
Ohio	-	-	-	-
Wisconsin	-	-	-	-
PAD District 3	-	362	1,274	1,636
Alabama	-	-	-	-
Louisiana	-	354	-	354
Mississippi	-	-	-	-
New Mexico	-	-	-	-
Texas	-	8	1,274	1,282
PAD District 4	-	-	-	-
Idaho	-	-	-	-
Montana	-	-	-	-
PAD District 5	370	14	-	384
Alaska	-	-	-	-
California	370	-	-	370
Hawaii	-	-	-	-
Oregon	-	-	-	-
Washington	-	14	-	14
U.S. Total	370	385	1,986	2,741

- = No Data Reported.
Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 24. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, December 2023
(Thousand Barrels)

PAD District and State of Entry	Residual Fuel Oil			
	Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
PAD District 1	—	—	1,074	1,074
Connecticut	—	—	—	—
Delaware	—	—	—	—
Florida	—	—	760	760
Georgia	—	—	—	—
Maine	—	—	—	—
Maryland	—	—	—	—
Massachusetts	—	—	—	—
New Hampshire	—	—	—	—
New Jersey	—	—	277	277
New York	—	—	37	37
North Carolina	—	—	—	—
Pennsylvania	—	—	—	—
Rhode Island	—	—	—	—
South Carolina	—	—	—	—
Vermont	—	—	—	—
Virginia	—	—	—	—
West Virginia	—	—	—	—
PAD District 2	—	7	145	152
Illinois	—	—	—	—
Indiana	—	—	—	—
Michigan	—	—	46	46
Minnesota	—	2	—	2
North Dakota	—	5	99	104
Ohio	—	—	—	—
Wisconsin	—	—	—	—
PAD District 3	—	13	956	969
Alabama	—	—	—	—
Louisiana	—	—	—	—
Mississippi	—	—	—	—
New Mexico	—	—	—	—
Texas	—	13	956	969
PAD District 4	—	7	—	7
Idaho	—	—	—	—
Montana	—	7	—	7
PAD District 5	491	89	—	580
Alaska	—	—	—	—
California	491	—	—	491
Hawaii	—	—	—	—
Oregon	—	—	—	—
Washington	—	89	—	89
U.S. Total	491	116	2,175	2,782

— = No Data Reported.
Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 25. Imports of Crude Oil and Petroleum Products by PAD District, January 2023
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	17,036	82,041	52,182	9,022	35,031	195,312	6,300
Hydrocarbon Gas Liquids	1,753	2,457	–	1,102	1,838	7,150	231
Natural Gas Liquids	1,458	2,199	–	1,101	1,838	6,596	213
Ethane	–	–	–	–	–	–	–
Propane	1,406	1,418	–	1,010	1,326	5,160	166
Normal Butane	47	601	–	89	512	1,249	40
Isobutane	5	178	–	–	–	183	6
Natural Gasoline	–	2	–	2	–	4	0
Refinery Olefins	295	258	–	1	–	554	18
Ethylene	–	–	–	–	–	–	–
Propylene	295	166	–	1	–	462	15
Normal Butylene	–	92	–	–	–	92	3
Isobutylene	–	–	–	–	–	–	–
Other Liquids	15,086	870	14,135	163	2,823	33,077	1,067
Hydrogen/Biofuels/Other Hydrocarbons	561	90	163	12	737	1,563	50
Hydrogen	–	–	–	–	–	–	–
Biofuels (including Fuel Ethanol)	561	90	163	12	737	1,563	50
Fuel Ethanol	–	–	–	–	–	–	–
Biodiesel	561	90	163	12	104	930	30
Renewable Diesel Fuel	–	–	–	–	633	633	20
Other Biofuels ³	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	0	–	–	0	0
Unfinished Oils ¹	1,730	–	12,944	–	1,629	16,303	526
Naphthas and Lighter	350	–	317	–	–	667	22
Kerosene and Lighter Gas Oils	–	–	–	–	–	–	–
Heavy Gas Oils	1,080	–	6,510	–	1,375	8,965	289
Residuum	300	–	6,117	–	254	6,671	215
Motor Gasoline Blend.Comp. (MGBC)	12,795	780	1,028	151	457	15,211	491
Reformulated - RBOB	4,432	–	–	–	–	4,432	143
Conventional	8,363	780	1,028	151	457	10,779	348
CBOB	1,572	132	–	–	–	1,704	55
GTAB	1,968	–	–	–	–	1,968	63
Other	4,823	648	1,028	151	457	7,107	229
Aviation Gasoline Blend. Comp.	–	–	–	–	–	–	–
Finished Petroleum Products	16,254	1,650	4,345	70	3,442	25,761	831
Finished Motor Gasoline	3,220	–	–	–	131	3,351	108
Reformulated	–	–	–	–	–	–	–
Reformulated Blended with Fuel Ethanol	–	–	–	–	–	–	–
Reformulated Other	–	–	–	–	–	–	–
Conventional	3,220	–	–	–	131	3,351	108
Conventional Blended with Fuel Ethanol	–	–	–	–	–	–	–
Ed55 and Lower	–	–	–	–	–	–	–
Greater than Ed55	–	–	–	–	–	–	–
Conventional Other	3,220	–	–	–	131	3,351	108
Finished Aviation Gasoline	–	3	–	–	1	4	0
Kerosene-Type Jet Fuel	1,054	–	–	10	2,513	3,577	115
Bonded Aircraft Fuel	–	–	–	–	594	594	19
Other	1,054	–	–	10	1,919	2,983	96
Kerosene	0	–	–	–	–	0	0
Distillate Fuel Oil	8,071	451	300	–	174	8,996	290
15 ppm sulfur and under	7,940	447	300	–	174	8,861	286
Bonded	–	–	–	–	–	–	–
Other	7,940	447	300	–	174	8,861	286
Greater than 15 ppm to 500 ppm sulfur	–	3	–	–	–	3	0
Bonded	–	–	–	–	–	–	–
Other	–	3	–	–	–	3	0
Greater than 500 ppm to 2000 ppm sulfur	131	1	–	–	–	132	4
Bonded	–	–	–	–	–	–	–
Other	131	1	–	–	–	132	4
Greater than 2000 ppm	–	–	–	–	–	–	–
Bonded	–	–	–	–	–	–	–
Other	–	–	–	–	–	–	–
Residual Fuel Oil	2,771	126	1,904	–	316	5,117	165
Less than 0.31 percent sulfur	–	–	65	–	240	305	10
0.31 to 1.00 percent sulfur	579	7	368	–	76	1,030	33
Greater than 1.00 percent sulfur	2,192	119	1,471	–	–	3,782	122
Petrochemical Feedstocks	94	183	167	–	38	482	16
Naphtha for Petro. Feed. Use	93	105	55	–	38	291	9
Other Oils for Petro. Feed. Use	1	78	112	–	–	191	6
Special Naphthas	3	3	567	1	37	611	20
Lubricants	95	217	923	–	5	1,240	40
Waxes	94	15	8	–	13	130	4
Petroleum Coke (Marketable)	–	14	476	–	–	490	16
Asphalt and Road Oil	852	638	–	59	214	1,763	57
Miscellaneous Products	–	–	–	–	–	–	–
Total	50,129	87,018	70,662	10,357	43,134	261,300	8,429

-- = Not Applicable.

– = No Data Reported.

¹ Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 25. Imports of Crude Oil and Petroleum Products by PAD District, February 2023
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	16,337	77,138	50,288	8,762	33,136	185,661	6,631
Hydrocarbon Gas Liquids	1,730	2,314	3	893	1,582	6,522	233
Natural Gas Liquids	1,465	2,004	3	893	1,582	5,947	212
Ethane	—	—	—	—	—	—	—
Propane	1,463	1,452	—	882	1,024	4,821	172
Normal Butane	2	398	3	9	548	960	34
Isobutane	—	152	—	—	10	162	6
Natural Gasoline	—	2	—	2	—	4	0
Refinery Olefins	265	310	—	—	—	575	21
Ethylene	—	—	—	—	—	—	—
Propylene	265	142	—	—	—	407	15
Normal Butylene	—	168	—	—	—	168	6
Isobutylene	—	—	—	—	—	—	—
Other Liquids	14,143	660	14,020	108	3,585	32,516	1,161
Hydrogen/Biofuels/Other Hydrocarbons	510	92	240	8	648	1,498	54
Hydrogen	—	—	—	—	—	—	—
Biofuels (including Fuel Ethanol)	510	92	240	8	648	1,498	54
Fuel Ethanol	—	—	—	—	—	—	—
Biodiesel	510	92	240	8	102	952	34
Renewable Diesel Fuel	—	—	—	—	546	546	20
Other Biofuels ³	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—
Unfinished Oils ¹	1,190	—	12,238	—	2,134	15,562	556
Naphthas and Lighter	801	—	—	—	—	801	29
Kerosene and Lighter Gas Oils	—	—	—	—	—	—	—
Heavy Gas Oils	250	—	7,970	—	2,134	10,354	370
Residuum	139	—	4,268	—	—	4,407	157
Motor Gasoline Blend.Comp. (MGBC)	12,443	568	1,542	100	803	15,456	552
Reformulated - RBOB	4,185	—	—	—	142	4,327	155
Conventional	8,258	568	1,542	100	661	11,129	397
CBOB	1,016	85	—	—	—	1,101	39
GTAB	847	—	—	—	—	847	30
Other	6,395	483	1,542	100	661	9,181	328
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	14,377	1,390	3,969	192	5,385	25,313	904
Finished Motor Gasoline	1,790	—	5	—	330	2,125	76
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	1,790	—	5	—	330	2,125	76
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	1,790	—	5	—	330	2,125	76
Finished Aviation Gasoline	18	6	—	—	—	24	1
Kerosene-Type Jet Fuel	2,314	—	—	44	2,907	5,265	188
Bonded Aircraft Fuel	66	—	—	—	1,079	1,145	41
Other	2,248	—	—	44	1,828	4,120	147
Kerosene	—	—	—	—	—	—	—
Distillate Fuel Oil	7,438	201	—	36	726	8,401	300
15 ppm sulfur and under	7,438	183	—	36	726	8,383	299
Bonded	—	—	—	—	—	—	—
Other	7,438	183	—	36	726	8,383	299
Greater than 15 ppm to 500 ppm sulfur	—	2	—	—	—	2	0
Bonded	—	—	—	—	—	—	—
Other	—	2	—	—	—	2	0
Greater than 500 ppm to 2000 ppm sulfur	—	16	—	—	—	16	1
Bonded	—	—	—	—	—	—	—
Other	—	16	—	—	—	16	1
Greater than 2000 ppm	—	—	—	—	—	—	—
Bonded	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—
Residual Fuel Oil	2,037	64	2,311	11	1,243	5,666	202
Less than 0.31 percent sulfur	473	—	—	0	—	473	17
0.31 to 1.00 percent sulfur	895	8	202	—	1,206	2,311	83
Greater than 1.00 percent sulfur	669	56	2,109	11	37	2,882	103
Petrochemical Feedstocks	34	163	219	—	28	444	16
Naphtha for Petro. Feed. Use	2	88	121	—	28	239	9
Other Oils for Petro. Feed. Use	32	75	98	—	—	205	7
Special Naphthas	1	1	146	—	37	185	7
Lubricants	124	242	1,031	—	40	1,437	51
Waxes	75	12	—	—	6	93	3
Petroleum Coke (Marketable)	—	14	257	—	—	271	10
Asphalt and Road Oil	546	687	—	101	68	1,402	50
Miscellaneous Products	—	—	—	—	—	—	—
Total	46,587	81,502	68,280	9,955	43,688	250,012	8,929

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 25. Imports of Crude Oil and Petroleum Products by PAD District, March 2023
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	16,177	81,133	51,409	8,153	38,525	195,397	6,303
Hydrocarbon Gas Liquids	1,690	2,032	6	812	1,731	6,271	202
Natural Gas Liquids	1,406	1,716	6	812	1,731	5,671	183
Ethane	—	—	—	—	—	—	—
Propane	1,398	961	—	811	1,142	4,312	139
Normal Butane	—	414	6	1	588	1,009	33
Isobutane	8	338	—	—	1	347	11
Natural Gasoline	—	3	—	—	—	3	0
Refinery Olefins	284	316	—	—	—	600	19
Ethylene	—	—	—	—	—	—	—
Propylene	284	164	—	—	—	448	14
Normal Butylene	—	152	—	—	—	152	5
Isobutylene	—	—	—	—	—	—	—
Other Liquids	11,923	643	16,656	143	4,136	33,501	1,081
Hydrogen/Biofuels/Other Hydrocarbons	441	119	271	14	857	1,702	55
Hydrogen	—	—	—	—	—	—	—
Biofuels (including Fuel Ethanol)	441	119	271	14	857	1,702	55
Fuel Ethanol	—	—	—	—	—	—	—
Biodiesel	441	119	218	14	124	916	30
Renewable Diesel Fuel	—	—	53	—	733	786	25
Other Biofuels ³	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—
Unfinished Oils ¹	1,395	—	14,843	—	76	16,314	526
Naphthas and Lighter	728	—	—	—	—	728	23
Kerosene and Lighter Gas Oils	—	—	—	—	—	—	—
Heavy Gas Oils	—	—	7,163	—	38	7,201	232
Residuum	667	—	7,680	—	38	8,385	270
Motor Gasoline Blend.Comp. (MGBC)	10,087	524	1,542	129	3,203	15,485	500
Reformulated - RBOB	3,829	—	292	—	316	4,437	143
Conventional	6,258	524	1,250	129	2,887	11,048	356
CBOB	1,194	45	—	—	629	1,868	60
GTAB	1,403	—	—	—	401	1,804	58
Other	3,661	479	1,250	129	1,857	7,376	238
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	10,127	1,666	3,536	232	4,791	20,352	657
Finished Motor Gasoline	1,883	—	—	—	1,019	2,902	94
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	1,883	—	—	—	1,019	2,902	94
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	1,883	—	—	—	1,019	2,902	94
Finished Aviation Gasoline	—	3	—	—	1	4	0
Kerosene-Type Jet Fuel	1,148	—	—	76	3,262	4,486	145
Bonded Aircraft Fuel	35	—	—	—	1,052	1,087	35
Other	1,113	—	—	76	2,210	3,399	110
Kerosene	—	—	—	—	—	—	—
Distillate Fuel Oil	3,958	258	240	49	308	4,813	155
15 ppm sulfur and under	3,956	221	240	49	308	4,774	154
Bonded	—	—	240	—	—	240	8
Other	3,956	221	—	49	308	4,534	146
Greater than 15 ppm to 500 ppm sulfur	2	7	—	—	—	9	0
Bonded	—	—	—	—	—	—	—
Other	2	7	—	—	—	9	0
Greater than 500 ppm to 2000 ppm sulfur	—	30	—	—	—	30	1
Bonded	—	—	—	—	—	—	—
Other	—	30	—	—	—	30	1
Greater than 2000 ppm	—	—	—	—	—	—	—
Bonded	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—
Residual Fuel Oil	2,034	32	1,328	4	—	3,398	110
Less than 0.31 percent sulfur	525	—	—	—	—	525	17
0.31 to 1.00 percent sulfur	546	7	—	4	—	557	18
Greater than 1.00 percent sulfur	963	25	1,328	—	—	2,316	75
Petrochemical Feedstocks	3	151	354	—	—	508	16
Naphtha for Petro. Feed. Use	2	86	233	—	—	321	10
Other Oils for Petro. Feed. Use	1	65	121	—	—	187	6
Special Naphthas	3	6	490	—	23	522	17
Lubricants	148	286	844	—	67	1,345	43
Waxes	107	10	16	—	7	140	5
Petroleum Coke (Marketable)	—	8	264	—	—	272	9
Asphalt and Road Oil	843	912	—	103	104	1,962	63
Miscellaneous Products	—	—	—	—	—	—	—
Total	39,917	85,474	71,607	9,340	49,183	255,521	8,243

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 25. Imports of Crude Oil and Petroleum Products by PAD District, April 2023
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	20,051	73,588	47,790	6,010	39,169	186,608	6,220
Hydrocarbon Gas Liquids	829	1,428	—	473	1,520	4,250	142
Natural Gas Liquids	522	1,219	—	473	1,520	3,734	124
Ethane	—	—	—	—	—	—	—
Propane	462	625	—	473	902	2,462	82
Normal Butane	58	296	—	—	618	972	32
Isobutane	2	295	—	—	—	297	10
Natural Gasoline	—	3	—	—	—	3	0
Refinery Olefins	307	209	—	—	—	516	17
Ethylene	—	—	—	—	—	—	—
Propylene	307	106	—	—	—	413	14
Normal Butylene	—	103	—	—	—	103	3
Isobutylene	—	—	—	—	—	—	—
Other Liquids	20,813	417	17,180	84	4,222	42,716	1,424
Hydrogen/Biofuels/Other Hydrocarbons	374	108	360	14	564	1,420	47
Hydrogen	—	—	—	—	—	—	—
Biofuels (including Fuel Ethanol)	374	108	360	14	564	1,420	47
Fuel Ethanol	—	—	—	—	—	—	—
Biodiesel	374	108	360	14	144	1,000	33
Renewable Diesel Fuel	—	—	—	—	420	420	14
Other Biofuels ³	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—
Unfinished Oils ¹	2,578	—	14,782	—	1,792	19,152	638
Naphthas and Lighter	849	—	—	—	—	849	28
Kerosene and Lighter Gas Oils	—	—	—	—	—	—	—
Heavy Gas Oils	1,131	—	6,356	—	1,792	9,279	309
Residuum	598	—	8,426	—	—	9,024	301
Motor Gasoline Blend.Comp. (MGBC)	17,861	309	2,038	70	1,866	22,144	738
Reformulated - RBOB	4,067	—	—	—	319	4,386	146
Conventional	13,794	309	2,038	70	1,547	17,758	592
CBOB	1,983	120	—	—	640	2,743	91
GTAB	3,324	—	—	—	—	3,324	111
Other	8,487	189	2,038	70	907	11,691	390
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	11,378	1,350	4,509	221	3,990	21,448	715
Finished Motor Gasoline	3,287	—	49	—	1,188	4,524	151
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	3,287	—	49	—	1,188	4,524	151
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	3,287	—	49	—	1,188	4,524	151
Finished Aviation Gasoline	—	4	—	—	2	6	0
Kerosene-Type Jet Fuel	2,043	—	—	48	2,056	4,147	138
Bonded Aircraft Fuel	—	—	—	—	339	339	11
Other	2,043	—	—	48	1,717	3,808	127
Kerosene	—	—	—	—	—	—	—
Distillate Fuel Oil	3,943	168	293	102	164	4,670	156
15 ppm sulfur and under	3,942	160	293	102	164	4,661	155
Bonded	—	—	241	—	—	241	8
Other	3,942	160	52	102	164	4,420	147
Greater than 15 ppm to 500 ppm sulfur	1	5	—	—	—	6	0
Bonded	—	—	—	—	—	—	—
Other	1	5	—	—	—	6	0
Greater than 500 ppm to 2000 ppm sulfur	—	3	—	—	—	3	0
Bonded	—	—	—	—	—	—	—
Other	—	3	—	—	—	3	0
Greater than 2000 ppm	—	—	—	—	—	—	—
Bonded	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—
Residual Fuel Oil	753	115	1,683	—	452	3,003	100
Less than 0.31 percent sulfur	—	—	—	—	313	313	10
0.31 to 1.00 percent sulfur	66	7	495	—	139	707	24
Greater than 1.00 percent sulfur	687	108	1,188	—	—	1,983	66
Petrochemical Feedstocks	190	162	392	—	28	772	26
Naphtha for Petro. Feed. Use	189	91	283	—	28	591	20
Other Oils for Petro. Feed. Use	1	71	109	—	—	181	6
Special Naphthas	1	9	640	—	17	667	22
Lubricants	74	226	1,319	—	6	1,625	54
Waxes	76	18	4	—	8	106	4
Petroleum Coke (Marketable)	—	22	129	—	—	151	5
Asphalt and Road Oil	1,011	626	—	71	69	1,777	59
Miscellaneous Products	—	—	—	—	—	—	—
Total	53,071	76,783	69,479	6,788	48,901	255,022	8,501

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 25. Imports of Crude Oil and Petroleum Products by PAD District, May 2023
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	19,172	86,968	51,462	6,312	36,493	200,407	6,465
Hydrocarbon Gas Liquids	702	1,471	-	349	1,460	3,982	128
Natural Gas Liquids	370	1,226	-	349	1,460	3,405	110
Ethane	-	-	-	-	-	-	-
Propane	267	614	-	344	816	2,041	66
Normal Butane	103	373	-	-	631	1,107	36
Isobutane	-	239	-	-	13	252	8
Natural Gasoline	-	-	-	5	-	5	0
Refinery Olefins	332	245	-	-	-	577	19
Ethylene	-	-	-	-	-	-	-
Propylene	332	151	-	-	-	483	16
Normal Butylene	-	94	-	-	-	94	3
Isobutylene	-	-	-	-	-	-	-
Other Liquids	19,880	331	12,223	35	5,071	37,540	1,211
Hydrogen/Biofuels/Other Hydrocarbons	471	81	302	6	1,121	1,981	64
Hydrogen	-	-	-	-	-	-	-
Biofuels (including Fuel Ethanol)	471	81	302	6	1,121	1,981	64
Fuel Ethanol	-	-	-	-	-	-	-
Biodiesel	298	81	302	6	145	832	27
Renewable Diesel Fuel	173	-	-	-	976	1,149	37
Other Biofuels ³	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	-	-	-	-
Unfinished Oils ¹	2,119	-	10,638	-	2,334	15,091	487
Naphthas and Lighter	334	-	-	-	-	334	11
Kerosene and Lighter Gas Oils	-	-	-	-	-	-	-
Heavy Gas Oils	751	-	4,952	-	1,752	7,455	240
Residuum	1,034	-	5,686	-	582	7,302	236
Motor Gasoline Blend.Comp. (MGBC)	17,290	250	1,283	29	1,616	20,468	660
Reformulated - RBOB	4,961	-	-	-	-	4,961	160
Conventional	12,329	250	1,283	29	1,616	15,507	500
CBOB	1,723	166	-	-	-	1,889	61
GTAB	2,838	-	-	-	-	2,838	92
Other	7,768	84	1,283	29	1,616	10,780	348
Aviation Gasoline Blend. Comp.	-	-	-	-	-	-	-
Finished Petroleum Products	13,304	1,262	3,379	193	4,911	23,049	744
Finished Motor Gasoline	4,934	-	300	-	970	6,204	200
Reformulated	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-
Conventional	4,934	-	300	-	970	6,204	200
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	4,934	-	300	-	970	6,204	200
Finished Aviation Gasoline	-	6	-	1	3	10	0
Kerosene-Type Jet Fuel	1,886	-	-	37	2,810	4,733	153
Bonded Aircraft Fuel	238	-	-	-	480	718	23
Other	1,648	-	-	37	2,330	4,015	130
Kerosene	-	20	-	-	-	20	1
Distillate Fuel Oil	4,003	253	-	100	858	5,214	168
15 ppm sulfur and under	3,995	248	-	100	857	5,200	168
Bonded	-	-	-	-	-	-	-
Other	3,995	248	-	100	857	5,200	168
Greater than 15 ppm to 500 ppm sulfur	8	3	-	-	-	11	0
Bonded	-	-	-	-	-	-	-
Other	8	3	-	-	-	11	0
Greater than 500 ppm to 2000 ppm sulfur	-	2	-	-	1	3	0
Bonded	-	-	-	-	-	-	-
Other	-	2	-	-	1	3	0
Greater than 2000 ppm	-	-	-	-	-	-	-
Bonded	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
Residual Fuel Oil	1,549	35	937	-	162	2,683	87
Less than 0.31 percent sulfur	-	-	-	-	-	-	-
0.31 to 1.00 percent sulfur	53	6	-	-	162	221	7
Greater than 1.00 percent sulfur	1,496	29	937	-	-	2,462	79
Petrochemical Feedstocks	95	159	620	-	29	903	29
Naphtha for Petro. Feed. Use	94	84	497	-	29	704	23
Other Oils for Petro. Feed. Use	1	75	123	-	-	199	6
Special Naphthas	2	20	422	-	9	453	15
Lubricants	164	213	1,083	-	28	1,488	48
Waxes	81	14	17	-	11	123	4
Petroleum Coke (Marketable)	1	31	-	-	-	32	1
Asphalt and Road Oil	589	511	-	55	31	1,186	38
Miscellaneous Products	-	-	-	-	-	-	-
Total	53,058	90,032	67,064	6,889	47,935	264,978	8,548

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 25. Imports of Crude Oil and Petroleum Products by PAD District, June 2023
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	16,222	77,571	52,573	7,585	41,578	195,529	6,518
Hydrocarbon Gas Liquids	637	1,685	—	269	1,323	3,914	130
Natural Gas Liquids	342	1,450	—	269	1,323	3,384	113
Ethane	—	—	—	—	—	—	—
Propane	260	902	—	267	684	2,113	70
Normal Butane	82	380	—	—	576	1,038	35
Isobutane	—	163	—	—	63	226	8
Natural Gasoline	—	5	—	2	—	7	0
Refinery Olefins	295	235	—	—	—	530	18
Ethylene	—	—	—	—	—	—	—
Propylene	295	157	—	—	—	452	15
Normal Butylene	—	78	—	—	—	78	3
Isobutylene	—	—	—	—	—	—	—
Other Liquids	26,273	448	15,553	19	3,557	45,850	1,528
Hydrogen/Biofuels/Other Hydrocarbons	581	63	142	8	903	1,697	57
Hydrogen	—	—	—	—	—	—	—
Biofuels (including Fuel Ethanol)	581	63	142	8	903	1,697	57
Fuel Ethanol	—	—	—	—	—	—	—
Biodiesel	581	63	142	8	222	1,016	34
Renewable Diesel Fuel	—	—	—	—	681	681	23
Other Biofuels ³	—	—	0	—	—	0	0
Other Hydrocarbons	—	—	—	—	—	—	—
Unfinished Oils ¹	3,466	0	14,376	—	1,999	19,841	661
Naphthas and Lighter	405	0	—	—	—	405	14
Kerosene and Lighter Gas Oils	—	—	—	—	—	—	—
Heavy Gas Oils	1,322	—	6,329	—	1,610	9,261	309
Residuum	1,739	—	8,047	—	389	10,175	339
Motor Gasoline Blend.Comp. (MGBC)	22,226	385	1,035	11	655	24,312	810
Reformulated - RBOB	4,230	—	—	—	—	4,230	141
Conventional	17,996	385	1,035	11	655	20,082	669
CBOB	2,575	250	—	—	—	2,825	94
GTAB	5,483	—	300	—	—	5,783	193
Other	9,938	135	735	11	655	11,474	382
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	9,525	1,362	4,356	158	5,119	20,520	684
Finished Motor Gasoline	3,790	—	—	—	411	4,201	140
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	3,790	—	—	—	411	4,201	140
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	3,790	—	—	—	411	4,201	140
Finished Aviation Gasoline	—	4	—	—	3	7	0
Kerosene-Type Jet Fuel	1,072	—	—	21	3,231	4,324	144
Bonded Aircraft Fuel	40	—	—	—	728	768	26
Other	1,032	—	—	21	2,503	3,556	119
Kerosene	—	—	—	—	—	—	—
Distillate Fuel Oil	3,029	361	—	62	689	4,141	138
15 ppm sulfur and under	3,024	357	—	62	688	4,131	138
Bonded	—	—	—	—	—	—	—
Other	3,024	357	—	62	688	4,131	138
Greater than 15 ppm to 500 ppm sulfur	5	3	—	—	—	8	0
Bonded	—	—	—	—	—	—	—
Other	5	3	—	—	—	8	0
Greater than 500 ppm to 2000 ppm sulfur	—	1	—	—	1	2	0
Bonded	—	—	—	—	—	—	—
Other	—	1	—	—	1	2	0
Greater than 2000 ppm	—	—	—	—	—	—	—
Bonded	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—
Residual Fuel Oil	556	79	1,783	—	686	3,104	103
Less than 0.31 percent sulfur	—	—	—	—	305	305	10
0.31 to 1.00 percent sulfur	121	9	263	—	381	774	26
Greater than 1.00 percent sulfur	435	70	1,520	—	—	2,025	68
Petrochemical Feedstocks	3	154	364	—	28	549	18
Naphtha for Petro. Feed. Use	3	90	240	—	28	361	12
Other Oils for Petro. Feed. Use	—	64	124	—	—	188	6
Special Naphthas	2	23	575	—	8	608	20
Lubricants	103	218	1,025	—	4	1,350	45
Waxes	51	20	8	—	25	104	3
Petroleum Coke (Marketable)	1	17	601	—	—	619	21
Asphalt and Road Oil	918	486	—	75	34	1,513	50
Miscellaneous Products	—	—	—	—	—	—	—
Total	52,657	81,066	72,482	8,031	51,577	265,813	8,860

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 25. Imports of Crude Oil and Petroleum Products by PAD District, July 2023
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	17,262	78,290	56,655	7,709	35,549	195,465	6,305
Hydrocarbon Gas Liquids	624	1,807	—	290	1,381	4,102	132
Natural Gas Liquids	347	1,545	—	290	1,381	3,563	115
Ethane	—	—	—	—	—	—	—
Propane	274	906	—	290	705	2,175	70
Normal Butane	69	430	—	—	603	1,102	36
Isobutane	4	207	—	—	73	284	9
Natural Gasoline	—	2	—	—	—	2	0
Refinery Olefins	277	262	—	—	—	539	17
Ethylene	—	—	—	—	—	—	—
Propylene	277	173	—	—	—	450	15
Normal Butylene	—	89	—	—	—	89	3
Isobutylene	—	—	—	—	—	—	—
Other Liquids	20,924	534	14,552	28	3,257	39,295	1,268
Hydrogen/Biofuels/Other Hydrocarbons	337	87	219	13	904	1,560	50
Hydrogen	—	—	—	—	—	—	—
Biofuels (including Fuel Ethanol)	337	87	219	13	904	1,560	50
Fuel Ethanol	—	—	—	—	—	—	—
Biodiesel	337	87	167	13	121	725	23
Renewable Diesel Fuel	—	—	—	—	783	783	25
Other Biofuels ³	—	—	52	—	—	52	2
Other Hydrocarbons	—	—	—	—	—	—	—
Unfinished Oils ¹	2,538	—	13,249	—	1,735	17,522	565
Naphthas and Lighter	681	—	—	—	—	681	22
Kerosene and Lighter Gas Oils	—	—	—	—	—	—	—
Heavy Gas Oils	854	—	6,997	—	1,735	9,586	309
Residuum	1,003	—	6,252	—	—	7,255	234
Motor Gasoline Blend.Comp. (MGBC)	18,049	447	1,084	15	618	20,213	652
Reformulated - RBOB	4,468	—	—	—	—	4,468	144
Conventional	13,581	447	1,084	15	618	15,745	508
CBOB	1,760	102	—	—	—	1,862	60
GTAB	4,023	—	96	—	—	4,119	133
Other	7,798	345	988	15	618	9,764	315
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	8,747	1,556	3,469	171	4,175	18,118	584
Finished Motor Gasoline	2,319	—	—	—	684	3,003	97
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	2,319	—	—	—	684	3,003	97
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	2,319	—	—	—	684	3,003	97
Finished Aviation Gasoline	44	2	—	—	1	47	2
Kerosene-Type Jet Fuel	1,242	—	25	24	2,691	3,982	128
Bonded Aircraft Fuel	302	—	—	—	829	1,131	36
Other	940	—	25	24	1,862	2,851	92
Kerosene	—	—	—	—	—	—	—
Distillate Fuel Oil	2,715	356	26	74	485	3,656	118
15 ppm sulfur and under	2,714	351	26	74	484	3,649	118
Bonded	—	—	—	—	—	—	—
Other	2,714	351	26	74	484	3,649	118
Greater than 15 ppm to 500 ppm sulfur	1	4	—	—	—	5	0
Bonded	—	—	—	—	—	—	—
Other	1	4	—	—	—	5	0
Greater than 500 ppm to 2000 ppm sulfur	—	1	—	—	1	2	0
Bonded	—	—	—	—	—	—	—
Other	—	1	—	—	1	2	0
Greater than 2000 ppm	—	—	—	—	—	—	—
Bonded	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—
Residual Fuel Oil	828	88	1,380	—	137	2,433	78
Less than 0.31 percent sulfur	—	—	—	—	—	—	—
0.31 to 1.00 percent sulfur	46	10	—	—	99	155	5
Greater than 1.00 percent sulfur	782	78	1,380	—	38	2,278	73
Petrochemical Feedstocks	2	157	320	—	27	506	16
Naphtha for Petro. Feed. Use	2	87	259	—	27	375	12
Other Oils for Petro. Feed. Use	—	70	61	—	—	131	4
Special Naphthas	63	18	746	—	11	838	27
Lubricants	128	222	948	—	62	1,360	44
Waxes	103	19	24	—	8	154	5
Petroleum Coke (Marketable)	1	8	—	—	—	9	0
Asphalt and Road Oil	1,302	686	—	73	69	2,130	69
Miscellaneous Products	—	—	—	—	—	—	—
Total	47,557	82,187	74,676	8,198	44,362	256,980	8,290

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 25. Imports of Crude Oil and Petroleum Products by PAD District, August 2023
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	20,452	85,199	57,485	8,140	45,378	216,654	6,989
Hydrocarbon Gas Liquids	589	2,298	–	202	1,420	4,509	145
Natural Gas Liquids	254	2,046	–	202	1,420	3,922	127
Ethane	–	–	–	–	–	–	–
Propane	237	1,334	–	200	781	2,552	82
Normal Butane	16	507	–	1	559	1,083	35
Isobutane	1	205	–	–	80	286	9
Natural Gasoline	–	–	–	1	–	1	0
Refinery Olefins	335	252	–	–	–	587	19
Ethylene	–	–	–	–	–	–	–
Propylene	335	171	–	–	–	506	16
Normal Butylene	–	81	–	–	–	81	3
Isobutylene	–	–	–	–	–	–	–
Other Liquids	21,246	545	13,833	37	3,945	39,606	1,278
Hydrogen/Biofuels/Other Hydrocarbons	221	76	446	19	1,481	2,243	72
Hydrogen	–	–	–	–	–	–	–
Biofuels (including Fuel Ethanol)	221	76	446	19	1,481	2,243	72
Fuel Ethanol	–	–	–	–	249	249	8
Biodiesel	221	76	446	19	229	991	32
Renewable Diesel Fuel	–	–	–	–	1,003	1,003	32
Other Biofuels ³	–	–	–	–	0	0	0
Other Hydrocarbons	–	–	–	–	–	–	–
Unfinished Oils ¹	2,455	–	10,832	–	1,714	15,001	484
Naphthas and Lighter	1,082	–	–	–	–	1,082	35
Kerosene and Lighter Gas Oils	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	6,303	–	1,284	7,587	245
Residuum	1,373	–	4,529	–	430	6,332	204
Motor Gasoline Blend.Comp. (MGBC)	18,570	469	2,555	18	750	22,362	721
Reformulated - RBOB	3,295	–	–	–	–	3,295	106
Conventional	15,275	469	2,555	18	750	19,067	615
CBOB	2,286	82	–	–	–	2,368	76
GTAB	5,363	–	–	–	–	5,363	173
Other	7,626	387	2,555	18	750	11,336	366
Aviation Gasoline Blend. Comp.	–	–	–	–	–	–	–
Finished Petroleum Products	7,926	1,409	2,974	151	3,840	16,300	526
Finished Motor Gasoline	1,801	1	260	–	550	2,612	84
Reformulated	–	–	–	–	–	–	–
Reformulated Blended with Fuel Ethanol	–	–	–	–	–	–	–
Reformulated Other	–	–	–	–	–	–	–
Conventional	1,801	1	260	–	550	2,612	84
Conventional Blended with Fuel Ethanol	–	–	–	–	–	–	–
Ed55 and Lower	–	–	–	–	–	–	–
Greater than Ed55	–	–	–	–	–	–	–
Conventional Other	1,801	1	260	–	550	2,612	84
Finished Aviation Gasoline	35	4	–	–	3	42	1
Kerosene-Type Jet Fuel	883	–	–	10	2,018	2,911	94
Bonded Aircraft Fuel	199	–	–	–	802	1,001	32
Other	684	–	–	10	1,216	1,910	62
Kerosene	50	–	–	–	–	50	2
Distillate Fuel Oil	2,827	278	27	67	939	4,138	133
15 ppm sulfur and under	2,827	265	27	67	938	4,124	133
Bonded	–	–	–	–	–	–	–
Other	2,827	265	27	67	938	4,124	133
Greater than 15 ppm to 500 ppm sulfur	–	5	–	–	–	5	0
Bonded	–	–	–	–	–	–	–
Other	–	5	–	–	–	5	0
Greater than 500 ppm to 2000 ppm sulfur	–	8	–	–	1	9	0
Bonded	–	–	–	–	–	–	–
Other	–	8	–	–	1	9	0
Greater than 2000 ppm	–	–	–	–	–	–	–
Bonded	–	–	–	–	–	–	–
Other	–	–	–	–	–	–	–
Residual Fuel Oil	926	74	1,184	–	63	2,247	72
Less than 0.31 percent sulfur	–	–	–	–	–	–	–
0.31 to 1.00 percent sulfur	251	5	425	–	63	744	24
Greater than 1.00 percent sulfur	675	69	759	–	–	1,503	48
Petrochemical Feedstocks	3	166	265	–	–	434	14
Naphtha for Petro. Feed. Use	3	90	179	–	–	272	9
Other Oils for Petro. Feed. Use	–	76	86	–	–	162	5
Special Naphthas	3	17	269	–	74	363	12
Lubricants	115	250	763	–	54	1,182	38
Waxes	75	21	12	–	34	142	5
Petroleum Coke (Marketable)	–	10	194	–	–	204	7
Asphalt and Road Oil	1,208	588	–	74	105	1,975	64
Miscellaneous Products	–	–	–	–	–	–	–
Total	50,213	89,451	74,292	8,530	54,583	277,069	8,938

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 25. Imports of Crude Oil and Petroleum Products by PAD District, September 2023
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	17,833	76,058	55,977	8,762	41,862	200,492	6,683
Hydrocarbon Gas Liquids	958	1,742	—	263	1,438	4,401	147
Natural Gas Liquids	655	1,510	—	263	1,438	3,866	129
Ethane	—	—	—	—	—	—	—
Propane	558	827	—	257	855	2,497	83
Normal Butane	84	495	—	4	515	1,098	37
Isobutane	13	188	—	—	68	269	9
Natural Gasoline	—	—	—	2	—	2	0
Refinery Olefins	303	232	—	—	—	535	18
Ethylene	—	—	—	—	—	—	—
Propylene	303	154	—	—	—	457	15
Normal Butylene	—	78	—	—	—	78	3
Isobutylene	—	—	—	—	—	—	—
Other Liquids	18,664	480	12,016	19	3,215	34,394	1,146
Hydrogen/Biofuels/Other Hydrocarbons	841	70	398	6	770	2,085	70
Hydrogen	—	—	—	—	—	—	—
Biofuels (including Fuel Ethanol)	841	70	398	6	770	2,085	70
Fuel Ethanol	249	—	—	—	151	400	13
Biodiesel	592	70	398	6	214	1,280	43
Renewable Diesel Fuel	—	—	—	—	405	405	14
Other Biofuels ³	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—
Unfinished Oils ¹	2,196	—	10,448	—	1,695	14,339	478
Naphthas and Lighter	753	—	—	—	—	753	25
Kerosene and Lighter Gas Oils	—	—	—	—	—	—	—
Heavy Gas Oils	805	—	5,436	—	1,252	7,493	250
Residuum	638	—	5,012	—	443	6,093	203
Motor Gasoline Blend.Comp. (MGBC)	15,627	410	1,170	13	742	17,962	599
Reformulated - RBOB	4,001	—	—	—	—	4,001	133
Conventional	11,626	410	1,170	13	742	13,961	465
CBOB	1,415	—	—	—	—	1,415	47
GTAB	4,632	—	—	—	110	4,742	158
Other	5,579	410	1,170	13	632	7,804	260
Aviation Gasoline Blend. Comp.	—	—	—	—	8	8	0
Finished Petroleum Products	10,954	1,261	3,652	182	3,387	19,436	648
Finished Motor Gasoline	3,541	—	197	—	1,020	4,758	159
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	3,541	—	197	—	1,020	4,758	159
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	3,541	—	197	—	1,020	4,758	159
Finished Aviation Gasoline	44	3	—	—	—	47	2
Kerosene-Type Jet Fuel	1,612	—	—	15	1,655	3,282	109
Bonded Aircraft Fuel	235	—	—	—	322	557	19
Other	1,377	—	—	15	1,333	2,725	91
Kerosene	—	—	—	—	—	—	—
Distillate Fuel Oil	2,825	159	—	55	527	3,566	119
15 ppm sulfur and under	2,823	156	—	55	527	3,561	119
Bonded	—	—	—	—	—	—	—
Other	2,823	156	—	55	527	3,561	119
Greater than 15 ppm to 500 ppm sulfur	2	1	—	—	—	3	0
Bonded	—	—	—	—	—	—	—
Other	2	1	—	—	—	3	0
Greater than 500 ppm to 2000 ppm sulfur	—	2	—	—	—	2	0
Bonded	—	—	—	—	—	—	—
Other	—	2	—	—	—	2	0
Greater than 2000 ppm	—	—	—	—	—	—	—
Bonded	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—
Residual Fuel Oil	1,742	84	1,853	—	61	3,740	125
Less than 0.31 percent sulfur	—	—	380	—	—	380	13
0.31 to 1.00 percent sulfur	149	7	791	—	61	1,008	34
Greater than 1.00 percent sulfur	1,593	77	682	—	—	2,352	78
Petrochemical Feedstocks	—	153	101	—	28	282	9
Naphtha for Petro. Feed. Use	—	90	35	—	28	153	5
Other Oils for Petro. Feed. Use	—	63	66	—	—	129	4
Special Naphthas	—	22	510	—	0	532	18
Lubricants	113	200	788	—	64	1,165	39
Waxes	82	15	4	—	1	102	3
Petroleum Coke (Marketable)	—	7	199	—	—	206	7
Asphalt and Road Oil	995	618	—	112	31	1,756	59
Miscellaneous Products	—	—	—	—	—	—	—
Total	48,409	79,541	71,645	9,226	49,902	258,723	8,624

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 25. Imports of Crude Oil and Petroleum Products by PAD District, October 2023
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	17,303	80,220	48,512	8,327	35,680	190,042	6,130
Hydrocarbon Gas Liquids	1,008	1,575	—	344	1,680	4,607	149
Natural Gas Liquids	754	1,362	—	344	1,680	4,140	134
Ethane	—	—	—	—	—	—	—
Propane	648	970	—	343	918	2,879	93
Normal Butane	98	217	—	1	762	1,078	35
Isobutane	8	175	—	—	—	183	6
Natural Gasoline	—	—	—	—	—	—	—
Refinery Olefins	254	213	—	—	—	467	15
Ethylene	—	—	—	—	—	—	—
Propylene	254	132	—	—	—	386	12
Normal Butylene	—	81	—	—	—	81	3
Isobutylene	—	—	—	—	—	—	—
Other Liquids	16,478	952	12,775	20	3,647	33,872	1,093
Hydrogen/Biofuels/Other Hydrocarbons	558	111	209	12	478	1,368	44
Hydrogen	—	—	—	—	—	—	—
Biofuels (including Fuel Ethanol)	558	111	209	12	478	1,368	44
Fuel Ethanol	—	—	—	—	—	—	—
Biodiesel	558	111	209	12	127	1,017	33
Renewable Diesel Fuel	—	—	—	—	351	351	11
Other Biofuels ³	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—
Unfinished Oils ¹	1,407	—	11,738	—	1,808	14,953	482
Naphthas and Lighter	223	—	111	—	—	334	11
Kerosene and Lighter Gas Oils	—	—	—	—	—	—	—
Heavy Gas Oils	—	—	7,865	—	1,425	9,290	300
Residuum	1,184	—	3,762	—	383	5,329	172
Motor Gasoline Blend.Comp. (MGBC)	14,513	841	828	8	1,361	17,551	566
Reformulated - RBOB	3,907	—	—	—	—	3,907	126
Conventional	10,606	841	828	8	1,361	13,644	440
CBOB	401	314	—	—	—	715	23
GTAB	4,566	—	—	—	—	4,566	147
Other	5,639	527	828	8	1,361	8,363	270
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	6,099	1,404	3,885	169	4,422	15,979	515
Finished Motor Gasoline	1,784	—	283	—	366	2,433	78
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	1,784	—	283	—	366	2,433	78
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	1,784	—	283	—	366	2,433	78
Finished Aviation Gasoline	—	4	—	—	2	6	0
Kerosene-Type Jet Fuel	10	—	—	18	3,135	3,163	102
Bonded Aircraft Fuel	—	—	—	—	—	—	—
Other	10	—	—	18	3,135	3,163	102
Kerosene	—	—	—	—	—	—	—
Distillate Fuel Oil	2,500	207	28	56	488	3,279	106
15 ppm sulfur and under	2,494	199	28	56	483	3,260	105
Bonded	205	—	—	—	—	205	7
Other	2,289	199	28	56	483	3,055	99
Greater than 15 ppm to 500 ppm sulfur	6	3	—	—	—	9	0
Bonded	—	—	—	—	—	—	—
Other	6	3	—	—	—	9	0
Greater than 500 ppm to 2000 ppm sulfur	—	5	—	—	5	10	0
Bonded	—	—	—	—	—	—	—
Other	—	5	—	—	5	10	0
Greater than 2000 ppm	—	—	—	—	—	—	—
Bonded	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—
Residual Fuel Oil	1,131	202	1,662	—	275	3,270	105
Less than 0.31 percent sulfur	171	—	—	—	—	171	6
0.31 to 1.00 percent sulfur	468	14	414	—	275	1,171	38
Greater than 1.00 percent sulfur	492	188	1,248	—	—	1,928	62
Petrochemical Feedstocks	1	142	39	—	29	211	7
Naphtha for Petro. Feed. Use	1	85	—	—	29	115	4
Other Oils for Petro. Feed. Use	—	57	39	—	—	96	3
Special Naphthas	2	10	804	—	0	816	26
Lubricants	123	200	934	1	39	1,297	42
Waxes	113	20	1	—	1	135	4
Petroleum Coke (Marketable)	1	2	134	—	—	137	4
Asphalt and Road Oil	434	617	—	94	87	1,232	40
Miscellaneous Products	—	—	—	—	—	—	—
Total	40,888	84,151	65,172	8,860	45,429	244,500	7,887

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 25. Imports of Crude Oil and Petroleum Products by PAD District, November 2023
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	21,406	92,803	47,130	7,346	39,109	207,794	6,926
Hydrocarbon Gas Liquids	1,585	1,787	—	420	1,710	5,502	183
Natural Gas Liquids	1,357	1,561	—	420	1,710	5,048	168
Ethane	—	—	—	—	—	—	—
Propane	1,267	1,166	—	417	843	3,693	123
Normal Butane	73	283	—	—	863	1,219	41
Isobutane	17	112	—	—	4	133	4
Natural Gasoline	—	—	—	3	—	3	0
Refinery Olefins	228	226	—	—	—	454	15
Ethylene	—	—	—	—	—	—	—
Propylene	228	145	—	—	—	373	12
Normal Butylene	—	81	—	—	—	81	3
Isobutylene	—	—	—	—	—	—	—
Other Liquids	14,054	747	11,793	17	3,190	29,801	993
Hydrogen/Biofuels/Other Hydrocarbons	664	120	318	12	938	2,052	68
Hydrogen	—	—	—	—	—	—	—
Biofuels (including Fuel Ethanol)	664	120	318	12	938	2,052	68
Fuel Ethanol	—	—	—	—	—	—	—
Biodiesel	664	120	318	12	125	1,239	41
Renewable Diesel Fuel	—	—	—	—	813	813	27
Other Biofuels ³	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—
Unfinished Oils ¹	2,443	0	10,589	—	1,728	14,760	492
Naphthas and Lighter	609	0	0	—	—	609	20
Kerosene and Lighter Gas Oils	—	—	—	—	—	—	—
Heavy Gas Oils	1,016	—	5,234	—	1,695	7,945	265
Residuum	818	—	5,355	—	33	6,206	207
Motor Gasoline Blend.Comp. (MGBC)	10,947	627	886	5	524	12,989	433
Reformulated - RBOB	3,634	—	182	—	—	3,816	127
Conventional	7,313	627	704	5	524	9,173	306
CBOB	1,903	—	—	—	—	1,903	63
GTAB	2,002	—	—	—	—	2,002	67
Other	3,408	627	704	5	524	5,268	176
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	8,544	1,285	3,405	177	3,237	16,648	555
Finished Motor Gasoline	3,122	—	—	—	685	3,807	127
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	3,122	—	—	—	685	3,807	127
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	3,122	—	—	—	685	3,807	127
Finished Aviation Gasoline	—	4	—	—	2	6	0
Kerosene-Type Jet Fuel	834	—	—	22	1,795	2,651	88
Bonded Aircraft Fuel	—	—	—	—	322	322	11
Other	834	—	—	22	1,473	2,329	78
Kerosene	—	—	—	—	—	—	—
Distillate Fuel Oil	3,470	241	—	51	111	3,873	129
15 ppm sulfur and under	3,392	221	—	51	109	3,773	126
Bonded	—	—	—	—	—	—	—
Other	3,392	221	—	51	109	3,773	126
Greater than 15 ppm to 500 ppm sulfur	78	3	—	—	—	81	3
Bonded	—	—	—	—	—	—	—
Other	78	3	—	—	—	81	3
Greater than 500 ppm to 2000 ppm sulfur	—	17	—	—	2	19	1
Bonded	—	—	—	—	—	—	—
Other	—	17	—	—	2	19	1
Greater than 2000 ppm	—	—	—	—	—	—	—
Bonded	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—
Residual Fuel Oil	597	124	1,636	—	384	2,741	91
Less than 0.31 percent sulfur	—	—	—	—	370	370	12
0.31 to 1.00 percent sulfur	—	9	362	—	14	385	13
Greater than 1.00 percent sulfur	597	115	1,274	—	—	1,986	66
Petrochemical Feedstocks	21	162	255	—	38	476	16
Naphtha for Petro. Feed. Use	21	87	204	—	38	350	12
Other Oils for Petro. Feed. Use	—	75	51	—	—	126	4
Special Naphthas	1	11	494	—	0	506	17
Lubricants	196	220	768	2	137	1,323	44
Waxes	71	17	—	—	3	91	3
Petroleum Coke (Marketable)	—	1	252	—	—	253	8
Asphalt and Road Oil	232	505	—	102	82	921	31
Miscellaneous Products	—	—	—	—	—	—	—
Total	45,589	96,622	62,328	7,960	47,246	259,745	8,658

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 25. Imports of Crude Oil and Petroleum Products by PAD District, December 2023
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	18,400	86,438	53,284	8,634	32,319	199,075	6,422
Hydrocarbon Gas Liquids	2,124	1,910	—	513	1,892	6,439	208
Natural Gas Liquids	1,804	1,610	—	513	1,892	5,819	188
Ethane	—	—	—	—	—	—	—
Propane	1,793	1,079	—	504	1,149	4,525	146
Normal Butane	8	386	—	3	743	1,140	37
Isobutane	3	145	—	1	—	149	5
Natural Gasoline	—	—	—	5	—	5	0
Refinery Olefins	320	300	—	—	—	620	20
Ethylene	—	—	—	—	—	—	—
Propylene	320	213	—	—	—	533	17
Normal Butylene	—	87	—	—	—	87	3
Isobutylene	—	—	—	—	—	—	—
Other Liquids	18,808	582	13,620	11	2,949	35,970	1,160
Hydrogen/Biofuels/Other Hydrocarbons	621	85	274	5	1,146	2,131	69
Hydrogen	—	—	—	—	—	—	—
Biofuels (including Fuel Ethanol)	621	85	274	5	1,146	2,131	69
Fuel Ethanol	—	—	—	—	—	—	—
Biodiesel	621	85	226	5	94	1,031	33
Renewable Diesel Fuel	—	—	—	—	1,052	1,052	34
Other Biofuels ³	—	—	48	—	—	48	2
Other Hydrocarbons	—	—	—	—	—	—	—
Unfinished Oils ¹	2,068	0	13,157	—	1,770	16,995	548
Naphthas and Lighter	251	0	—	—	—	251	8
Kerosene and Lighter Gas Oils	0	—	—	—	—	0	0
Heavy Gas Oils	1,130	—	5,363	—	1,770	8,263	267
Residuum	687	—	7,794	—	—	8,481	274
Motor Gasoline Blend.Comp. (MGBC)	16,119	497	189	6	33	16,844	543
Reformulated - RBOB	5,082	—	—	—	—	5,082	164
Conventional	11,037	497	189	6	33	11,762	379
CBOB	3,182	—	—	—	—	3,182	103
GTAB	2,695	—	—	—	—	2,695	87
Other	5,160	497	189	6	33	5,885	190
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	12,744	1,308	2,929	247	3,641	20,869	673
Finished Motor Gasoline	2,883	—	—	—	245	3,128	101
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	2,883	—	—	—	245	3,128	101
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	2,883	—	—	—	245	3,128	101
Finished Aviation Gasoline	12	2	—	—	3	17	1
Kerosene-Type Jet Fuel	1,479	—	—	12	2,412	3,903	126
Bonded Aircraft Fuel	341	—	—	—	816	1,157	37
Other	1,138	—	—	12	1,596	2,746	89
Kerosene	—	—	—	—	—	—	—
Distillate Fuel Oil	6,495	243	44	71	197	7,050	227
15 ppm sulfur and under	6,495	217	27	71	196	7,006	226
Bonded	—	—	—	—	—	—	—
Other	6,495	217	27	71	196	7,006	226
Greater than 15 ppm to 500 ppm sulfur	—	2	—	—	—	2	0
Bonded	—	—	—	—	—	—	—
Other	—	2	—	—	—	2	0
Greater than 500 ppm to 2000 ppm sulfur	—	24	17	—	1	42	1
Bonded	—	—	—	—	—	—	—
Other	—	24	17	—	1	42	1
Greater than 2000 ppm	—	—	—	—	—	—	—
Bonded	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—
Residual Fuel Oil	1,074	152	969	7	580	2,782	90
Less than 0.31 percent sulfur	—	—	—	—	491	491	16
0.31 to 1.00 percent sulfur	—	7	13	7	89	116	4
Greater than 1.00 percent sulfur	1,074	145	956	—	—	2,175	70
Petrochemical Feedstocks	63	157	180	—	—	400	13
Naphtha for Petro. Feed. Use	63	88	156	—	—	307	10
Other Oils for Petro. Feed. Use	—	69	24	—	—	93	3
Special Naphthas	1	6	433	0	0	440	14
Lubricants	91	199	1,171	—	30	1,491	48
Waxes	88	21	4	—	30	143	5
Petroleum Coke (Marketable)	—	4	128	—	—	132	4
Asphalt and Road Oil	558	524	—	157	144	1,383	45
Miscellaneous Products	—	—	—	—	—	—	—
Total	52,076	90,238	69,833	9,405	40,801	262,353	8,463

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	30,851	257	-	6,246	-	-	-	-	316	316
Algeria	631	-	-	610	-	-	-	-	-	-
Angola	3	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	257	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	7,823	-	-	3,351	-	-	-	-	-	-
Kuwait	365	-	-	-	-	-	-	-	-	-
Libya	1,860	-	-	-	-	-	-	-	-	-
Nigeria	5,693	-	-	-	-	-	-	-	316	316
Saudi Arabia	13,235	-	-	1,915	-	-	-	-	-	-
United Arab Emirates	-	-	-	370	-	-	-	-	-	-
Venezuela	1,241	-	-	-	-	-	-	-	-	-
Non-OPEC	164,461	6,339	554	10,057	-	3,351	3,351	4,432	10,463	14,895
Argentina	1,963	-	-	-	-	-	-	-	507	507
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	1,870	1,870	100	324	424
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	674	-	-	-	-	340	340
Brazil	3,129	-	-	543	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	617	-	-	-	-	-	-	-	-	-
Canada	120,831	6,259	554	-	-	312	312	2,305	2,247	4,552
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	5,216	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	4,322	-	-	1,035	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	328	328
France	-	-	-	-	-	460	460	294	188	482
Germany	-	-	-	-	-	-	-	-	21	21
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	765	-	39	39	-	1,265	1,265
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	480	-	-	-	143	2,151	2,294
Korea, South	-	-	-	-	-	107	107	-	187	187
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	22,179	-	-	3,926	-	-	-	-	-	-
Netherlands	-	-	-	362	-	-	-	643	546	1,189
Norway	1	-	-	-	-	316	316	-	644	644
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	890	890
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	317	-	-	-	-	601	601
Sweden	-	-	-	199	-	247	247	-	50	50
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	891	80	-	-	-	-	-	-	-	-
United Kingdom	1,705	-	-	708	-	-	-	947	51	998
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	3,607	0	0	1,048	-	0	0	0	123	123
Total	195,312	6,596	554	16,303	-	3,351	3,351	4,432	10,779	15,211
Persian Gulf⁴	21,423	-	-	5,636	-	-	-	-	-	-

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	53	-	-	-	53	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	53	-	-	-	53	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	930	633	-	8,808	3	132	-	8,943	0	4
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	70	-	-	-	70	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	252	-	-	5,122	3	1	-	5,126	-	4
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	430	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	2,340	-	-	-	2,340	0	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	69	-	-	-	-	-	-	-	-	-
Korea, South	-	30	-	-	40	-	-	-	40	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	300	-	-	-	300	-	-
Netherlands	-	-	-	-	55	-	117	-	172	-	-
Norway	-	-	-	-	-	-	14	-	14	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	780	-	-	-	780	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	149	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	633	-	101	0	0	-	101	0	0
Total	-	930	633	-	8,861	3	132	-	8,996	0	4
Persian Gulf⁴	-	-	-	-	833	-	-	-	833	-	-

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	661	—	—	117	567	684	—	—
Algeria	—	—	—	—	29	—	29	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	88	—	88	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	4	—	—	—	298	298	—	—
Kuwait	—	583	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	269	269	—	—
United Arab Emirates	—	74	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	2,916	611	305	913	3,215	4,433	291	191
Argentina	—	—	—	—	—	—	—	—	19
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	2	—	2	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	248	—	248	—	—
Brazil	—	—	—	—	—	222	222	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	171	94	65	83	283	431	107	79
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	831	831	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	110	—	110	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	19	—	19	—	—
France	—	—	—	—	—	—	—	—	—
Germany	—	—	14	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	237	—	240	—	—	240	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	91	—
Korea, South	—	2,160	412	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	13	—	—	—	6	6	—	—
Mexico	—	5	—	—	8	1,212	1,220	55	93
Netherlands	—	—	76	—	19	—	19	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	12	—	12	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	330	15	0	324	661	985	38	0
Total	—	3,577	611	305	1,030	3,782	5,117	291	191
Persian Gulf⁴	—	661	—	—	—	567	567	—	—

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	224	—	8,441	39,292	995	272	1,267
Algeria	—	—	—	—	—	639	1,270	20	21	41
Angola	—	—	—	—	—	—	3	0	—	0
Congo (Brazzaville)	—	—	—	—	—	88	88	—	3	3
Equatorial Guinea	—	—	—	—	—	257	257	—	8	8
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	3,653	11,476	252	118	370
Kuwait	—	—	—	—	—	583	948	12	19	31
Libya	—	—	—	—	—	—	1,860	60	—	60
Nigeria	—	—	—	—	—	316	6,009	184	10	194
Saudi Arabia	—	—	—	—	—	2,184	15,419	427	70	497
United Arab Emirates	—	—	—	224	—	721	721	—	23	23
Venezuela	—	—	—	—	—	—	1,241	40	—	40
Non-OPEC	130	490	1,763	1,016	—	57,547	222,008	5,305	1,856	7,162
Argentina	—	140	—	4	—	670	2,633	63	22	85
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	2,296	2,296	—	74	74
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	3	—	1,335	1,335	—	43	43
Brazil	—	—	—	—	—	765	3,894	101	25	126
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	617	20	—	20
Canada	106	14	1,583	301	—	19,945	140,776	3,898	643	4,541
Chad	—	—	—	—	—	—	—	—	—	—
China	2	—	—	—	—	2	2	—	0	0
Colombia	—	196	72	—	—	1,099	6,315	168	35	204
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	1,145	5,467	139	37	176
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	347	347	—	11	11
France	—	—	—	7	—	949	949	—	31	31
Germany	—	—	—	10	—	475	475	—	15	15
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	4,886	4,886	—	158	158
Indonesia	—	—	—	57	—	57	57	—	2	2
Italy	—	—	—	7	—	2,941	2,941	—	95	95
Korea, South	1	—	—	213	—	3,150	3,150	—	102	102
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	8	—	—	—	—	27	27	—	1	1
Mexico	—	—	—	—	—	5,599	27,778	715	181	896
Netherlands	—	140	—	90	—	2,048	2,048	—	66	66
Norway	—	—	—	—	—	974	975	0	31	31
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	890	890	—	29	29
Qatar	—	—	—	307	—	1,087	1,087	—	35	35
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	108	—	—	1,175	1,175	—	38	38
Sweden	—	—	—	1	—	497	497	—	16	16
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	80	971	29	3	31
United Kingdom	—	—	—	—	—	1,718	3,423	55	55	110
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	13	0	0	16	—	3,302	6,909	117	105	223
Total	130	490	1,763	1,240	—	65,988	261,300	6,300	2,129	8,429
Persian Gulf⁴	—	—	—	531	—	8,228	29,651	691	265	956

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, February 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	28,481	300	-	7,311	-	-	-	-	275	275
Algeria	627	-	-	517	-	-	-	-	-	-
Angola	239	-	-	-	-	-	-	-	274	274
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	300	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	8,352	-	-	3,626	-	-	-	-	-	-
Kuwait	500	-	-	577	-	-	-	-	1	1
Libya	1,571	-	-	-	-	-	-	-	-	-
Nigeria	4,699	-	-	-	-	-	-	-	-	-
Saudi Arabia	10,863	-	-	2,591	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	1,630	-	-	-	-	-	-	-	-	-
Non-OPEC	157,180	5,647	575	8,251	-	2,125	2,125	4,327	10,854	15,181
Argentina	953	-	-	244	-	-	-	-	21	21
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	315	315	-	-	-
Brazil	3,948	-	-	685	-	-	-	-	78	78
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	114,313	5,616	575	281	-	291	291	2,080	1,700	3,780
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	5,621	-	-	35	-	-	-	-	67	67
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	3,871	-	-	209	-	-	-	-	-	-
Egypt	-	-	-	47	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	338	338	-	261	261
France	-	-	-	61	-	390	390	-	264	264
Germany	-	-	-	9	-	-	-	-	22	22
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	1,184	-	15	15	-	1,719	1,719
Indonesia	-	-	-	134	-	-	-	-	-	-
Italy	-	-	-	-	-	3	3	168	951	1,119
Korea, South	-	-	-	-	-	318	318	-	586	586
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	1,760	-	-	-	-	-	-
Mexico	22,108	-	-	2,458	-	-	-	-	230	230
Netherlands	-	-	-	402	-	95	95	743	1,449	2,192
Norway	119	-	-	-	-	179	179	-	330	330
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	542	542
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	1,257	1,257
Sweden	-	-	-	-	-	75	75	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	31	-	-	-	-	-	-	-	-
United Kingdom	1,312	-	-	-	-	21	21	1,336	330	1,666
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	4,935	0	0	742	-	85	85	0	1,047	1,047
Total	185,661	5,947	575	15,562	-	2,125	2,125	4,327	11,129	15,456
Persian Gulf⁴	19,715	-	-	6,794	-	-	-	-	1	1

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, February 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	750	-	-	-	750	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	750	-	-	-	750	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	952	546	-	7,633	2	16	-	7,651	-	24
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	261	-	-	4,717	2	16	-	4,735	-	6
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	320	-	-	-	320	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	417	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	1,252	-	-	-	1,252	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	141	-	-	-	-	-	-	-	-	-
Korea, South	-	20	-	-	365	-	-	-	365	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	47	-	-	-	-	-	-	-	18
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	326	-	-	-	326	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	113	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	499	-	653	0	0	-	653	-	0
Total	-	952	546	-	8,383	2	16	-	8,401	-	24
Persian Gulf⁴	-	-	-	-	1,076	-	-	-	1,076	-	-

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, February 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	1,015	—	473	122	190	785	—	—
Algeria	—	—	—	473	84	—	557	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	38	—	38	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	190	190	—	—
Kuwait	—	792	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	138	—	—	—	—	—	—	—
United Arab Emirates	—	85	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	4,250	185	0	2,189	2,692	4,881	239	205
Argentina	—	—	—	—	—	—	—	—	31
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	16	—	16	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	53	—	53	—	—
Brazil	—	—	—	—	—	435	435	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	226	39	0	49	143	192	90	76
Chad	—	—	—	—	—	—	—	—	—
China	—	605	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	128	128	—	—
Denmark	—	—	—	—	33	—	33	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	53	—	53	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	787	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	1,792	146	—	—	—	—	67	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	63	63	—	—
Mexico	—	—	—	—	—	1,868	1,868	41	98
Netherlands	—	—	—	—	313	49	362	—	—
Norway	—	15	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	13	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	305	—	305	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	825	0	0	1,329	6	1,335	28	0
Total	—	5,265	185	473	2,311	2,882	5,666	239	205
Persian Gulf⁴	—	1,015	—	—	—	190	190	13	—

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, February 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	38	—	10,474	38,955	1,017	374	1,391
Algeria	—	—	—	—	—	1,074	1,701	22	38	61
Angola	—	—	—	—	—	274	513	9	10	18
Congo (Brazzaville)	—	—	—	—	—	38	38	—	1	1
Equatorial Guinea	—	—	—	—	—	300	300	—	11	11
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	3,816	12,168	298	136	435
Kuwait	—	—	—	—	—	1,370	1,870	18	49	67
Libya	—	—	—	—	—	—	1,571	56	—	56
Nigeria	—	—	—	—	—	—	4,699	168	—	168
Saudi Arabia	—	—	—	—	—	3,479	14,342	388	124	512
United Arab Emirates	—	—	—	38	—	123	123	—	4	4
Venezuela	—	—	—	—	—	—	1,630	58	—	58
Non-OPEC	93	271	1,402	1,399	—	53,877	211,057	5,614	1,924	7,538
Argentina	—	93	—	—	—	389	1,342	34	14	48
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	16	16	—	1	1
Bahrain	—	—	—	139	—	139	139	—	5	5
Belgium	—	—	—	3	—	371	371	—	13	13
Brazil	—	—	—	—	—	1,198	5,146	141	43	184
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	79	14	1,402	308	—	17,971	132,284	4,083	642	4,724
Chad	—	—	—	—	—	—	—	—	—	—
China	6	—	—	—	—	611	611	—	22	22
Colombia	—	—	—	—	—	550	6,171	201	20	220
Denmark	—	—	—	—	—	33	33	—	1	1
Ecuador	—	—	—	—	—	209	4,080	138	7	146
Egypt	—	—	—	—	—	47	47	—	2	2
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	599	599	—	21	21
France	—	—	—	13	—	728	728	—	26	26
Germany	—	—	—	10	—	511	511	—	18	18
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	4,957	4,957	—	177	177
Indonesia	—	—	—	154	—	288	288	—	10	10
Italy	—	—	—	6	—	1,269	1,269	—	45	45
Korea, South	—	—	—	353	—	3,647	3,647	—	130	130
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	1,823	1,823	—	65	65
Mexico	—	—	—	—	—	4,695	26,803	790	168	957
Netherlands	—	—	—	66	—	3,182	3,182	—	114	114
Norway	—	—	—	—	—	524	643	4	19	23
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	542	542	—	19	19
Qatar	—	—	—	346	—	685	685	—	24	24
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	1,370	1,370	—	49	49
Sweden	—	—	—	—	—	75	75	—	3	3
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	31	31	—	1	1
United Kingdom	—	—	—	—	—	1,992	3,304	47	71	118
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	8	164	0	1	—	5,387	10,322	176	193	371
Total	93	271	1,402	1,437	—	64,351	250,012	6,631	2,298	8,929
Persian Gulf⁴	—	—	—	523	—	9,612	29,327	704	343	1,047

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, March 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	34,738	318	-	5,632	-	-	-	130	1,143	1,273
Algeria	-	-	-	319	-	-	-	-	-	-
Angola	764	-	-	-	-	-	-	-	323	323
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	863	318	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	6,910	-	-	4,449	-	-	-	-	-	-
Kuwait	362	-	-	-	-	-	-	-	69	69
Libya	1,740	-	-	-	-	-	-	-	-	-
Nigeria	6,058	-	-	-	-	-	-	-	-	-
Saudi Arabia	13,230	-	-	864	-	-	-	-	751	751
United Arab Emirates	1,428	-	-	-	-	-	-	130	-	130
Venezuela	3,383	-	-	-	-	-	-	-	-	-
Non-OPEC	160,659	5,353	600	10,682	-	2,902	2,902	4,307	9,905	14,212
Argentina	1,388	-	-	50	-	-	-	-	317	317
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	312	312	-	327	327
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	1,383	-	-	-	148	190	338
Brazil	4,498	-	-	1,175	-	-	-	-	157	157
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	118,748	5,353	600	76	-	360	360	2,503	1,889	4,392
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	323	323	-	-	-
Colombia	6,070	-	-	417	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	3,087	-	-	352	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	139	-	296	296	-	483	483
Germany	-	-	-	-	-	-	-	-	37	37
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	132	-	-	-	232	1,942	2,174
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	15	15	-	311	311
Korea, South	-	-	-	-	-	565	565	-	802	802
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	1,488	-	-	-	-	269	269
Mexico	22,359	-	-	4,403	-	-	-	-	-	-
Netherlands	-	-	-	-	-	639	639	642	432	1,074
Norway	7	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	185	185
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	517	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	117	-	328	328	-	793	793
Sweden	-	-	-	-	-	-	-	-	300	300
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	525	-	-	-	-	-	-	-	-	-
United Kingdom	324	-	-	-	-	-	-	782	302	1,084
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	3,136	0	0	950	-	64	64	0	1,169	1,169
Total	195,397	5,671	600	16,314	-	2,902	2,902	4,437	11,048	15,485
Persian Gulf⁴	22,447	-	-	5,313	-	-	-	130	820	950

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, March 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	308	-	-	-	308	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	308	-	-	-	308	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	916	786	-	4,466	9	30	-	4,505	-	4
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	90	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	303	-	-	4,179	9	30	-	4,218	-	4
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	240	-	-	-	240	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	53	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	236	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	68	-	-	-	-	-	-	-	-	-
Korea, South	-	36	-	-	47	-	-	-	47	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	37	14	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	146	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	719	-	0	0	0	-	0	-	0
Total	-	916	786	-	4,774	9	30	-	4,813	-	4
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, March 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	486	—	525	116	38	679	—	—
Algeria	—	—	—	525	116	—	641	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	35	35	—	—
Kuwait	—	345	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	3	3	—	—
Saudi Arabia	—	141	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	4,000	522	—	441	2,278	2,719	321	187
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	2	—	2	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	350	202	—	104	105	209	88	66
Chad	—	—	—	—	—	—	—	—	—
China	—	330	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	64	64	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	2	2	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	24	—	—	—	—	—	8
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	351	—	—	—	49	49	136	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	49	—	—	—	—	—	—	—
Korea, South	—	2,111	202	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	8	—	—	—	1,977	1,977	54	113
Netherlands	—	—	94	—	—	60	60	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	335	—	335	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	801	0	0	0	21	21	43	0
Total	—	4,486	522	525	557	2,316	3,398	321	187
Persian Gulf⁴	—	486	—	—	—	35	35	—	—

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, March 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	105	—	8,801	43,539	1,121	284	1,404
Algeria	—	—	—	—	—	960	960	—	31	31
Angola	—	—	—	—	—	323	1,087	25	10	35
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	318	1,181	28	10	38
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	4,484	11,394	223	145	368
Kuwait	—	—	—	—	—	414	776	12	13	25
Libya	—	—	—	—	—	—	1,740	56	—	56
Nigeria	—	—	—	—	—	311	6,369	195	10	205
Saudi Arabia	—	—	—	—	—	1,756	14,986	427	57	483
United Arab Emirates	—	—	—	105	—	235	1,663	46	8	54
Venezuela	—	—	—	—	—	—	3,383	109	—	109
Non-OPEC	140	272	1,962	1,240	—	51,323	211,982	5,183	1,656	6,838
Argentina	—	216	—	—	—	583	1,971	45	19	64
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	641	641	—	21	21
Bahrain	—	—	—	63	—	63	63	—	2	2
Belgium	—	—	—	1	—	1,722	1,722	—	56	56
Brazil	—	40	—	—	—	1,462	5,960	145	47	192
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	82	8	1,931	374	—	18,616	137,364	3,831	601	4,431
Chad	—	—	—	—	—	—	—	—	—	—
China	28	—	—	—	—	681	681	—	22	22
Colombia	—	—	—	—	—	721	6,791	196	23	219
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	354	3,441	100	11	111
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	53	53	—	2	2
France	—	—	—	8	—	958	958	—	31	31
Germany	—	—	—	19	—	292	292	—	9	9
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	2,842	2,842	—	92	92
Indonesia	—	—	—	75	—	75	75	—	2	2
Italy	—	—	31	9	—	483	483	—	16	16
Korea, South	1	—	—	522	—	4,286	4,286	—	138	138
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	1,757	1,757	—	57	57
Mexico	—	—	—	—	—	6,555	28,914	721	211	933
Netherlands	—	—	—	50	—	1,968	1,968	—	63	63
Norway	—	—	—	—	—	—	7	0	—	0
Oman	—	—	—	—	—	185	185	—	6	6
Portugal	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	118	—	118	635	17	4	20
Russia	—	—	—	—	—	—	—	—	—	—
Spain	1	—	—	—	—	1,385	1,385	—	45	45
Sweden	—	—	—	1	—	301	301	—	10	10
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	525	17	—	17
United Kingdom	—	8	—	—	—	1,427	1,751	10	46	56
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	28	0	0	0	—	3,795	6,931	101	122	223
Total	140	272	1,962	1,345	—	60,124	255,521	6,303	1,939	8,243
Persian Gulf⁴	—	—	—	286	—	7,070	29,517	724	228	952

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, April 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	33,893	49	-	9,330	-	17	17	-	2,639	2,639
Algeria	345	-	-	610	-	-	-	-	1,913	1,913
Angola	2,200	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	166	49	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	5,790	-	-	5,123	-	-	-	-	-	-
Kuwait	368	-	-	-	-	-	-	-	-	-
Libya	2,623	-	-	-	-	-	-	-	-	-
Nigeria	6,560	-	-	257	-	-	-	-	139	139
Saudi Arabia	11,631	-	-	3,340	-	-	-	-	387	387
United Arab Emirates	-	-	-	-	-	17	17	-	200	200
Venezuela	4,210	-	-	-	-	-	-	-	-	-
Non-OPEC	152,715	3,685	516	9,822	-	4,507	4,507	4,386	15,119	19,505
Argentina	960	-	-	-	-	12	12	-	21	21
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	614	614	-	326	326
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	4	4	-	401	401
Brazil	3,803	-	-	673	-	-	-	-	112	112
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	109,609	3,628	516	575	-	287	287	1,978	1,770	3,748
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	5,030	-	-	66	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	6	6
Ecuador	3,424	-	-	765	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	68	68	270	289	559
France	-	-	-	-	-	255	255	-	487	487
Germany	-	-	-	-	-	8	8	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	365	-	371	371	319	2,713	3,032
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	147	-	199	199	-	878	878
Korea, South	-	-	-	-	-	257	257	-	1,351	1,351
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	108	108	-	333	333
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	18,167	-	-	5,155	-	-	-	-	-	-
Netherlands	-	-	-	129	-	865	865	625	1,763	2,388
Norway	1,208	-	-	-	-	619	619	310	368	678
Oman	-	-	-	-	-	-	-	-	78	78
Portugal	-	-	-	-	-	34	34	-	1,132	1,132
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	132	-	393	393	-	1,251	1,251
Sweden	-	-	-	-	-	132	132	-	210	210
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	1,604	57	-	-	-	-	-	-	-	-
United Kingdom	1,933	-	-	-	-	-	-	884	340	1,224
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	6,977	0	0	1,815	-	281	281	0	1,290	1,290
Total	186,608	3,734	516	19,152	-	4,524	4,524	4,386	17,758	22,144
Persian Gulf⁴	17,789	-	-	8,463	-	17	17	-	587	587

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, April 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	1,000	420	-	4,661	6	3	-	4,670	-	6
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	52	-	-	-	52	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	493	-	-	-	493	-	-
Canada	-	242	-	-	3,579	6	3	-	3,588	-	6
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	530	-	-	-	530	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	378	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	90	-	-	-	-	-	-	-	-	-
Korea, South	-	92	-	-	7	-	-	-	7	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	198	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	420	-	0	0	0	-	0	-	0
Total	-	1,000	420	-	4,661	6	3	-	4,670	-	6
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, April 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	824	—	—	31	57	88	—	—
Algeria	—	—	—	—	28	28	56	—	—
Angola	—	—	—	—	3	—	3	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	29	29	—	—
Kuwait	—	409	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	415	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	3,323	667	313	676	1,926	2,915	591	181
Argentina	—	—	—	—	179	—	179	—	26
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	16
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	455	103	—	88	108	196	92	72
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	370	370	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	25	—	—	—	—	—	16
Germany	—	—	14	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	117	—	—	—	1	1	—	—
Korea, South	—	1,704	519	—	—	—	—	83	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	119	—	—	119	—	—
Mexico	—	—	—	—	—	962	962	49	51
Netherlands	—	—	—	—	—	51	51	88	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	13	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	23	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	20	20	30	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	1,047	6	194	409	414	1,017	213	0
Total	—	4,147	667	313	707	1,983	3,003	591	181
Persian Gulf⁴	—	824	—	—	—	29	29	13	—

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, April 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	225	—	13,172	47,065	1,130	439	1,569
Algeria	—	—	—	—	—	2,579	2,924	12	86	97
Angola	—	—	—	—	—	3	2,203	73	0	73
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	49	215	6	2	7
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	5,152	10,942	193	172	365
Kuwait	—	—	—	—	—	409	777	12	14	26
Libya	—	—	—	—	—	—	2,623	87	—	87
Nigeria	—	—	—	—	—	396	6,956	219	13	232
Saudi Arabia	—	—	—	—	—	4,142	15,773	388	138	526
United Arab Emirates	—	—	—	225	—	442	442	—	15	15
Venezuela	—	—	—	—	—	—	4,210	140	—	140
Non-OPEC	106	151	1,777	1,400	—	55,242	207,957	5,091	1,841	6,932
Argentina	—	—	—	1	—	239	1,199	32	8	40
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	940	940	—	31	31
Bahrain	—	—	—	65	—	65	65	—	2	2
Belgium	—	—	—	4	—	409	409	—	14	14
Brazil	—	—	—	—	—	853	4,656	127	28	155
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	493	493	—	16	16
Canada	85	22	1,601	288	—	15,504	125,113	3,654	517	4,170
Chad	—	—	—	—	—	—	—	—	—	—
China	5	—	—	—	—	5	5	—	0	0
Colombia	—	112	—	—	—	1,078	6,108	168	36	204
Denmark	—	—	—	—	—	6	6	—	0	0
Ecuador	—	—	—	—	—	765	4,189	114	26	140
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	627	627	—	21	21
France	—	—	—	1	—	784	784	—	26	26
Germany	—	—	—	18	—	418	418	—	14	14
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	3,768	3,768	—	126	126
Indonesia	—	—	—	60	—	60	60	—	2	2
Italy	—	—	—	8	—	1,440	1,440	—	48	48
Korea, South	—	—	—	298	—	4,311	4,311	—	144	144
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	441	441	—	15	15
Malaysia	4	—	—	—	—	123	123	—	4	4
Mexico	—	—	—	—	—	6,217	24,384	606	207	813
Netherlands	—	—	35	—	—	3,556	3,556	—	119	119
Norway	—	—	—	—	—	1,297	2,505	40	43	84
Oman	—	—	—	—	—	78	78	—	3	3
Portugal	—	—	—	—	—	1,166	1,166	—	39	39
Qatar	—	—	—	657	—	670	670	—	22	22
Russia	—	—	—	—	—	—	—	—	—	—
Spain	2	—	—	—	—	1,999	1,999	—	67	67
Sweden	—	—	—	—	—	342	342	—	11	11
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	57	1,661	53	2	55
United Kingdom	—	17	—	—	—	1,291	3,224	64	43	107
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	10	0	141	0	—	6,240	13,217	233	207	440
Total	106	151	1,777	1,625	—	68,414	255,022	6,220	2,280	8,501
Persian Gulf⁴	—	—	—	947	—	10,880	28,669	593	363	956

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, May 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	31,344	53	-	5,992	-	17	17	435	1,546	1,981
Algeria	934	-	-	1,769	-	-	-	-	-	-
Angola	1,378	-	-	-	-	-	-	-	278	278
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	53	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	6,012	-	-	3,382	-	-	-	-	-	-
Kuwait	746	-	-	-	-	-	-	-	-	-
Libya	2,337	-	-	-	-	-	-	-	-	-
Nigeria	4,832	-	-	-	-	-	-	-	145	145
Saudi Arabia	9,378	-	-	841	-	-	-	-	813	813
United Arab Emirates	-	-	-	-	-	17	17	435	310	745
Venezuela	5,727	-	-	-	-	-	-	-	-	-
Non-OPEC	169,063	3,352	577	9,099	-	6,187	6,187	4,526	13,961	18,487
Argentina	1,419	-	-	-	-	13	13	-	372	372
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	830	830	-	275	275
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	510	510	-	124	124
Brazil	3,094	-	-	1,111	-	250	250	-	383	383
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	122,631	3,352	577	1,059	-	413	413	2,466	1,516	3,982
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	6,541	-	-	325	-	-	-	-	175	175
Denmark	-	-	-	-	-	2	2	1	78	79
Ecuador	5,251	-	-	656	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	23	23	9	422	431
France	-	-	-	-	-	466	466	22	207	229
Germany	-	-	-	-	-	-	-	-	33	33
Guatemala	281	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	216	216	-	2,856	2,856
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	171	-	98	98	-	659	659
Korea, South	-	-	-	-	-	580	580	-	602	602
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	193	193
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	21,969	-	-	4,817	-	-	-	-	-	-
Netherlands	383	-	-	263	-	564	564	738	1,181	1,919
Norway	402	-	-	-	-	702	702	258	642	900
Oman	-	-	-	-	-	4	4	-	30	30
Portugal	-	-	-	-	-	4	4	1	1,188	1,189
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	62	-	197	197	31	1,153	1,184
Sweden	-	-	-	-	-	22	22	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	618	-	-	-	-	-	-	-	-	-
United Kingdom	407	-	-	-	-	870	870	1,000	121	1,121
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	6,067	0	0	635	-	423	423	0	1,751	1,751
Total	200,407	3,405	577	15,091	-	6,204	6,204	4,961	15,507	20,468
Persian Gulf⁴	16,136	-	-	4,223	-	17	17	435	1,123	1,558

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, May 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	832	1,149	-	5,200	11	3	-	5,214	20	10	
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	5	-	-	-	5	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	266	-	-	4,594	11	3	-	4,608	20	10	
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	1	-	-	-	1	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	173	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	314	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	116	-	-	-	-	-	-	-	-	-	-
Korea, South	-	63	-	-	300	-	-	-	300	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	73	-	-	45	-	-	-	45	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	976	-	255	0	0	-	255	0	0	
Total	-	832	1,149	-	5,200	11	3	-	5,214	20	10	
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, May 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	1,075	-	-	-	25	25	7	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	15	15	-	-
Kuwait	-	498	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	10	10	7	-
United Arab Emirates	-	577	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	3,658	453	-	221	2,437	2,658	697	199
Argentina	-	-	-	-	-	-	-	-	18
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	21	-	2	-	2	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	704	98	-	168	406	574	85	100
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	419	419	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	41
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	191	-	-	-	-	-	39	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	39	-
Korea, South	-	2,503	318	-	-	-	-	261	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	1,455	1,455	35	40
Netherlands	-	-	-	-	-	94	94	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	4	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	13	-	13	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	4	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	260	16	-	38	63	101	230	0
Total	-	4,733	453	-	221	2,462	2,683	704	199
Persian Gulf⁴	-	1,075	-	-	-	25	25	7	-

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, May 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	139	—	9,289	40,633	1,011	300	1,311
Algeria	—	—	—	—	—	1,769	2,703	30	57	87
Angola	—	—	—	—	—	278	1,656	44	9	53
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	53	53	—	2	2
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	3,397	9,409	194	110	304
Kuwait	—	—	—	—	—	498	1,244	24	16	40
Libya	—	—	—	—	—	—	2,337	75	—	75
Nigeria	—	—	—	—	—	145	4,977	156	5	161
Saudi Arabia	—	—	—	—	—	1,671	11,049	303	54	356
United Arab Emirates	—	—	—	139	—	1,478	1,478	—	48	48
Venezuela	—	—	—	—	—	—	5,727	185	—	185
Non-OPEC	123	32	1,186	1,349	—	55,282	224,345	5,454	1,783	7,237
Argentina	—	—	—	—	—	403	1,822	46	13	59
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	1,105	1,105	—	36	36
Bahrain	—	—	—	97	—	97	97	—	3	3
Belgium	—	—	—	1	—	635	635	—	20	20
Brazil	—	—	—	—	—	1,772	4,866	100	57	157
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	87	31	1,186	278	—	17,430	140,061	3,956	562	4,518
Chad	—	—	—	—	—	—	—	—	—	—
China	7	—	—	—	—	7	7	—	0	0
Colombia	—	—	—	—	—	919	7,460	211	30	241
Denmark	—	—	—	—	—	81	81	—	3	3
Ecuador	—	—	—	—	—	657	5,908	169	21	191
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	627	627	—	20	20
France	—	—	—	6	—	742	742	—	24	24
Germany	—	—	—	21	—	368	368	—	12	12
Guatemala	—	—	—	—	—	—	281	9	—	9
India	—	—	—	—	—	3,302	3,302	—	107	107
Indonesia	—	—	—	56	—	56	56	—	2	2
Italy	—	—	—	5	—	1,088	1,088	—	35	35
Korea, South	—	—	—	373	—	5,000	5,000	—	161	161
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	193	193	—	6	6
Malaysia	4	—	—	—	—	4	4	—	0	0
Mexico	—	—	—	—	—	6,347	28,316	709	205	913
Netherlands	—	—	—	92	—	2,932	3,315	12	95	107
Norway	—	—	—	—	—	1,602	2,004	13	52	65
Oman	—	—	—	—	—	38	38	—	1	1
Portugal	—	—	—	—	—	1,193	1,193	—	38	38
Qatar	—	—	—	416	—	416	416	—	13	13
Russia	—	—	—	—	—	—	—	—	—	—
Spain	1	—	—	—	—	1,575	1,575	—	51	51
Sweden	—	—	—	2	—	24	24	—	1	1
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	618	20	—	20
United Kingdom	12	—	—	—	—	2,007	2,414	13	65	78
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	12	1	0	2	—	4,662	10,729	196	150	346
Total	123	32	1,186	1,488	—	64,571	264,978	6,465	2,083	8,548
Persian Gulf⁴	—	—	—	652	—	7,557	23,693	521	244	764

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, June 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	31,211	57	-	7,694	-	-	-	-	1,354	1,354
Algeria	500	-	-	1,826	-	-	-	-	15	15
Angola	1,398	-	-	-	-	-	-	-	30	30
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	57	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	5,462	-	-	3,868	-	-	-	-	-	-
Kuwait	599	-	-	230	-	-	-	-	-	-
Libya	3,352	-	-	-	-	-	-	-	-	-
Nigeria	4,628	-	-	-	-	-	-	-	-	-
Saudi Arabia	11,498	-	-	1,730	-	-	-	-	1,309	1,309
United Arab Emirates	-	-	-	40	-	-	-	-	-	-
Venezuela	3,774	-	-	-	-	-	-	-	-	-
Non-OPEC	164,318	3,327	530	12,147	-	4,201	4,201	4,230	18,728	22,958
Argentina	967	-	-	-	-	-	-	-	212	212
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	339	-	-	50	-	-	-	-	-	-
Bahamas	-	-	-	-	-	1,133	1,133	-	646	646
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	484	484	137	661	798
Brazil	6,604	-	-	2,098	-	-	-	-	244	244
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	113,899	3,327	530	1,545	-	349	349	2,012	1,964	3,976
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	6,111	-	-	286	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	2,651	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	10	10	2	734	736
France	-	-	-	-	-	106	106	166	45	211
Germany	-	-	-	-	-	2	2	96	38	134
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	550	-	114	114	-	3,126	3,126
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	178	-	51	51	-	1,143	1,143
Korea, South	-	-	-	-	-	386	386	-	484	484
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	25	25	22	30	52
Malaysia	-	-	-	564	-	-	-	-	-	-
Mexico	25,012	-	-	5,159	-	-	-	-	-	-
Netherlands	-	-	-	298	-	420	420	319	2,408	2,727
Norway	-	-	-	-	-	19	19	131	1,452	1,583
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	254	-	-	-	-	1,333	1,333
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	561	561	6	1,861	1,867
Sweden	-	-	-	-	-	112	112	37	293	330
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	1,910	-	-	-	-	-	-	-	-	-
United Kingdom	1,795	-	-	-	-	404	404	1,261	747	2,008
Vietnam	285	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	4,745	0	0	1,165	-	25	25	41	1,307	1,348
Total	195,529	3,384	530	19,841	-	4,201	4,201	4,230	20,082	24,312
Persian Gulf⁴	17,559	-	-	5,868	-	-	-	-	1,309	1,309

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, June 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	1,016	681	0	4,131	8	2	-	4,141	-	7
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	269	-	-	-	269	-	-
Canada	-	290	-	-	3,804	8	2	-	3,814	-	7
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	622	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	104	-	-	58	-	-	-	58	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	681	0	0	0	0	-	0	-	0
Total	-	1,016	681	0	4,131	8	2	-	4,141	-	7
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, June 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	698	—	—	198	170	368	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	698	—	—	95	170	265	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	103	—	103	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	3,626	608	305	576	1,855	2,736	361	188
Argentina	—	—	—	—	—	—	—	—	24
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	305	137	—	442	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	11	11	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	426	116	—	176	189	365	93	64
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	34
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	2,160	492	—	—	—	—	108	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	267	267	—	—
Mexico	—	—	—	—	—	625	625	35	66
Netherlands	—	—	—	—	—	206	206	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	14	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	1,040	0	0	263	557	820	111	0
Total	—	4,324	608	305	774	2,025	3,104	361	188
Persian Gulf⁴	—	698	—	—	198	170	368	14	—

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, June 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	134	—	223	—	10,528	41,739	1,040	351	1,391
Algeria	—	—	—	—	—	1,841	2,341	17	61	78
Angola	—	—	—	—	—	30	1,428	47	1	48
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	57	57	—	2	2
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	3,868	9,330	182	129	311
Kuwait	—	—	—	—	—	1,193	1,792	20	40	60
Libya	—	—	—	—	—	—	3,352	112	—	112
Nigeria	—	—	—	—	—	—	4,628	154	—	154
Saudi Arabia	—	—	—	—	—	3,039	14,537	383	101	485
United Arab Emirates	—	134	—	223	—	500	500	—	17	17
Venezuela	—	—	—	—	—	—	3,774	126	—	126
Non-OPEC	104	485	1,513	1,127	—	59,756	224,074	5,477	1,992	7,469
Argentina	—	94	—	1	—	331	1,298	32	11	43
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	492	831	11	16	28
Bahamas	—	—	—	—	—	1,779	1,779	—	59	59
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	11	—	1,293	1,293	—	43	43
Brazil	—	88	—	—	—	2,441	9,045	220	81	302
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	269	269	—	9	9
Canada	66	17	1,463	277	—	16,725	130,624	3,797	558	4,354
Chad	—	—	—	—	—	—	—	—	—	—
China	20	—	—	—	—	20	20	—	1	1
Colombia	—	—	—	—	—	286	6,397	204	10	213
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	2,651	88	—	88
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	746	746	—	25	25
France	—	—	—	7	—	358	358	—	12	12
Germany	—	—	—	10	—	768	768	—	26	26
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	3,790	3,790	—	126	126
Indonesia	—	—	—	75	—	75	75	—	3	3
Italy	—	—	—	6	—	1,378	1,378	—	46	46
Korea, South	—	—	—	366	—	4,158	4,158	—	139	139
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	77	77	—	3	3
Malaysia	8	—	—	—	—	839	839	—	28	28
Mexico	—	—	—	—	—	5,885	30,897	834	196	1,030
Netherlands	—	—	—	35	—	3,686	3,686	—	123	123
Norway	—	—	—	—	—	1,602	1,602	—	53	53
Oman	—	132	—	—	—	132	132	—	4	4
Portugal	—	—	—	—	—	1,587	1,587	—	53	53
Qatar	—	—	—	326	—	340	340	—	11	11
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	24	13	—	2,465	2,465	—	82	82
Sweden	—	—	—	—	—	442	442	—	15	15
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	1,910	64	—	64
United Kingdom	—	—	—	—	—	2,412	4,207	60	80	140
Vietnam	—	—	—	—	—	—	285	10	—	10
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	10	154	26	0	—	5,380	10,125	157	179	336
Total	104	619	1,513	1,350	—	70,284	265,813	6,518	2,343	8,860
Persian Gulf⁴	—	134	—	549	—	8,940	26,499	585	298	883

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, July 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	32,408	103	-	7,160	-	128	128	-	1,874	1,874
Algeria	565	-	-	1,801	-	-	-	-	661	661
Angola	1,108	103	-	-	-	128	128	-	29	29
Congo (Brazzaville)	994	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	6,329	-	-	3,078	-	-	-	-	-	-
Kuwait	819	-	-	-	-	-	-	-	-	-
Libya	609	-	-	-	-	-	-	-	-	-
Nigeria	5,086	-	-	-	-	-	-	-	-	-
Saudi Arabia	12,159	-	-	2,281	-	-	-	-	1,030	1,030
United Arab Emirates	-	-	-	-	-	-	-	-	154	154
Venezuela	4,739	-	-	-	-	-	-	-	-	-
Non-OPEC	163,057	3,460	539	10,362	-	2,875	2,875	4,468	13,871	18,339
Argentina	1,688	-	-	-	-	-	-	-	176	176
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	75	75
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	304	-	506	506	7	236	243
Brazil	6,041	-	-	838	-	-	-	-	801	801
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	112,667	3,460	539	419	-	394	394	1,594	1,888	3,482
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	491	491
Colombia	6,453	-	-	151	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	37	-	37
Ecuador	5,951	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	55	55
France	-	-	-	-	-	11	11	-	441	441
Germany	-	-	-	-	-	55	55	12	102	114
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	2,171	2,171
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	79	-	-	-	13	403	416
Korea, South	-	-	-	-	-	672	672	-	216	216
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	1,034	-	-	-	-	-	-
Mexico	23,134	-	-	4,718	-	-	-	-	-	-
Netherlands	-	-	-	274	-	896	896	1,295	1,522	2,817
Norway	209	-	-	-	-	-	-	-	1,215	1,215
Oman	-	-	-	645	-	-	-	-	-	-
Portugal	-	-	-	122	-	-	-	44	558	602
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	837	-	332	332	-	1,368	1,368
Sweden	-	-	-	-	-	-	-	20	-	20
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	1,505	-	-	-	-	-	-	-	-	-
United Kingdom	1,429	-	-	-	-	9	9	1,334	333	1,667
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	2,986	0	0	941	-	0	0	112	1,820	1,932
Total	195,465	3,563	539	17,522	-	3,003	3,003	4,468	15,745	20,213
Persian Gulf⁴	19,307	-	-	5,359	-	-	-	-	1,184	1,184

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, July 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	725	783	52	3,649	5	2	-	3,656	-	47
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	26	-	-	-	26	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	294	-	-	3,347	5	2	-	3,354	-	3
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	52	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	237	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	118	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	98	-	-	-	98	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	44
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	76	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	0	-	-	-	0	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	783	0	178	0	0	-	178	-	0
Total	-	725	783	52	3,649	5	2	-	3,656	-	47
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, July 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	749	—	—	—	374	374	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	35	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	293	—	—	—	374	374	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	421	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	3,233	838	—	155	1,904	2,059	375	131
Argentina	—	25	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	65	—	—	—	—	—	—	—
Brazil	—	—	42	—	—	—	—	—	4
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	336	174	—	60	151	211	89	70
Chad	—	—	—	—	—	—	—	—	—
China	—	307	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	30	30	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	20
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	116	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	1,633	522	—	—	—	—	52	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	82	82	—	—
Mexico	—	—	—	—	—	1,421	1,421	66	37
Netherlands	—	—	38	—	—	109	109	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	46	109	155	—	—
Qatar	—	—	—	—	—	—	—	15	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	49	—	49	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	751	62	—	0	2	2	153	0
Total	—	3,982	838	—	155	2,278	2,433	375	131
Persian Gulf⁴	—	714	—	—	—	374	374	15	—

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, July 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	75	—	10,463	42,871	1,045	338	1,383
Algeria	—	—	—	—	—	2,462	3,027	18	79	98
Angola	—	—	—	—	—	295	1,403	36	10	45
Congo (Brazzaville)	—	—	—	—	—	—	994	32	—	32
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	3,078	9,407	204	99	303
Kuwait	—	—	—	—	—	667	1,486	26	22	48
Libya	—	—	—	—	—	—	609	20	—	20
Nigeria	—	—	—	—	—	—	5,086	164	—	164
Saudi Arabia	—	—	—	35	—	3,767	15,926	392	122	514
United Arab Emirates	—	—	—	40	—	194	194	—	6	6
Venezuela	—	—	—	—	—	—	4,739	153	—	153
Non-OPEC	154	9	2,130	1,285	—	51,052	214,109	5,260	1,647	6,907
Argentina	—	—	—	—	—	201	1,889	54	6	61
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	75	75	—	2	2
Bahrain	—	—	—	120	—	120	120	—	4	4
Belgium	—	—	—	—	—	1,118	1,118	—	36	36
Brazil	—	—	—	—	—	1,711	7,752	195	55	250
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	99	8	1,973	291	—	15,196	127,863	3,634	490	4,125
Chad	—	—	—	—	—	—	—	—	—	—
China	44	—	—	—	—	842	842	—	27	27
Colombia	—	—	—	—	—	181	6,634	208	6	214
Denmark	—	—	—	—	—	37	37	—	1	1
Ecuador	—	—	—	—	—	—	5,951	192	—	192
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	107	107	—	3	3
France	—	—	—	5	—	477	477	—	15	15
Germany	—	—	—	16	—	422	422	—	14	14
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	2,287	2,287	—	74	74
Indonesia	—	—	—	112	—	112	112	—	4	4
Italy	—	—	—	6	—	619	619	—	20	20
Korea, South	—	—	31	318	—	3,542	3,542	—	114	114
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	1,116	1,116	—	36	36
Mexico	—	—	—	—	—	6,242	29,376	746	201	948
Netherlands	—	—	—	83	—	4,261	4,261	—	137	137
Norway	—	—	—	—	—	1,215	1,424	7	39	46
Oman	—	—	—	—	—	645	645	—	21	21
Portugal	—	—	—	—	—	879	879	—	28	28
Qatar	—	—	—	332	—	347	347	—	11	11
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	0	—	2,613	2,613	—	84	84
Sweden	—	—	—	—	—	69	69	—	2	2
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	1,505	49	—	49
United Kingdom	—	—	—	—	—	1,676	3,105	46	54	100
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	11	1	126	2	—	4,942	7,928	97	163	257
Total	154	9	2,130	1,360	—	61,515	256,980	6,305	1,984	8,290
Persian Gulf⁴	—	—	—	527	—	8,173	27,480	623	264	886

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, August 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	37,183	65	-	5,328	-	75	75	1	1,951	1,952
Algeria	398	-	-	2,085	-	-	-	1	340	341
Angola	1,574	-	-	159	-	-	-	-	150	150
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	65	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	447	-	-	-	-	-	-	-	-	-
Iraq	7,807	-	-	2,091	-	-	-	-	-	-
Kuwait	1,853	-	-	-	-	-	-	-	-	-
Libya	2,854	-	-	-	-	-	-	-	-	-
Nigeria	5,947	-	-	120	-	75	75	-	125	125
Saudi Arabia	12,281	-	-	609	-	-	-	-	1,309	1,309
United Arab Emirates	-	-	-	264	-	-	-	-	27	27
Venezuela	4,022	-	-	-	-	-	-	-	-	-
Non-OPEC	179,471	3,857	587	9,673	-	2,537	2,537	3,294	17,116	20,410
Argentina	1,911	-	-	-	-	-	-	-	232	232
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	401	401
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	583	-	1,068	1,068	18	240	258
Brazil	5,950	-	-	1,118	-	41	41	-	511	511
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	124,559	3,857	587	1,069	-	490	490	1,822	2,067	3,889
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	52	52	-	-	-
Colombia	8,278	-	-	154	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	7,174	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	629	629
France	-	-	-	290	-	95	95	-	560	560
Germany	-	-	-	-	-	9	9	119	73	192
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	364	-	246	246	-	2,272	2,272
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	1,258	1,258
Korea, South	-	-	-	-	-	210	210	-	722	722
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	1,273	1,273
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	22,551	-	-	4,050	-	-	-	-	-	-
Netherlands	-	-	-	186	-	276	276	189	2,747	2,936
Norway	366	-	-	-	-	-	-	302	636	938
Oman	-	-	-	-	-	-	-	-	283	283
Portugal	-	-	-	327	-	-	-	-	1,095	1,095
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	703	703
Sweden	-	-	-	-	-	-	-	21	308	329
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	1,527	-	-	-	-	-	-	-	-	-
United Kingdom	400	-	-	-	-	50	50	718	269	987
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	6,755	0	0	1,532	-	0	0	105	837	942
Total	216,654	3,922	587	15,001	-	2,612	2,612	3,295	19,067	22,362
Persian Gulf⁴	22,388	-	-	2,964	-	-	-	-	1,336	1,336

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, August 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	249	991	1,003	0	4,124	5	9	-	4,138	50	42	
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	54	-	-	-	-	-	-	-	-	-	-
Brazil	249	-	-	-	27	-	-	-	27	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	297	-	0	3,941	5	9	-	3,955	-	7	
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	311	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	174	-	-	10	-	-	-	10	-	-	
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	46	-	-	-	-	-	-	-	-	35
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	155	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	50	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	0	0	957	0	146	0	0	-	146	0	0	
Total	249	991	1,003	0	4,124	5	9	-	4,138	50	42	
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, August 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	99	—	—	—	69	69	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	7	7	—	—
Kuwait	—	99	—	—	—	62	62	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	2,812	363	—	744	1,434	2,178	272	162
Argentina	—	—	—	—	—	—	—	—	23
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	7	—	—	—	—	—	—
Brazil	—	—	—	—	150	334	484	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	405	82	—	70	81	151	93	99
Chad	—	—	—	—	—	—	—	—	—
China	—	300	—	—	92	—	92	—	—
Colombia	—	—	—	—	58	538	596	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	27
Germany	—	—	22	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	49	49	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	1,441	207	—	—	—	—	116	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	123	—	—	—	15	15	—	—
Mexico	—	—	—	—	—	247	247	20	13
Netherlands	—	—	45	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	543	0	—	374	170	544	43	0
Total	—	2,911	363	—	744	1,503	2,247	272	162
Persian Gulf⁴	—	99	—	—	—	69	69	—	—

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, August 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	179	—	7,767	44,950	1,199	251	1,450
Algeria	—	—	—	—	—	2,426	2,824	13	78	91
Angola	—	—	—	—	—	309	1,883	51	10	61
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	65	65	—	2	2
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	447	14	—	14
Iraq	—	—	—	—	—	2,098	9,905	252	68	320
Kuwait	—	—	—	—	—	161	2,014	60	5	65
Libya	—	—	—	—	—	—	2,854	92	—	92
Nigeria	—	—	—	—	—	320	6,267	192	10	202
Saudi Arabia	—	—	—	—	—	1,918	14,199	396	62	458
United Arab Emirates	—	—	—	179	—	470	470	—	15	15
Venezuela	—	—	—	—	—	—	4,022	130	—	130
Non-OPEC	142	204	1,975	1,003	—	52,648	232,119	5,789	1,698	7,488
Argentina	—	107	—	—	—	362	2,273	62	12	73
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	401	401	—	13	13
Bahrain	—	—	—	69	—	69	69	—	2	2
Belgium	—	—	—	15	—	1,985	1,985	—	64	64
Brazil	—	87	—	—	—	2,517	8,467	192	81	273
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	92	9	1,798	337	—	17,217	141,776	4,018	555	4,573
Chad	—	—	—	—	—	—	—	—	—	—
China	21	—	—	—	—	465	465	—	15	15
Colombia	—	—	—	—	—	750	9,028	267	24	291
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	7,174	231	—	231
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	50	—	679	679	—	22	22
France	—	—	—	8	—	980	980	—	32	32
Germany	—	—	—	9	—	543	543	—	18	18
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	2,931	2,931	—	95	95
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	8	—	1,266	1,266	—	41	41
Korea, South	—	—	—	191	—	3,071	3,071	—	99	99
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	1,273	1,273	—	41	41
Malaysia	—	—	—	—	—	138	138	—	4	4
Mexico	—	—	—	—	—	4,330	26,881	727	140	867
Netherlands	—	—	—	—	—	3,524	3,524	—	114	114
Norway	—	—	—	—	—	938	1,304	12	30	42
Oman	—	—	—	—	—	283	283	—	9	9
Portugal	—	—	—	—	—	1,422	1,422	—	46	46
Qatar	—	—	—	312	—	312	312	—	10	10
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	71	—	—	929	929	—	30	30
Sweden	—	1	—	—	—	330	330	—	11	11
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	1,527	49	—	49
United Kingdom	12	—	—	1	—	1,100	1,500	13	35	48
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	17	0	106	3	—	4,833	11,588	218	155	375
Total	142	204	1,975	1,182	—	60,415	277,069	6,989	1,949	8,938
Persian Gulf⁴	—	—	—	560	—	5,028	27,416	722	162	884

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, September 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	35,374	316	-	6,419	-	-	-	245	1,415	1,660
Algeria	1,997	-	-	1,446	-	-	-	-	12	12
Angola	1,237	269	-	101	-	-	-	-	428	428
Congo (Brazzaville)	901	-	-	99	-	-	-	-	-	-
Equatorial Guinea	-	47	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	530	-	-	-	-	-	-	-	-	-
Iraq	7,529	-	-	2,313	-	-	-	-	-	-
Kuwait	759	-	-	-	-	-	-	-	-	-
Libya	1,644	-	-	-	-	-	-	-	-	-
Nigeria	3,168	-	-	-	-	-	-	-	186	186
Saudi Arabia	10,586	-	-	2,460	-	-	-	245	789	1,034
United Arab Emirates	2,139	-	-	-	-	-	-	-	-	-
Venezuela	4,884	-	-	-	-	-	-	-	-	-
Non-OPEC	165,118	3,550	535	7,920	-	4,758	4,758	3,756	12,546	16,302
Argentina	2,269	-	-	-	-	-	-	-	267	267
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	211	211	40	86	126
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	312	-	703	703	278	-	278
Brazil	8,641	-	-	592	-	41	41	-	1,850	1,850
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	113,748	3,550	535	432	-	566	566	2,196	1,236	3,432
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	479	479	-	-	-
Colombia	6,073	-	-	-	-	-	-	-	18	18
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	2,996	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	271	271
France	-	-	-	93	-	328	328	-	386	386
Germany	-	-	-	-	-	155	155	-	-	-
Guatemala	279	-	-	-	-	-	-	-	-	-
India	-	-	-	268	-	-	-	-	1,161	1,161
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	277	-	-	-	184	1,230	1,414
Korea, South	-	-	-	-	-	797	797	-	353	353
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	317	317
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	22,284	-	-	4,435	-	-	-	-	215	215
Netherlands	-	-	-	218	-	435	435	-	494	494
Norway	-	-	-	-	-	427	427	-	722	722
Oman	-	-	-	-	-	-	-	-	217	217
Portugal	-	-	-	217	-	284	284	-	473	473
Qatar	484	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	750	-	-	-	-	1,112	1,112
Sweden	-	-	-	-	-	-	-	160	331	491
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	1,404	-	-	-	-	-	-	-	-	-
United Kingdom	2,036	-	-	-	-	16	16	898	316	1,214
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	4,003	0	0	227	-	316	316	0	1,491	1,491
Total	200,492	3,866	535	14,339	-	4,758	4,758	4,001	13,961	17,962
Persian Gulf⁴	22,027	-	-	4,773	-	-	-	245	789	1,034

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, September 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	400	1,280	405	-	3,561	3	2	-	3,566	-	47	
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	400	51	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	189	-	-	2,901	3	2	-	2,906	-	3	
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	476	-	-	-	476	-	-	
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	419	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	178	-	-	-	-	-	-	-	-	-	-
Korea, South	-	138	-	-	148	-	-	-	148	-	-	
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	42	-	-	-	-	-	-	-	44	
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	305	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	0	0	363	-	36	0	0	-	36	-	0	
Total	400	1,280	405	-	3,561	3	2	-	3,566	-	47	
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, September 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	652	—	380	—	1	381	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	380	—	—	380	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	1	1	—	—
Kuwait	—	652	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	8	2,630	532	—	1,008	2,351	3,359	153	129
Argentina	—	—	—	—	—	—	—	—	16
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	129	129	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	35	—	—	—	—	—	—
Brazil	—	—	—	—	365	437	802	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	210	158	—	68	440	508	90	63
Chad	—	—	—	—	—	—	—	—	—
China	—	322	—	—	—	—	—	—	—
Colombia	—	98	—	—	—	935	935	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	12	12	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	29
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	532	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	8	1,158	324	—	—	—	—	22	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	1	1	—	—
Mexico	—	—	—	—	—	271	271	13	21
Netherlands	—	—	15	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	0	310	0	-380	575	126	321	28	0
Total	8	3,282	532	380	1,008	2,352	3,740	153	129
Persian Gulf⁴	—	652	—	—	—	1	1	—	—

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, September 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	—	—	9,428	44,802	1,179	314	1,493
Algeria	—	—	—	—	—	1,458	3,455	67	49	115
Angola	—	—	—	—	—	798	2,035	41	27	68
Congo (Brazzaville)	—	—	—	—	—	479	1,380	30	16	46
Equatorial Guinea	—	—	—	—	—	47	47	—	2	2
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	530	18	—	18
Iraq	—	—	—	—	—	2,314	9,843	251	77	328
Kuwait	—	—	—	—	—	652	1,411	25	22	47
Libya	—	—	—	—	—	—	1,644	55	—	55
Nigeria	—	—	—	—	—	186	3,354	106	6	112
Saudi Arabia	—	—	—	—	—	3,494	14,080	353	116	469
United Arab Emirates	—	—	—	—	—	—	2,139	71	—	71
Venezuela	—	—	—	—	—	—	4,884	163	—	163
Non-OPEC	102	206	1,756	1,165	—	48,803	213,921	5,504	1,627	7,131
Argentina	—	—	—	—	—	283	2,552	76	9	85
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	466	466	—	16	16
Bahrain	—	—	—	69	—	69	69	—	2	2
Belgium	—	—	—	2	—	1,330	1,330	—	44	44
Brazil	—	199	—	—	—	3,935	12,576	288	131	419
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	87	6	1,403	267	—	14,405	128,153	3,792	480	4,272
Chad	—	—	—	—	—	—	—	—	—	—
China	2	—	—	—	—	803	803	—	27	27
Colombia	—	—	—	—	—	1,527	7,600	202	51	253
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	12	3,008	100	0	100
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	271	271	—	9	9
France	—	—	—	4	—	840	840	—	28	28
Germany	—	—	—	16	—	590	590	—	20	20
Guatemala	—	—	—	—	—	—	279	9	—	9
India	—	—	—	—	—	1,961	1,961	—	65	65
Indonesia	—	—	—	133	—	133	133	—	4	4
Italy	—	—	—	5	—	1,874	1,874	—	62	62
Korea, South	—	—	—	293	—	3,241	3,241	—	108	108
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	317	317	—	11	11
Malaysia	5	—	—	—	—	6	6	—	0	0
Mexico	—	—	—	—	—	4,955	27,239	743	165	908
Netherlands	—	—	39	10	—	1,297	1,297	—	43	43
Norway	—	—	—	—	—	1,149	1,149	—	38	38
Oman	—	—	—	—	—	217	217	—	7	7
Portugal	—	—	—	—	—	974	974	—	32	32
Qatar	—	—	—	365	—	365	849	16	12	28
Russia	—	—	—	—	—	—	—	—	—	—
Spain	3	—	19	—	—	2,189	2,189	—	73	73
Sweden	—	1	—	—	—	492	492	—	16	16
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	1,404	47	—	47
United Kingdom	—	—	—	—	—	1,230	3,266	68	41	109
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	5	0	295	1	—	3,393	7,396	133	117	250
Total	102	206	1,756	1,165	—	58,231	258,723	6,683	1,941	8,624
Persian Gulf⁴	—	—	—	434	—	6,894	28,921	734	230	964

-- = Not Applicable.

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, October 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	29,395	55	-	6,054	-	-	-	-	576	576
Algeria	176	-	-	1,924	-	-	-	-	-	-
Angola	1,270	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	731	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	55	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	752	-	-	-	-	-	-	-	-	-
Iraq	7,273	-	-	1,843	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	294	294
Libya	4,384	-	-	-	-	-	-	-	-	-
Nigeria	1,498	-	-	-	-	-	-	-	-	-
Saudi Arabia	7,315	-	-	2,067	-	-	-	-	73	73
United Arab Emirates	856	-	-	220	-	-	-	-	209	209
Venezuela	5,140	-	-	-	-	-	-	-	-	-
Non-OPEC	160,647	4,085	467	8,899	-	2,433	2,433	3,907	13,068	16,975
Argentina	1,410	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	633	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	58	58	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	683	-	23	23	31	65	96
Brazil	5,965	-	-	664	-	79	79	-	1,725	1,725
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	117,050	4,085	467	424	-	425	425	1,807	1,272	3,079
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	5,655	-	-	-	-	-	-	-	18	18
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	1,989	-	-	596	-	-	-	-	-	-
Egypt	534	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	173	-	369	369	9	1,162	1,171
Germany	-	-	-	-	-	5	5	26	-	26
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	1,123	-	-	-	-	1,746	1,746
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	171	-	190	190	-	1,086	1,086
Korea, South	-	-	-	-	-	295	295	-	714	714
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	225	225
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	22,438	-	-	3,527	-	-	-	-	-	-
Netherlands	-	-	-	-	-	108	108	667	560	1,227
Norway	-	-	-	-	-	648	648	90	245	335
Oman	-	-	-	606	-	-	-	-	-	-
Portugal	-	-	-	161	-	-	-	-	349	349
Qatar	511	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	412	-	18	18	10	1,293	1,303
Sweden	-	-	-	-	-	103	103	-	621	621
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	1,008	-	-	-	-	-	-	-	-	-
United Kingdom	400	-	-	-	-	112	112	1,267	689	1,956
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	2,323	0	0	359	-	0	0	0	1,298	1,298
Total	190,042	4,140	467	14,953	-	2,433	2,433	3,907	13,644	17,551
Persian Gulf⁴	16,707	-	-	4,130	-	-	-	-	576	576

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, October 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	1,017	351	-	3,260	9	10	-	3,279	-	6	
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	101	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	28	-	-	-	28	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	285	-	-	3,132	9	10	-	3,151	-	6	
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	65	-	-	-	65	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	142	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	99	-	-	-	-	-	-	-	-	-	-
Korea, South	-	72	-	-	35	-	-	-	35	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	60	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	318	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	291	-	0	0	0	-	0	-	0	
Total	-	1,017	351	-	3,260	9	10	-	3,279	-	6	
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, October 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	—	57	—	—	1	1	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	1	1	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	57	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	3,163	759	171	1,171	1,927	3,269	115	96
Argentina	—	—	—	—	—	—	—	—	27
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	171	3	133	307	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	49	12	—	289	429	718	86	57
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	251	251	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	12
Germany	—	—	7	—	278	130	408	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	10	62	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	3,014	398	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	253	—	—	783	783	—	—
Netherlands	—	—	27	—	136	27	163	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	121	121	—	—
Sweden	—	—	—	—	235	41	276	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	64	12	76	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	90	0	0	166	0	166	29	0
Total	—	3,163	816	171	1,171	1,928	3,270	115	96
Persian Gulf⁴	—	—	57	—	—	1	1	—	—

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, October 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	248	—	6,991	36,386	948	226	1,174
Algeria	—	—	—	—	—	1,924	2,100	6	62	68
Angola	—	—	—	—	—	—	1,270	41	—	41
Congo (Brazzaville)	—	—	—	—	—	—	731	24	—	24
Equatorial Guinea	—	—	—	—	—	55	55	—	2	2
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	752	24	—	24
Iraq	—	—	—	—	—	1,843	9,116	235	59	294
Kuwait	—	—	—	—	—	295	295	—	10	10
Libya	—	—	—	—	—	—	4,384	141	—	141
Nigeria	—	—	—	—	—	—	1,498	48	—	48
Saudi Arabia	—	—	—	—	—	2,197	9,512	236	71	307
United Arab Emirates	—	—	—	248	—	677	1,533	28	22	49
Venezuela	—	—	—	—	—	—	5,140	166	—	166
Non-OPEC	135	137	1,232	1,049	—	47,467	208,114	5,182	1,531	6,713
Argentina	—	—	—	—	—	27	1,437	45	1	46
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	633	20	—	20
Bahamas	—	—	—	—	—	58	58	—	2	2
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	1	—	904	904	—	29	29
Brazil	—	134	—	—	—	2,937	8,902	192	95	287
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	103	1	1,232	302	—	14,482	131,532	3,776	467	4,243
Chad	—	—	—	—	—	—	—	—	—	—
China	26	—	—	—	—	26	26	—	1	1
Colombia	—	—	—	—	—	334	5,989	182	11	193
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	596	2,585	64	19	83
Egypt	—	—	—	—	—	—	534	17	—	17
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	6	—	1,731	1,731	—	56	56
Germany	—	—	—	27	—	615	615	—	20	20
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	2,941	2,941	—	95	95
Indonesia	—	—	—	52	—	52	52	—	2	2
Italy	—	—	—	7	—	1,553	1,553	—	50	50
Korea, South	—	—	—	295	—	4,823	4,823	—	156	156
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	225	225	—	7	7
Malaysia	1	—	—	—	—	1	1	—	0	0
Mexico	—	—	—	—	—	4,563	27,001	724	147	871
Netherlands	—	—	—	—	—	1,585	1,585	—	51	51
Norway	—	—	—	—	—	983	983	—	32	32
Oman	—	—	—	—	—	606	606	—	20	20
Portugal	—	—	—	—	—	510	510	—	16	16
Qatar	—	—	—	344	—	344	855	16	11	28
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	2,172	2,172	—	70	70
Sweden	—	1	—	—	—	1,001	1,001	—	32	32
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	1,008	33	—	33
United Kingdom	—	—	—	—	—	2,144	2,544	13	69	82
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	5	1	0	15	—	2,254	4,577	76	72	147
Total	135	137	1,232	1,297	—	54,458	244,500	6,130	1,757	7,887
Persian Gulf⁴	—	—	—	592	—	5,356	22,063	539	173	712

-- = Not Applicable.

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, November 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	25,181	312	-	4,255	-	-	-	-	489	489
Algeria	240	-	-	1,213	-	-	-	-	-	-
Angola	85	-	-	-	-	-	-	-	214	214
Congo (Brazzaville)	241	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	312	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	4,120	-	-	1,017	-	-	-	-	-	-
Kuwait	652	-	-	-	-	-	-	-	-	-
Libya	2,854	-	-	-	-	-	-	-	-	-
Nigeria	4,537	-	-	-	-	-	-	-	275	275
Saudi Arabia	7,529	-	-	2,025	-	-	-	-	-	-
United Arab Emirates	500	-	-	-	-	-	-	-	-	-
Venezuela	4,423	-	-	-	-	-	-	-	-	-
Non-OPEC	182,613	4,736	454	10,505	-	3,807	3,807	3,816	8,684	12,500
Argentina	2,526	-	-	-	-	-	-	-	434	434
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	2	-	-	-	-	310	310	-	1,226	1,226
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	955	-	71	71	31	72	103
Brazil	7,450	-	-	650	-	-	-	161	1,623	1,784
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	130,435	4,736	454	486	-	318	318	1,386	1,307	2,693
Chad	543	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	7,757	-	-	709	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	2,989	-	-	380	-	-	-	-	-	-
Egypt	14	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	339	339
France	-	-	-	306	-	165	165	22	1,032	1,054
Germany	-	-	-	3	-	11	11	9	63	72
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	558	-	-	-	-	427	427
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	858	-	624	624	-	297	297
Korea, South	-	-	-	-	-	674	674	-	658	658
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	21,855	-	-	3,153	-	-	-	21	-	21
Netherlands	2	-	-	98	-	267	267	1,011	97	1,108
Norway	-	-	-	-	-	936	936	18	-	18
Oman	-	-	-	1,683	-	-	-	-	-	-
Portugal	-	-	-	201	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	10	-	-	-	-	-	-	-	-	-
Spain	-	-	-	283	-	58	58	9	78	87
Sweden	-	-	-	3	-	8	8	7	157	164
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	1,027	-	-	21	-	-	-	-	-	-
United Kingdom	1,371	-	-	68	-	36	36	1,141	217	1,358
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	6,391	0	0	90	-	329	329	0	657	657
Total	207,794	5,048	454	14,760	-	3,807	3,807	3,816	9,173	12,989
Persian Gulf⁴	12,801	-	-	3,042	-	-	-	-	-	-

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, November 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	430	-	-	-	430	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	430	-	-	-	430	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	1,239	813	-	3,343	81	19	-	3,443	-	6
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	117	-	-	-	-	-	-	-	-	-
Brazil	-	70	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	278	-	-	2,961	4	19	-	2,984	-	6
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	69	-	-	69	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	377	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	73	-	-	-	-	-	-	-	-	-
Korea, South	-	58	-	-	30	-	-	-	30	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	352	-	-	-	352	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	266	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	813	-	0	8	0	-	8	-	0
Total	-	1,239	813	-	3,773	81	19	-	3,873	-	6
Persian Gulf⁴	-	-	-	-	782	-	-	-	782	-	-

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, November 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	467	—	—	—	214	214	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	214	214	—	—
Kuwait	—	467	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	2,184	506	370	385	1,772	2,527	350	126
Argentina	—	—	—	—	—	—	—	—	31
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	281	281	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	350	12	—	23	197	220	88	75
Chad	—	—	—	—	—	—	—	—	—
China	—	302	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	205	205	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	65	65	—	—
Egypt	—	—	—	—	—	—	—	20	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Germany	—	—	12	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	370	354	—	724	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	1,479	229	—	—	—	—	91	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	16	230	—	8	787	795	22	20
Netherlands	—	—	23	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	17	17	—	—
United Kingdom	—	37	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	0	0	0	0	220	220	129	0
Total	—	2,651	506	370	385	1,986	2,741	350	126
Persian Gulf⁴	—	467	—	—	—	214	214	—	—

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, November 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	242	—	6,409	31,590	839	214	1,053
Algeria	—	—	—	—	—	1,213	1,453	8	40	48
Angola	—	—	—	—	—	214	299	3	7	10
Congo (Brazzaville)	—	—	—	—	—	—	241	8	—	8
Equatorial Guinea	—	—	—	—	—	312	312	—	10	10
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	1,231	5,351	137	41	178
Kuwait	—	—	—	—	—	467	1,119	22	16	37
Libya	—	—	—	—	—	—	2,854	95	—	95
Nigeria	—	—	—	—	—	275	4,812	151	9	160
Saudi Arabia	—	—	—	—	—	2,025	9,554	251	68	318
United Arab Emirates	—	—	—	242	—	672	1,172	17	22	39
Venezuela	—	—	—	—	—	—	4,423	147	—	147
Non-OPEC	91	253	921	1,081	—	45,542	228,155	6,087	1,518	7,605
Argentina	—	122	—	1	—	588	3,114	84	20	104
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	1,536	1,538	0	51	51
Bahrain	—	—	—	61	—	61	61	—	2	2
Belgium	—	—	—	1	—	1,247	1,247	—	42	42
Brazil	—	130	—	—	—	2,915	10,365	248	97	346
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	80	1	854	315	—	13,950	144,385	4,348	465	4,813
Chad	—	—	—	—	—	—	543	18	—	18
China	7	—	—	—	—	309	309	—	10	10
Colombia	—	—	—	—	—	914	8,671	259	30	289
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	514	3,503	100	17	117
Egypt	—	—	—	—	—	20	34	0	1	1
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	339	339	—	11	11
France	—	—	—	3	—	1,528	1,528	—	51	51
Germany	—	—	—	14	—	489	489	—	16	16
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	1,709	1,709	—	57	57
Indonesia	—	—	—	90	—	90	90	—	3	3
Italy	—	—	—	3	—	1,855	1,855	—	62	62
Korea, South	1	—	—	201	—	3,421	3,421	—	114	114
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	4,257	26,112	729	142	870
Netherlands	—	—	—	37	—	1,533	1,535	0	51	51
Norway	—	—	—	—	—	954	954	—	32	32
Oman	—	—	—	—	—	1,683	1,683	—	56	56
Portugal	—	—	—	—	—	201	201	—	7	7
Qatar	—	—	—	355	—	707	707	—	24	24
Russia	—	—	—	—	—	—	10	0	—	0
Spain	—	—	67	—	—	761	761	—	25	25
Sweden	—	—	—	—	—	175	175	—	6	6
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	38	1,065	34	1	36
United Kingdom	—	—	—	—	—	1,499	2,870	46	50	96
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	3	0	0	0	—	2,249	8,640	213	75	287
Total	91	253	921	1,323	—	51,951	259,745	6,926	1,732	8,658
Persian Gulf⁴	—	—	—	658	—	5,163	17,964	427	172	599

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Note: A small amount of Russian crude oil entered the United States in November 2023 from the Bahamas. The oil originated in Russia and was exported to the Bahamas prior to the signing of Executive Order 14066 on March 8, 2022.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, December 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	26,702	581	-	7,462	-	-	-	-	324	324
Algeria	369	-	-	1,003	-	-	-	-	-	-
Angola	593	-	-	-	-	-	-	-	324	324
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	55	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	4,453	-	-	2,469	-	-	-	-	-	-
Kuwait	799	-	-	1,656	-	-	-	-	-	-
Libya	3,499	-	-	-	-	-	-	-	-	-
Nigeria	3,169	526	-	-	-	-	-	-	-	-
Saudi Arabia	7,600	-	-	2,334	-	-	-	-	-	-
United Arab Emirates	1,222	-	-	-	-	-	-	-	-	-
Venezuela	4,998	-	-	-	-	-	-	-	-	-
Non-OPEC	172,373	5,238	620	9,533	-	3,128	3,128	5,082	11,438	16,520
Argentina	2,199	-	-	-	-	-	-	-	151	151
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	1,013	1,013	320	2,225	2,545
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	208	-	-	-	12	-	12
Brazil	8,601	-	-	2,094	-	198	198	137	1,133	1,270
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	119,618	5,238	620	1,166	-	312	312	2,087	1,810	3,897
Chad	403	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	5,070	-	-	427	-	-	-	-	18	18
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	3,178	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	322	-	322
France	-	-	-	85	-	18	18	31	1,261	1,292
Germany	-	-	-	-	-	22	22	3	-	3
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	1,122	-	-	-	-	1,150	1,150
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	9	9	-	923	923
Korea, South	-	-	-	-	-	233	233	-	83	83
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	23,412	-	-	4,265	-	-	-	-	-	-
Netherlands	-	-	-	-	-	18	18	350	267	617
Norway	-	-	-	-	-	659	659	213	25	238
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	318	318
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	166	-	87	87	-	1,087	1,087
Sweden	-	-	-	-	-	5	5	-	160	160
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	1,451	-	-	-	-	-	-	-	-	-
United Kingdom	720	-	-	-	-	226	226	1,607	366	1,973
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	7,721	0	0	0	-	328	328	0	461	461
Total	199,075	5,819	620	16,995	-	3,128	3,128	5,082	11,762	16,844
Persian Gulf⁴	14,074	-	-	6,459	-	-	-	-	-	-

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, December 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	735	-	-	-	735	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	735	-	-	-	735	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	1,031	1,052	48	6,271	2	42	-	6,315	-	17
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	27	-	-	-	27	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	307	-	-	4,699	2	25	-	4,726	-	5
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	48	-	-	-	-	-	-	-
Colombia	-	-	-	-	347	-	-	-	347	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	348	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	829	-	-	-	829	-	-
Indonesia	-	-	-	-	-	-	17	-	17	-	-
Italy	-	113	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	41	-	-	-	41	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	51	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	19	-	-	-	19	-	-
Netherlands	-	-	52	-	-	-	-	-	-	-	12
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	309	-	-	-	309	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	212	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	1,000	0	0	0	0	-	0	-	0
Total	-	1,031	1,052	48	7,006	2	42	-	7,050	-	17
Persian Gulf⁴	-	-	-	-	1,044	-	-	-	1,044	-	-

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, December 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	655	—	—	—	217	217	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	425	—	—	—	217	217	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	230	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	3,248	440	491	116	1,958	2,565	307	93
Argentina	—	—	—	—	—	—	—	—	12
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	1	—	—	—	143	143	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	298	90	—	103	550	653	147	69
Chad	—	—	—	—	—	—	—	—	—
China	—	326	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	97	97	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	3	3	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	12
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	542	—	491	—	—	491	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	2,009	350	—	—	—	—	87	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	6	6	—	—
Mexico	—	7	—	—	13	837	850	—	—
Netherlands	—	—	—	—	—	—	—	35	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	4	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	65	0	0	0	322	322	34	0
Total	—	3,903	440	491	116	2,175	2,782	307	93
Persian Gulf⁴	—	655	—	—	—	217	217	—	—

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, December 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	84	—	—	10,058	36,760	861	324	1,186
Algeria	—	—	—	—	—	1,003	1,372	12	32	44
Angola	—	—	—	—	—	324	917	19	10	30
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	55	55	—	2	2
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	2,469	6,922	144	80	223
Kuwait	—	—	—	—	—	2,298	3,097	26	74	100
Libya	—	—	—	—	—	—	3,499	113	—	113
Nigeria	—	—	—	—	—	526	3,695	102	17	119
Saudi Arabia	—	—	—	—	—	3,299	10,899	245	106	352
United Arab Emirates	—	—	—	—	—	—	1,222	39	—	39
Venezuela	—	—	84	—	—	84	5,082	161	3	164
Non-OPEC	143	132	1,299	1,491	—	53,220	225,593	5,560	1,717	7,277
Argentina	—	—	—	1	—	164	2,363	71	5	76
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	3,558	3,558	—	115	115
Bahrain	—	—	—	62	—	62	62	—	2	2
Belgium	—	—	—	1	—	221	221	—	7	7
Brazil	—	—	—	—	—	3,733	12,334	277	120	398
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	102	3	1,221	278	—	19,132	138,750	3,859	617	4,476
Chad	—	—	—	—	—	—	403	13	—	13
China	30	—	—	—	—	404	404	—	13	13
Colombia	—	111	—	—	—	1,000	6,070	164	32	196
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	3	3,181	103	0	103
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	322	322	—	10	10
France	—	—	—	—	—	1,407	1,407	—	45	45
Germany	—	—	—	17	—	390	390	—	13	13
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	4,134	4,134	—	133	133
Indonesia	—	—	—	221	—	238	238	—	8	8
Italy	—	—	—	5	—	1,050	1,050	—	34	34
Korea, South	—	—	—	489	—	3,292	3,292	—	106	106
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	4	—	—	—	—	61	61	—	2	2
Mexico	—	—	—	—	—	5,141	28,553	755	166	921
Netherlands	—	—	—	44	—	778	778	—	25	25
Norway	—	—	—	—	—	897	897	—	29	29
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	318	318	—	10	10
Qatar	1	—	—	373	—	683	683	—	22	22
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	78	—	—	1,630	1,630	—	53	53
Sweden	—	1	—	—	—	166	166	—	5	5
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	1,451	47	—	47
United Kingdom	—	—	—	—	—	2,203	2,923	23	71	94
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	6	17	0	0	—	2,233	9,954	248	74	321
Total	143	132	1,383	1,491	—	63,278	262,353	6,422	2,041	8,463
Persian Gulf⁴	1	—	—	435	—	8,811	22,885	454	284	738

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	9,268	257	-	-	-	-	-	-	316	316
Algeria	631	-	-	-	-	-	-	-	-	-
Angola	3	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	257	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	824	-	-	-	-	-	-	-	-	-
Nigeria	5,693	-	-	-	-	-	-	-	316	316
Saudi Arabia	2,117	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	7,768	1,201	295	1,730	-	3,220	3,220	4,432	8,047	12,479
Argentina	483	-	-	-	-	-	-	-	486	486
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	1,870	1,870	100	324	424
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,477	1,201	295	-	-	288	288	2,305	1,316	3,621
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	328	328
France	-	-	-	-	-	460	460	294	188	482
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	39	39	-	518	518
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	205	-	-	-	143	2,151	2,294
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	1,989	-	-	1,080	-	-	-	-	-	-
Netherlands	-	-	-	52	-	-	-	643	508	1,151
Norway	1	-	-	-	-	316	316	-	644	644
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	890	890
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	601	601
Sweden	-	-	-	-	-	247	247	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	1,198	-	-	300	-	-	-	947	-	947
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	620	0	0	93	-	0	0	0	93	93
Total	17,036	1,458	295	1,730	-	3,220	3,220	4,432	8,363	12,795
Persian Gulf⁴	2,117	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	53	-	-	-	53	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	53	-	-	-	53	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	561	-	-	7,887	-	131	-	8,018	0	-
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	70	-	-	-	70	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	76	-	-	4,541	-	-	-	4,541	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	359	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	2,340	-	-	-	2,340	0	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	69	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	55	-	117	-	172	-	-
Norway	-	-	-	-	-	-	14	-	14	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	780	-	-	-	780	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	57	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	101	-	0	-	101	0	-
Total	-	561	-	-	7,940	-	131	-	8,071	0	-
Persian Gulf⁴	-	-	-	-	833	-	-	-	833	-	-

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	661	—	—	117	448	565	—	—
Algeria	—	—	—	—	29	—	29	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	88	—	88	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	4	—	—	—	179	179	—	—
Kuwait	—	583	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	269	269	—	—
United Arab Emirates	—	74	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	393	3	—	462	1,744	2,206	93	1
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	2	—	2	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	248	—	248	—	—
Brazil	—	—	—	—	—	88	88	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	138	3	—	—	137	137	2	1
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	831	831	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	110	—	110	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	19	—	19	—	—
France	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	237	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	91	—
Korea, South	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	13	—	—	—	—	—	—	—
Mexico	—	5	—	—	8	27	35	—	—
Netherlands	—	—	—	—	19	—	19	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	12	—	12	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	0	0	—	44	661	705	0	0
Total	—	1,054	3	—	579	2,192	2,771	93	1
Persian Gulf⁴	—	661	—	—	—	448	448	—	—

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	—	—	1,852	11,120	299	60	359
Algeria	—	—	—	—	—	29	660	20	1	21
Angola	—	—	—	—	—	—	3	0	—	0
Congo (Brazzaville)	—	—	—	—	—	88	88	—	3	3
Equatorial Guinea	—	—	—	—	—	257	257	—	8	8
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	183	183	—	6	6
Kuwait	—	—	—	—	—	583	583	—	19	19
Libya	—	—	—	—	—	—	824	27	—	27
Nigeria	—	—	—	—	—	316	6,009	184	10	194
Saudi Arabia	—	—	—	—	—	269	2,386	68	9	77
United Arab Emirates	—	—	—	—	—	127	127	—	4	4
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	94	—	852	95	—	31,241	39,009	251	1,008	1,258
Argentina	—	—	—	—	—	486	969	16	16	31
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	2,296	2,296	—	74	74
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	1	—	319	319	—	10	10
Brazil	—	—	—	—	—	88	88	—	3	3
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	91	—	780	79	—	11,253	14,730	112	363	475
Chad	—	—	—	—	—	—	—	—	—	—
China	2	—	—	—	—	2	2	—	0	0
Colombia	—	—	72	—	—	903	903	—	29	29
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	110	110	—	4	4
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	347	347	—	11	11
France	—	—	—	4	—	946	946	—	31	31
Germany	—	—	—	9	—	368	368	—	12	12
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	3,134	3,134	—	101	101
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	1	—	2,660	2,660	—	86	86
Korea, South	1	—	—	—	—	1	1	—	0	0
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	13	13	—	0	0
Mexico	—	—	—	—	—	1,120	3,109	64	36	100
Netherlands	—	—	—	—	—	1,394	1,394	—	45	45
Norway	—	—	—	—	—	974	975	0	31	31
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	890	890	—	29	29
Qatar	—	—	—	—	—	780	780	—	25	25
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	658	658	—	21	21
Sweden	—	—	—	1	—	248	248	—	8	8
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	1,259	2,457	39	41	79
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U. S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	0	—	0	0	—	992	1,612	20	32	53
Total	94	—	852	95	—	33,093	50,129	550	1,068	1,617
Persian Gulf⁴	—	—	—	—	—	1,942	4,059	68	63	131

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	8,144	245	-	139	-	-	-	-	275	275
Algeria	627	-	-	139	-	-	-	-	-	-
Angola	239	-	-	-	-	-	-	-	274	274
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	245	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	1	1
Libya	528	-	-	-	-	-	-	-	-	-
Nigeria	4,699	-	-	-	-	-	-	-	-	-
Saudi Arabia	2,051	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	8,193	1,220	265	1,051	-	1,790	1,790	4,185	7,983	12,168
Argentina	470	-	-	244	-	-	-	-	21	21
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	315	315	-	-	-
Brazil	627	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,926	1,220	265	-	-	279	279	2,080	1,016	3,096
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	35	-	-	-	-	35	35
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	338	338	-	261	261
France	-	-	-	61	-	390	390	-	264	264
Germany	-	-	-	9	-	-	-	-	22	22
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	15	15	-	1,389	1,389
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	3	3	168	951	1,119
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	3,051	-	-	250	-	-	-	-	-	-
Netherlands	-	-	-	402	-	95	95	601	1,273	1,874
Norway	119	-	-	-	-	179	179	-	330	330
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	542	542
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	951	951
Sweden	-	-	-	-	-	75	75	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	16	16	1,336	330	1,666
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	50	-	85	85	0	598	598
Total	16,337	1,465	265	1,190	-	1,790	1,790	4,185	8,258	12,443
Persian Gulf⁴	2,051	-	-	-	-	-	-	-	1	1

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	750	-	-	-	750	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	750	-	-	-	750	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	510	-	-	6,688	-	-	-	6,688	-	18
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	79	-	-	4,137	-	-	-	4,137	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	320	-	-	-	320	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	246	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	1,252	-	-	-	1,252	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	72	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	18
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	326	-	-	-	326	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	113	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	653	-	-	-	653	-	0
Total	-	510	-	-	7,438	-	-	-	7,438	-	18
Persian Gulf⁴	-	-	-	-	1,076	-	-	-	1,076	-	-

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	1,015	—	473	122	147	742	—	—
Algeria	—	—	—	473	84	—	557	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	38	—	38	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	147	147	—	—
Kuwait	—	792	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	138	—	—	—	—	—	—	—
United Arab Emirates	—	85	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	1,299	1	—	773	522	1,295	2	32
Argentina	—	—	—	—	—	—	—	—	31
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	16	—	16	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	53	—	53	—	—
Brazil	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	182	1	—	—	39	39	2	1
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	128	128	—	—
Denmark	—	—	—	—	33	—	33	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	53	—	53	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	787	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	315	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	300	300	—	—
Netherlands	—	—	—	—	313	49	362	—	—
Norway	—	15	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	305	—	305	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	0	0	0	0	6	6	0	0
Total	—	2,314	1	473	895	669	2,037	2	32
Persian Gulf⁴	—	1,015	—	—	—	147	147	—	—

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	38	—	3,204	11,348	291	114	405
Algeria	—	—	—	—	—	696	1,323	22	25	47
Angola	—	—	—	—	—	274	513	9	10	18
Congo (Brazzaville)	—	—	—	—	—	38	38	—	1	1
Equatorial Guinea	—	—	—	—	—	245	245	—	9	9
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	147	147	—	5	5
Kuwait	—	—	—	—	—	793	793	—	28	28
Libya	—	—	—	—	—	—	528	19	—	19
Nigeria	—	—	—	—	—	—	4,699	168	—	168
Saudi Arabia	—	—	—	—	—	888	2,939	73	32	105
United Arab Emirates	—	—	—	38	—	123	123	—	4	4
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	75	—	546	86	—	27,046	35,239	293	966	1,259
Argentina	—	—	—	—	—	296	766	17	11	27
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	16	16	—	1	1
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	1	—	369	369	—	13	13
Brazil	—	—	—	—	—	—	627	22	—	22
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	68	—	546	65	—	9,980	13,906	140	356	497
Chad	—	—	—	—	—	—	—	—	—	—
China	6	—	—	—	—	6	6	—	0	0
Colombia	—	—	—	—	—	518	518	—	19	19
Denmark	—	—	—	—	—	33	33	—	1	1
Ecuador	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	599	599	—	21	21
France	—	—	—	10	—	725	725	—	26	26
Germany	—	—	—	8	—	338	338	—	12	12
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	3,443	3,443	—	123	123
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	1	—	1,195	1,195	—	43	43
Korea, South	—	—	—	—	—	315	315	—	11	11
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	550	3,601	109	20	129
Netherlands	—	—	—	—	—	2,751	2,751	—	98	98
Norway	—	—	—	—	—	524	643	4	19	23
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	542	542	—	19	19
Qatar	—	—	—	—	—	326	326	—	12	12
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	1,064	1,064	—	38	38
Sweden	—	—	—	—	—	75	75	—	3	3
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	1,987	1,987	—	71	71
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	1	—	0	1	—	1,394	1,394	1	49	50
Total	75	—	546	124	—	30,250	46,587	583	1,080	1,664
Persian Gulf⁴	—	—	—	38	—	2,277	4,328	73	81	155

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	8,582	257	-	-	-	-	-	-	979	979
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	764	-	-	-	-	-	-	-	323	323
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	257	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	699	-	-	-	-	-	-	-	-	-
Nigeria	6,058	-	-	-	-	-	-	-	-	-
Saudi Arabia	1,061	-	-	-	-	-	-	-	656	656
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	7,595	1,149	284	1,395	-	1,883	1,883	3,829	5,279	9,108
Argentina	474	-	-	50	-	-	-	-	317	317
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	312	312	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	250	-	-	-	148	-	148
Brazil	-	-	-	120	-	-	-	-	143	143
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,979	1,149	284	-	-	293	293	2,503	1,194	3,697
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	501	-	-	417	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	139	-	296	296	-	483	483
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	70	796	866
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	15	15	-	311	311
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	192	192
Mexico	2,491	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	639	639	326	308	634
Norway	7	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	117	-	328	328	-	793	793
Sweden	-	-	-	-	-	-	-	-	300	300
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	782	-	782
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	143	0	0	302	-	0	0	0	442	442
Total	16,177	1,406	284	1,395	-	1,883	1,883	3,829	6,258	10,087
Persian Gulf⁴	1,061	-	-	-	-	-	-	-	656	656

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	308	-	-	-	308	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	308	-	-	-	308	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	441	-	-	3,648	2	-	-	3,650	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	90	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	82	-	-	3,648	2	-	-	3,650	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	129	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	68	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	72	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	0	-	-	0	-	-
Total	-	441	-	-	3,956	2	-	-	3,958	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	486	—	525	116	38	679	—	—
Algeria	—	—	—	525	116	—	641	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	35	35	—	—
Kuwait	—	345	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	3	3	—	—
Saudi Arabia	—	141	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	662	3	—	430	925	1,355	2	1
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	2	—	2	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	254	3	—	93	80	173	2	1
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	64	64	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	2	2	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	351	—	—	—	49	49	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	49	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	8	—	—	—	649	649	—	—
Netherlands	—	—	—	—	—	60	60	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	335	—	335	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	0	0	0	0	21	21	0	0
Total	—	1,148	3	525	546	963	2,034	2	1
Persian Gulf⁴	—	486	—	—	—	35	35	—	—

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	—	—	2,709	11,291	277	87	364
Algeria	—	—	—	—	—	641	641	—	21	21
Angola	—	—	—	—	—	323	1,087	25	10	35
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	257	257	—	8	8
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	35	35	—	1	1
Kuwait	—	—	—	—	—	345	345	—	11	11
Libya	—	—	—	—	—	—	699	23	—	23
Nigeria	—	—	—	—	—	311	6,369	195	10	205
Saudi Arabia	—	—	—	—	—	797	1,858	34	26	60
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	107	—	843	148	—	21,031	28,626	245	678	923
Argentina	—	—	—	—	—	367	841	15	12	27
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	314	314	—	10	10
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	398	398	—	13	13
Brazil	—	—	—	—	—	353	353	—	11	11
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	73	—	812	83	—	10,556	14,535	128	341	469
Chad	—	—	—	—	—	—	—	—	—	—
China	28	—	—	—	—	28	28	—	1	1
Colombia	—	—	—	—	—	481	982	16	16	32
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	2	2	—	0	0
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	5	—	923	923	—	30	30
Germany	—	—	—	13	—	142	142	—	5	5
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	1,266	1,266	—	41	41
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	31	—	—	474	474	—	15	15
Korea, South	1	—	—	46	—	47	47	—	2	2
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	192	192	—	6	6
Mexico	—	—	—	—	—	657	3,148	80	21	102
Netherlands	—	—	—	1	—	1,334	1,334	—	43	43
Norway	—	—	—	—	—	—	7	0	—	0
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—
Spain	1	—	—	—	—	1,311	1,311	—	42	42
Sweden	—	—	—	—	—	300	300	—	10	10
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	1,117	1,117	—	36	36
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	4	—	0	0	—	769	912	6	23	28
Total	107	—	843	148	—	23,740	39,917	522	766	1,288
Persian Gulf⁴	—	—	—	—	—	1,177	2,238	34	38	72

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	10,510	—	—	1,264	—	—	—	—	2,639	2,639
Algeria	345	—	—	—	—	—	—	—	1,913	1,913
Angola	295	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	1,007	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	1,590	—	—	—	—	—	—	—	—	—
Nigeria	5,614	—	—	257	—	—	—	—	139	139
Saudi Arabia	2,666	—	—	—	—	—	—	—	387	387
United Arab Emirates	—	—	—	—	—	—	—	—	200	200
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	9,541	522	307	1,314	—	3,287	3,287	4,067	11,155	15,222
Argentina	489	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	304	304	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	4	4	—	329	329
Brazil	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	3,381	522	307	357	—	275	275	1,978	1,359	3,337
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	66	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	6	6
Ecuador	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	68	68	270	289	559
France	—	—	—	—	—	—	—	—	487	487
Germany	—	—	—	—	—	8	8	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	17	17	—	1,657	1,657
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	199	199	—	878	878
Korea, South	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	108	108	—	333	333
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	1,286	—	—	493	—	—	—	—	—	—
Netherlands	—	—	—	129	—	865	865	625	1,763	2,388
Norway	1,208	—	—	—	—	619	619	310	368	678
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	34	34	—	1,132	1,132
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	132	—	393	393	—	1,251	1,251
Sweden	—	—	—	—	—	112	112	—	210	210
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—
United Kingdom	625	—	—	—	—	—	—	884	340	1,224
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	2,552	0	0	137	—	281	281	0	753	753
Total	20,051	522	307	2,578	—	3,287	3,287	4,067	13,794	17,861
Persian Gulf⁴	2,666	—	—	1,007	—	—	—	—	587	587

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	374	-	-	3,942	1	-	-	3,943	-	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	493	-	-	-	493	-	-	-
Canada	-	68	-	-	3,160	1	-	-	3,161	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	289	-	-	-	289	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	164	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	19	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	123	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	0	-	-	0	-	-	-
Total	-	374	-	-	3,942	1	-	-	3,943	-	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	824	-	-	28	57	85	-	-
Algeria	-	-	-	-	28	28	56	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	29	29	-	-
Kuwait	-	409	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	415	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	1,219	1	-	38	630	668	189	1
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	395	1	-	38	-	38	1	1
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	370	370	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	117	-	-	-	1	1	-	-
Korea, South	-	232	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	24	24	-	-
Netherlands	-	-	-	-	-	51	51	88	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	23	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	20	20	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	475	0	-	0	164	164	77	0
Total	-	2,043	1	-	66	687	753	189	1
Persian Gulf⁴	-	824	-	-	-	29	29	-	-

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	—	—	4,812	15,322	350	160	511
Algeria	—	—	—	—	—	1,969	2,314	12	66	77
Angola	—	—	—	—	—	—	295	10	—	10
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	1,036	1,036	—	35	35
Kuwait	—	—	—	—	—	409	409	—	14	14
Libya	—	—	—	—	—	—	1,590	53	—	53
Nigeria	—	—	—	—	—	396	6,010	187	13	200
Saudi Arabia	—	—	—	—	—	802	3,468	89	27	116
United Arab Emirates	—	—	—	—	—	200	200	—	7	7
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	76	—	1,011	74	—	28,208	37,749	318	940	1,258
Argentina	—	—	—	—	—	—	489	16	—	16
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	304	304	—	10	10
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	1	—	334	334	—	11	11
Brazil	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	493	493	—	16	16
Canada	68	—	835	62	—	9,428	12,809	113	314	427
Chad	—	—	—	—	—	—	—	—	—	—
China	5	—	—	—	—	5	5	—	0	0
Colombia	—	—	—	—	—	725	725	—	24	24
Denmark	—	—	—	—	—	6	6	—	0	0
Ecuador	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	627	627	—	21	21
France	—	—	—	—	—	487	487	—	16	16
Germany	—	—	—	10	—	182	182	—	6	6
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	1,674	1,674	—	56	56
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	1	—	1,215	1,215	—	41	41
Korea, South	—	—	—	—	—	232	232	—	8	8
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	441	441	—	15	15
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	517	1,803	43	17	60
Netherlands	—	—	35	—	—	3,556	3,556	—	119	119
Norway	—	—	—	—	—	1,297	2,505	40	43	84
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	1,166	1,166	—	39	39
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—
Spain	2	—	—	—	—	1,924	1,924	—	64	64
Sweden	—	—	—	—	—	322	322	—	11	11
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	1,244	1,869	21	41	62
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	1	—	141	0	—	2,029	4,581	85	68	152
Total	76	—	1,011	74	—	33,020	53,071	668	1,101	1,769
Persian Gulf⁴	—	—	—	—	—	2,447	5,113	89	82	170

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, May 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	9,494	-	-	1,115	-	-	-	435	1,069	1,504
Algeria	934	-	-	514	-	-	-	-	-	-
Angola	1,378	-	-	-	-	-	-	-	278	278
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	601	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	1,289	-	-	-	-	-	-	-	-	-
Nigeria	4,832	-	-	-	-	-	-	-	145	145
Saudi Arabia	1,061	-	-	-	-	-	-	-	646	646
United Arab Emirates	-	-	-	-	-	-	-	435	-	435
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	9,678	370	332	1,004	-	4,934	4,934	4,526	11,260	15,786
Argentina	-	-	-	-	-	-	-	-	323	323
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	830	830	-	275	275
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	510	510	-	124	124
Brazil	-	-	-	-	-	-	-	-	315	315
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	4,189	370	332	351	-	341	341	2,466	1,118	3,584
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	325	-	-	-	-	175	175
Denmark	-	-	-	-	-	2	2	1	78	79
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	23	23	9	422	431
France	-	-	-	-	-	466	466	22	207	229
Germany	-	-	-	-	-	-	-	-	9	9
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	48	48	-	2,390	2,390
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	171	-	98	98	-	659	659
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	193	193
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	2,694	-	-	19	-	-	-	-	-	-
Netherlands	-	-	-	76	-	564	564	738	1,181	1,919
Norway	402	-	-	-	-	702	702	258	642	900
Oman	-	-	-	-	-	-	-	-	30	30
Portugal	-	-	-	-	-	4	4	1	1,188	1,189
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	62	-	197	197	31	1,153	1,184
Sweden	-	-	-	-	-	2	2	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	870	870	1,000	121	1,121
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	2,393	0	0	0	-	277	277	0	657	657
Total	19,172	370	332	2,119	-	4,934	4,934	4,961	12,329	17,290
Persian Gulf⁴	1,061	-	-	601	-	-	-	435	646	1,081

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, May 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	298	173	-	3,995	8	-	-	4,003	-	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	5	-	-	-	5	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	97	-	-	3,689	8	-	-	3,697	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	1	-	-	-	1	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	173	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	136	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	65	-	-	45	-	-	-	45	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	0	-	255	0	-	-	255	-	-	-
Total	-	298	173	-	3,995	8	-	-	4,003	-	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, May 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	1,075	—	—	—	25	25	7	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	15	15	—	—
Kuwait	—	498	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	10	10	7	—
United Arab Emirates	—	577	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	811	2	—	53	1,471	1,524	87	1
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	2	—	2	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	501	2	—	—	377	377	1	1
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	419	419	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	191	—	—	—	—	—	39	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	39	—
Korea, South	—	119	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	518	518	—	—
Netherlands	—	—	—	—	—	94	94	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	4	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	13	—	13	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	4	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	0	0	—	38	63	101	0	0
Total	—	1,886	2	—	53	1,496	1,549	94	1
Persian Gulf⁴	—	1,075	—	—	—	25	25	7	—

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, May 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	38	—	3,764	13,258	306	121	428
Algeria	—	—	—	—	—	514	1,448	30	17	47
Angola	—	—	—	—	—	278	1,656	44	9	53
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	616	616	—	20	20
Kuwait	—	—	—	—	—	498	498	—	16	16
Libya	—	—	—	—	—	—	1,289	42	—	42
Nigeria	—	—	—	—	—	145	4,977	156	5	161
Saudi Arabia	—	—	—	—	—	663	1,724	34	21	56
United Arab Emirates	—	—	—	38	—	1,050	1,050	—	34	34
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	81	1	589	126	—	30,122	39,800	312	972	1,284
Argentina	—	—	—	—	—	323	323	—	10	10
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	1,105	1,105	—	36	36
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	634	634	—	20	20
Brazil	—	—	—	—	—	322	322	—	10	10
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	73	—	589	65	—	10,381	14,570	135	335	470
Chad	—	—	—	—	—	—	—	—	—	—
China	7	—	—	—	—	7	7	—	0	0
Colombia	—	—	—	—	—	919	919	—	30	30
Denmark	—	—	—	—	—	81	81	—	3	3
Ecuador	—	—	—	—	—	1	1	—	0	0
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	627	627	—	20	20
France	—	—	—	2	—	697	697	—	22	22
Germany	—	—	—	14	—	159	159	—	5	5
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	2,668	2,668	—	86	86
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	1	—	968	968	—	31	31
Korea, South	—	—	—	16	—	135	135	—	4	4
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	193	193	—	6	6
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	537	3,231	87	17	104
Netherlands	—	—	—	27	—	2,680	2,680	—	86	86
Norway	—	—	—	—	—	1,602	2,004	13	52	65
Oman	—	—	—	—	—	38	38	—	1	1
Portugal	—	—	—	—	—	1,193	1,193	—	38	38
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	1,566	1,566	—	51	51
Sweden	—	—	—	1	—	3	3	—	0	0
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	1,995	1,995	—	64	64
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	1	1	0	0	—	1,288	3,681	77	45	122
Total	81	1	589	164	—	33,886	53,058	618	1,093	1,712
Persian Gulf⁴	—	—	—	38	—	2,827	3,888	34	91	125

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	9,218	—	—	1,864	—	—	—	—	1,354	1,354
Algeria	500	—	—	712	—	—	—	—	15	15
Angola	261	—	—	—	—	—	—	—	30	30
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	1,152	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	1,256	—	—	—	—	—	—	—	—	—
Nigeria	4,628	—	—	—	—	—	—	—	—	—
Saudi Arabia	2,573	—	—	—	—	—	—	—	1,309	1,309
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	7,004	342	295	1,602	—	3,790	3,790	4,230	16,642	20,872
Argentina	—	—	—	—	—	—	—	—	212	212
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	1,133	1,133	—	646	646
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	484	484	137	661	798
Brazil	—	—	—	—	—	—	—	—	179	179
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	2,687	342	295	765	—	324	324	2,012	1,431	3,443
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	249	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	10	10	2	734	736
France	—	—	—	—	—	106	106	166	45	211
Germany	—	—	—	—	—	2	2	96	38	134
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	114	114	—	2,463	2,463
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	51	51	—	1,143	1,143
Korea, South	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	25	25	22	30	52
Malaysia	—	—	—	26	—	—	—	—	—	—
Mexico	1,493	—	—	157	—	—	—	—	—	—
Netherlands	—	—	—	151	—	420	420	319	2,408	2,727
Norway	—	—	—	—	—	19	19	131	1,452	1,583
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	254	—	—	—	—	1,333	1,333
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	561	561	6	1,861	1,867
Sweden	—	—	—	—	—	112	112	37	293	330
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—
United Kingdom	1,795	—	—	—	—	404	404	1,261	698	1,959
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	1,029	0	0	0	—	25	25	41	1,015	1,056
Total	16,222	342	295	3,466	—	3,790	3,790	4,230	17,996	22,226
Persian Gulf⁴	2,573	—	—	1,152	—	—	—	—	1,309	1,309

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	581	-	-	3,024	5	-	-	3,029	-	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	269	-	-	-	269	-	-	-
Canada	-	101	-	-	2,755	5	-	-	2,760	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	480	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	0	-	-	0	-	-	-
Total	-	581	-	-	3,024	5	-	-	3,029	-	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	698	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	698	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	374	2	-	121	435	556	3	-
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	374	2	-	121	-	121	3	-
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	206	206	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	0	0	-	0	229	229	0	-
Total	-	1,072	2	-	121	435	556	3	-
Persian Gulf⁴	-	698	-	-	-	-	-	-	-

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	30	—	3,946	13,164	307	132	439
Algeria	—	—	—	—	—	727	1,227	17	24	41
Angola	—	—	—	—	—	30	291	9	1	10
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	1,152	1,152	—	38	38
Kuwait	—	—	—	—	—	698	698	—	23	23
Libya	—	—	—	—	—	—	1,256	42	—	42
Nigeria	—	—	—	—	—	—	4,628	154	—	154
Saudi Arabia	—	—	—	—	—	1,309	3,882	86	44	129
United Arab Emirates	—	—	—	30	—	30	30	—	1	1
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	51	1	918	73	—	32,489	39,493	233	1,083	1,316
Argentina	—	—	—	—	—	212	212	—	7	7
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	1,779	1,779	—	59	59
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	1	—	1,283	1,283	—	43	43
Brazil	—	—	—	—	—	179	179	—	6	6
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	269	269	—	9	9
Canada	47	—	868	64	—	9,509	12,196	90	317	407
Chad	—	—	—	—	—	—	—	—	—	—
China	2	—	—	—	—	2	2	—	0	0
Colombia	—	—	—	—	—	249	249	—	8	8
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	746	746	—	25	25
France	—	—	—	1	—	318	318	—	11	11
Germany	—	—	—	6	—	622	622	—	21	21
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	2,577	2,577	—	86	86
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	1	—	1,195	1,195	—	40	40
Korea, South	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	77	77	—	3	3
Malaysia	—	—	—	—	—	26	26	—	1	1
Mexico	—	—	—	—	—	157	1,650	50	5	55
Netherlands	—	—	—	—	—	3,504	3,504	—	117	117
Norway	—	—	—	—	—	1,602	1,602	—	53	53
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	1,587	1,587	—	53	53
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	24	—	—	2,452	2,452	—	82	82
Sweden	—	—	—	—	—	442	442	—	15	15
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	2,363	4,158	60	79	139
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	2	1	26	0	—	1,339	2,368	33	43	76
Total	51	1	918	103	—	36,435	52,657	541	1,215	1,755
Persian Gulf⁴	—	—	—	30	—	3,189	5,762	86	106	192

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	8,613	—	—	646	—	128	128	—	1,389	1,389
Algeria	565	—	—	—	—	—	—	—	330	330
Angola	565	—	—	—	—	128	128	—	29	29
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	976	—	—	646	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	609	—	—	—	—	—	—	—	—	—
Nigeria	5,086	—	—	—	—	—	—	—	—	—
Saudi Arabia	500	—	—	—	—	—	—	—	1,030	1,030
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	312	—	—	—	—	—	—	—	—	—
Non-OPEC	8,649	347	277	1,892	—	2,191	2,191	4,468	12,192	16,660
Argentina	—	—	—	—	—	—	—	—	118	118
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	75	75
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	506	506	7	236	243
Brazil	—	—	—	160	—	—	—	—	758	758
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	3,445	347	277	—	—	382	382	1,594	1,387	2,981
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	322	322
Colombia	—	—	—	151	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	37	—	37
Ecuador	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	55	55
France	—	—	—	—	—	11	11	—	441	441
Germany	—	—	—	—	—	55	55	12	102	114
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	2,131	2,131
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	79	—	—	—	13	403	416
Korea, South	—	—	—	—	—	—	—	—	129	129
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	1,990	—	—	560	—	—	—	—	—	—
Netherlands	—	—	—	272	—	896	896	1,295	1,522	2,817
Norway	209	—	—	—	—	—	—	—	1,215	1,215
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	122	—	—	—	44	558	602
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	208	—	332	332	—	1,368	1,368
Sweden	—	—	—	—	—	—	—	20	—	20
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	479	—	—	—	—	—	—	—	—	—
United Kingdom	554	—	—	—	—	9	9	1,334	333	1,667
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	1,972	0	0	340	—	0	0	112	1,039	1,151
Total	17,262	347	277	2,538	—	2,319	2,319	4,468	13,581	18,049
Persian Gulf⁴	1,476	—	—	646	—	—	—	—	1,030	1,030

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	337	-	-	2,714	1	-	-	2,715	-	44
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	73	-	-	2,646	1	-	-	2,647	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	142	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	118	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	44
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	4	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	68	0	-	-	68	-	0
Total	-	337	-	-	2,714	1	-	-	2,715	-	44
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	749	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	35	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	293	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	421	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	493	63	-	46	782	828	2	-
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	65	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	312	1	-	-	35	35	2	-
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	30	30	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	116	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	497	497	-	-
Netherlands	-	-	-	-	-	109	109	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	46	109	155	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	0	62	-	0	2	2	0	-
Total	-	1,242	63	-	46	782	828	2	-
Persian Gulf⁴	-	714	-	-	-	-	-	-	-

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	40	—	2,952	11,565	278	95	373
Algeria	—	—	—	—	—	330	895	18	11	29
Angola	—	—	—	—	—	192	757	18	6	24
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	646	1,622	31	21	52
Kuwait	—	—	—	—	—	293	293	—	9	9
Libya	—	—	—	—	—	—	609	20	—	20
Nigeria	—	—	—	—	—	—	5,086	164	—	164
Saudi Arabia	—	—	—	—	—	1,451	1,951	16	47	63
United Arab Emirates	—	—	—	40	—	40	40	—	1	1
Venezuela	—	—	—	—	—	—	312	10	—	10
Non-OPEC	103	1	1,302	88	—	27,343	35,992	279	882	1,161
Argentina	—	—	—	—	—	118	118	—	4	4
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	75	75	—	2	2
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	814	814	—	26	26
Brazil	—	—	—	—	—	918	918	—	30	30
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	82	—	1,176	65	—	8,380	11,825	111	270	381
Chad	—	—	—	—	—	—	—	—	—	—
China	20	—	—	—	—	342	342	—	11	11
Colombia	—	—	—	—	—	181	181	—	6	6
Denmark	—	—	—	—	—	37	37	—	1	1
Ecuador	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	55	55	—	2	2
France	—	—	—	5	—	457	457	—	15	15
Germany	—	—	—	15	—	326	326	—	11	11
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	2,247	2,247	—	72	72
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	1	—	614	614	—	20	20
Korea, South	—	—	—	—	—	129	129	—	4	4
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	1,057	3,047	64	34	98
Netherlands	—	—	—	1	—	4,139	4,139	—	134	134
Norway	—	—	—	—	—	1,215	1,424	7	39	46
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	879	879	—	28	28
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	1,912	1,912	—	62	62
Sweden	—	—	—	—	—	20	20	—	1	1
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	479	15	—	15
United Kingdom	—	—	—	—	—	1,676	2,230	18	54	72
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	1	1	126	1	—	1,752	3,724	64	56	120
Total	103	1	1,302	128	—	30,295	47,557	557	977	1,534
Persian Gulf⁴	—	—	—	40	—	2,430	3,906	48	78	126

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, August 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	10,398	—	—	954	—	75	75	1	1,603	1,604
Algeria	398	—	—	610	—	—	—	1	19	20
Angola	624	—	—	159	—	—	—	—	150	150
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	898	—	—	65	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	1,806	—	—	—	—	—	—	—	—	—
Nigeria	5,028	—	—	120	—	75	75	—	125	125
Saudi Arabia	1,300	—	—	—	—	—	—	—	1,309	1,309
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	344	—	—	—	—	—	—	—	—	—
Non-OPEC	10,054	254	335	1,501	—	1,726	1,726	3,294	13,672	16,966
Argentina	—	—	—	—	—	—	—	—	232	232
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	401	401
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	849	849	18	145	163
Brazil	—	—	—	—	—	—	—	—	469	469
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	4,101	254	335	245	—	395	395	1,822	1,495	3,317
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	52	52	—	—	—
Colombia	—	—	—	154	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	629	629
France	—	—	—	290	—	95	95	—	560	560
Germany	—	—	—	—	—	9	9	119	73	192
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	1,942	1,942
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	967	967
Korea, South	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	962	962
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	1,985	—	—	299	—	—	—	—	—	—
Netherlands	—	—	—	186	—	276	276	189	2,747	2,936
Norway	366	—	—	—	—	—	—	302	636	938
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	327	—	—	—	—	817	817
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	703	703
Sweden	—	—	—	—	—	—	—	21	308	329
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	1,003	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	50	50	718	269	987
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	2,599	0	0	0	—	0	0	105	317	422
Total	20,452	254	335	2,455	—	1,801	1,801	3,295	15,275	18,570
Persian Gulf⁴	2,198	—	—	65	—	—	—	—	1,309	1,309

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, August 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	221	-	-	2,827	-	-	-	2,827	50	35	
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	54	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	83	-	-	2,827	-	-	-	2,827	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-	35
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	84	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	50	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	-	-	-	0	0	0	
Total	-	221	-	-	2,827	-	-	-	2,827	50	35	
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, August 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	99	—	—	—	7	7	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	7	7	—	—
Kuwait	—	99	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	784	3	—	251	668	919	3	—
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	25	—	25	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	395	3	—	2	12	14	3	—
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	92	—	92	—	—
Colombia	—	—	—	—	58	538	596	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	266	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	123	—	—	—	15	15	—	—
Mexico	—	—	—	—	—	16	16	—	—
Netherlands	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	0	0	—	74	87	161	0	—
Total	—	883	3	—	251	675	926	3	—
Persian Gulf⁴	—	99	—	—	—	7	7	—	—

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, August 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	—	—	2,739	13,137	335	88	424
Algeria	—	—	—	—	—	630	1,028	13	20	33
Angola	—	—	—	—	—	309	933	20	10	30
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	72	970	29	2	31
Kuwait	—	—	—	—	—	99	99	—	3	3
Libya	—	—	—	—	—	—	1,806	58	—	58
Nigeria	—	—	—	—	—	320	5,348	162	10	173
Saudi Arabia	—	—	—	—	—	1,309	2,609	42	42	84
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	344	11	—	11
Non-OPEC	75	—	1,208	115	—	27,022	37,076	324	872	1,196
Argentina	—	—	—	—	—	232	232	—	7	7
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	401	401	—	13	13
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	15	—	1,081	1,081	—	35	35
Brazil	—	—	—	—	—	494	494	—	16	16
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	72	—	1,102	85	—	9,130	13,231	132	295	427
Chad	—	—	—	—	—	—	—	—	—	—
China	2	—	—	—	—	146	146	—	5	5
Colombia	—	—	—	—	—	750	750	—	24	24
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	629	629	—	20	20
France	—	—	—	8	—	953	953	—	31	31
Germany	—	—	—	5	—	206	206	—	7	7
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	1,942	1,942	—	63	63
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	1	—	968	968	—	31	31
Korea, South	—	—	—	—	—	266	266	—	9	9
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	962	962	—	31	31
Malaysia	—	—	—	—	—	138	138	—	4	4
Mexico	—	—	—	—	—	315	2,300	64	10	74
Netherlands	—	—	—	—	—	3,433	3,433	—	111	111
Norway	—	—	—	—	—	938	1,304	12	30	42
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	1,144	1,144	—	37	37
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	787	787	—	25	25
Sweden	—	—	—	—	—	329	329	—	11	11
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	1,003	32	—	32
United Kingdom	—	—	—	—	—	1,087	1,087	—	35	35
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	1	—	106	1	—	691	3,290	84	22	106
Total	75	—	1,208	115	—	29,761	50,213	660	960	1,620
Persian Gulf⁴	—	—	—	—	—	1,480	3,678	71	48	119

-- = Not Applicable.

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	9,061	269	-	1,615	-	-	-	245	1,205	1,450
Algeria	1,997	-	-	466	-	-	-	-	12	12
Angola	1,237	-	-	101	-	-	-	-	428	428
Congo (Brazzaville)	901	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	1,059	-	-	1,048	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	624	-	-	-	-	-	-	-	-	-
Nigeria	2,245	-	-	-	-	-	-	-	-	-
Saudi Arabia	500	-	-	-	-	-	-	245	765	1,010
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	498	-	-	-	-	-	-	-	-	-
Non-OPEC	8,772	386	303	581	-	3,541	3,541	3,756	10,421	14,177
Argentina	-	-	-	-	-	-	-	-	267	267
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	211	211	40	86	126
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	703	703	278	-	278
Brazil	-	-	-	-	-	-	-	-	1,805	1,805
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	2,953	386	303	-	-	343	343	2,196	784	2,980
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	323	323	-	-	-
Colombia	476	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	271	271
France	-	-	-	-	-	328	328	-	386	386
Germany	-	-	-	-	-	155	155	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	695	695
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	105	-	-	-	184	1,230	1,414
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	317	317
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	1,205	-	-	269	-	-	-	-	-	-
Netherlands	-	-	-	147	-	435	435	-	494	494
Norway	-	-	-	-	-	427	427	-	722	722
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	284	284	-	473	473
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	60	-	-	-	-	1,112	1,112
Sweden	-	-	-	-	-	-	-	160	331	491
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	504	-	-	-	-	-	-	-	-	-
United Kingdom	735	-	-	-	-	16	16	898	316	1,214
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	2,899	0	0	0	-	316	316	0	1,132	1,132
Total	17,833	655	303	2,196	-	3,541	3,541	4,001	11,626	15,627
Persian Gulf⁴	1,559	-	-	1,048	-	-	-	245	765	1,010

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	249	592	-	-	2,823	2	-	-	2,825	-	44
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	249	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	37	-	-	2,311	2	-	-	2,313	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	476	-	-	-	476	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	161	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	142	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	44
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	252	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	0	0	-	-	36	0	-	-	36	-	0
Total	249	592	-	-	2,823	2	-	-	2,825	-	44
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	652	-	-	-	1	1	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	1	1	-	-
Kuwait	-	652	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	960	-	-	149	1,592	1,741	-	-
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	129	129	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	100	63	163	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	170	-	-	-	363	363	-	-
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	98	-	-	-	935	935	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	12	12	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	532	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	160	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	1	1	-	-
Mexico	-	-	-	-	-	41	41	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	49	48	97	-	-
Total	-	1,612	-	-	149	1,593	1,742	-	-
Persian Gulf⁴	-	652	-	-	-	1	1	-	-

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	—	—	3,987	13,048	302	133	435
Algeria	—	—	—	—	—	478	2,475	67	16	83
Angola	—	—	—	—	—	798	2,035	41	27	68
Congo (Brazzaville)	—	—	—	—	—	—	901	30	—	30
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	1,049	2,108	35	35	70
Kuwait	—	—	—	—	—	652	652	—	22	22
Libya	—	—	—	—	—	—	624	21	—	21
Nigeria	—	—	—	—	—	—	2,245	75	—	75
Saudi Arabia	—	—	—	—	—	1,010	1,510	17	34	50
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	498	17	—	17
Non-OPEC	82	—	995	113	—	26,589	35,361	292	886	1,179
Argentina	—	—	—	—	—	267	267	—	9	9
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	466	466	—	16	16
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	981	981	—	33	33
Brazil	—	—	—	—	—	2,217	2,217	—	74	74
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	73	—	642	67	—	7,677	10,630	98	256	354
Chad	—	—	—	—	—	—	—	—	—	—
China	2	—	—	—	—	325	325	—	11	11
Colombia	—	—	—	—	—	1,509	1,985	16	50	66
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	12	12	—	0	0
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	271	271	—	9	9
France	—	—	—	4	—	718	718	—	24	24
Germany	—	—	—	10	—	326	326	—	11	11
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	1,227	1,227	—	41	41
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	1	—	1,662	1,662	—	55	55
Korea, South	—	—	—	31	—	191	191	—	6	6
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	317	317	—	11	11
Malaysia	1	—	—	—	—	2	2	—	0	0
Mexico	—	—	—	—	—	310	1,515	40	10	51
Netherlands	—	—	39	—	—	1,159	1,159	—	39	39
Norway	—	—	—	—	—	1,149	1,149	—	38	38
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	757	757	—	25	25
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—
Spain	3	—	19	—	—	1,446	1,446	—	48	48
Sweden	—	—	—	—	—	491	491	—	16	16
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	504	17	—	17
United Kingdom	—	—	—	—	—	1,230	1,965	25	41	66
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	3	—	295	0	—	1,879	4,778	96	63	159
Total	82	—	995	113	—	30,576	48,409	594	1,019	1,614
Persian Gulf⁴	—	—	—	—	—	2,711	4,270	52	90	142

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	7,771	-	-	852	-	-	-	-	503	503
Algeria	176	-	-	852	-	-	-	-	-	-
Angola	1,270	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	731	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	39	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	294	294
Libya	2,288	-	-	-	-	-	-	-	-	-
Nigeria	1,498	-	-	-	-	-	-	-	-	-
Saudi Arabia	1,769	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	209	209
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	9,532	754	254	555	-	1,784	1,784	3,907	10,103	14,010
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	37	37	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	23	23	31	65	96
Brazil	-	-	-	-	-	-	-	-	1,676	1,676
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,804	754	254	-	-	354	354	1,807	401	2,208
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	534	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	173	-	369	369	9	1,162	1,171
Germany	-	-	-	-	-	5	5	26	-	26
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	1,403	1,403
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	176	176	-	1,086	1,086
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	225	225
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	2,963	-	-	332	-	-	-	-	-	-
Netherlands	-	-	-	-	-	108	108	667	456	1,123
Norway	-	-	-	-	-	648	648	90	245	335
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	50	-	-	-	-	349	349
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	14	14	10	963	973
Sweden	-	-	-	-	-	18	18	-	621	621
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	1,008	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	32	32	1,267	689	1,956
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	1,223	0	0	0	-	0	0	0	762	762
Total	17,303	754	254	1,407	-	1,784	1,784	3,907	10,606	14,513
Persian Gulf⁴	1,808	-	-	-	-	-	-	-	503	503

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	558	-	-	2,494	6	-	-	2,500	-	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	101	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	85	-	-	2,429	6	-	-	2,435	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	65	-	-	-	65	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	71	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	37	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	264	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	0	-	-	0	-	-	-
Total	-	558	-	-	2,494	6	-	-	2,500	-	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	10	2	171	468	492	1,131	1	-
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	171	3	-	174	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	2	-	-	241	241	1	-
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	251	251	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	85	-	85	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	10	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	235	-	235	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	0	0	0	145	0	145	0	-
Total	-	10	2	171	468	492	1,131	1	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	—	—	1,355	9,126	251	44	294
Algeria	—	—	—	—	—	852	1,028	6	27	33
Angola	—	—	—	—	—	—	1,270	41	—	41
Congo (Brazzaville)	—	—	—	—	—	—	731	24	—	24
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	39	1	—	1
Kuwait	—	—	—	—	—	294	294	—	9	9
Libya	—	—	—	—	—	—	2,288	74	—	74
Nigeria	—	—	—	—	—	—	1,498	48	—	48
Saudi Arabia	—	—	—	—	—	—	1,769	57	—	57
United Arab Emirates	—	—	—	—	—	209	209	—	7	7
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	113	1	434	123	—	22,230	31,762	307	717	1,025
Argentina	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	37	37	—	1	1
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	220	220	—	7	7
Brazil	—	—	—	—	—	1,850	1,850	—	60	60
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	85	—	434	96	—	6,949	10,753	123	224	347
Chad	—	—	—	—	—	—	—	—	—	—
China	26	—	—	—	—	26	26	—	1	1
Colombia	—	—	—	—	—	316	316	—	10	10
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	534	17	—	17
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	6	—	1,719	1,719	—	55	55
Germany	—	—	—	20	—	207	207	—	7	7
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	1,413	1,413	—	46	46
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	1	—	1,300	1,300	—	42	42
Korea, South	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	225	225	—	7	7
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	332	3,295	96	11	106
Netherlands	—	—	—	—	—	1,231	1,231	—	40	40
Norway	—	—	—	—	—	983	983	—	32	32
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	399	399	—	13	13
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	1,251	1,251	—	40	40
Sweden	—	—	—	—	—	874	874	—	28	28
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	1,008	33	—	33
United Kingdom	—	—	—	—	—	1,988	1,988	—	64	64
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	2	1	0	0	—	910	2,133	38	29	69
Total	113	1	434	123	—	23,585	40,888	558	761	1,319
Persian Gulf⁴	—	—	—	—	—	503	2,311	58	16	75

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	8,912	257	-	619	-	-	-	-	489	489
Algeria	240	-	-	612	-	-	-	-	-	-
Angola	85	-	-	-	-	-	-	-	214	214
Congo (Brazzaville)	241	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	257	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	7	-	-	-	-	-	-
Kuwait	1	-	-	-	-	-	-	-	-	-
Libya	1,809	-	-	-	-	-	-	-	-	-
Nigeria	4,537	-	-	-	-	-	-	-	275	275
Saudi Arabia	1,502	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	497	-	-	-	-	-	-	-	-	-
Non-OPEC	12,494	1,100	228	1,824	-	3,122	3,122	3,634	6,824	10,458
Argentina	-	-	-	-	-	-	-	-	434	434
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	310	310	-	1,226	1,226
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	147	-	71	71	31	-	31
Brazil	243	-	-	-	-	-	-	-	1,532	1,532
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	5,082	1,100	228	78	-	307	307	1,386	653	2,039
Chad	543	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	535	-	-	709	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	1	-	-	-	-	-	-	-	-	-
Egypt	14	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	339	339
France	-	-	-	27	-	165	165	22	1,032	1,054
Germany	-	-	-	3	-	11	11	9	-	9
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	427	427
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	93	-	624	624	-	297	297
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	1,779	-	-	3	-	-	-	-	-	-
Netherlands	2	-	-	98	-	267	267	1,011	97	1,108
Norway	-	-	-	-	-	936	936	18	-	18
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	201	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	10	-	-	-	-	-	-	-	-	-
Spain	-	-	-	283	-	58	58	9	78	87
Sweden	-	-	-	3	-	8	8	7	157	164
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	504	-	-	21	-	-	-	-	-	-
United Kingdom	698	-	-	68	-	36	36	1,141	217	1,358
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	3,083	0	0	90	-	329	329	0	335	335
Total	21,406	1,357	228	2,443	-	3,122	3,122	3,634	7,313	10,947
Persian Gulf⁴	1,503	-	-	7	-	-	-	-	-	-

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	430	-	-	-	430	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	430	-	-	-	430	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	664	-	-	2,962	78	-	-	3,040	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	117	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	79	-	-	2,610	1	-	-	2,611	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	69	-	-	69	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	198	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	30	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	352	-	-	-	352	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	240	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	8	-	-	8	-	-
Total	-	664	-	-	3,392	78	-	-	3,470	-	-
Persian Gulf⁴	-	-	-	-	782	-	-	-	782	-	-

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	467	—	—	—	5	5	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	5	5	—	—
Kuwait	—	467	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	367	1	—	—	592	592	21	—
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	314	1	—	—	82	82	1	—
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	205	205	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	65	65	—	—
Egypt	—	—	—	—	—	—	—	20	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	16	—	—	—	3	3	—	—
Netherlands	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	17	17	—	—
United Kingdom	—	37	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	0	0	—	—	220	220	0	—
Total	—	834	1	—	—	597	597	21	—
Persian Gulf⁴	—	467	—	—	—	5	5	—	—

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	35	—	2,302	11,214	297	77	374
Algeria	—	—	—	—	—	612	852	8	20	28
Angola	—	—	—	—	—	214	299	3	7	10
Congo (Brazzaville)	—	—	—	—	—	—	241	8	—	8
Equatorial Guinea	—	—	—	—	—	257	257	—	9	9
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	12	12	—	0	0
Kuwait	—	—	—	—	—	467	468	0	16	16
Libya	—	—	—	—	—	—	1,809	60	—	60
Nigeria	—	—	—	—	—	275	4,812	151	9	160
Saudi Arabia	—	—	—	—	—	—	1,502	50	—	50
United Arab Emirates	—	—	—	35	—	465	465	—	16	16
Venezuela	—	—	—	—	—	—	497	17	—	17
Non-OPEC	71	—	232	161	—	21,881	34,375	416	729	1,146
Argentina	—	—	—	—	—	434	434	—	14	14
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	1,536	1,538	0	51	51
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	366	366	—	12	12
Brazil	—	—	—	—	—	1,532	1,775	8	51	59
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	63	—	165	89	—	7,157	12,239	169	239	408
Chad	—	—	—	—	—	—	543	18	—	18
China	7	—	—	—	—	7	7	—	0	0
Colombia	—	—	—	—	—	914	1,449	18	30	48
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	134	135	0	4	5
Egypt	—	—	—	—	—	20	34	0	1	1
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	339	339	—	11	11
France	—	—	—	3	—	1,249	1,249	—	42	42
Germany	—	—	—	9	—	230	230	—	8	8
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	427	427	—	14	14
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	1	—	1,045	1,045	—	35	35
Korea, South	1	—	—	59	—	60	60	—	2	2
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	22	1,801	59	1	60
Netherlands	—	—	—	—	—	1,473	1,475	0	49	49
Norway	—	—	—	—	—	954	954	—	32	32
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	201	201	—	7	7
Qatar	—	—	—	—	—	352	352	—	12	12
Russia	—	—	—	—	—	—	10	0	—	0
Spain	—	—	67	—	—	735	735	—	25	25
Sweden	—	—	—	—	—	175	175	—	6	6
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	38	542	17	1	18
United Kingdom	—	—	—	—	—	1,499	2,197	23	50	73
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	0	—	0	0	—	982	4,063	104	32	136
Total	71	—	232	196	—	24,183	45,589	714	806	1,520
Persian Gulf⁴	—	—	—	35	—	1,296	2,799	50	43	93

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Note: A small amount of Russian crude oil entered the United States in November 2023 from the Bahamas. The oil originated in Russia and was exported to the Bahamas prior to the signing of Executive Order 14066 on March 8, 2022.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	8,090	526	-	516	-	-	-	-	324	324
Algeria	369	-	-	-	-	-	-	-	-	-
Angola	593	-	-	-	-	-	-	-	324	324
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	516	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	2,457	-	-	-	-	-	-	-	-	-
Nigeria	3,169	526	-	-	-	-	-	-	-	-
Saudi Arabia	1,502	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	10,310	1,278	320	1,552	-	2,883	2,883	5,082	10,713	15,795
Argentina	-	-	-	-	-	-	-	-	151	151
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	1,013	1,013	320	2,225	2,545
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	12	-	12
Brazil	163	-	-	-	-	198	198	137	1,054	1,191
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,300	1,278	320	260	-	300	300	2,087	1,299	3,386
Chad	403	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	427	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	322	-	322
France	-	-	-	85	-	18	18	31	1,261	1,292
Germany	-	-	-	-	-	22	22	3	-	3
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	614	-	-	-	-	1,150	1,150
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	9	9	-	923	923
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	2,677	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	18	18	350	267	617
Norway	-	-	-	-	-	659	659	213	25	238
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	318	318
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	166	-	87	87	-	1,087	1,087
Sweden	-	-	-	-	-	5	5	-	160	160
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	10	-	-	-	-	226	226	1,607	366	1,973
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	3,757	0	0	0	-	328	328	0	427	427
Total	18,400	1,804	320	2,068	-	2,883	2,883	5,082	11,037	16,119
Persian Gulf⁴	1,502	-	-	516	-	-	-	-	-	-

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	735	-	-	-	735	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	735	-	-	-	735	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	621	-	-	5,760	-	-	-	5,760	-	12
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	123	-	-	4,256	-	-	-	4,256	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	347	-	-	-	347	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	232	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	829	-	-	-	829	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	113	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	19	-	-	-	19	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	12
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	309	-	-	-	309	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	153	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	-	-	-	0	-	0
Total	-	621	-	-	6,495	-	-	-	6,495	-	12
Persian Gulf⁴	-	-	-	-	1,044	-	-	-	1,044	-	-

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	655	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	425	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	230	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	824	1	-	-	1,074	1,074	63	-
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	1	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	274	1	-	-	405	405	59	-
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	97	97	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	3	3	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	542	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	7	-	-	-	247	247	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	4	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	0	0	-	-	322	322	0	-
Total	-	1,479	1	-	-	1,074	1,074	63	-
Persian Gulf⁴	-	655	-	-	-	-	-	-	-

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	84	—	—	2,840	10,930	261	92	353
Algeria	—	—	—	—	—	—	369	12	—	12
Angola	—	—	—	—	—	324	917	19	10	30
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	516	516	—	17	17
Kuwait	—	—	—	—	—	425	425	—	14	14
Libya	—	—	—	—	—	—	2,457	79	—	79
Nigeria	—	—	—	—	—	526	3,695	102	17	119
Saudi Arabia	—	—	—	—	—	965	2,467	48	31	80
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	84	—	—	84	84	—	3	3
Non-OPEC	88	—	474	91	—	30,836	41,146	333	995	1,327
Argentina	—	—	—	1	—	152	152	—	5	5
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	3,558	3,558	—	115	115
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	12	12	—	0	0
Brazil	—	—	—	—	—	1,390	1,553	5	45	50
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	82	—	474	78	—	11,296	14,596	106	364	471
Chad	—	—	—	—	—	—	403	13	—	13
China	6	—	—	—	—	6	6	—	0	0
Colombia	—	—	—	—	—	871	871	—	28	28
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	3	3	—	0	0
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	322	322	—	10	10
France	—	—	—	—	—	1,395	1,395	—	45	45
Germany	—	—	—	10	—	267	267	—	9	9
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	3,135	3,135	—	101	101
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	1	—	1,046	1,046	—	34	34
Korea, South	—	—	—	1	—	1	1	—	0	0
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	273	2,950	86	9	95
Netherlands	—	—	—	—	—	647	647	—	21	21
Norway	—	—	—	—	—	897	897	—	29	29
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	318	318	—	10	10
Qatar	—	—	—	—	—	309	309	—	10	10
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	1,493	1,493	—	48	48
Sweden	—	—	—	—	—	165	165	—	5	5
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	2,203	2,213	0	71	71
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	0	—	0	0	—	1,077	4,834	123	36	157
Total	88	—	558	91	—	33,676	52,076	594	1,086	1,680
Persian Gulf⁴	—	—	—	—	—	2,215	3,717	48	71	120

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	82,041	2,199	258	-	-	-	-	-	780	780
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	82,041	2,199	258	-	-	-	-	-	780	780
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	-	-	-	-	-	0	0
Total	82,041	2,199	258	-	-	-	-	-	780	780
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	90	-	-	447	3	1	-	451	-	3
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	90	-	-	447	3	1	-	451	-	3
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	0	0	-	0	-	0
Total	-	90	-	-	447	3	1	-	451	-	3
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	3	-	7	119	126	105	78
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	3	-	7	119	126	105	78
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	0	0	0	0	0
Total	-	-	3	-	7	119	126	105	78
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	--	--	--	--	--	--	--	--	--	--
Algeria	--	--	--	--	--	--	--	--	--	--
Angola	--	--	--	--	--	--	--	--	--	--
Congo (Brazzaville)	--	--	--	--	--	--	--	--	--	--
Equatorial Guinea	--	--	--	--	--	--	--	--	--	--
Gabon	--	--	--	--	--	--	--	--	--	--
Iran	--	--	--	--	--	--	--	--	--	--
Iraq	--	--	--	--	--	--	--	--	--	--
Kuwait	--	--	--	--	--	--	--	--	--	--
Libya	--	--	--	--	--	--	--	--	--	--
Nigeria	--	--	--	--	--	--	--	--	--	--
Saudi Arabia	--	--	--	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	--	--	--	--	--
Venezuela	--	--	--	--	--	--	--	--	--	--
Non-OPEC	15	14	638	217	--	4,977	87,018	2,646	161	2,807
Argentina	--	--	--	--	--	--	--	--	--	--
Aruba	--	--	--	--	--	--	--	--	--	--
Australia	--	--	--	--	--	--	--	--	--	--
Bahamas	--	--	--	--	--	--	--	--	--	--
Bahrain	--	--	--	--	--	--	--	--	--	--
Belgium	--	--	--	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--	--	--	--
Brunei	--	--	--	--	--	--	--	--	--	--
Cameroon	--	--	--	--	--	--	--	--	--	--
Canada	15	14	638	217	--	4,977	87,018	2,646	161	2,807
Chad	--	--	--	--	--	--	--	--	--	--
China	--	--	--	--	--	--	--	--	--	--
Colombia	--	--	--	--	--	--	--	--	--	--
Denmark	--	--	--	--	--	--	--	--	--	--
Ecuador	--	--	--	--	--	--	--	--	--	--
Egypt	--	--	--	--	--	--	--	--	--	--
Estonia	--	--	--	--	--	--	--	--	--	--
Finland	--	--	--	--	--	--	--	--	--	--
France	--	--	--	--	--	--	--	--	--	--
Germany	--	--	--	--	--	--	--	--	--	--
Guatemala	--	--	--	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--	--	--	--
Indonesia	--	--	--	--	--	--	--	--	--	--
Italy	--	--	--	--	--	--	--	--	--	--
Korea, South	--	--	--	--	--	--	--	--	--	--
Latvia	--	--	--	--	--	--	--	--	--	--
Lithuania	--	--	--	--	--	--	--	--	--	--
Malaysia	--	--	--	--	--	--	--	--	--	--
Mexico	--	--	--	--	--	--	--	--	--	--
Netherlands	--	--	--	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--	--	--	--
Oman	--	--	--	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	--	--	--	--
Qatar	--	--	--	--	--	--	--	--	--	--
Russia	--	--	--	--	--	--	--	--	--	--
Spain	--	--	--	--	--	--	--	--	--	--
Sweden	--	--	--	--	--	--	--	--	--	--
Syria	--	--	--	--	--	--	--	--	--	--
Trinidad and Tobago	--	--	--	--	--	--	--	--	--	--
United Kingdom	--	--	--	--	--	--	--	--	--	--
Vietnam	--	--	--	--	--	--	--	--	--	--
Virgin Islands, U.S.	--	--	--	--	--	--	--	--	--	--
Yemen	--	--	--	--	--	--	--	--	--	--
Other	0	0	0	0	--	0	0	0	0	0
Total	15	14	638	217	--	4,977	87,018	2,646	161	2,807
Persian Gulf⁴	--	--	--	--	--	--	--	--	--	--

-- = Not Applicable.

-- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	77,138	2,004	310	-	-	-	-	-	568	568
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	77,138	2,004	310	-	-	-	-	-	568	568
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	-	-	-	-	-	0	0
Total	77,138	2,004	310	-	-	-	-	-	568	568
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	92	-	-	183	2	16	-	201	-	-	6
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	92	-	-	183	2	16	-	201	-	-	6
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	0	0	-	0	-	-	0
Total	-	92	-	-	183	2	16	-	201	-	-	6
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	1	-	8	56	64	88	75
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	1	-	8	56	64	88	75
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	0	0	0	0	0
Total	-	-	1	-	8	56	64	88	75
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	--	--	--	--	--	--	--	--	--	--
Algeria	--	--	--	--	--	--	--	--	--	--
Angola	--	--	--	--	--	--	--	--	--	--
Congo (Brazzaville)	--	--	--	--	--	--	--	--	--	--
Equatorial Guinea	--	--	--	--	--	--	--	--	--	--
Gabon	--	--	--	--	--	--	--	--	--	--
Iran	--	--	--	--	--	--	--	--	--	--
Iraq	--	--	--	--	--	--	--	--	--	--
Kuwait	--	--	--	--	--	--	--	--	--	--
Libya	--	--	--	--	--	--	--	--	--	--
Nigeria	--	--	--	--	--	--	--	--	--	--
Saudi Arabia	--	--	--	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	--	--	--	--	--
Venezuela	--	--	--	--	--	--	--	--	--	--
Non-OPEC	12	14	687	242	--	4,364	81,502	2,755	156	2,911
Argentina	--	--	--	--	--	--	--	--	--	--
Aruba	--	--	--	--	--	--	--	--	--	--
Australia	--	--	--	--	--	--	--	--	--	--
Bahamas	--	--	--	--	--	--	--	--	--	--
Bahrain	--	--	--	--	--	--	--	--	--	--
Belgium	--	--	--	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--	--	--	--
Brunei	--	--	--	--	--	--	--	--	--	--
Cameroon	--	--	--	--	--	--	--	--	--	--
Canada	11	14	687	241	--	4,362	81,500	2,755	156	2,911
Chad	--	--	--	--	--	--	--	--	--	--
China	--	--	--	--	--	--	--	--	--	--
Colombia	--	--	--	--	--	--	--	--	--	--
Denmark	--	--	--	--	--	--	--	--	--	--
Ecuador	--	--	--	--	--	--	--	--	--	--
Egypt	--	--	--	--	--	--	--	--	--	--
Estonia	--	--	--	--	--	--	--	--	--	--
Finland	--	--	--	--	--	--	--	--	--	--
France	--	--	--	--	--	--	--	--	--	--
Germany	--	--	--	1	--	1	1	--	0	0
Guatemala	--	--	--	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--	--	--	--
Indonesia	--	--	--	--	--	--	--	--	--	--
Italy	--	--	--	--	--	--	--	--	--	--
Korea, South	--	--	--	--	--	--	--	--	--	--
Latvia	--	--	--	--	--	--	--	--	--	--
Lithuania	--	--	--	--	--	--	--	--	--	--
Malaysia	--	--	--	--	--	--	--	--	--	--
Mexico	--	--	--	--	--	--	--	--	--	--
Netherlands	--	--	--	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--	--	--	--
Oman	--	--	--	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	--	--	--	--
Qatar	--	--	--	--	--	--	--	--	--	--
Russia	--	--	--	--	--	--	--	--	--	--
Spain	--	--	--	--	--	--	--	--	--	--
Sweden	--	--	--	--	--	--	--	--	--	--
Syria	--	--	--	--	--	--	--	--	--	--
Trinidad and Tobago	--	--	--	--	--	--	--	--	--	--
United Kingdom	--	--	--	--	--	--	--	--	--	--
Vietnam	--	--	--	--	--	--	--	--	--	--
Virgin Islands, U.S.	--	--	--	--	--	--	--	--	--	--
Yemen	--	--	--	--	--	--	--	--	--	--
Other	1	0	0	0	--	1	1	0	0	0
Total	12	14	687	242	--	4,364	81,502	2,755	156	2,911
Persian Gulf⁴	--	--	--	--	--	--	--	--	--	--

-- = Not Applicable.

-- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	81,133	1,716	316	-	-	-	-	-	524	524
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	81,133	1,716	316	-	-	-	-	-	524	524
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	-	-	-	-	-	0	0
Total	81,133	1,716	316	-	-	-	-	-	524	524
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	119	-	-	221	7	30	-	258	-	-	3
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	119	-	-	221	7	30	-	258	-	-	3
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	0	0	-	0	-	-	0
Total	-	119	-	-	221	7	30	-	258	-	-	3
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	6	-	7	25	32	86	65
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	6	-	7	25	32	86	65
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	0	0	0	0	0
Total	-	-	6	-	7	25	32	86	65
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	--	--	--	--	--	--	--	--	--	--
Algeria	--	--	--	--	--	--	--	--	--	--
Angola	--	--	--	--	--	--	--	--	--	--
Congo (Brazzaville)	--	--	--	--	--	--	--	--	--	--
Equatorial Guinea	--	--	--	--	--	--	--	--	--	--
Gabon	--	--	--	--	--	--	--	--	--	--
Iran	--	--	--	--	--	--	--	--	--	--
Iraq	--	--	--	--	--	--	--	--	--	--
Kuwait	--	--	--	--	--	--	--	--	--	--
Libya	--	--	--	--	--	--	--	--	--	--
Nigeria	--	--	--	--	--	--	--	--	--	--
Saudi Arabia	--	--	--	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	--	--	--	--	--
Venezuela	--	--	--	--	--	--	--	--	--	--
Non-OPEC	10	8	912	286	--	4,341	85,474	2,617	140	2,757
Argentina	--	--	--	--	--	--	--	--	--	--
Aruba	--	--	--	--	--	--	--	--	--	--
Australia	--	--	--	--	--	--	--	--	--	--
Bahamas	--	--	--	--	--	--	--	--	--	--
Bahrain	--	--	--	--	--	--	--	--	--	--
Belgium	--	--	--	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--	--	--	--
Brunei	--	--	--	--	--	--	--	--	--	--
Cameroon	--	--	--	--	--	--	--	--	--	--
Canada	9	8	912	285	--	4,339	85,472	2,617	140	2,757
Chad	--	--	--	--	--	--	--	--	--	--
China	--	--	--	--	--	--	--	--	--	--
Colombia	--	--	--	--	--	--	--	--	--	--
Denmark	--	--	--	--	--	--	--	--	--	--
Ecuador	--	--	--	--	--	--	--	--	--	--
Egypt	--	--	--	--	--	--	--	--	--	--
Estonia	--	--	--	--	--	--	--	--	--	--
Finland	--	--	--	--	--	--	--	--	--	--
France	--	--	--	--	--	--	--	--	--	--
Germany	--	--	--	1	--	1	1	--	0	0
Guatemala	--	--	--	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--	--	--	--
Indonesia	--	--	--	--	--	--	--	--	--	--
Italy	--	--	--	--	--	--	--	--	--	--
Korea, South	--	--	--	--	--	--	--	--	--	--
Latvia	--	--	--	--	--	--	--	--	--	--
Lithuania	--	--	--	--	--	--	--	--	--	--
Malaysia	--	--	--	--	--	--	--	--	--	--
Mexico	--	--	--	--	--	--	--	--	--	--
Netherlands	--	--	--	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--	--	--	--
Oman	--	--	--	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	--	--	--	--
Qatar	--	--	--	--	--	--	--	--	--	--
Russia	--	--	--	--	--	--	--	--	--	--
Spain	--	--	--	--	--	--	--	--	--	--
Sweden	--	--	--	--	--	--	--	--	--	--
Syria	--	--	--	--	--	--	--	--	--	--
Trinidad and Tobago	--	--	--	--	--	--	--	--	--	--
United Kingdom	--	--	--	--	--	--	--	--	--	--
Vietnam	--	--	--	--	--	--	--	--	--	--
Virgin Islands, U.S.	--	--	--	--	--	--	--	--	--	--
Yemen	--	--	--	--	--	--	--	--	--	--
Other	1	0	0	0	--	1	1	0	0	0
Total	10	8	912	286	--	4,341	85,474	2,617	140	2,757
Persian Gulf⁴	--	--	--	--	--	--	--	--	--	--

-- = Not Applicable.

-- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	73,588	1,219	209	-	-	-	-	-	309	309
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	73,588	1,219	209	-	-	-	-	-	309	309
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	-	-	-	-	-	0	0
Total	73,588	1,219	209	-	-	-	-	-	309	309
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	108	-	-	160	5	3	-	168	-	4	
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	108	-	-	160	5	3	-	168	-	4	
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	0	0	-	0	-	0	
Total	-	108	-	-	160	5	3	-	168	-	4	
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	9	-	7	108	115	91	71
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	9	-	7	108	115	91	71
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	0	0	0	0	0
Total	-	-	9	-	7	108	115	91	71
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	18	22	626	226	—	3,195	76,783	2,453	107	2,559
Argentina	—	—	—	1	—	1	1	—	0	0
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	2	—	2	2	—	0	0
Brazil	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	17	22	626	220	—	3,188	76,776	2,453	106	2,559
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	3	—	3	3	—	0	0
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	1	0	0	0	—	1	1	0	1	0
Total	18	22	626	226	—	3,195	76,783	2,453	107	2,559
Persian Gulf⁴	—	—	—	—	—	—	—	—	—	—

-- = Not Applicable.

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, May 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	86,968	1,226	245	-	-	-	-	-	250	250
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	86,968	1,226	245	-	-	-	-	-	250	250
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	-	-	-	-	-	0	0
Total	86,968	1,226	245	-	-	-	-	-	250	250
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, May 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	81	-	-	248	3	2	-	253	20	6	
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	81	-	-	248	3	2	-	253	20	6	
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	0	0	-	0	0	0	
Total	-	81	-	-	248	3	2	-	253	20	6	
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, May 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	20	-	6	29	35	84	75
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	20	-	6	29	35	84	75
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	0	0	0	0	0
Total	-	-	20	-	6	29	35	84	75
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, May 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	--	--	--	--	--	--	--	--	--	--
Algeria	--	--	--	--	--	--	--	--	--	--
Angola	--	--	--	--	--	--	--	--	--	--
Congo (Brazzaville)	--	--	--	--	--	--	--	--	--	--
Equatorial Guinea	--	--	--	--	--	--	--	--	--	--
Gabon	--	--	--	--	--	--	--	--	--	--
Iran	--	--	--	--	--	--	--	--	--	--
Iraq	--	--	--	--	--	--	--	--	--	--
Kuwait	--	--	--	--	--	--	--	--	--	--
Libya	--	--	--	--	--	--	--	--	--	--
Nigeria	--	--	--	--	--	--	--	--	--	--
Saudi Arabia	--	--	--	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	--	--	--	--	--
Venezuela	--	--	--	--	--	--	--	--	--	--
Non-OPEC	14	31	511	213	--	3,064	90,032	2,805	99	2,904
Argentina	--	--	--	--	--	--	--	--	--	--
Aruba	--	--	--	--	--	--	--	--	--	--
Australia	--	--	--	--	--	--	--	--	--	--
Bahamas	--	--	--	--	--	--	--	--	--	--
Bahrain	--	--	--	--	--	--	--	--	--	--
Belgium	--	--	--	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--	--	--	--
Brunei	--	--	--	--	--	--	--	--	--	--
Cameroon	--	--	--	--	--	--	--	--	--	--
Canada	14	31	511	208	--	3,059	90,027	2,805	99	2,904
Chad	--	--	--	--	--	--	--	--	--	--
China	--	--	--	--	--	--	--	--	--	--
Colombia	--	--	--	--	--	--	--	--	--	--
Denmark	--	--	--	--	--	--	--	--	--	--
Ecuador	--	--	--	--	--	--	--	--	--	--
Egypt	--	--	--	--	--	--	--	--	--	--
Estonia	--	--	--	--	--	--	--	--	--	--
Finland	--	--	--	--	--	--	--	--	--	--
France	--	--	--	--	--	--	--	--	--	--
Germany	--	--	--	3	--	3	3	--	0	0
Guatemala	--	--	--	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--	--	--	--
Indonesia	--	--	--	--	--	--	--	--	--	--
Italy	--	--	--	--	--	--	--	--	--	--
Korea, South	--	--	--	--	--	--	--	--	--	--
Latvia	--	--	--	--	--	--	--	--	--	--
Lithuania	--	--	--	--	--	--	--	--	--	--
Malaysia	--	--	--	--	--	--	--	--	--	--
Mexico	--	--	--	--	--	--	--	--	--	--
Netherlands	--	--	--	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--	--	--	--
Oman	--	--	--	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	--	--	--	--
Qatar	--	--	--	--	--	--	--	--	--	--
Russia	--	--	--	--	--	--	--	--	--	--
Spain	--	--	--	--	--	--	--	--	--	--
Sweden	--	--	--	1	--	1	1	--	0	0
Syria	--	--	--	--	--	--	--	--	--	--
Trinidad and Tobago	--	--	--	--	--	--	--	--	--	--
United Kingdom	--	--	--	--	--	--	--	--	--	--
Vietnam	--	--	--	--	--	--	--	--	--	--
Virgin Islands, U.S.	--	--	--	--	--	--	--	--	--	--
Yemen	--	--	--	--	--	--	--	--	--	--
Other	0	0	0	1	--	1	1	0	0	0
Total	14	31	511	213	--	3,064	90,032	2,805	99	2,904
Persian Gulf⁴	--	--	--	--	--	--	--	--	--	--

-- = Not Applicable.

-- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	77,571	1,450	235	0	-	-	-	-	385	385
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	77,571	1,450	235	0	-	-	-	-	385	385
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	-	-	-	0	0
Total	77,571	1,450	235	0	-	-	-	-	385	385
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	63	-	-	357	3	1	-	361	-	4
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	63	-	-	357	3	1	-	361	-	4
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	0	0	-	0	-	0
Total	-	63	-	-	357	3	1	-	361	-	4
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	23	-	9	70	79	90	64
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	23	-	9	70	79	90	64
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	0	0	0	0	0
Total	-	-	23	-	9	70	79	90	64
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	--	--	--	--	--	--	--	--	--	--
Algeria	--	--	--	--	--	--	--	--	--	--
Angola	--	--	--	--	--	--	--	--	--	--
Congo (Brazzaville)	--	--	--	--	--	--	--	--	--	--
Equatorial Guinea	--	--	--	--	--	--	--	--	--	--
Gabon	--	--	--	--	--	--	--	--	--	--
Iran	--	--	--	--	--	--	--	--	--	--
Iraq	--	--	--	--	--	--	--	--	--	--
Kuwait	--	--	--	--	--	--	--	--	--	--
Libya	--	--	--	--	--	--	--	--	--	--
Nigeria	--	--	--	--	--	--	--	--	--	--
Saudi Arabia	--	--	--	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	--	--	--	--	--
Venezuela	--	--	--	--	--	--	--	--	--	--
Non-OPEC	20	17	486	218	--	3,495	81,066	2,586	117	2,702
Argentina	--	--	--	--	--	--	--	--	--	--
Aruba	--	--	--	--	--	--	--	--	--	--
Australia	--	--	--	--	--	--	--	--	--	--
Bahamas	--	--	--	--	--	--	--	--	--	--
Bahrain	--	--	--	--	--	--	--	--	--	--
Belgium	--	--	--	9	--	9	9	--	0	0
Brazil	--	--	--	--	--	--	--	--	--	--
Brunei	--	--	--	--	--	--	--	--	--	--
Cameroon	--	--	--	--	--	--	--	--	--	--
Canada	19	17	486	209	--	3,485	81,056	2,586	116	2,702
Chad	--	--	--	--	--	--	--	--	--	--
China	--	--	--	--	--	--	--	--	--	--
Colombia	--	--	--	--	--	--	--	--	--	--
Denmark	--	--	--	--	--	--	--	--	--	--
Ecuador	--	--	--	--	--	--	--	--	--	--
Egypt	--	--	--	--	--	--	--	--	--	--
Estonia	--	--	--	--	--	--	--	--	--	--
Finland	--	--	--	--	--	--	--	--	--	--
France	--	--	--	--	--	--	--	--	--	--
Germany	--	--	--	--	--	--	--	--	--	--
Guatemala	--	--	--	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--	--	--	--
Indonesia	--	--	--	--	--	--	--	--	--	--
Italy	--	--	--	--	--	--	--	--	--	--
Korea, South	--	--	--	--	--	--	--	--	--	--
Latvia	--	--	--	--	--	--	--	--	--	--
Lithuania	--	--	--	--	--	--	--	--	--	--
Malaysia	--	--	--	--	--	--	--	--	--	--
Mexico	--	--	--	--	--	--	--	--	--	--
Netherlands	--	--	--	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--	--	--	--
Oman	--	--	--	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	--	--	--	--
Qatar	--	--	--	--	--	--	--	--	--	--
Russia	--	--	--	--	--	--	--	--	--	--
Spain	--	--	--	--	--	--	--	--	--	--
Sweden	--	--	--	--	--	--	--	--	--	--
Syria	--	--	--	--	--	--	--	--	--	--
Trinidad and Tobago	--	--	--	--	--	--	--	--	--	--
United Kingdom	--	--	--	--	--	--	--	--	--	--
Vietnam	--	--	--	--	--	--	--	--	--	--
Virgin Islands, U.S.	--	--	--	--	--	--	--	--	--	--
Yemen	--	--	--	--	--	--	--	--	--	--
Other	1	0	0	0	--	1	1	0	1	0
Total	20	17	486	218	--	3,495	81,066	2,586	117	2,702
Persian Gulf⁴	--	--	--	--	--	--	--	--	--	--

-- = Not Applicable.

-- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	78,290	1,545	262	-	-	-	-	-	447	447
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	78,290	1,545	262	-	-	-	-	-	447	447
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	-	-	-	-	-	0	0
Total	78,290	1,545	262	-	-	-	-	-	447	447
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	87	-	-	351	4	1	-	356	-	2
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	87	-	-	351	4	1	-	356	-	2
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	0	0	-	0	-	0
Total	-	87	-	-	351	4	1	-	356	-	2
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	18	-	10	78	88	87	70
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	18	-	10	78	88	87	70
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	0	0	0	0	0
Total	-	-	18	-	10	78	88	87	70
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	--	--	--	--	--	--	--	--	--	--
Algeria	--	--	--	--	--	--	--	--	--	--
Angola	--	--	--	--	--	--	--	--	--	--
Congo (Brazzaville)	--	--	--	--	--	--	--	--	--	--
Equatorial Guinea	--	--	--	--	--	--	--	--	--	--
Gabon	--	--	--	--	--	--	--	--	--	--
Iran	--	--	--	--	--	--	--	--	--	--
Iraq	--	--	--	--	--	--	--	--	--	--
Kuwait	--	--	--	--	--	--	--	--	--	--
Libya	--	--	--	--	--	--	--	--	--	--
Nigeria	--	--	--	--	--	--	--	--	--	--
Saudi Arabia	--	--	--	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	--	--	--	--	--
Venezuela	--	--	--	--	--	--	--	--	--	--
Non-OPEC	19	8	686	222	--	3,897	82,187	2,525	126	2,651
Argentina	--	--	--	--	--	--	--	--	--	--
Aruba	--	--	--	--	--	--	--	--	--	--
Australia	--	--	--	--	--	--	--	--	--	--
Bahamas	--	--	--	--	--	--	--	--	--	--
Bahrain	--	--	--	--	--	--	--	--	--	--
Belgium	--	--	--	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--	--	--	--
Brunei	--	--	--	--	--	--	--	--	--	--
Cameroon	--	--	--	--	--	--	--	--	--	--
Canada	17	8	686	222	--	3,895	82,185	2,525	126	2,651
Chad	--	--	--	--	--	--	--	--	--	--
China	--	--	--	--	--	--	--	--	--	--
Colombia	--	--	--	--	--	--	--	--	--	--
Denmark	--	--	--	--	--	--	--	--	--	--
Ecuador	--	--	--	--	--	--	--	--	--	--
Egypt	--	--	--	--	--	--	--	--	--	--
Estonia	--	--	--	--	--	--	--	--	--	--
Finland	--	--	--	--	--	--	--	--	--	--
France	--	--	--	--	--	--	--	--	--	--
Germany	--	--	--	--	--	--	--	--	--	--
Guatemala	--	--	--	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--	--	--	--
Indonesia	--	--	--	--	--	--	--	--	--	--
Italy	--	--	--	--	--	--	--	--	--	--
Korea, South	--	--	--	--	--	--	--	--	--	--
Latvia	--	--	--	--	--	--	--	--	--	--
Lithuania	--	--	--	--	--	--	--	--	--	--
Malaysia	--	--	--	--	--	--	--	--	--	--
Mexico	--	--	--	--	--	--	--	--	--	--
Netherlands	--	--	--	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--	--	--	--
Oman	--	--	--	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	--	--	--	--
Qatar	--	--	--	--	--	--	--	--	--	--
Russia	--	--	--	--	--	--	--	--	--	--
Spain	--	--	--	--	--	--	--	--	--	--
Sweden	--	--	--	--	--	--	--	--	--	--
Syria	--	--	--	--	--	--	--	--	--	--
Trinidad and Tobago	--	--	--	--	--	--	--	--	--	--
United Kingdom	--	--	--	--	--	--	--	--	--	--
Vietnam	--	--	--	--	--	--	--	--	--	--
Virgin Islands, U.S.	--	--	--	--	--	--	--	--	--	--
Yemen	--	--	--	--	--	--	--	--	--	--
Other	2	0	0	0	--	2	2	0	0	0
Total	19	8	686	222	--	3,897	82,187	2,525	126	2,651
Persian Gulf⁴	--	--	--	--	--	--	--	--	--	--

-- = Not Applicable.

-- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, August 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	85,199	2,046	252	-	-	1	1	-	469	469
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	85,199	2,046	252	-	-	1	1	-	469	469
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	-	-	0	0	-	0	0
Total	85,199	2,046	252	-	-	1	1	-	469	469
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, August 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	76	-	-	265	5	8	-	278	-	4	
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	76	-	-	265	5	8	-	278	-	4	
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	0	0	-	0	-	0	
Total	-	76	-	-	265	5	8	-	278	-	4	
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, August 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	17	-	5	69	74	90	76
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	17	-	5	69	74	90	76
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	0	0	0	0	0
Total	-	-	17	-	5	69	74	90	76
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, August 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	--	--	--	--	--	--	--	--	--	--
Algeria	--	--	--	--	--	--	--	--	--	--
Angola	--	--	--	--	--	--	--	--	--	--
Congo (Brazzaville)	--	--	--	--	--	--	--	--	--	--
Equatorial Guinea	--	--	--	--	--	--	--	--	--	--
Gabon	--	--	--	--	--	--	--	--	--	--
Iran	--	--	--	--	--	--	--	--	--	--
Iraq	--	--	--	--	--	--	--	--	--	--
Kuwait	--	--	--	--	--	--	--	--	--	--
Libya	--	--	--	--	--	--	--	--	--	--
Nigeria	--	--	--	--	--	--	--	--	--	--
Saudi Arabia	--	--	--	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	--	--	--	--	--
Venezuela	--	--	--	--	--	--	--	--	--	--
Non-OPEC	21	10	588	250	--	4,252	89,451	2,748	137	2,886
Argentina	--	--	--	--	--	--	--	--	--	--
Aruba	--	--	--	--	--	--	--	--	--	--
Australia	--	--	--	--	--	--	--	--	--	--
Bahamas	--	--	--	--	--	--	--	--	--	--
Bahrain	--	--	--	--	--	--	--	--	--	--
Belgium	--	--	--	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--	--	--	--
Brunei	--	--	--	--	--	--	--	--	--	--
Cameroon	--	--	--	--	--	--	--	--	--	--
Canada	20	9	588	248	--	4,248	89,447	2,748	137	2,885
Chad	--	--	--	--	--	--	--	--	--	--
China	--	--	--	--	--	--	--	--	--	--
Colombia	--	--	--	--	--	--	--	--	--	--
Denmark	--	--	--	--	--	--	--	--	--	--
Ecuador	--	--	--	--	--	--	--	--	--	--
Egypt	--	--	--	--	--	--	--	--	--	--
Estonia	--	--	--	--	--	--	--	--	--	--
Finland	--	--	--	--	--	--	--	--	--	--
France	--	--	--	--	--	--	--	--	--	--
Germany	--	--	--	1	--	1	1	--	0	0
Guatemala	--	--	--	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--	--	--	--
Indonesia	--	--	--	--	--	--	--	--	--	--
Italy	--	--	--	--	--	--	--	--	--	--
Korea, South	--	--	--	--	--	--	--	--	--	--
Latvia	--	--	--	--	--	--	--	--	--	--
Lithuania	--	--	--	--	--	--	--	--	--	--
Malaysia	--	--	--	--	--	--	--	--	--	--
Mexico	--	--	--	--	--	--	--	--	--	--
Netherlands	--	--	--	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--	--	--	--
Oman	--	--	--	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	--	--	--	--
Qatar	--	--	--	--	--	--	--	--	--	--
Russia	--	--	--	--	--	--	--	--	--	--
Spain	--	--	--	--	--	--	--	--	--	--
Sweden	--	1	--	--	--	1	1	--	0	0
Syria	--	--	--	--	--	--	--	--	--	--
Trinidad and Tobago	--	--	--	--	--	--	--	--	--	--
United Kingdom	--	--	--	1	--	1	1	--	0	0
Vietnam	--	--	--	--	--	--	--	--	--	--
Virgin Islands, U.S.	--	--	--	--	--	--	--	--	--	--
Yemen	--	--	--	--	--	--	--	--	--	--
Other	1	0	0	0	--	1	1	0	0	1
Total	21	10	588	250	--	4,252	89,451	2,748	137	2,886
Persian Gulf⁴	--	--	--	--	--	--	--	--	--	--

-- = Not Applicable.

-- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	76,058	1,510	232	-	-	-	-	-	410	410
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	76,058	1,510	232	-	-	-	-	-	410	410
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	-	-	-	-	-	0	0
Total	76,058	1,510	232	-	-	-	-	-	410	410
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	70	-	-	156	1	2	-	159	-	3
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	70	-	-	156	1	2	-	159	-	3
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	0	0	-	0	-	0
Total	-	70	-	-	156	1	2	-	159	-	3
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	22	-	7	77	84	90	63
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	22	-	7	77	84	90	63
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	0	0	0	0	0
Total	-	-	22	-	7	77	84	90	63
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	--	--	--	--	--	--	--	--	--	--
Algeria	--	--	--	--	--	--	--	--	--	--
Angola	--	--	--	--	--	--	--	--	--	--
Congo (Brazzaville)	--	--	--	--	--	--	--	--	--	--
Equatorial Guinea	--	--	--	--	--	--	--	--	--	--
Gabon	--	--	--	--	--	--	--	--	--	--
Iran	--	--	--	--	--	--	--	--	--	--
Iraq	--	--	--	--	--	--	--	--	--	--
Kuwait	--	--	--	--	--	--	--	--	--	--
Libya	--	--	--	--	--	--	--	--	--	--
Nigeria	--	--	--	--	--	--	--	--	--	--
Saudi Arabia	--	--	--	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	--	--	--	--	--
Venezuela	--	--	--	--	--	--	--	--	--	--
Non-OPEC	15	7	618	200	--	3,483	79,541	2,535	116	2,651
Argentina	--	--	--	--	--	--	--	--	--	--
Aruba	--	--	--	--	--	--	--	--	--	--
Australia	--	--	--	--	--	--	--	--	--	--
Bahamas	--	--	--	--	--	--	--	--	--	--
Bahrain	--	--	--	--	--	--	--	--	--	--
Belgium	--	--	--	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--	--	--	--
Brunei	--	--	--	--	--	--	--	--	--	--
Cameroon	--	--	--	--	--	--	--	--	--	--
Canada	14	6	618	197	--	3,478	79,536	2,535	116	2,651
Chad	--	--	--	--	--	--	--	--	--	--
China	--	--	--	--	--	--	--	--	--	--
Colombia	--	--	--	--	--	--	--	--	--	--
Denmark	--	--	--	--	--	--	--	--	--	--
Ecuador	--	--	--	--	--	--	--	--	--	--
Egypt	--	--	--	--	--	--	--	--	--	--
Estonia	--	--	--	--	--	--	--	--	--	--
Finland	--	--	--	--	--	--	--	--	--	--
France	--	--	--	--	--	--	--	--	--	--
Germany	--	--	--	3	--	3	3	--	0	0
Guatemala	--	--	--	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--	--	--	--
Indonesia	--	--	--	--	--	--	--	--	--	--
Italy	--	--	--	--	--	--	--	--	--	--
Korea, South	--	--	--	--	--	--	--	--	--	--
Latvia	--	--	--	--	--	--	--	--	--	--
Lithuania	--	--	--	--	--	--	--	--	--	--
Malaysia	--	--	--	--	--	--	--	--	--	--
Mexico	--	--	--	--	--	--	--	--	--	--
Netherlands	--	--	--	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--	--	--	--
Oman	--	--	--	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	--	--	--	--
Qatar	--	--	--	--	--	--	--	--	--	--
Russia	--	--	--	--	--	--	--	--	--	--
Spain	--	--	--	--	--	--	--	--	--	--
Sweden	--	1	--	--	--	1	1	--	0	0
Syria	--	--	--	--	--	--	--	--	--	--
Trinidad and Tobago	--	--	--	--	--	--	--	--	--	--
United Kingdom	--	--	--	--	--	--	--	--	--	--
Vietnam	--	--	--	--	--	--	--	--	--	--
Virgin Islands, U.S.	--	--	--	--	--	--	--	--	--	--
Yemen	--	--	--	--	--	--	--	--	--	--
Other	1	0	0	0	--	1	1	0	0	0
Total	15	7	618	200	--	3,483	79,541	2,535	116	2,651
Persian Gulf⁴	--	--	--	--	--	--	--	--	--	--

-- = Not Applicable.

-- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	80,220	1,362	213	-	-	-	-	-	841	841
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	80,220	1,362	213	-	-	-	-	-	841	841
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	-	-	-	-	-	0	0
Total	80,220	1,362	213	-	-	-	-	-	841	841
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	111	-	-	199	3	5	-	207	-	4	
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	111	-	-	199	3	5	-	207	-	4	
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	0	0	-	0	-	0	
Total	-	111	-	-	199	3	5	-	207	-	4	
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	10	-	14	188	202	85	57
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	10	-	14	188	202	85	57
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	0	0	0	0	0
Total	-	-	10	-	14	188	202	85	57
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	--	--	--	--	--	--	--	--	--	--
Algeria	--	--	--	--	--	--	--	--	--	--
Angola	--	--	--	--	--	--	--	--	--	--
Congo (Brazzaville)	--	--	--	--	--	--	--	--	--	--
Equatorial Guinea	--	--	--	--	--	--	--	--	--	--
Gabon	--	--	--	--	--	--	--	--	--	--
Iran	--	--	--	--	--	--	--	--	--	--
Iraq	--	--	--	--	--	--	--	--	--	--
Kuwait	--	--	--	--	--	--	--	--	--	--
Libya	--	--	--	--	--	--	--	--	--	--
Nigeria	--	--	--	--	--	--	--	--	--	--
Saudi Arabia	--	--	--	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	--	--	--	--	--
Venezuela	--	--	--	--	--	--	--	--	--	--
Non-OPEC	20	2	617	200	--	3,931	84,151	2,588	127	2,715
Argentina	--	--	--	--	--	--	--	--	--	--
Aruba	--	--	--	--	--	--	--	--	--	--
Australia	--	--	--	--	--	--	--	--	--	--
Bahamas	--	--	--	--	--	--	--	--	--	--
Bahrain	--	--	--	--	--	--	--	--	--	--
Belgium	--	--	--	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--	--	--	--
Brunei	--	--	--	--	--	--	--	--	--	--
Cameroon	--	--	--	--	--	--	--	--	--	--
Canada	18	1	617	196	--	3,924	84,144	2,588	127	2,714
Chad	--	--	--	--	--	--	--	--	--	--
China	--	--	--	--	--	--	--	--	--	--
Colombia	--	--	--	--	--	--	--	--	--	--
Denmark	--	--	--	--	--	--	--	--	--	--
Ecuador	--	--	--	--	--	--	--	--	--	--
Egypt	--	--	--	--	--	--	--	--	--	--
Estonia	--	--	--	--	--	--	--	--	--	--
Finland	--	--	--	--	--	--	--	--	--	--
France	--	--	--	--	--	--	--	--	--	--
Germany	--	--	--	4	--	4	4	--	0	0
Guatemala	--	--	--	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--	--	--	--
Indonesia	--	--	--	--	--	--	--	--	--	--
Italy	--	--	--	--	--	--	--	--	--	--
Korea, South	--	--	--	--	--	--	--	--	--	--
Latvia	--	--	--	--	--	--	--	--	--	--
Lithuania	--	--	--	--	--	--	--	--	--	--
Malaysia	--	--	--	--	--	--	--	--	--	--
Mexico	--	--	--	--	--	--	--	--	--	--
Netherlands	--	--	--	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--	--	--	--
Oman	--	--	--	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	--	--	--	--
Qatar	--	--	--	--	--	--	--	--	--	--
Russia	--	--	--	--	--	--	--	--	--	--
Spain	--	--	--	--	--	--	--	--	--	--
Sweden	--	1	--	--	--	1	1	--	0	0
Syria	--	--	--	--	--	--	--	--	--	--
Trinidad and Tobago	--	--	--	--	--	--	--	--	--	--
United Kingdom	--	--	--	--	--	--	--	--	--	--
Vietnam	--	--	--	--	--	--	--	--	--	--
Virgin Islands, U.S.	--	--	--	--	--	--	--	--	--	--
Yemen	--	--	--	--	--	--	--	--	--	--
Other	2	0	0	0	--	2	2	0	0	1
Total	20	2	617	200	--	3,931	84,151	2,588	127	2,715
Persian Gulf⁴	--	--	--	--	--	--	--	--	--	--

-- = Not Applicable.

-- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	92,803	1,561	226	0	-	-	-	-	627	627
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	92,803	1,561	226	0	-	-	-	-	627	627
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	-	-	-	0	0
Total	92,803	1,561	226	0	-	-	-	-	627	627
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	120	-	-	221	3	17	-	241	-	4
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	120	-	-	221	3	17	-	241	-	4
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	0	0	-	0	-	0
Total	-	120	-	-	221	3	17	-	241	-	4
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	11	-	9	115	124	87	75
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	11	-	9	115	124	87	75
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	0	0	0	0	0
Total	-	-	11	-	9	115	124	87	75
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	--	--	--	--	--	--	--	--	--	--
Algeria	--	--	--	--	--	--	--	--	--	--
Angola	--	--	--	--	--	--	--	--	--	--
Congo (Brazzaville)	--	--	--	--	--	--	--	--	--	--
Equatorial Guinea	--	--	--	--	--	--	--	--	--	--
Gabon	--	--	--	--	--	--	--	--	--	--
Iran	--	--	--	--	--	--	--	--	--	--
Iraq	--	--	--	--	--	--	--	--	--	--
Kuwait	--	--	--	--	--	--	--	--	--	--
Libya	--	--	--	--	--	--	--	--	--	--
Nigeria	--	--	--	--	--	--	--	--	--	--
Saudi Arabia	--	--	--	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	--	--	--	--	--
Venezuela	--	--	--	--	--	--	--	--	--	--
Non-OPEC	17	1	505	220	--	3,819	96,622	3,093	127	3,221
Argentina	--	--	--	--	--	--	--	--	--	--
Aruba	--	--	--	--	--	--	--	--	--	--
Australia	--	--	--	--	--	--	--	--	--	--
Bahamas	--	--	--	--	--	--	--	--	--	--
Bahrain	--	--	--	--	--	--	--	--	--	--
Belgium	--	--	--	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--	--	--	--
Brunei	--	--	--	--	--	--	--	--	--	--
Cameroon	--	--	--	--	--	--	--	--	--	--
Canada	17	1	505	219	--	3,818	96,621	3,093	127	3,221
Chad	--	--	--	--	--	--	--	--	--	--
China	--	--	--	--	--	--	--	--	--	--
Colombia	--	--	--	--	--	--	--	--	--	--
Denmark	--	--	--	--	--	--	--	--	--	--
Ecuador	--	--	--	--	--	--	--	--	--	--
Egypt	--	--	--	--	--	--	--	--	--	--
Estonia	--	--	--	--	--	--	--	--	--	--
Finland	--	--	--	--	--	--	--	--	--	--
France	--	--	--	--	--	--	--	--	--	--
Germany	--	--	--	1	--	1	1	--	0	0
Guatemala	--	--	--	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--	--	--	--
Indonesia	--	--	--	--	--	--	--	--	--	--
Italy	--	--	--	--	--	--	--	--	--	--
Korea, South	--	--	--	--	--	--	--	--	--	--
Latvia	--	--	--	--	--	--	--	--	--	--
Lithuania	--	--	--	--	--	--	--	--	--	--
Malaysia	--	--	--	--	--	--	--	--	--	--
Mexico	--	--	--	--	--	--	--	--	--	--
Netherlands	--	--	--	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--	--	--	--
Oman	--	--	--	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	--	--	--	--
Qatar	--	--	--	--	--	--	--	--	--	--
Russia	--	--	--	--	--	--	--	--	--	--
Spain	--	--	--	--	--	--	--	--	--	--
Sweden	--	--	--	--	--	--	--	--	--	--
Syria	--	--	--	--	--	--	--	--	--	--
Trinidad and Tobago	--	--	--	--	--	--	--	--	--	--
United Kingdom	--	--	--	--	--	--	--	--	--	--
Vietnam	--	--	--	--	--	--	--	--	--	--
Virgin Islands, U.S.	--	--	--	--	--	--	--	--	--	--
Yemen	--	--	--	--	--	--	--	--	--	--
Other	0	0	0	0	--	0	0	0	0	0
Total	17	1	505	220	--	3,819	96,622	3,093	127	3,221
Persian Gulf⁴	--	--	--	--	--	--	--	--	--	--

-- = Not Applicable.

-- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	86,438	1,610	300	0	-	-	-	-	497	497
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	86,438	1,610	300	0	-	-	-	-	497	497
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	-	-	-	0	0
Total	86,438	1,610	300	0	-	-	-	-	497	497
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	85	-	-	217	2	24	-	243	-	2
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	85	-	-	217	2	24	-	243	-	2
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	0	0	-	0	-	0
Total	-	85	-	-	217	2	24	-	243	-	2
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	6	-	7	145	152	88	69
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	6	-	7	145	152	88	69
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	0	0	0	0	0
Total	-	-	6	-	7	145	152	88	69
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	--	--	--	--	--	--	--	--	--	--
Algeria	--	--	--	--	--	--	--	--	--	--
Angola	--	--	--	--	--	--	--	--	--	--
Congo (Brazzaville)	--	--	--	--	--	--	--	--	--	--
Equatorial Guinea	--	--	--	--	--	--	--	--	--	--
Gabon	--	--	--	--	--	--	--	--	--	--
Iran	--	--	--	--	--	--	--	--	--	--
Iraq	--	--	--	--	--	--	--	--	--	--
Kuwait	--	--	--	--	--	--	--	--	--	--
Libya	--	--	--	--	--	--	--	--	--	--
Nigeria	--	--	--	--	--	--	--	--	--	--
Saudi Arabia	--	--	--	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	--	--	--	--	--
Venezuela	--	--	--	--	--	--	--	--	--	--
Non-OPEC	21	4	524	199	--	3,800	90,238	2,788	123	2,911
Argentina	--	--	--	--	--	--	--	--	--	--
Aruba	--	--	--	--	--	--	--	--	--	--
Australia	--	--	--	--	--	--	--	--	--	--
Bahamas	--	--	--	--	--	--	--	--	--	--
Bahrain	--	--	--	--	--	--	--	--	--	--
Belgium	--	--	--	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--	--	--	--
Brunei	--	--	--	--	--	--	--	--	--	--
Cameroon	--	--	--	--	--	--	--	--	--	--
Canada	20	3	524	197	--	3,796	90,234	2,788	122	2,911
Chad	--	--	--	--	--	--	--	--	--	--
China	--	--	--	--	--	--	--	--	--	--
Colombia	--	--	--	--	--	--	--	--	--	--
Denmark	--	--	--	--	--	--	--	--	--	--
Ecuador	--	--	--	--	--	--	--	--	--	--
Egypt	--	--	--	--	--	--	--	--	--	--
Estonia	--	--	--	--	--	--	--	--	--	--
Finland	--	--	--	--	--	--	--	--	--	--
France	--	--	--	--	--	--	--	--	--	--
Germany	--	--	--	2	--	2	2	--	0	0
Guatemala	--	--	--	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--	--	--	--
Indonesia	--	--	--	--	--	--	--	--	--	--
Italy	--	--	--	--	--	--	--	--	--	--
Korea, South	--	--	--	--	--	--	--	--	--	--
Latvia	--	--	--	--	--	--	--	--	--	--
Lithuania	--	--	--	--	--	--	--	--	--	--
Malaysia	--	--	--	--	--	--	--	--	--	--
Mexico	--	--	--	--	--	--	--	--	--	--
Netherlands	--	--	--	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--	--	--	--
Oman	--	--	--	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	--	--	--	--
Qatar	--	--	--	--	--	--	--	--	--	--
Russia	--	--	--	--	--	--	--	--	--	--
Spain	--	--	--	--	--	--	--	--	--	--
Sweden	--	1	--	--	--	1	1	--	0	0
Syria	--	--	--	--	--	--	--	--	--	--
Trinidad and Tobago	--	--	--	--	--	--	--	--	--	--
United Kingdom	--	--	--	--	--	--	--	--	--	--
Vietnam	--	--	--	--	--	--	--	--	--	--
Virgin Islands, U.S.	--	--	--	--	--	--	--	--	--	--
Yemen	--	--	--	--	--	--	--	--	--	--
Other	1	0	0	0	--	1	1	0	1	0
Total	21	4	524	199	--	3,800	90,238	2,788	123	2,911
Persian Gulf⁴	--	--	--	--	--	--	--	--	--	--

-- = Not Applicable.

-- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	8,038	-	-	5,382	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	970	-	-	3,351	-	-	-	-	-	-
Kuwait	365	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	5,462	-	-	1,661	-	-	-	-	-	-
United Arab Emirates	-	-	-	370	-	-	-	-	-	-
Venezuela	1,241	-	-	-	-	-	-	-	-	-
Non-OPEC	44,144	-	-	7,562	-	-	-	-	1,028	1,028
Argentina	-	-	-	-	-	-	-	-	21	21
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	674	-	-	-	-	-	-
Brazil	-	-	-	543	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	617	-	-	-	-	-	-	-	-	-
Canada	17,712	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	4,227	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	1,035	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	747	747
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	275	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	187	187
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	20,190	-	-	2,846	-	-	-	-	-	-
Netherlands	-	-	-	310	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	317	-	-	-	-	-	-
Sweden	-	-	-	199	-	-	-	-	50	50
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	891	-	-	-	-	-	-	-	-	-
United Kingdom	507	-	-	408	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	-	-	955	-	-	-	-	23	23
Total	52,182	-	-	12,944	-	-	-	-	1,028	1,028
Persian Gulf⁴	6,797	-	-	5,382	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	163	-	-	300	-	-	-	-	300	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	71	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	300	-	-	-	-	300	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	92	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	-	-	-	-	0	-	-
Total	-	163	-	-	300	-	-	-	-	300	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	119	119	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	119	119	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	567	65	368	1,352	1,785	55	112
Argentina	-	-	-	-	-	-	-	-	19
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	134	134	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	50	65	-	27	92	-	-
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	14	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	412	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	6	6	-	-
Mexico	-	-	-	-	-	1,185	1,185	55	93
Netherlands	-	-	76	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	15	0	368	0	368	0	0
Total	-	-	567	65	368	1,471	1,904	55	112
Persian Gulf⁴	-	-	-	-	-	119	119	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	224	—	5,725	13,763	259	185	444
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	3,470	4,440	31	112	143
Kuwait	—	—	—	—	—	—	365	12	—	12
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	1,661	7,123	176	54	230
United Arab Emirates	—	—	—	224	—	594	594	—	19	19
Venezuela	—	—	—	—	—	—	1,241	40	—	40
Non-OPEC	8	476	—	699	—	12,755	56,899	1,424	411	1,835
Argentina	—	140	—	4	—	184	184	—	6	6
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	2	—	676	676	—	22	22
Brazil	—	—	—	—	—	677	677	—	22	22
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	617	20	—	20
Canada	—	—	—	—	—	142	17,854	571	5	576
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	196	—	—	—	196	4,423	136	6	143
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	1,035	1,035	—	33	33
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	3	—	3	3	—	0	0
Germany	—	—	—	1	—	86	86	—	3	3
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	747	747	—	24	24
Indonesia	—	—	—	—	—	57	57	—	2	2
Italy	—	—	—	6	—	281	281	—	9	9
Korea, South	—	—	—	213	—	812	812	—	26	26
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	8	—	—	—	—	14	14	—	0	0
Mexico	—	—	—	—	—	4,479	24,669	651	144	796
Netherlands	—	140	—	90	—	616	616	—	20	20
Norway	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	307	—	307	307	—	10	10
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	409	409	—	13	13
Sweden	—	—	—	—	—	249	249	—	8	8
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	891	29	—	29
United Kingdom	—	—	—	—	—	408	915	16	13	30
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	0	0	—	73	—	1,377	1,377	1	45	43
Total	8	476	—	923	—	18,480	70,662	1,683	596	2,279
Persian Gulf⁴	—	—	—	531	—	6,032	12,829	219	195	414

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	10,398	—	—	6,794	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	1,847	—	—	3,626	—	—	—	—	—	—
Kuwait	500	—	—	577	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	6,421	—	—	2,591	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	1,630	—	—	—	—	—	—	—	—	—
Non-OPEC	39,890	3	—	5,444	—	5	5	—	1,542	1,542
Argentina	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—	—
Brazil	615	—	—	685	—	—	—	—	78	78
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	15,976	3	—	—	—	—	—	—	—	—
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	4,138	—	—	—	—	—	—	—	32	32
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	209	—	—	—	—	—	—
Egypt	—	—	—	47	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	538	—	—	—	—	330	330
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	117	117
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	1,629	—	—	—	—	—	—
Mexico	17,849	—	—	2,208	—	—	—	—	230	230
Netherlands	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	306	306
Sweden	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—
United Kingdom	1,312	—	—	—	—	5	5	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	0	0	—	128	—	0	0	—	449	449
Total	50,288	3	—	12,238	—	5	5	—	1,542	1,542
Persian Gulf⁴	8,768	—	—	6,794	—	—	—	—	—	—

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	240	-	-	-	-	-	-	-	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	171	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	69	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	-	-	-	-	-	-	-
Total	-	240	-	-	-	-	-	-	-	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	43	43	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	43	43	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	146	-	202	2,066	2,268	121	98
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	435	435	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	146	-	-	-	-	67	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	63	63	-	-
Mexico	-	-	-	-	-	1,568	1,568	41	98
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	13	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	202	0	202	0	0
Total	-	-	146	-	202	2,109	2,311	121	98
Persian Gulf⁴	-	-	-	-	-	43	43	13	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	—	—	6,837	17,235	371	244	616
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	3,669	5,516	66	131	197
Kuwait	—	—	—	—	—	577	1,077	18	21	38
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	2,591	9,012	229	93	322
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	1,630	58	—	58
Non-OPEC	—	257	—	1,031	—	11,155	51,045	1,425	398	1,823
Argentina	—	93	—	—	—	93	93	—	3	3
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	139	—	139	139	—	5	5
Belgium	—	—	—	2	—	2	2	—	0	0
Brazil	—	—	—	—	—	1,198	1,813	22	43	65
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	—	3	15,979	571	0	571
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	32	4,170	148	1	149
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	209	209	—	7	7
Egypt	—	—	—	—	—	47	47	—	2	2
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	3	—	3	3	—	0	0
Germany	—	—	—	1	—	172	172	—	6	6
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	868	868	—	31	31
Indonesia	—	—	—	—	—	154	154	—	6	6
Italy	—	—	—	5	—	74	74	—	3	3
Korea, South	—	—	—	353	—	683	683	—	24	24
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	1,692	1,692	—	60	60
Mexico	—	—	—	—	—	4,145	21,994	637	148	786
Netherlands	—	—	—	66	—	66	66	—	2	2
Norway	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	308	—	321	321	—	11	11
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	306	306	—	11	11
Sweden	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	5	1,317	47	0	47
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	—	164	—	154	—	943	943	0	35	34
Total	—	257	—	1,031	—	17,992	68,280	1,796	643	2,439
Persian Gulf⁴	—	—	—	447	—	7,297	16,065	313	261	574

-- = Not Applicable.

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	10,157	—	—	5,632	—	—	—	130	164	294
Algeria	—	—	—	319	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	973	—	—	4,449	—	—	—	—	—	—
Kuwait	362	—	—	—	—	—	—	—	69	69
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	5,439	—	—	864	—	—	—	—	95	95
United Arab Emirates	—	—	—	—	—	—	—	130	—	130
Venezuela	3,383	—	—	—	—	—	—	—	—	—
Non-OPEC	41,252	6	—	9,211	—	—	—	162	1,086	1,248
Argentina	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	1,133	—	—	—	—	190	190
Brazil	964	—	—	1,055	—	—	—	—	14	14
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	16,449	6	—	—	—	—	—	—	—	—
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	4,331	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	352	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	37	37
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	132	—	—	—	162	511	673
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	105	105
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	1,488	—	—	—	—	—	—
Mexico	18,659	—	—	4,403	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	185	185
Portugal	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	525	—	—	—	—	—	—	—	—	—
United Kingdom	324	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	0	0	—	648	—	—	—	0	44	44
Total	51,409	6	—	14,843	—	—	—	292	1,250	1,542
Persian Gulf⁴	6,774	—	—	5,313	—	—	—	130	164	294

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	218	53	-	240	-	-	-	240	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	240	-	-	-	240	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	53	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	107	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	37	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	74	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	0	-	0	-	-	-	0	-	-
Total	-	218	53	-	240	-	-	-	240	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	490	-	-	1,328	1,328	233	121
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	170	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	24	-	-	-	-	-	8
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	136	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	202	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	1,328	1,328	54	113
Netherlands	-	-	94	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	-	0	0	43	0
Total	-	-	490	-	-	1,328	1,328	233	121
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	105	—	6,031	16,188	328	195	522
Algeria	—	—	—	—	—	319	319	—	10	10
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	4,449	5,422	31	144	175
Kuwait	—	—	—	—	—	69	431	12	2	14
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	959	6,398	175	31	206
United Arab Emirates	—	—	—	105	—	235	235	—	8	8
Venezuela	—	—	—	—	—	—	3,383	109	—	109
Non-OPEC	16	264	—	739	—	14,167	55,419	1,331	457	1,788
Argentina	—	216	—	—	—	216	216	—	7	7
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	63	—	63	63	—	2	2
Belgium	—	—	—	1	—	1,324	1,324	—	43	43
Brazil	—	40	—	—	—	1,109	2,073	31	36	67
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	—	176	16,625	531	6	536
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	240	4,571	140	8	147
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	352	352	—	11	11
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	53	53	—	2	2
France	—	—	—	3	—	35	35	—	1	1
Germany	—	—	—	5	—	149	149	—	5	5
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	941	941	—	30	30
Indonesia	—	—	—	—	—	75	75	—	2	2
Italy	—	—	—	9	—	9	9	—	0	0
Korea, South	—	—	—	446	—	753	753	—	24	24
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	1,488	1,488	—	48	48
Mexico	—	—	—	—	—	5,898	24,557	602	190	792
Netherlands	—	—	—	49	—	180	180	—	6	6
Norway	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	185	185	—	6	6
Portugal	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	87	—	87	87	—	3	3
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	74	74	—	2	2
Sweden	—	—	—	1	—	1	1	—	0	0
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	525	17	—	17
United Kingdom	—	8	—	—	—	8	332	10	0	11
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	16	0	—	75	—	751	751	0	25	26
Total	16	264	—	844	—	20,198	71,607	1,658	652	2,310
Persian Gulf⁴	—	—	—	255	—	5,862	12,636	219	189	408

-- = Not Applicable.

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	9,009	—	—	7,456	—	17	17	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	4,116	—	—	—	—	—	—
Kuwait	368	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	4,431	—	—	3,340	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	17	17	—	—	—
Venezuela	4,210	—	—	—	—	—	—	—	—	—
Non-OPEC	38,781	—	—	7,326	—	32	32	—	2,038	2,038
Argentina	—	—	—	—	—	12	12	—	21	21
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	72	72
Brazil	510	—	—	673	—	—	—	—	112	112
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	16,827	—	—	—	—	—	—	—	—	—
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	2,969	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	454	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	365	—	—	—	—	902	902
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	624	624
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	15,571	—	—	4,362	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	78	78
Portugal	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	20	20	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	1,096	—	—	—	—	—	—	—	—	—
United Kingdom	1,308	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	500	—	—	1,472	—	0	0	—	229	229
Total	47,790	—	—	14,782	—	49	49	—	2,038	2,038
Persian Gulf⁴	4,799	—	—	7,456	—	17	17	—	—	—

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	360	-	-	293	-	-	-	293	-	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	52	-	-	-	52	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	241	-	-	-	241	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	214	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	71	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	75	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	-	-	-	0	-	-	-
Total	-	360	-	-	293	-	-	-	293	-	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	3	-	3	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	3	-	3	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	640	-	492	1,188	1,680	283	109
Argentina	-	-	-	-	179	-	179	-	26
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	16
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	76	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	25	-	-	-	-	-	16
Germany	-	-	14	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	519	-	-	-	-	83	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	938	938	49	51
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	13	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	30	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	6	-	313	250	563	108	0
Total	-	-	640	-	495	1,188	1,683	283	109
Persian Gulf⁴	-	-	-	-	-	-	-	13	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	225	—	7,701	16,710	300	257	557
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	3	3	—	0	0
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	4,116	4,116	—	137	137
Kuwait	—	—	—	—	—	—	368	12	—	12
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	3,340	7,771	148	111	259
United Arab Emirates	—	—	—	225	—	242	242	—	8	8
Venezuela	—	—	—	—	—	—	4,210	140	—	140
Non-OPEC	4	129	—	1,094	—	13,988	52,769	1,293	466	1,759
Argentina	—	—	—	—	—	238	238	—	8	8
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	65	—	65	65	—	2	2
Belgium	—	—	—	1	—	73	73	—	2	2
Brazil	—	—	—	—	—	853	1,363	17	28	45
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	—	76	16,903	561	3	563
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	112	—	—	—	353	3,322	99	12	111
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	454	454	—	15	15
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	1	—	42	42	—	1	1
Germany	—	—	—	5	—	233	233	—	8	8
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	1,267	1,267	—	42	42
Indonesia	—	—	—	—	—	60	60	—	2	2
Italy	—	—	—	7	—	78	78	—	3	3
Korea, South	—	—	—	298	—	1,524	1,524	—	51	51
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	4	—	—	—	—	4	4	—	0	0
Mexico	—	—	—	—	—	5,400	20,971	519	180	699
Netherlands	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	78	78	—	3	3
Portugal	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	657	—	670	670	—	22	22
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	75	75	—	3	3
Sweden	—	—	—	—	—	20	20	—	1	1
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	1,096	37	—	37
United Kingdom	—	17	—	—	—	47	1,355	44	2	45
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	0	0	—	60	—	2,378	2,878	16	78	96
Total	4	129	—	1,319	—	21,689	69,479	1,593	723	2,316
Persian Gulf⁴	—	—	—	947	—	8,433	13,232	160	281	441

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, May 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	10,286	—	—	3,551	—	17	17	—	167	167
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	2,781	—	—	—	—	—	—
Kuwait	746	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	3,813	—	—	770	—	—	—	—	167	167
United Arab Emirates	—	—	—	—	—	17	17	—	—	—
Venezuela	5,727	—	—	—	—	—	—	—	—	—
Non-OPEC	41,176	—	—	7,087	—	283	283	—	1,116	1,116
Argentina	—	—	—	—	—	13	13	—	49	49
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	1,111	—	250	250	—	68	68
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	16,878	—	—	442	—	—	—	—	—	—
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	3,851	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	343	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	24	24
Guatemala	281	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	185	185
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	270	270
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	18,876	—	—	4,369	—	—	—	—	—	—
Netherlands	383	—	—	187	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	20	20	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	500	—	—	—	—	—	—	—	—	—
United Kingdom	407	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	0	—	—	635	—	0	0	—	520	520
Total	51,462	—	—	10,638	—	300	300	—	1,283	1,283
Persian Gulf⁴	4,559	—	—	3,551	—	17	17	—	167	167

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, May 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	302	-	-	-	-	-	-	-	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	178	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	116	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	8	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	-	-	-	-	-	-	-
Total	-	302	-	-	-	-	-	-	-	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, May 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	422	-	-	937	937	497	123
Argentina	-	-	-	-	-	-	-	-	18
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	21	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	67	-	-	-	-	-	24
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	41
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	318	-	-	-	-	261	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	937	937	35	40
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	16	-	-	0	0	201	0
Total	-	-	422	-	-	937	937	497	123
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, May 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	101	—	3,836	14,122	332	124	456
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	2,781	2,781	—	90	90
Kuwait	—	—	—	—	—	—	746	24	—	24
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	937	4,750	123	30	153
United Arab Emirates	—	—	—	101	—	118	118	—	4	4
Venezuela	—	—	—	—	—	—	5,727	185	—	185
Non-OPEC	17	—	—	982	—	11,766	52,942	1,328	380	1,708
Argentina	—	—	—	—	—	80	80	—	3	3
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	97	—	97	97	—	3	3
Belgium	—	—	—	1	—	1	1	—	0	0
Brazil	—	—	—	—	—	1,450	1,450	—	47	47
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	—	533	17,411	544	17	562
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	3,851	124	—	124
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	343	343	—	11	11
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	4	—	45	45	—	1	1
Germany	—	—	—	4	—	206	206	—	7	7
Guatemala	—	—	—	—	—	—	281	9	—	9
India	—	—	—	—	—	185	185	—	6	6
Indonesia	—	—	—	—	—	56	56	—	2	2
Italy	—	—	—	4	—	120	120	—	4	4
Korea, South	—	—	—	357	—	1,206	1,206	—	39	39
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	4	—	—	—	—	4	4	—	0	0
Mexico	—	—	—	—	—	5,381	24,257	609	174	782
Netherlands	—	—	—	65	—	252	635	12	8	20
Norway	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	393	—	393	393	—	13	13
Russia	—	—	—	—	—	—	—	—	—	—
Spain	1	—	—	—	—	9	9	—	0	0
Sweden	—	—	—	—	—	20	20	—	1	1
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	500	16	—	16
United Kingdom	12	—	—	—	—	12	419	13	0	14
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	0	—	—	57	—	1,373	1,373	1	44	44
Total	17	—	—	1,083	—	15,602	67,064	1,660	503	2,163
Persian Gulf⁴	—	—	—	591	—	4,326	8,885	147	140	287

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	8,500	-	-	4,244	-	-	-	-	-	-
Algeria	-	-	-	127	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	2,716	-	-	-	-	-	-
Kuwait	599	-	-	230	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	4,127	-	-	1,131	-	-	-	-	-	-
United Arab Emirates	-	-	-	40	-	-	-	-	-	-
Venezuela	3,774	-	-	-	-	-	-	-	-	-
Non-OPEC	44,073	-	-	10,132	-	-	-	-	1,035	1,035
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	50	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	506	-	-	2,098	-	-	-	-	65	65
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	17,010	-	-	717	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	4,309	-	-	37	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	550	-	-	-	-	334	334
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	178	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	465	465
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	538	-	-	-	-	-	-
Mexico	21,723	-	-	4,652	-	-	-	-	-	-
Netherlands	-	-	-	147	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	525	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	-	-	1,165	-	-	-	-	171	171
Total	52,573	-	-	14,376	-	-	-	-	1,035	1,035
Persian Gulf⁴	4,726	-	-	4,117	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	142	-	0	-	-	-	-	-	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	142	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	0	-	-	-	-	-	-	-
Total	-	142	-	0	-	-	-	-	-	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	170	170	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	170	170	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	575	-	263	1,350	1,613	240	124
Argentina	-	-	-	-	-	-	-	-	24
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	11	11	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	83	-	-	119	119	-	-
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	34
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	492	-	-	-	-	108	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	267	267	-	-
Mexico	-	-	-	-	-	625	625	35	66
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	14	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	263	328	591	83	0
Total	-	-	575	-	263	1,520	1,783	240	124
Persian Gulf⁴	-	-	-	-	-	170	170	14	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	134	—	193	—	4,741	13,241	283	158	441
Algeria	—	—	—	—	—	127	127	—	4	4
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	2,716	2,716	—	91	91
Kuwait	—	—	—	—	—	400	999	20	13	33
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	1,131	5,258	138	38	175
United Arab Emirates	—	134	—	193	—	367	367	—	12	12
Venezuela	—	—	—	—	—	—	3,774	126	—	126
Non-OPEC	8	467	—	832	—	15,168	59,241	1,469	506	1,975
Argentina	—	94	—	1	—	119	119	—	4	4
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	50	50	—	2	2
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	1	—	1	1	—	0	0
Brazil	—	88	—	—	—	2,262	2,768	17	75	92
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	—	919	17,929	567	31	598
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	37	4,346	144	1	145
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	6	—	40	40	—	1	1
Germany	—	—	—	4	—	146	146	—	5	5
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	884	884	—	29	29
Indonesia	—	—	—	—	—	75	75	—	3	3
Italy	—	—	—	5	—	183	183	—	6	6
Korea, South	—	—	—	366	—	1,431	1,431	—	48	48
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	8	—	—	—	—	813	813	—	27	27
Mexico	—	—	—	—	—	5,378	27,101	724	179	903
Netherlands	—	—	—	35	—	182	182	—	6	6
Norway	—	—	—	—	—	—	—	—	—	—
Oman	—	132	—	—	—	132	132	—	4	4
Portugal	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	326	—	340	340	—	11	11
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	13	—	13	13	—	0	0
Sweden	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	525	18	—	18
United Kingdom	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	0	153	—	75	—	2,163	2,163	-1	74	73
Total	8	601	—	1,025	—	19,909	72,482	1,752	664	2,416
Persian Gulf⁴	—	134	—	519	—	4,954	9,680	158	165	323

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	10,386	-	-	5,164	-	-	-	-	331	331
Algeria	-	-	-	451	-	-	-	-	331	331
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	2,432	-	-	-	-	-	-
Kuwait	819	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	5,140	-	-	2,281	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	4,427	-	-	-	-	-	-	-	-	-
Non-OPEC	46,269	-	-	8,085	-	-	-	-	753	753
Argentina	-	-	-	-	-	-	-	-	58	58
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	2,215	-	-	678	-	-	-	-	43	43
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	16,025	-	-	340	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	169	169
Colombia	5,502	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	1,034	-	-	-	-	-	-
Mexico	21,144	-	-	4,158	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	645	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	629	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	508	-	-	-	-	-	-	-	-	-
United Kingdom	875	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	-	-	601	-	-	-	-	483	483
Total	56,655	-	-	13,249	-	-	-	-	1,084	1,084
Persian Gulf⁴	5,959	-	-	4,713	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	167	-	52	26	-	-	-	26	-	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	26	-	-	-	26	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	52	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	95	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	72	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	0	0	-	-	-	0	-	-	-
Total	-	167	-	52	26	-	-	-	26	-	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	—	—	—	—	374	374	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	374	374	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	25	746	—	—	1,006	1,006	259	61
Argentina	—	25	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	42	—	—	—	—	—	4
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	—	144	—	—	—	—	—	—
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	20
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	522	—	—	—	—	52	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	82	82	—	—
Mexico	—	—	—	—	—	924	924	66	37
Netherlands	—	—	38	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	15	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	0	0	—	—	0	0	126	0
Total	—	25	746	—	—	1,380	1,380	259	61
Persian Gulf⁴	—	—	—	—	—	374	374	15	—

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	35	—	5,904	16,290	335	190	525
Algeria	—	—	—	—	—	782	782	—	25	25
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	2,432	2,432	—	78	78
Kuwait	—	—	—	—	—	374	1,193	26	12	38
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	35	—	2,316	7,456	166	75	241
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	4,427	143	—	143
Non-OPEC	24	—	—	913	—	12,117	58,386	1,493	391	1,883
Argentina	—	—	—	—	—	83	83	—	3	3
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	120	—	120	120	—	4	4
Belgium	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	793	3,008	71	26	97
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	—	484	16,509	517	16	533
Chad	—	—	—	—	—	—	—	—	—	—
China	24	—	—	—	—	193	193	—	6	6
Colombia	—	—	—	—	—	—	5,502	177	—	177
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	52	52	—	2	2
France	—	—	—	—	—	20	20	—	1	1
Germany	—	—	—	1	—	96	96	—	3	3
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	112	112	—	4	4
Italy	—	—	—	5	—	5	5	—	0	0
Korea, South	—	—	—	308	—	882	882	—	28	28
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	1,116	1,116	—	36	36
Mexico	—	—	—	—	—	5,185	26,329	682	167	849
Netherlands	—	—	—	69	—	107	107	—	3	3
Norway	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	645	645	—	21	21
Portugal	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	297	—	312	312	—	10	10
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	0	—	701	701	—	23	23
Sweden	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	508	16	—	16
United Kingdom	—	—	—	—	—	—	875	28	—	28
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	0	—	—	113	—	1,211	1,211	2	38	39
Total	24	—	—	948	—	18,021	74,676	1,828	581	2,409
Persian Gulf⁴	—	—	—	452	—	5,554	11,513	192	179	371

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, August 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	12,613	-	-	3,494	-	-	-	-	348	348
Algeria	-	-	-	595	-	-	-	-	321	321
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	447	-	-	-	-	-	-	-	-	-
Iraq	1,036	-	-	2,026	-	-	-	-	-	-
Kuwait	1,853	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	5,599	-	-	609	-	-	-	-	-	-
United Arab Emirates	-	-	-	264	-	-	-	-	27	27
Venezuela	3,678	-	-	-	-	-	-	-	-	-
Non-OPEC	44,872	-	-	7,338	-	260	260	-	2,207	2,207
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	583	-	219	219	-	95	95
Brazil	682	-	-	1,118	-	41	41	-	42	42
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	16,822	-	-	340	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	6,259	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	364	-	-	-	-	330	330
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	291	291
Korea, South	-	-	-	-	-	-	-	-	421	421
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	311	311
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	20,185	-	-	3,401	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	283	283
Portugal	-	-	-	-	-	-	-	-	278	278
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	524	-	-	-	-	-	-	-	-	-
United Kingdom	400	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	-	-	1,532	-	0	0	-	156	156
Total	57,485	-	-	10,832	-	260	260	-	2,555	2,555
Persian Gulf⁴	8,935	-	-	2,899	-	-	-	-	27	27

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, August 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	446	-	-	27	-	-	-	-	27	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	27	-	-	-	-	27	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	311	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	64	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	71	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	-	-	-	-	0	-	-
Total	-	446	-	-	27	-	-	-	-	27	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, August 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	62	62	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	62	62	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	269	-	425	697	1,122	179	86
Argentina	-	-	-	-	-	-	-	-	23
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	125	334	459	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	62	-	-	-	-	-	23
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	27
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	49	49	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	207	-	-	-	-	116	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	231	231	20	13
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	300	83	383	43	0
Total	-	-	269	-	425	759	1,184	179	86
Persian Gulf⁴	-	-	-	-	-	62	62	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, August 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	179	—	4,083	16,696	407	132	539
Algeria	—	—	—	—	—	916	916	—	30	30
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	447	14	—	14
Iraq	—	—	—	—	—	2,026	3,062	33	65	99
Kuwait	—	—	—	—	—	62	1,915	60	2	62
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	609	6,208	181	20	200
United Arab Emirates	—	—	—	179	—	470	470	—	15	15
Venezuela	—	—	—	—	—	—	3,678	119	—	119
Non-OPEC	12	194	—	584	—	12,724	57,596	1,447	410	1,858
Argentina	—	107	—	—	—	130	130	—	4	4
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	69	—	69	69	—	2	2
Belgium	—	—	—	—	—	897	897	—	29	29
Brazil	—	87	—	—	—	1,774	2,456	22	57	79
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	—	425	17,247	543	14	556
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	6,259	202	—	202
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	27	27	—	1	1
Germany	—	—	—	3	—	314	314	—	10	10
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	743	743	—	24	24
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	7	—	298	298	—	10	10
Korea, South	—	—	—	191	—	999	999	—	32	32
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	311	311	—	10	10
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	3,665	23,850	651	118	769
Netherlands	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	283	283	—	9	9
Portugal	—	—	—	—	—	278	278	—	9	9
Qatar	—	—	—	312	—	312	312	—	10	10
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	71	71	—	2	2
Sweden	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	524	17	—	17
United Kingdom	12	—	—	—	—	12	412	13	0	13
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	0	0	—	2	—	2,116	2,116	-1	69	70
Total	12	194	—	763	—	16,807	74,292	1,854	542	2,397
Persian Gulf⁴	—	—	—	560	—	3,548	12,483	288	114	403

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	11,442	-	-	3,824	-	-	-	-	210	210
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	99	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	530	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	1,265	-	-	-	-	-	-
Kuwait	759	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	186	186
Saudi Arabia	5,767	-	-	2,460	-	-	-	-	24	24
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	4,386	-	-	-	-	-	-	-	-	-
Non-OPEC	44,535	-	-	6,624	-	197	197	-	960	960
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	312	-	-	-	-	-	-
Brazil	1,946	-	-	592	-	41	41	-	45	45
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	16,970	-	-	330	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	156	156	-	-	-
Colombia	4,596	-	-	-	-	-	-	-	18	18
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	93	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	279	-	-	-	-	-	-	-	-	-
India	-	-	-	268	-	-	-	-	185	185
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	172	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	159	159
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	18,543	-	-	3,802	-	-	-	-	215	215
Netherlands	-	-	-	71	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	217	217
Portugal	-	-	-	217	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	441	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	900	-	-	-	-	-	-	-	-	-
United Kingdom	1,301	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	-	-	227	-	0	0	-	121	121
Total	55,977	-	-	10,448	-	197	197	-	1,170	1,170
Persian Gulf⁴	7,056	-	-	3,725	-	-	-	-	24	24

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	398	-	-	-	-	-	-	-	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	51	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	258	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	36	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	53	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	-	-	-	-	-	-	-
Total	-	398	-	-	-	-	-	-	-	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	380	-	-	380	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	380	-	-	380	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	510	-	791	682	1,473	35	66
Argentina	-	-	-	-	-	-	-	-	16
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	35	-	-	-	-	-	-
Brazil	-	-	-	-	265	374	639	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	136	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	29
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	324	-	-	-	-	22	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	230	230	13	21
Netherlands	-	-	15	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	0	-380	526	78	224	0	0
Total	-	-	510	380	791	682	1,853	35	66
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	—	—	4,414	15,856	381	147	529
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	479	479	—	16	16
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	530	18	—	18
Iraq	—	—	—	—	—	1,265	1,265	—	42	42
Kuwait	—	—	—	—	—	—	759	25	—	25
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	186	186	—	6	6
Saudi Arabia	—	—	—	—	—	2,484	8,251	192	83	275
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	4,386	146	—	146
Non-OPEC	4	199	—	788	—	11,254	55,789	1,485	375	1,860
Argentina	—	—	—	—	—	16	16	—	1	1
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	69	—	69	69	—	2	2
Belgium	—	—	—	2	—	349	349	—	12	12
Brazil	—	199	—	—	—	1,567	3,513	65	52	117
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	—	466	17,436	566	16	581
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	156	156	—	5	5
Colombia	—	—	—	—	—	18	4,614	153	1	154
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	122	122	—	4	4
Germany	—	—	—	3	—	261	261	—	9	9
Guatemala	—	—	—	—	—	—	279	9	—	9
India	—	—	—	—	—	453	453	—	15	15
Indonesia	—	—	—	—	—	133	133	—	4	4
Italy	—	—	—	4	—	212	212	—	7	7
Korea, South	—	—	—	251	—	756	756	—	25	25
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	4	—	—	—	—	4	4	—	0	0
Mexico	—	—	—	—	—	4,281	22,824	618	143	761
Netherlands	—	—	—	0	—	86	86	—	3	3
Norway	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	217	217	—	7	7
Portugal	—	—	—	—	—	217	217	—	7	7
Qatar	—	—	—	325	—	325	325	—	11	11
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	494	494	—	16	16
Sweden	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	900	30	—	30
United Kingdom	—	—	—	—	—	—	1,301	43	—	43
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	0	0	—	134	—	573	573	1	19	21
Total	4	199	—	788	—	15,668	71,645	1,866	522	2,388
Persian Gulf⁴	—	—	—	394	—	4,143	11,199	235	138	373

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	9,029	—	—	4,130	—	—	—	—	73	73
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	752	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	1,843	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	3,137	—	—	2,067	—	—	—	—	73	73
United Arab Emirates	—	—	—	220	—	—	—	—	—	—
Venezuela	5,140	—	—	—	—	—	—	—	—	—
Non-OPEC	39,483	—	—	7,608	—	283	283	—	755	755
Argentina	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	21	21	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	683	—	—	—	—	—	—
Brazil	296	—	—	664	—	79	79	—	49	49
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	16,523	—	—	336	—	—	—	—	—	—
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	3,588	—	—	—	—	—	—	—	18	18
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	596	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	824	—	—	—	—	22	22
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	171	—	14	14	—	—	—
Korea, South	—	—	—	—	—	—	—	—	195	195
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	18,676	—	—	2,846	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	104	104
Norway	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	606	—	—	—	—	—	—
Portugal	—	—	—	111	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	412	—	4	4	—	330	330
Sweden	—	—	—	—	—	85	85	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—
United Kingdom	400	—	—	—	—	80	80	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	0	—	—	359	—	0	0	—	37	37
Total	48,512	—	—	11,738	—	283	283	—	828	828
Persian Gulf⁴	3,889	—	—	4,130	—	—	—	—	73	73

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	209	-	-	28	-	-	-	-	28	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	28	-	-	-	-	28	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	71	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	62	-	-	-	-	-	-	-	-	-	-
Korea, South	-	22	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	54	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	-	-	-	-	0	-	-
Total	-	209	-	-	28	-	-	-	-	28	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	57	-	-	1	1	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	1	1	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	57	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	747	-	414	1,247	1,661	-	39
Argentina	-	-	-	-	-	-	-	-	27
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	133	133	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	12
Germany	-	-	7	-	193	130	323	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	62	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	398	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	253	-	-	783	783	-	-
Netherlands	-	-	27	-	136	27	163	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	121	121	-	-
Sweden	-	-	-	-	-	41	41	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	64	12	76	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	21	0	21	-	0
Total	-	-	804	-	414	1,248	1,662	-	39
Persian Gulf⁴	-	-	57	-	-	1	1	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	248	—	4,509	13,538	291	145	437
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	752	24	—	24
Iraq	—	—	—	—	—	1,843	1,843	—	59	59
Kuwait	—	—	—	—	—	1	1	—	0	0
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	2,197	5,334	101	71	172
United Arab Emirates	—	—	—	248	—	468	468	—	15	15
Venezuela	—	—	—	—	—	—	5,140	166	—	166
Non-OPEC	1	134	—	686	—	12,151	51,634	1,274	392	1,666
Argentina	—	—	—	—	—	27	27	—	1	1
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	21	21	—	1	1
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	1	—	684	684	—	22	22
Brazil	—	134	—	—	—	1,087	1,383	10	35	45
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	—	336	16,859	533	11	544
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	18	3,606	116	1	116
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	596	596	—	19	19
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	12	12	—	0	0
Germany	—	—	—	3	—	404	404	—	13	13
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	908	908	—	29	29
Indonesia	—	—	—	—	—	52	52	—	2	2
Italy	—	—	—	6	—	253	253	—	8	8
Korea, South	—	—	—	286	—	901	901	—	29	29
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	1	—	—	—	—	1	1	—	0	0
Mexico	—	—	—	—	—	3,882	22,558	602	125	728
Netherlands	—	—	—	—	—	294	294	—	9	9
Norway	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	606	606	—	20	20
Portugal	—	—	—	—	—	111	111	—	4	4
Qatar	—	—	—	323	—	323	323	—	10	10
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	921	921	—	30	30
Sweden	—	—	—	—	—	126	126	—	4	4
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	156	556	13	5	18
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	0	0	—	67	—	432	432	0	14	14
Total	1	134	—	934	—	16,660	65,172	1,565	537	2,102
Persian Gulf⁴	—	—	—	571	—	4,832	8,721	125	156	281

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	7,547	-	-	3,035	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	1,010	-	-	-	-	-	-
Kuwait	125	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	3,496	-	-	2,025	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	3,926	-	-	-	-	-	-	-	-	-
Non-OPEC	39,583	-	-	7,554	-	-	-	182	704	886
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	409	-	-	-	-	72	72
Brazil	1,634	-	-	650	-	-	-	161	91	252
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	14,721	-	-	360	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	5,238	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	380	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	279	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	63	63
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	249	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	394	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	307	307
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	16,794	-	-	3,150	-	-	-	21	-	21
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	1,683	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	523	-	-	-	-	-	-	-	-	-
United Kingdom	673	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	-	-	0	-	-	-	0	171	171
Total	47,130	-	-	10,589	-	-	-	182	704	886
Persian Gulf⁴	3,621	-	-	3,035	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	318	-	-	-	-	-	-	-	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	70	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	179	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	43	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	26	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	-	-	-	-	-	-	-
Total	-	318	-	-	-	-	-	-	-	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	209	209	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	209	209	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	494	-	362	1,065	1,427	204	51
Argentina	-	-	-	-	-	-	-	-	31
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	281	281	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	12	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	354	-	354	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	229	-	-	-	-	91	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	230	-	8	784	792	22	20
Netherlands	-	-	23	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	0	0	0	91	0
Total	-	-	494	-	362	1,274	1,636	204	51
Persian Gulf⁴	-	-	-	-	-	209	209	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	207	—	3,451	10,998	252	115	367
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	1,219	1,219	—	41	41
Kuwait	—	—	—	—	—	—	125	4	—	4
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	2,025	5,521	117	68	184
United Arab Emirates	—	—	—	207	—	207	207	—	7	7
Venezuela	—	—	—	—	—	—	3,926	131	—	131
Non-OPEC	—	252	—	561	—	11,747	51,330	1,319	392	1,711
Argentina	—	122	—	1	—	154	154	—	5	5
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	61	—	61	61	—	2	2
Belgium	—	—	—	1	—	482	482	—	16	16
Brazil	—	130	—	—	—	1,383	3,017	54	46	101
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	—	360	15,081	491	12	503
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	5,238	175	—	175
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	380	380	—	13	13
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	279	279	—	9	9
Germany	—	—	—	4	—	258	258	—	9	9
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	603	603	—	20	20
Indonesia	—	—	—	—	—	90	90	—	3	3
Italy	—	—	—	2	—	439	439	—	15	15
Korea, South	—	—	—	142	—	769	769	—	26	26
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	4,235	21,029	560	141	701
Netherlands	—	—	—	37	—	60	60	—	2	2
Norway	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	1,683	1,683	—	56	56
Portugal	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	223	—	223	223	—	7	7
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	26	26	—	1	1
Sweden	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	523	17	—	17
United Kingdom	—	—	—	—	—	—	673	22	—	22
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	—	0	—	90	—	262	262	0	9	8
Total	—	252	—	768	—	15,198	62,328	1,571	507	2,078
Persian Gulf⁴	—	—	—	491	—	3,735	7,356	121	125	245

-- = Not Applicable.

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	9,716	-	-	5,943	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	1,953	-	-	-	-	-	-
Kuwait	-	-	-	1,656	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	4,718	-	-	2,334	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	4,998	-	-	-	-	-	-	-	-	-
Non-OPEC	43,568	-	-	7,214	-	-	-	-	189	189
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	2,166	-	-	2,094	-	-	-	-	54	54
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	13,817	-	-	524	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	4,079	-	-	-	-	-	-	-	18	18
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	331	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	83	83
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	20,340	-	-	4,265	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	1,451	-	-	-	-	-	-	-	-	-
United Kingdom	710	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	1,005	-	-	0	-	-	-	-	34	34
Total	53,284	-	-	13,157	-	-	-	-	189	189
Persian Gulf⁴	4,718	-	-	5,943	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	226	-	48	27	-	17	-	44	-	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	27	-	-	-	27	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	48	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	116	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	17	-	17	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	51	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	59	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	0	0	-	0	-	0	-	-	-
Total	-	226	-	48	27	-	17	-	44	-	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	217	217	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	217	217	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	433	-	13	739	752	156	24
Argentina	-	-	-	-	-	-	-	-	12
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	143	143	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	83	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	12
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	350	-	-	-	-	87	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	6	6	-	-
Mexico	-	-	-	-	13	590	603	-	-
Netherlands	-	-	-	-	-	-	-	35	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	0	0	0	34	0
Total	-	-	433	-	13	956	969	156	24
Persian Gulf⁴	-	-	-	-	-	217	217	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	—	—	6,160	15,876	313	199	512
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	1,953	1,953	—	63	63
Kuwait	—	—	—	—	—	1,873	1,873	—	60	60
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	2,334	7,052	152	75	227
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	4,998	161	—	161
Non-OPEC	4	128	—	1,171	—	10,389	53,957	1,405	335	1,741
Argentina	—	—	—	—	—	12	12	—	0	0
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	62	—	62	62	—	2	2
Belgium	—	—	—	1	—	1	1	—	0	0
Brazil	—	—	—	—	—	2,318	4,484	70	75	145
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	—	607	14,424	446	20	465
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	48	48	—	2	2
Colombia	—	111	—	—	—	129	4,208	132	4	136
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	12	12	—	0	0
Germany	—	—	—	5	—	121	121	—	4	4
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	331	331	—	11	11
Indonesia	—	—	—	—	—	238	238	—	8	8
Italy	—	—	—	4	—	4	4	—	0	0
Korea, South	—	—	—	487	—	1,007	1,007	—	32	32
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	4	—	—	—	—	61	61	—	2	2
Mexico	—	—	—	—	—	4,868	25,208	656	157	813
Netherlands	—	—	—	44	—	79	79	—	3	3
Norway	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	347	—	347	347	—	11	11
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	59	59	—	2	2
Sweden	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	1,451	47	—	47
United Kingdom	—	—	—	—	—	—	710	23	—	23
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	0	17	—	221	—	85	1,090	31	2	35
Total	4	128	—	1,171	—	16,549	69,833	1,719	534	2,253
Persian Gulf⁴	—	—	—	409	—	6,569	11,287	152	212	364

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
PAD District 4										
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	9,022	1,101	1	-	-	-	-	-	151	151
Canada	9,022	1,101	1	-	-	-	-	-	151	151
Ecuador	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	-	-	-	-	-	0	0
Total	9,022	1,101	1	-	-	-	-	-	151	151
PAD District 5										
OPEC	13,545	-	-	864	-	-	-	-	-	-
Algeria	-	-	-	610	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	6,853	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	1,036	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	5,656	-	-	254	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	21,486	1,838	-	765	-	131	131	-	457	457
Argentina	1,480	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Brazil	3,129	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	8,579	1,758	-	-	-	24	24	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	989	-	-	-	-	-	-	-	-	-
Ecuador	4,322	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	21	21
Indonesia	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	107	107	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	38	38
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	51	51
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	2,987	80	-	765	-	0	0	-	347	347
Total	35,031	1,838	-	1,629	-	131	131	-	457	457
Persian Gulf⁴	12,509	-	-	254	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
PAD District 4											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	12	-	-	-	-	-	-	-	-	-
Canada	-	12	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	-	-	-	-	-	-	-
Total	-	12	-	-	-	-	-	-	-	-	-
PAD District 5											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	104	633	-	174	-	-	-	174	-	1
Argentina	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Canada	-	74	-	-	134	-	-	-	134	-	1
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	30	-	-	40	-	-	-	40	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	633	-	0	-	-	-	0	-	0
Total	-	104	633	-	174	-	-	-	174	-	1
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
PAD District 4									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	10	1	-	-	-	-	-	-
Canada	-	10	1	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Other	-	0	0	-	-	-	-	-	-
Total	-	10	1	-	-	-	-	-	-
PAD District 5									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	2,513	37	240	76	-	316	38	-
Argentina	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	23	37	-	76	-	76	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-
Korea, South	-	2,160	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	38	-
United Kingdom	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Other	-	330	0	240	0	-	240	0	-
Total	-	2,513	37	240	76	-	316	38	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
PAD District 4										
OPEC	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	59	—	—	1,335	10,357	291	43	334
Canada	—	—	59	—	—	1,335	10,357	291	43	334
Ecuador	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	—	—	0	0	0	0	0
Total	—	—	59	—	—	1,335	10,357	291	43	334
PAD District 5										
OPEC	—	—	—	—	—	864	14,409	437	28	465
Algeria	—	—	—	—	—	610	610	—	20	20
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	6,853	221	—	221
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	1,036	33	—	33
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	254	5,910	182	8	191
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	13	—	214	5	—	7,239	28,725	693	234	927
Argentina	—	—	—	—	—	—	1,480	48	—	48
Australia	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	3,129	101	—	101
Brunei	—	—	—	—	—	—	—	—	—	—
Canada	—	—	106	5	—	2,238	10,817	277	72	349
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	989	32	—	32
Ecuador	—	—	—	—	—	—	4,322	139	—	139
Finland	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	21	21	—	1	1
Indonesia	—	—	—	—	—	—	—	—	—	—
Japan	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	2,337	2,337	—	75	75
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	38	38	—	1	1
Oman	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	633	633	—	20	20
Sweden	—	—	—	—	—	—	—	—	—	—
Taiwan	13	—	—	—	—	51	51	—	2	2
United Kingdom	—	—	—	—	—	51	51	—	2	2
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Other	0	—	108	0	—	1,870	4,857	96	61	157
Total	13	—	214	5	—	8,103	43,134	1,130	261	1,391
Persian Gulf⁴	—	—	—	—	—	254	12,763	404	8	412

-- = Not Applicable.

- = No Data Reported.

1 Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

2 Includes crude oil imported for storage in the Strategic Petroleum Reserve.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

4 Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
PAD District 4										
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	8,762	893	-	-	-	-	-	-	100	100
Canada	8,762	893	-	-	-	-	-	-	100	100
Ecuador	-	-	-	-	-	-	-	-	-	-
Other	0	0	-	-	-	-	-	-	0	0
Total	8,762	893	-	-	-	-	-	-	100	100
PAD District 5										
OPEC	9,939	55	-	378	-	-	-	-	-	-
Algeria	-	-	-	378	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	55	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	6,505	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	1,043	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	2,391	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	23,197	1,527	-	1,756	-	330	330	142	661	803
Argentina	483	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Brazil	2,706	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	8,511	1,496	-	281	-	12	12	-	16	16
China	-	-	-	-	-	-	-	-	-	-
Colombia	1,483	-	-	-	-	-	-	-	-	-
Ecuador	3,871	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	134	-	-	-	-	-	-
Japan	-	-	-	46	-	-	-	-	-	-
Korea, South	-	-	-	-	-	318	318	-	469	469
Malaysia	-	-	-	131	-	-	-	-	-	-
Mexico	1,208	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	142	176	318
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	87	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	4,935	31	-	1,077	-	0	0	0	0	0
Total	33,136	1,582	-	2,134	-	330	330	142	661	803
Persian Gulf⁴	8,896	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
PAD District 4											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	8	-	-	36	-	-	-	36	-	-
Canada	-	8	-	-	36	-	-	-	36	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	-	-	-	0	-	-
Total	-	8	-	-	36	-	-	-	36	-	-
PAD District 5											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	102	546	-	726	-	-	-	726	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Canada	-	82	-	-	361	-	-	-	361	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	20	-	-	365	-	-	-	365	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	47	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	499	-	0	-	-	-	0	-	-
Total	-	102	546	-	726	-	-	-	726	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
PAD District 4									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	44	-	0	-	11	11	-	-
Canada	-	44	-	0	-	11	11	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Other	-	0	-	0	-	0	0	-	-
Total	-	44	-	0	-	11	11	-	-
PAD District 5									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	2,907	37	-	1,206	37	1,243	28	-
Argentina	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	-	37	-	41	37	78	-	-
China	-	605	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	415	-	-	-	-	-	-	-
Korea, South	-	1,477	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Taiwan	-	230	-	-	-	-	-	28	-
United Kingdom	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Other	-	180	0	-	1,165	0	1,165	0	-
Total	-	2,907	37	-	1,206	37	1,243	28	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
PAD District 4										
OPEC	--	--	--	--	--	--	--	--	--	--
Algeria	--	--	--	--	--	--	--	--	--	--
Angola	--	--	--	--	--	--	--	--	--	--
Congo (Brazzaville)	--	--	--	--	--	--	--	--	--	--
Equatorial Guinea	--	--	--	--	--	--	--	--	--	--
Gabon	--	--	--	--	--	--	--	--	--	--
Iran	--	--	--	--	--	--	--	--	--	--
Iraq	--	--	--	--	--	--	--	--	--	--
Kuwait	--	--	--	--	--	--	--	--	--	--
Libya	--	--	--	--	--	--	--	--	--	--
Nigeria	--	--	--	--	--	--	--	--	--	--
Saudi Arabia	--	--	--	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	--	--	--	--	--
Venezuela	--	--	--	--	--	--	--	--	--	--
Non-OPEC	--	--	101	--	--	1,193	9,955	313	43	356
Canada	--	--	101	--	--	1,193	9,955	313	43	356
Ecuador	--	--	--	--	--	--	--	--	--	--
Other	--	--	0	--	--	0	0	0	0	0
Total	--	--	101	--	--	1,193	9,955	313	43	356
PAD District 5										
OPEC	--	--	--	--	--	433	10,372	355	15	370
Algeria	--	--	--	--	--	378	378	--	14	14
Angola	--	--	--	--	--	--	--	--	--	--
Congo (Brazzaville)	--	--	--	--	--	--	--	--	--	--
Equatorial Guinea	--	--	--	--	--	55	55	--	2	2
Gabon	--	--	--	--	--	--	--	--	--	--
Iran	--	--	--	--	--	--	--	--	--	--
Iraq	--	--	--	--	--	--	6,505	232	--	232
Kuwait	--	--	--	--	--	--	--	--	--	--
Libya	--	--	--	--	--	--	1,043	37	--	37
Nigeria	--	--	--	--	--	--	--	--	--	--
Saudi Arabia	--	--	--	--	--	--	2,391	85	--	85
United Arab Emirates	--	--	--	--	--	--	--	--	--	--
Venezuela	--	--	--	--	--	--	--	--	--	--
Non-OPEC	6	--	68	40	--	10,119	33,316	828	361	1,190
Argentina	--	--	--	--	--	--	483	17	--	17
Australia	--	--	--	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	2,706	97	--	97
Brunei	--	--	--	--	--	--	--	--	--	--
Canada	--	--	68	2	--	2,433	10,944	304	87	391
China	--	--	--	--	--	605	605	--	22	22
Colombia	--	--	--	--	--	--	1,483	53	--	53
Ecuador	--	--	--	--	--	--	3,871	138	--	138
Finland	--	--	--	--	--	--	--	--	--	--
Germany	--	--	--	--	--	--	--	--	--	--
Indonesia	--	--	--	--	--	134	134	--	5	5
Japan	--	--	--	--	--	461	461	--	16	16
Korea, South	--	--	--	--	--	2,649	2,649	--	95	95
Malaysia	--	--	--	--	--	131	131	--	5	5
Mexico	--	--	--	--	--	--	1,208	43	--	43
Netherlands	--	--	--	--	--	365	365	--	13	13
Oman	--	--	--	--	--	--	--	--	--	--
Papua New Guinea	--	--	--	--	--	--	--	--	--	--
Peru	--	--	--	--	--	--	--	--	--	--
Singapore	--	--	--	--	--	586	586	--	21	21
Sweden	--	--	--	--	--	--	--	--	--	--
Taiwan	6	--	--	--	--	264	264	--	9	9
United Kingdom	--	--	--	--	--	--	--	--	--	--
Virgin Islands, U.S.	--	--	--	--	--	--	--	--	--	--
Other	0	--	0	38	--	2,491	7,426	176	88	265
Total	6	--	68	40	--	10,552	43,688	1,183	377	1,560
Persian Gulf⁴	--	--	--	38	--	38	8,934	318	1	319

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
PAD District 4										
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	8,153	812	-	-	-	-	-	-	129	129
Canada	8,153	812	-	-	-	-	-	-	129	129
Ecuador	-	-	-	-	-	-	-	-	-	-
Other	0	0	-	-	-	-	-	-	0	0
Total	8,153	812	-	-	-	-	-	-	129	129
PAD District 5										
OPEC	15,999	61	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	1,726	61	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	5,937	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	1,041	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	6,730	-	-	-	-	-	-	-	-	-
United Arab Emirates	1,428	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	22,526	1,670	-	76	-	1,019	1,019	316	2,887	3,203
Argentina	914	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Brazil	3,534	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	9,034	1,670	-	76	-	67	67	-	42	42
China	-	-	-	-	-	323	323	-	-	-
Colombia	1,238	-	-	-	-	-	-	-	-	-
Ecuador	3,087	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	64	64	-	229	229
Korea, South	-	-	-	-	-	565	565	-	697	697
Malaysia	-	-	-	-	-	-	-	-	77	77
Mexico	1,209	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	316	124	440
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	295	295
Sweden	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	159	159
United Kingdom	-	-	-	-	-	-	-	-	302	302
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	3,510	0	-	0	-	0	0	0	962	962
Total	38,525	1,731	-	76	-	1,019	1,019	316	2,887	3,203
Persian Gulf⁴	14,612	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
PAD District 4											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	14	-	-	49	-	-	-	49	-	-
Canada	-	14	-	-	49	-	-	-	49	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	-	-	-	0	-	-
Total	-	14	-	-	49	-	-	-	49	-	-
PAD District 5											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	124	733	-	308	-	-	-	308	-	1
Argentina	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Canada	-	88	-	-	261	-	-	-	261	-	1
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	36	-	-	47	-	-	-	47	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	14	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	719	-	0	-	-	-	0	-	0
Total	-	124	733	-	308	-	-	-	308	-	1
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
PAD District 4									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	76	-	-	4	-	4	-	-
Canada	-	76	-	-	4	-	4	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	-	0	-	-
Total	-	76	-	-	4	-	4	-	-
PAD District 5									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	3,262	23	-	-	-	-	-	-
Argentina	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	20	23	-	-	-	-	-	-
China	-	330	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	193	-	-	-	-	-	-	-
Korea, South	-	2,111	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Taiwan	-	74	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Other	-	534	0	-	-	-	-	-	-
Total	-	3,262	23	-	-	-	-	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
PAD District 4										
OPEC	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	103	—	—	1,187	9,340	263	38	301
Canada	—	—	103	—	—	1,187	9,340	263	38	301
Ecuador	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	—	—	0	0	0	0	0
Total	—	—	103	—	—	1,187	9,340	263	38	301
PAD District 5										
OPEC	—	—	—	—	—	61	16,060	516	2	518
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	61	924	56	2	30
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	5,937	192	—	192
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	1,041	34	—	34
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	6,730	217	—	217
United Arab Emirates	—	—	—	—	—	—	1,428	46	—	46
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	7	—	104	67	—	10,597	33,123	727	342	1,068
Argentina	—	—	—	—	—	—	914	29	—	29
Australia	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	3,534	114	—	114
Brunei	—	—	—	—	—	—	—	—	—	—
Canada	—	—	104	6	—	2,358	11,392	291	76	367
China	—	—	—	—	—	653	653	—	21	21
Colombia	—	—	—	—	—	—	1,238	40	—	40
Ecuador	—	—	—	—	—	—	3,087	100	—	100
Finland	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—
Japan	—	—	—	—	—	486	486	—	16	16
Korea, South	—	—	—	30	—	3,486	3,486	—	112	112
Malaysia	—	—	—	—	—	77	77	—	2	2
Mexico	—	—	—	—	—	—	1,209	39	—	39
Netherlands	—	—	—	—	—	454	454	—	15	15
Oman	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	1,014	1,014	—	33	33
Sweden	—	—	—	—	—	—	—	—	—	—
Taiwan	7	—	—	—	—	240	240	—	8	8
United Kingdom	—	—	—	—	—	302	302	—	10	10
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Other	0	—	0	31	—	1,527	5,037	114	49	162
Total	7	—	104	67	—	10,658	49,183	1,243	344	1,587
Persian Gulf⁴	—	—	—	31	—	31	14,643	471	1	472

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
PAD District 4										
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	6,010	473	-	-	-	-	-	-	70	70
Canada	6,010	473	-	-	-	-	-	-	70	70
Ecuador	-	-	-	-	-	-	-	-	-	-
Other	0	0	-	-	-	-	-	-	0	0
Total	6,010	473	-	-	-	-	-	-	70	70
PAD District 5										
OPEC	14,374	49	-	610	-	-	-	-	-	-
Algeria	-	-	-	610	-	-	-	-	-	-
Angola	1,905	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	332	49	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	5,790	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	1,033	-	-	-	-	-	-	-	-	-
Nigeria	946	-	-	-	-	-	-	-	-	-
Saudi Arabia	4,534	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	24,795	1,471	-	1,182	-	1,188	1,188	319	1,547	1,866
Argentina	471	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Brazil	3,293	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	9,803	1,414	-	218	-	12	12	-	32	32
China	-	-	-	-	-	-	-	-	-	-
Colombia	2,061	-	-	-	-	-	-	-	-	-
Ecuador	3,424	-	-	311	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	257	257	-	727	727
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	1,310	-	-	300	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	308	308
United Kingdom	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	4,433	57	-	353	-	919	919	319	480	799
Total	39,169	1,520	-	1,792	-	1,188	1,188	319	1,547	1,866
Persian Gulf⁴	10,324	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
PAD District 4											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	14	-	-	102	-	-	-	102	-	-
Canada	-	14	-	-	102	-	-	-	102	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	-	-	-	0	-	-
Total	-	14	-	-	102	-	-	-	102	-	-
PAD District 5											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	144	420	-	164	-	-	-	164	-	2
Argentina	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Canada	-	52	-	-	157	-	-	-	157	-	2
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	92	-	-	7	-	-	-	7	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	420	-	0	-	-	-	0	-	0
Total	-	144	420	-	164	-	-	-	164	-	2
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
PAD District 4									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	48	-	-	-	-	-	-	-
Canada	-	48	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	-	-	-	-	-
Total	-	48	-	-	-	-	-	-	-
PAD District 5									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	2,056	17	313	139	-	452	28	-
Argentina	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	12	17	-	43	-	43	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	493	-	194	96	-	290	-	-
Korea, South	-	1,472	-	-	-	-	-	-	-
Malaysia	-	-	-	119	-	-	119	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-
Singapore	-	79	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	28	-
United Kingdom	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Other	-	0	0	0	0	-	0	0	-
Total	-	2,056	17	313	139	-	452	28	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
PAD District 4										
OPEC	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	71	—	—	778	6,788	200	26	226
Canada	—	—	71	—	—	778	6,788	200	26	226
Ecuador	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	—	—	0	0	0	0	0
Total	—	—	71	—	—	778	6,788	200	26	226
PAD District 5										
OPEC	—	—	—	—	—	659	15,033	479	22	501
Algeria	—	—	—	—	—	610	610	—	20	20
Angola	—	—	—	—	—	—	1,905	64	—	64
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	49	215	12	2	7
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	5,790	193	—	193
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	1,033	34	—	34
Nigeria	—	—	—	—	—	—	946	32	—	32
Saudi Arabia	—	—	—	—	—	—	4,534	151	—	151
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	8	—	69	6	—	9,073	33,868	827	302	1,129
Argentina	—	—	—	—	—	—	471	16	—	16
Australia	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	3,293	110	—	110
Brunei	—	—	—	—	—	—	—	—	—	—
Canada	—	—	69	6	—	2,034	11,837	327	68	395
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	2,061	69	—	69
Ecuador	—	—	—	—	—	311	3,735	114	10	125
Finland	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—
Japan	—	—	—	—	—	783	783	—	26	26
Korea, South	—	—	—	—	—	2,555	2,555	—	85	85
Malaysia	—	—	—	—	—	119	119	—	4	4
Mexico	—	—	—	—	—	300	1,610	44	10	54
Netherlands	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	499	499	—	17	17
Sweden	—	—	—	—	—	—	—	—	—	—
Taiwan	8	—	—	—	—	344	344	—	11	11
United Kingdom	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Other	0	—	0	0	—	2,128	6,561	147	71	217
Total	8	—	69	6	—	9,732	48,901	1,306	324	1,630
Persian Gulf⁴	—	—	—	—	—	—	10,324	344	—	344

-- = Not Applicable.

- = No Data Reported.

1 Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

2 Includes crude oil imported for storage in the Strategic Petroleum Reserve.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

4 Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, May 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
PAD District 4										
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	6,312	349	-	-	-	-	-	-	29	29
Canada	6,312	349	-	-	-	-	-	-	29	29
Ecuador	-	-	-	-	-	-	-	-	-	-
Other	0	0	-	-	-	-	-	-	0	0
Total	6,312	349	-	-	-	-	-	-	29	29
PAD District 5										
OPEC	11,564	53	-	1,326	-	-	-	-	310	310
Algeria	-	-	-	1,255	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	53	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	6,012	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	1,048	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	4,504	-	-	71	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	310	310
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	24,929	1,407	-	1,008	-	970	970	-	1,306	1,306
Argentina	1,419	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Brazil	3,094	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	8,284	1,407	-	266	-	72	72	-	119	119
China	-	-	-	-	-	-	-	-	-	-
Colombia	2,690	-	-	-	-	-	-	-	-	-
Ecuador	5,251	-	-	313	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	150	150	-	186	186
Korea, South	-	-	-	-	-	580	580	-	332	332
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	399	-	-	429	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	388	388
United Kingdom	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	3,792	0	-	0	-	168	168	-	281	281
Total	36,493	1,460	-	2,334	-	970	970	-	1,616	1,616
Persian Gulf⁴	10,516	-	-	71	-	-	-	-	310	310

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, May 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
PAD District 4											
OPEC	—	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	6	—	—	100	—	—	—	100	—	1
Canada	—	6	—	—	100	—	—	—	100	—	1
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Other	—	0	—	—	0	—	—	—	0	—	0
Total	—	6	—	—	100	—	—	—	100	—	1
PAD District 5											
OPEC	—	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	145	976	—	857	—	1	—	858	—	3
Argentina	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—
Canada	—	82	—	—	557	—	1	—	558	—	3
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—
Japan	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	63	—	—	300	—	—	—	300	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—
Taiwan	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—
Other	—	0	976	—	0	—	0	—	0	—	0
Total	—	145	976	—	857	—	1	—	858	—	3
Persian Gulf⁴	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, May 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
PAD District 4									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	37	-	-	-	-	-	-	-
Canada	-	37	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	-	-	-	-	-
Total	-	37	-	-	-	-	-	-	-
PAD District 5									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	2,810	9	-	162	-	162	29	-
Argentina	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	166	9	-	162	-	162	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	74	-	-	-	-	-	-	-
Korea, South	-	2,384	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-
Singapore	-	186	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	29	-
United Kingdom	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Other	-	0	0	-	0	-	0	0	-
Total	-	2,810	9	-	162	-	162	29	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, May 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
PAD District 4										
OPEC	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	55	—	—	577	6,889	204	19	222
Canada	—	—	55	—	—	577	6,889	204	19	222
Ecuador	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	—	—	0	0	0	0	0
Total	—	—	55	—	—	577	6,889	204	19	222
PAD District 5										
OPEC	—	—	—	—	—	1,689	13,253	373	54	428
Algeria	—	—	—	—	—	1,255	1,255	—	40	40
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	53	53	—	2	2
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	6,012	194	—	194
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	1,048	34	—	34
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	71	4,575	145	2	148
United Arab Emirates	—	—	—	—	—	310	310	—	10	10
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	11	—	31	28	—	9,753	34,682	804	315	1,119
Argentina	—	—	—	—	—	—	1,419	46	—	46
Australia	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	3,094	100	—	100
Brunei	—	—	—	—	—	—	—	—	—	—
Canada	—	—	31	5	—	2,880	11,164	267	93	360
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	2,690	87	—	87
Ecuador	—	—	—	—	—	313	5,564	169	10	179
Finland	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—
Japan	—	—	—	—	—	410	410	—	13	13
Korea, South	—	—	—	—	—	3,659	3,659	—	118	118
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	429	828	13	14	27
Netherlands	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	1,162	1,162	—	37	37
Sweden	—	—	—	—	—	—	—	—	—	—
Taiwan	11	—	—	—	—	428	428	—	14	14
United Kingdom	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Other	0	—	0	23	—	472	4,264	122	16	138
Total	11	—	31	28	—	11,442	47,935	1,177	369	1,546
Persian Gulf⁴	—	—	—	23	—	404	10,920	339	13	352

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
PAD District 4										
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	7,585	269	-	-	-	-	-	-	11	11
Canada	7,585	269	-	-	-	-	-	-	11	11
Ecuador	-	-	-	-	-	-	-	-	-	-
Other	0	0	-	-	-	-	-	-	0	0
Total	7,585	269	-	-	-	-	-	-	11	11
PAD District 5										
OPEC	13,493	57	-	1,586	-	-	-	-	-	-
Algeria	-	-	-	987	-	-	-	-	-	-
Angola	1,137	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	57	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	5,462	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	2,096	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	4,798	-	-	599	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	28,085	1,266	-	413	-	411	411	-	655	655
Argentina	967	-	-	-	-	-	-	-	-	-
Australia	339	-	-	-	-	-	-	-	-	-
Brazil	6,098	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	9,046	1,266	-	63	-	25	25	-	137	137
China	-	-	-	-	-	-	-	-	-	-
Colombia	1,802	-	-	-	-	-	-	-	-	-
Ecuador	2,651	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	386	386	-	19	19
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	1,796	-	-	350	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	121	121
United Kingdom	-	-	-	-	-	-	-	-	49	49
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	5,101	0	-	0	-	0	0	-	329	329
Total	41,578	1,323	-	1,999	-	411	411	-	655	655
Persian Gulf⁴	10,260	-	-	599	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
PAD District 4											
OPEC	—	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	8	—	—	62	—	—	—	62	—	—
Canada	—	8	—	—	62	—	—	—	62	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Other	—	0	—	—	0	—	—	—	0	—	—
Total	—	8	—	—	62	—	—	—	62	—	—
PAD District 5											
OPEC	—	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	222	681	—	688	—	1	—	689	—	3
Argentina	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—
Canada	—	118	—	—	630	—	1	—	631	—	3
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—
Japan	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	104	—	—	58	—	—	—	58	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—
Taiwan	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—
Other	—	0	681	—	0	—	0	—	0	—	0
Total	—	222	681	—	688	—	1	—	689	—	3
Persian Gulf⁴	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
PAD District 4									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	21	-	-	-	-	-	-	-
Canada	-	21	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	-	-	-	-	-
Total	-	21	-	-	-	-	-	-	-
PAD District 5									
OPEC	-	-	-	-	198	-	198	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	95	-	95	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	103	-	103	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	3,231	8	305	183	-	488	28	-
Argentina	-	-	-	-	-	-	-	-	-
Australia	-	-	-	305	137	-	442	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	31	8	-	46	-	46	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	589	-	-	-	-	-	-	-
Korea, South	-	2,160	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-
Singapore	-	143	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	28	-
United Kingdom	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Other	-	308	0	0	0	-	0	0	-
Total	-	3,231	8	305	381	-	686	28	-
Persian Gulf⁴	-	-	-	-	198	-	198	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
PAD District 4										
OPEC	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	75	—	—	446	8,031	253	15	268
Canada	—	—	75	—	—	446	8,031	253	15	268
Ecuador	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	—	—	0	0	0	0	0
Total	—	—	75	—	—	446	8,031	253	15	268
PAD District 5										
OPEC	—	—	—	—	—	1,841	15,334	450	61	511
Algeria	—	—	—	—	—	987	987	—	33	33
Angola	—	—	—	—	—	—	1,137	38	—	38
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	57	57	—	2	2
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	5,462	182	—	182
Kuwait	—	—	—	—	—	95	95	—	3	3
Libya	—	—	—	—	—	—	2,096	70	—	70
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	599	5,397	160	20	180
United Arab Emirates	—	—	—	—	—	103	103	—	3	3
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	25	—	34	4	—	8,158	36,243	936	272	1,208
Argentina	—	—	—	—	—	—	967	32	—	32
Australia	—	—	—	—	—	442	781	11	15	26
Brazil	—	—	—	—	—	—	6,098	203	—	203
Brunei	—	—	—	—	—	—	—	—	—	—
Canada	—	—	34	4	—	2,366	11,412	302	79	380
China	18	—	—	—	—	18	18	—	1	1
Colombia	—	—	—	—	—	—	1,802	60	—	60
Ecuador	—	—	—	—	—	—	2,651	88	—	88
Finland	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—
Japan	—	—	—	—	—	589	589	—	20	20
Korea, South	—	—	—	—	—	2,727	2,727	—	91	91
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	350	2,146	60	12	72
Netherlands	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	824	824	—	27	27
Sweden	—	—	—	—	—	—	—	—	—	—
Taiwan	7	—	—	—	—	156	156	—	5	5
United Kingdom	—	—	—	—	—	49	49	—	2	2
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Other	0	—	0	0	—	637	5,738	170	20	191
Total	25	—	34	4	—	9,999	51,577	1,386	333	1,719
Persian Gulf⁴	—	—	—	—	—	797	11,057	342	27	369

-- = Not Applicable.

- = No Data Reported.

1 Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

2 Includes crude oil imported for storage in the Strategic Petroleum Reserve.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

4 Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
PAD District 4										
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	7,709	290	-	-	-	-	-	-	15	15
Canada	7,709	290	-	-	-	-	-	-	15	15
Ecuador	-	-	-	-	-	-	-	-	-	-
Other	0	0	-	-	-	-	-	-	0	0
Total	7,709	290	-	-	-	-	-	-	15	15
PAD District 5										
OPEC	13,409	103	-	1,350	-	-	-	-	154	154
Algeria	-	-	-	1,350	-	-	-	-	-	-
Angola	543	103	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	5,353	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	6,519	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	154	154
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	22,140	1,278	-	385	-	684	684	-	464	464
Argentina	1,688	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Brazil	3,826	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	7,198	1,278	-	79	-	12	12	-	39	39
China	-	-	-	-	-	-	-	-	-	-
Colombia	951	-	-	-	-	-	-	-	-	-
Ecuador	5,951	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	672	672	-	87	87
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	2	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	80	80
Sweden	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	218	218
United Kingdom	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	2,526	0	-	304	-	0	0	-	40	40
Total	35,549	1,381	-	1,735	-	684	684	-	618	618
Persian Gulf⁴	11,872	-	-	-	-	-	-	-	154	154

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
PAD District 4											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	13	-	-	74	-	-	-	74	-	-
Canada	-	13	-	-	74	-	-	-	74	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	-	-	-	0	-	-
Total	-	13	-	-	74	-	-	-	74	-	-
PAD District 5											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	121	783	-	484	-	1	-	485	-	1
Argentina	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Canada	-	121	-	-	276	-	1	-	277	-	1
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	110	-	-	-	110	-	-
Korea, South	-	-	-	-	98	-	-	-	98	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	0	-	-	-	0	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	783	-	0	-	0	-	0	-	0
Total	-	121	783	-	484	-	1	-	485	-	1
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
PAD District 4									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	24	-	-	-	-	-	-	-
Canada	-	24	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	-	-	-	-	-
Total	-	24	-	-	-	-	-	-	-
PAD District 5									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	2,691	11	-	99	38	137	27	-
Argentina	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	-	11	-	50	38	88	-	-
China	-	307	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	440	-	-	-	-	-	-	-
Korea, South	-	1,633	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	49	-	49	-	-
Taiwan	-	-	-	-	-	-	-	27	-
United Kingdom	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Other	-	311	0	-	0	0	0	0	-
Total	-	2,691	11	-	99	38	137	27	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
PAD District 4										
OPEC	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	73	—	—	489	8,198	249	16	264
Canada	—	—	73	—	—	489	8,198	249	16	264
Ecuador	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	—	—	0	0	0	0	0
Total	—	—	73	—	—	489	8,198	249	16	264
PAD District 5										
OPEC	—	—	—	—	—	1,607	15,016	433	52	484
Algeria	—	—	—	—	—	1,350	1,350	—	44	44
Angola	—	—	—	—	—	103	646	18	3	21
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	5,353	173	—	173
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	6,519	210	—	210
United Arab Emirates	—	—	—	—	—	154	154	—	5	5
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	8	—	69	62	—	7,206	29,346	714	232	947
Argentina	—	—	—	—	—	—	1,688	54	—	54
Australia	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	3,826	123	—	123
Brunei	—	—	—	—	—	—	—	—	—	—
Canada	—	—	38	4	—	1,948	9,146	232	63	295
China	—	—	—	—	—	307	307	—	10	10
Colombia	—	—	—	—	—	—	951	31	—	31
Ecuador	—	—	—	—	—	—	5,951	192	—	192
Finland	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—
Japan	—	—	—	—	—	550	550	—	18	18
Korea, South	—	—	31	10	—	2,531	2,531	—	82	82
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	13	—	15	15	—	0	0
Oman	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	863	863	—	28	28
Sweden	—	—	—	—	—	49	49	—	2	2
Taiwan	8	—	—	—	—	253	253	—	8	8
United Kingdom	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Other	0	—	0	35	—	690	3,216	82	21	104
Total	8	—	69	62	—	8,813	44,362	1,147	284	1,431
Persian Gulf⁴	—	—	—	35	—	189	12,061	383	6	389

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, August 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
PAD District 4										
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	8,140	202	-	-	-	-	-	-	18	18
Canada	8,140	202	-	-	-	-	-	-	18	18
Ecuador	-	-	-	-	-	-	-	-	-	-
Other	0	0	-	-	-	-	-	-	0	0
Total	8,140	202	-	-	-	-	-	-	18	18
PAD District 5										
OPEC	14,172	65	-	880	-	-	-	-	-	-
Algeria	-	-	-	880	-	-	-	-	-	-
Angola	950	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	65	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	5,873	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	1,048	-	-	-	-	-	-	-	-	-
Nigeria	919	-	-	-	-	-	-	-	-	-
Saudi Arabia	5,382	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	31,206	1,355	-	834	-	550	550	-	750	750
Argentina	1,911	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Brazil	5,268	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	10,297	1,355	-	484	-	94	94	-	85	85
China	-	-	-	-	-	-	-	-	-	-
Colombia	2,019	-	-	-	-	-	-	-	-	-
Ecuador	7,174	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	210	210	-	301	301
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	381	-	-	350	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	364	364
United Kingdom	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	4,156	0	-	0	-	246	246	-	0	0
Total	45,378	1,420	-	1,714	-	550	550	-	750	750
Persian Gulf⁴	11,255	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, August 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
PAD District 4											
OPEC	—	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	19	—	—	67	—	—	—	67	—	—
Canada	—	19	—	—	67	—	—	—	67	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Other	—	0	—	—	0	—	—	—	0	—	—
Total	—	19	—	—	67	—	—	—	67	—	—
PAD District 5											
OPEC	—	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	249	229	1,003	0	938	—	1	—	939	—	3
Argentina	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—
Brazil	249	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—
Canada	—	119	—	0	782	—	1	—	783	—	3
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—
Japan	—	—	—	—	146	—	—	—	146	—	—
Korea, South	—	110	—	—	10	—	—	—	10	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	46	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—
Taiwan	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—
Other	0	0	957	0	0	—	0	—	0	—	0
Total	249	229	1,003	0	938	—	1	—	939	—	3
Persian Gulf⁴	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, August 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
PAD District 4									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	10	-	-	-	-	-	-	-
Canada	-	10	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	-	-	-	-	-
Total	-	10	-	-	-	-	-	-	-
PAD District 5									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	2,018	74	-	63	-	63	-	-
Argentina	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	-	0	-	63	-	63	-	-
China	-	300	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	22	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	175	-	-	-	-	-	-	-
Korea, South	-	1,175	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	45	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-
Singapore	-	67	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Other	-	301	7	-	0	-	0	-	-
Total	-	2,018	74	-	63	-	63	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, August 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
PAD District 4										
OPEC	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	74	—	—	390	8,530	263	13	275
Canada	—	—	74	—	—	390	8,530	263	13	275
Ecuador	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	—	—	0	0	0	0	0
Total	—	—	74	—	—	390	8,530	263	13	275
PAD District 5										
OPEC	—	—	—	—	—	945	15,117	457	30	488
Algeria	—	—	—	—	—	880	880	—	28	28
Angola	—	—	—	—	—	—	950	31	—	31
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	65	65	—	2	2
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	5,873	189	—	189
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	1,048	34	—	34
Nigeria	—	—	—	—	—	—	919	30	—	30
Saudi Arabia	—	—	—	—	—	—	5,382	174	—	174
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	34	—	105	54	—	8,260	39,466	1,007	266	1,273
Argentina	—	—	—	—	—	—	1,911	62	—	62
Australia	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	249	5,517	170	8	178
Brunei	—	—	—	—	—	—	—	—	—	—
Canada	—	—	34	4	—	3,024	13,321	332	98	430
China	19	—	—	—	—	319	319	—	10	10
Colombia	—	—	—	—	—	—	2,019	65	—	65
Ecuador	—	—	—	—	—	—	7,174	231	—	231
Finland	—	—	—	50	—	50	50	—	2	2
Germany	—	—	—	—	—	22	22	—	1	1
Indonesia	—	—	—	—	—	—	—	—	—	—
Japan	—	—	—	—	—	321	321	—	10	10
Korea, South	—	—	—	—	—	1,806	1,806	—	58	58
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	350	731	12	11	24
Netherlands	—	—	—	—	—	91	91	—	3	3
Oman	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	1,024	1,024	—	33	33
Sweden	—	—	—	—	—	—	—	—	—	—
Taiwan	15	—	—	—	—	379	379	—	12	12
United Kingdom	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Other	0	—	71	0	—	625	4,781	135	20	154
Total	34	—	105	54	—	9,205	54,583	1,464	297	1,761
Persian Gulf⁴	—	—	—	—	—	—	11,255	363	—	363

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
PAD District 4										
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	8,762	263	-	-	-	-	-	-	13	13
Canada	8,762	263	-	-	-	-	-	-	13	13
Ecuador	-	-	-	-	-	-	-	-	-	-
Other	0	0	-	-	-	-	-	-	0	0
Total	8,762	263	-	-	-	-	-	-	13	13
PAD District 5										
OPEC	14,871	47	-	980	-	-	-	-	-	-
Algeria	-	-	-	980	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	47	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	6,470	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	1,020	-	-	-	-	-	-	-	-	-
Nigeria	923	-	-	-	-	-	-	-	-	-
Saudi Arabia	4,319	-	-	-	-	-	-	-	-	-
United Arab Emirates	2,139	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	26,991	1,391	-	715	-	1,020	1,020	-	742	742
Argentina	2,269	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Brazil	6,695	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	9,005	1,391	-	102	-	223	223	-	29	29
China	-	-	-	-	-	-	-	-	-	-
Colombia	1,001	-	-	-	-	-	-	-	-	-
Ecuador	2,996	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	158	158
Korea, South	-	-	-	-	-	797	797	-	194	194
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	2,536	-	-	364	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	80	80
Sweden	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	2,489	0	-	249	-	0	0	-	281	281
Total	41,862	1,438	-	1,695	-	1,020	1,020	-	742	742
Persian Gulf⁴	13,412	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
PAD District 4											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	6	-	-	55	-	-	-	55	-	-
Canada	-	6	-	-	55	-	-	-	55	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	-	-	-	0	-	-
Total	-	6	-	-	55	-	-	-	55	-	-
PAD District 5											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	151	214	405	-	527	-	-	-	527	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Brazil	151	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Canada	-	76	-	-	379	-	-	-	379	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	138	-	-	148	-	-	-	148	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	42	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Other	0	0	363	-	0	-	-	-	0	-	-
Total	151	214	405	-	527	-	-	-	527	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
PAD District 4									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	15	-	-	-	-	-	-	-
Canada	-	15	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	-	-	-	-	-
Total	-	15	-	-	-	-	-	-	-
PAD District 5									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	8	1,655	0	-	61	-	61	28	-
Argentina	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	25	0	-	61	-	61	-	-
China	-	322	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	310	-	-	-	-	-	-	-
Korea, South	8	998	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	28	-
United Kingdom	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Other	0	0	0	-	0	-	0	0	-
Total	8	1,655	0	-	61	-	61	28	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
PAD District 4										
OPEC	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	112	—	—	464	9,226	292	15	308
Canada	—	—	112	—	—	464	9,226	292	15	308
Ecuador	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	—	—	0	0	0	0	0
Total	—	—	112	—	—	464	9,226	292	15	308
PAD District 5										
OPEC	—	—	—	—	—	1,027	15,898	496	34	530
Algeria	—	—	—	—	—	980	980	—	33	33
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	47	47	—	2	2
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	6,470	216	—	216
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	1,020	34	—	34
Nigeria	—	—	—	—	—	—	923	31	—	31
Saudi Arabia	—	—	—	—	—	—	4,319	144	—	144
United Arab Emirates	—	—	—	—	—	—	2,139	71	—	71
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	1	—	31	64	—	7,013	34,004	900	234	1,133
Argentina	—	—	—	—	—	—	2,269	76	—	76
Australia	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	151	6,846	223	5	228
Brunei	—	—	—	—	—	—	—	—	—	—
Canada	—	—	31	3	—	2,320	11,325	300	77	378
China	—	—	—	—	—	322	322	—	11	11
Colombia	—	—	—	—	—	—	1,001	33	—	33
Ecuador	—	—	—	—	—	—	2,996	100	—	100
Finland	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—
Japan	—	—	—	—	—	468	468	—	16	16
Korea, South	—	—	—	11	—	2,294	2,294	—	76	76
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	364	2,900	85	12	97
Netherlands	—	—	—	10	—	52	52	—	2	2
Oman	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	443	443	—	15	15
Sweden	—	—	—	—	—	—	—	—	—	—
Taiwan	1	—	—	—	—	29	29	—	1	1
United Kingdom	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Other	0	—	0	40	—	570	3,059	83	19	100
Total	1	—	31	64	—	8,040	49,902	1,395	268	1,663
Persian Gulf⁴	—	—	—	40	—	40	13,452	447	1	448

-- = Not Applicable.

- = No Data Reported.

1 Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

2 Includes crude oil imported for storage in the Strategic Petroleum Reserve.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

4 Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
PAD District 4										
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	8,327	344	-	-	-	-	-	-	8	8
Canada	8,327	344	-	-	-	-	-	-	8	8
Ecuador	-	-	-	-	-	-	-	-	-	-
Other	0	0	-	-	-	-	-	-	0	0
Total	8,327	344	-	-	-	-	-	-	8	8
PAD District 5										
OPEC	12,595	55	-	1,072	-	-	-	-	-	-
Algeria	-	-	-	1,072	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	55	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	7,234	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	2,096	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	2,409	-	-	-	-	-	-	-	-	-
United Arab Emirates	856	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	23,085	1,625	-	736	-	366	366	-	1,361	1,361
Argentina	1,410	-	-	-	-	-	-	-	-	-
Australia	633	-	-	-	-	-	-	-	-	-
Brazil	5,669	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	8,176	1,625	-	88	-	71	71	-	22	22
China	-	-	-	-	-	-	-	-	-	-
Colombia	2,067	-	-	-	-	-	-	-	-	-
Ecuador	1,989	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	295	295	-	519	519
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	799	-	-	349	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	499	499
United Kingdom	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	2,342	0	-	299	-	0	0	-	321	321
Total	35,680	1,680	-	1,808	-	366	366	-	1,361	1,361
Persian Gulf⁴	11,010	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
PAD District 4											
OPEC	—	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	12	—	—	56	—	—	—	56	—	—
Canada	—	12	—	—	56	—	—	—	56	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Other	—	0	—	—	0	—	—	—	0	—	—
Total	—	12	—	—	56	—	—	—	56	—	—
PAD District 5											
OPEC	—	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	127	351	—	483	—	5	—	488	—	2
Argentina	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—
Canada	—	77	—	—	448	—	5	—	453	—	2
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—
Japan	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	50	—	—	35	—	—	—	35	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	60	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—
Taiwan	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—
Other	—	0	291	—	0	—	0	—	0	—	0
Total	—	127	351	—	483	—	5	—	488	—	2
Persian Gulf⁴	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
PAD District 4									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	18	-	-	-	-	-	-	-
Canada	-	18	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	-	-	-	-	-
Total	-	18	-	-	-	-	-	-	-
PAD District 5									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	3,135	0	-	275	-	275	29	-
Argentina	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	31	0	-	275	-	275	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	90	-	-	-	-	-	-	-
Korea, South	-	3,014	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	29	-
United Kingdom	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Other	-	0	0	-	0	-	0	0	-
Total	-	3,135	0	-	275	-	275	29	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
PAD District 4										
OPEC	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	94	1	—	533	8,860	269	17	286
Canada	—	—	94	1	—	533	8,860	269	17	286
Ecuador	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	0	—	0	0	0	0	0
Total	—	—	94	1	—	533	8,860	269	17	286
PAD District 5										
OPEC	—	—	—	—	—	1,127	13,722	406	36	443
Algeria	—	—	—	—	—	1,072	1,072	—	35	35
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	55	55	—	2	2
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	7,234	233	—	233
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	2,096	68	—	68
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	2,409	78	—	78
United Arab Emirates	—	—	—	—	—	—	856	28	—	28
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	1	—	87	39	—	8,622	31,707	745	278	1,023
Argentina	—	—	—	—	—	—	1,410	45	—	45
Australia	—	—	—	—	—	—	633	20	—	20
Brazil	—	—	—	—	—	—	5,669	183	—	183
Brunei	—	—	—	—	—	—	—	—	—	—
Canada	—	—	87	9	—	2,740	10,916	264	88	352
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	2,067	67	—	67
Ecuador	—	—	—	—	—	—	1,989	64	—	64
Finland	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—
Japan	—	—	—	—	—	90	90	—	3	3
Korea, South	—	—	—	9	—	3,922	3,922	—	127	127
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	349	1,148	26	11	37
Netherlands	—	—	—	—	—	60	60	—	2	2
Oman	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	291	291	—	9	9
Sweden	—	—	—	—	—	—	—	—	—	—
Taiwan	1	—	—	—	—	529	529	—	17	17
United Kingdom	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Other	0	—	0	21	—	641	2,983	76	21	97
Total	1	—	87	39	—	9,749	45,429	1,151	314	1,465
Persian Gulf⁴	—	—	—	21	—	21	11,031	355	1	356

-- = Not Applicable.

- = No Data Reported.

1 Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

2 Includes crude oil imported for storage in the Strategic Petroleum Reserve.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

4 Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
PAD District 4										
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	7,346	420	-	-	-	-	-	-	5	5
Canada	7,346	420	-	-	-	-	-	-	5	5
Ecuador	-	-	-	-	-	-	-	-	-	-
Other	0	0	-	-	-	-	-	-	0	0
Total	7,346	420	-	-	-	-	-	-	5	5
PAD District 5										
OPEC	8,722	55	-	601	-	-	-	-	-	-
Algeria	-	-	-	601	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	55	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	4,120	-	-	-	-	-	-	-	-	-
Kuwait	526	-	-	-	-	-	-	-	-	-
Libya	1,045	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	2,531	-	-	-	-	-	-	-	-	-
United Arab Emirates	500	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	30,387	1,655	-	1,127	-	685	685	-	524	524
Argentina	2,526	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Brazil	5,573	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	10,483	1,655	-	48	-	11	11	-	22	22
China	-	-	-	-	-	-	-	-	-	-
Colombia	1,984	-	-	-	-	-	-	-	-	-
Ecuador	2,988	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	151	151
Korea, South	-	-	-	-	-	674	674	-	351	351
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	3,282	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	3,551	0	-	1,079	-	0	0	-	0	0
Total	39,109	1,710	-	1,728	-	685	685	-	524	524
Persian Gulf⁴	7,677	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
PAD District 4											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	12	-	-	51	-	-	-	51	-	-
Canada	-	12	-	-	51	-	-	-	51	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	-	-	-	0	-	-
Total	-	12	-	-	51	-	-	-	51	-	-
PAD District 5											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	125	813	-	109	-	2	-	111	-	2
Argentina	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Canada	-	67	-	-	79	-	2	-	81	-	2
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	58	-	-	30	-	-	-	30	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	813	-	0	-	0	-	0	-	0
Total	-	125	813	-	109	-	2	-	111	-	2
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
PAD District 4									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	22	-	-	-	-	-	-	-
Canada	-	22	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	-	-	-	-	-
Total	-	22	-	-	-	-	-	-	-
PAD District 5									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	1,795	0	370	14	-	384	38	-
Argentina	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	14	0	-	14	-	14	-	-
China	-	302	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-
Korea, South	-	1,479	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	38	-
United Kingdom	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Other	-	0	0	370	0	-	370	0	-
Total	-	1,795	0	370	14	-	384	38	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
PAD District 4										
OPEC	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	102	2	—	614	7,960	245	20	265
Canada	—	—	102	2	—	614	7,960	245	20	265
Ecuador	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	0	—	0	0	0	0	0
Total	—	—	102	2	—	614	7,960	245	20	265
PAD District 5										
OPEC	—	—	—	—	—	656	9,378	291	22	313
Algeria	—	—	—	—	—	601	601	—	20	20
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	55	55	—	2	2
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	4,120	137	—	137
Kuwait	—	—	—	—	—	—	526	18	—	18
Libya	—	—	—	—	—	—	1,045	35	—	35
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	2,531	84	—	84
United Arab Emirates	—	—	—	—	—	—	500	17	—	17
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	3	—	82	137	—	7,481	37,868	1,013	249	1,262
Argentina	—	—	—	—	—	—	2,526	84	—	84
Australia	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	5,573	186	—	186
Brunei	—	—	—	—	—	—	—	—	—	—
Canada	—	—	82	5	—	2,001	12,484	349	67	416
China	—	—	—	—	—	302	302	—	10	10
Colombia	—	—	—	—	—	—	1,984	66	—	66
Ecuador	—	—	—	—	—	—	2,988	100	—	100
Finland	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—
Japan	—	—	—	—	—	151	151	—	5	5
Korea, South	—	—	—	—	—	2,592	2,592	—	86	86
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	3,282	109	—	109
Netherlands	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	813	813	—	27	27
Sweden	—	—	—	—	—	—	—	—	—	—
Taiwan	3	—	—	—	—	41	41	—	1	1
United Kingdom	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Other	0	—	0	132	—	1,581	5,132	119	53	172
Total	3	—	82	137	—	8,137	47,246	1,304	271	1,575
Persian Gulf⁴	—	—	—	132	—	132	7,809	256	4	260

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2023
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
PAD District 4										
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	8,634	513	-	-	-	-	-	-	6	6
Canada	8,634	513	-	-	-	-	-	-	6	6
Ecuador	-	-	-	-	-	-	-	-	-	-
Other	0	0	-	-	-	-	-	-	0	0
Total	8,634	513	-	-	-	-	-	-	6	6
PAD District 5										
OPEC	8,896	55	-	1,003	-	-	-	-	-	-
Algeria	-	-	-	1,003	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	55	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	4,453	-	-	-	-	-	-	-	-	-
Kuwait	799	-	-	-	-	-	-	-	-	-
Libya	1,042	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	1,380	-	-	-	-	-	-	-	-	-
United Arab Emirates	1,222	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	23,423	1,837	-	767	-	245	245	-	33	33
Argentina	2,199	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Brazil	6,272	-	-	-	-	-	-	-	25	25
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	7,429	1,837	-	382	-	12	12	-	8	8
China	-	-	-	-	-	-	-	-	-	-
Colombia	991	-	-	-	-	-	-	-	-	-
Ecuador	3,178	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	233	233	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	395	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	2,959	0	-	385	-	0	0	-	0	0
Total	32,319	1,892	-	1,770	-	245	245	-	33	33
Persian Gulf⁴	7,854	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2023
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
PAD District 4											
OPEC	—	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	5	—	—	71	—	—	—	71	—	—
Canada	—	5	—	—	71	—	—	—	71	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Other	—	0	—	—	0	—	—	—	0	—	—
Total	—	5	—	—	71	—	—	—	71	—	—
PAD District 5											
OPEC	—	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	94	1,052	—	196	—	1	—	197	—	3
Argentina	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—
Canada	—	94	—	—	155	—	1	—	156	—	3
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—
Japan	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	41	—	—	—	41	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	52	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—
Taiwan	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—
Other	—	0	1,000	—	0	—	0	—	0	—	0
Total	—	94	1,052	—	196	—	1	—	197	—	3
Persian Gulf⁴	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2023
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
PAD District 4									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	12	0	-	7	-	7	-	-
Canada	-	12	0	-	7	-	7	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Other	-	0	0	-	0	-	0	-	-
Total	-	12	0	-	7	-	7	-	-
PAD District 5									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	2,412	0	491	89	-	580	-	-
Argentina	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	12	0	-	89	-	89	-	-
China	-	326	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-
Korea, South	-	2,009	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-
Singapore	-	65	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Other	-	0	0	491	0	-	491	-	-
Total	-	2,412	0	491	89	-	580	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2023
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
PAD District 4										
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	157	-	-	771	9,405	279	25	303
Canada	-	-	157	-	-	771	9,405	279	25	303
Ecuador	-	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	-	0	0	0	0	0
Total	-	-	157	-	-	771	9,405	279	25	303
PAD District 5										
OPEC	-	-	-	-	-	1,058	9,954	287	34	321
Algeria	-	-	-	-	-	1,003	1,003	-	32	32
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	55	55	-	2	2
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	4,453	144	-	144
Kuwait	-	-	-	-	-	-	799	26	-	26
Libya	-	-	-	-	-	-	1,042	34	-	34
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	1,380	45	-	45
United Arab Emirates	-	-	-	-	-	-	1,222	39	-	39
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	30	-	144	30	-	7,424	30,847	756	239	995
Argentina	-	-	-	-	-	-	2,199	71	-	71
Australia	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	25	6,297	202	1	203
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	-	-	66	3	-	2,662	10,091	240	86	326
China	24	-	-	-	-	350	350	-	11	11
Colombia	-	-	-	-	-	-	991	32	-	32
Ecuador	-	-	-	-	-	-	3,178	103	-	103
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	1	-	2,284	2,284	-	74	74
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	395	13	-	13
Netherlands	-	-	-	-	-	52	52	-	2	2
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	1,065	1,065	-	34	34
Sweden	-	-	-	-	-	-	-	-	-	-
Taiwan	5	-	-	-	-	5	5	-	0	0
United Kingdom	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	1	-	78	26	-	981	3,940	95	31	126
Total	30	-	144	30	-	8,482	40,801	1,043	274	1,316
Persian Gulf⁴	1	-	-	26	-	27	7,881	253	1	254

-- = Not Applicable.

- = No Data Reported.

1 Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

2 Includes crude oil imported for storage in the Strategic Petroleum Reserve.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

4 Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 31. Exports of Crude Oil and Petroleum Products by PAD District, January 2023
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	0	2,654	103,032	–	–	105,686	3,409
Hydrocarbon Gas Liquids	6,568	7,153	64,449	9	1,026	79,204	2,555
Natural Gas Liquids	6,568	7,153	64,449	9	1,026	79,204	2,555
Ethane	2,783	2,307	9,985	0	–	15,075	486
Propane	3,256	115	41,124	1	743	45,239	1,459
Normal Butane	484	101	12,861	–	259	13,704	442
Isobutane	1	1	126	–	2	130	4
Natural Gasoline	44	4,629	354	8	23	5,056	163
Other Liquids	123	3,576	8,099	14	426	12,239	395
Hydrogen/Biofuels/Other Hydrocarbons	98	964	1,588	12	291	2,954	95
Hydrogen	–	–	–	–	–	–	–
Biofuels	98	964	1,588	12	291	2,954	95
Fuel Ethanol	94	918	1,505	12	260	2,790	90
Biodiesel	4	45	83	–	32	164	5
Renewable Diesel Fuel	NA	NA	NA	NA	NA	NA	NA
Other Biofuels ²	NA	NA	NA	NA	NA	NA	NA
Other Hydrocarbons	–	–	–	–	–	–	–
Unfinished Oils	21	2,539	3,677	0	21	6,259	202
Naphthas and Lighter	8	2,518	3,249	0	1	5,776	186
Kerosene and Light Gas Oils	13	21	428	–	20	483	16
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)	4	74	2,833	2	114	3,027	98
Reformulated	0	–	21	–	2	23	1
Conventional	4	74	2,812	2	112	3,003	97
Aviation Gasoline Blend. Comp.	–	–	–	–	–	–	–
Finished Petroleum Products	2,282	627	76,486	19	10,156	89,570	2,889
Finished Motor Gasoline	70	172	24,931	1	1,386	26,560	857
Reformulated	–	–	–	–	–	–	–
Conventional	70	172	24,931	1	1,386	26,560	857
Finished Aviation Gasoline	–	–	–	–	–	–	–
Kerosene-Type Jet Fuel	389	36	4,789	–	795	6,008	194
Kerosene	2	2	316	–	0	321	10
Distillate Fuel Oil	433	82	24,167	0	3,314	27,996	903
15 ppm sulfur and under	11	0	20,651	0	2,770	23,433	756
Greater than 15 ppm to 500 ppm sulfur	421	20	2,472	–	53	2,965	96
Greater than 500 ppm sulfur	1	62	1,044	–	491	1,597	52
Residual Fuel Oil	4	0	2,467	–	822	3,292	106
Naphtha for Petro. Feed. Use	–	–	–	–	–	–	–
Other Oils for Petro. Feed. Use	91	–	1,114	–	100	1,305	42
Special Naphthas	–	–	–	–	–	–	–
Lubricants	143	178	2,308	16	240	2,884	93
Waxes	67	38	15	–	5	125	4
Petroleum Coke	963	27	15,728	0	3,473	20,191	651
Asphalt and Road Oil	101	90	569	3	22	784	25
Miscellaneous Products	18	1	83	–	0	102	3
Total	8,973	14,009	252,066	42	11,608	286,699	9,248

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 31. Exports of Crude Oil and Petroleum Products by PAD District, February 2023
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	0	3,366	111,799	–	–	115,166	4,113
Hydrocarbon Gas Liquids	5,213	6,935	58,751	9	1,572	72,479	2,589
Natural Gas Liquids	5,213	6,935	58,751	9	1,572	72,479	2,589
Ethane	1,585	1,971	9,274	0	–	12,829	458
Propane	2,976	95	40,179	0	932	44,182	1,578
Normal Butane	609	106	9,119	–	629	10,463	374
Isobutane	1	1	103	–	–	106	4
Natural Gasoline	43	4,762	75	8	11	4,899	175
Other Liquids	214	3,285	7,163	39	707	11,408	407
Hydrogen/Biofuels/Other Hydrocarbons	184	807	1,330	39	341	2,701	96
Hydrogen	–	–	–	–	–	–	–
Biofuels	184	807	1,330	39	341	2,701	96
Fuel Ethanol	181	744	1,299	39	288	2,551	91
Biodiesel	3	63	31	–	53	150	5
Renewable Diesel Fuel	NA	NA	NA	NA	NA	NA	NA
Other Biofuels ²	NA	NA	NA	NA	NA	NA	NA
Other Hydrocarbons	–	–	–	–	–	–	–
Unfinished Oils	27	2,398	4,999	–	203	7,627	272
Naphthas and Lighter	11	2,392	4,359	–	0	6,762	241
Kerosene and Light Gas Oils	16	6	640	–	203	865	31
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)	3	80	834	–	163	1,080	39
Reformulated	0	–	53	–	0	54	2
Conventional	3	80	781	–	163	1,027	37
Aviation Gasoline Blend. Comp.	–	–	–	–	–	–	–
Finished Petroleum Products	1,358	493	66,144	19	6,698	74,713	2,668
Finished Motor Gasoline	42	196	20,260	0	881	21,380	764
Reformulated	–	–	–	–	–	–	–
Conventional	42	196	20,260	0	881	21,380	764
Finished Aviation Gasoline	–	–	–	–	–	–	–
Kerosene-Type Jet Fuel	318	24	3,800	–	838	4,979	178
Kerosene	2	0	25	–	0	27	1
Distillate Fuel Oil	227	19	23,917	–	1,824	25,987	928
15 ppm sulfur and under	205	2	19,770	–	1,169	21,146	755
Greater than 15 ppm to 500 ppm sulfur	21	5	2,291	–	210	2,528	90
Greater than 500 ppm sulfur	1	12	1,856	–	445	2,313	83
Residual Fuel Oil	212	–	2,919	–	301	3,432	123
Naphtha for Petro. Feed. Use	–	–	–	–	–	–	–
Other Oils for Petro. Feed. Use	2	–	1,176	–	50	1,228	44
Special Naphthas	–	–	–	–	–	–	–
Lubricants	189	154	1,841	17	63	2,265	81
Waxes	61	40	25	1	4	131	5
Petroleum Coke	226	38	11,746	–	2,711	14,720	526
Asphalt and Road Oil	64	17	401	1	27	511	18
Miscellaneous Products	14	4	33	–	0	52	2
Total	6,785	14,080	243,857	67	8,978	273,766	9,777

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 31. Exports of Crude Oil and Petroleum Products by PAD District, March 2023
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	0	2,088	133,647	–	1,053	136,788	4,413
Hydrocarbon Gas Liquids	9,290	6,061	73,244	8	2,619	91,222	2,943
Natural Gas Liquids	9,290	6,061	73,244	8	2,619	91,222	2,943
Ethane	2,290	1,390	11,928	–	–	15,608	503
Propane	5,064	147	49,406	2	1,389	56,008	1,807
Normal Butane	1,891	75	11,663	0	1,225	14,855	479
Isobutane	1	2	157	–	3	163	5
Natural Gasoline	44	4,447	90	6	2	4,588	148
Other Liquids	140	3,424	10,999	42	442	15,047	485
Hydrogen/Biofuels/Other Hydrocarbons	118	1,027	1,678	37	217	3,077	99
Hydrogen	–	–	–	–	–	–	–
Biofuels	118	1,027	1,678	37	217	3,077	99
Fuel Ethanol	113	865	1,648	37	153	2,817	91
Biodiesel	5	162	29	–	64	261	8
Renewable Diesel Fuel	NA	NA	NA	NA	NA	NA	NA
Other Biofuels ²	NA	NA	NA	NA	NA	NA	NA
Other Hydrocarbons	–	–	–	–	–	–	–
Unfinished Oils	19	2,384	6,563	5	41	9,013	291
Naphthas and Lighter	7	2,297	6,312	–	20	8,637	279
Kerosene and Light Gas Oils	12	87	251	5	21	376	12
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)	2	13	2,758	–	184	2,957	95
Reformulated	0	–	34	–	1	36	1
Conventional	2	13	2,724	–	183	2,921	94
Aviation Gasoline Blend. Comp.	–	–	–	–	–	–	–
Finished Petroleum Products	3,381	758	79,762	17	10,460	94,379	3,044
Finished Motor Gasoline	51	285	23,790	1	612	24,738	798
Reformulated	–	–	–	–	–	–	–
Conventional	51	285	23,790	1	612	24,738	798
Finished Aviation Gasoline	–	–	–	–	–	–	–
Kerosene-Type Jet Fuel	36	27	5,112	–	853	6,028	194
Kerosene	4	1	47	–	0	53	2
Distillate Fuel Oil	1,421	31	30,661	–	3,305	35,419	1,143
15 ppm sulfur and under	1,244	1	26,490	–	2,561	30,295	977
Greater than 15 ppm to 500 ppm sulfur	27	5	3,184	–	193	3,410	110
Greater than 500 ppm sulfur	150	25	987	–	552	1,714	55
Residual Fuel Oil	1,125	–	4,061	–	1,508	6,693	216
Naphtha for Petro. Feed. Use	–	–	–	–	–	–	–
Other Oils for Petro. Feed. Use	4	–	1,133	–	–	1,137	37
Special Naphthas	–	–	–	–	–	–	–
Lubricants	337	195	3,137	14	323	4,006	129
Waxes	69	38	21	0	5	134	4
Petroleum Coke	233	110	11,419	–	3,826	15,588	503
Asphalt and Road Oil	82	70	339	2	28	521	17
Miscellaneous Products	18	1	41	–	0	61	2
Total	12,811	12,331	297,652	67	14,574	337,436	10,885

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 31. Exports of Crude Oil and Petroleum Products by PAD District, April 2023
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	0	1,366	122,740	–	–	124,107	4,137
Hydrocarbon Gas Liquids	7,822	6,206	63,425	2	1,506	78,962	2,632
Natural Gas Liquids	7,822	6,206	63,425	2	1,506	78,962	2,632
Ethane	1,818	1,703	11,375	–	–	14,895	497
Propane	3,722	205	40,995	2	861	45,786	1,526
Normal Butane	2,260	100	10,867	–	618	13,845	461
Isobutane	0	2	104	–	3	109	4
Natural Gasoline	22	4,197	84	–	24	4,327	144
Other Liquids	213	3,914	9,913	111	394	14,546	485
Hydrogen/Biofuels/Other Hydrocarbons	194	1,214	2,352	51	183	3,994	133
Hydrogen	–	–	–	–	–	–	–
Biofuels	194	1,214	2,352	51	183	3,994	133
Fuel Ethanol	188	795	1,697	43	130	2,853	95
Biodiesel	6	419	655	7	53	1,141	38
Renewable Diesel Fuel	NA	NA	NA	NA	NA	NA	NA
Other Biofuels ²	NA	NA	NA	NA	NA	NA	NA
Other Hydrocarbons	–	–	–	–	–	–	–
Unfinished Oils	17	2,643	6,662	60	4	9,386	313
Naphthas and Lighter	7	2,530	6,015	–	1	8,552	285
Kerosene and Light Gas Oils	10	113	647	60	3	834	28
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)	2	57	899	0	207	1,166	39
Reformulated	–	–	63	–	–	63	2
Conventional	2	57	836	0	207	1,103	37
Aviation Gasoline Blend. Comp.	–	–	–	–	–	–	–
Finished Petroleum Products	685	1,438	70,101	21	8,666	80,911	2,697
Finished Motor Gasoline	32	346	22,287	1	765	23,431	781
Reformulated	–	–	–	–	–	–	–
Conventional	32	346	22,287	1	765	23,431	781
Finished Aviation Gasoline	–	–	–	–	–	–	–
Kerosene-Type Jet Fuel	27	28	3,286	–	492	3,834	128
Kerosene	4	1	20	–	0	24	1
Distillate Fuel Oil	112	81	27,009	–	3,387	30,589	1,020
15 ppm sulfur and under	9	6	23,547	–	3,347	26,910	897
Greater than 15 ppm to 500 ppm sulfur	101	3	2,367	–	19	2,490	83
Greater than 500 ppm sulfur	2	72	1,095	–	20	1,189	40
Residual Fuel Oil	2	–	2,836	–	671	3,509	117
Naphtha for Petro. Feed. Use	–	–	–	–	–	–	–
Other Oils for Petro. Feed. Use	–	–	836	–	–	836	28
Special Naphthas	–	–	–	–	–	–	–
Lubricants	168	184	2,801	19	89	3,261	109
Waxes	65	24	20	0	4	112	4
Petroleum Coke	211	700	10,498	–	3,236	14,646	488
Asphalt and Road Oil	50	73	446	1	22	591	20
Miscellaneous Products	14	1	63	–	–	77	3
Total	8,721	12,925	266,180	134	10,566	298,525	9,951

-- = Not Applicable.

– = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 31. Exports of Crude Oil and Petroleum Products by PAD District, May 2023
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	0	3,375	115,857	–	–	119,233	3,846
Hydrocarbon Gas Liquids	11,082	7,696	59,625	9	1,717	80,129	2,585
Natural Gas Liquids	11,082	7,696	59,625	9	1,717	80,129	2,585
Ethane	2,075	1,998	10,377	–	–	14,450	466
Propane	5,960	173	40,349	2	859	47,343	1,527
Normal Butane	2,978	157	8,674	–	856	12,665	409
Isobutane	1	2	178	–	0	181	6
Natural Gasoline	68	5,366	48	8	1	5,491	177
Other Liquids	154	3,952	12,331	93	542	17,072	551
Hydrogen/Biofuels/Other Hydrocarbons	37	1,272	1,812	64	249	3,434	111
Hydrogen	–	–	–	–	–	–	–
Biofuels	37	1,272	1,812	64	249	3,434	111
Fuel Ethanol	34	897	1,578	36	130	2,676	86
Biodiesel	3	374	233	28	119	758	24
Renewable Diesel Fuel	NA	NA	NA	NA	NA	NA	NA
Other Biofuels ²	NA	NA	NA	NA	NA	NA	NA
Other Hydrocarbons	–	–	–	–	–	–	–
Unfinished Oils	114	2,626	8,040	29	93	10,902	352
Naphthas and Lighter	105	2,466	7,336	0	2	9,908	320
Kerosene and Light Gas Oils	9	160	704	29	92	994	32
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)	3	55	2,480	0	200	2,737	88
Reformulated	0	–	50	–	1	51	2
Conventional	2	55	2,430	0	199	2,686	87
Aviation Gasoline Blend. Comp.	–	–	–	–	–	–	–
Finished Petroleum Products	1,776	1,234	79,400	19	8,783	91,213	2,942
Finished Motor Gasoline	65	316	21,757	2	914	23,054	744
Reformulated	–	–	–	–	–	–	–
Conventional	65	316	21,757	2	914	23,054	744
Finished Aviation Gasoline	–	–	–	–	–	–	–
Kerosene-Type Jet Fuel	21	34	3,477	–	473	4,005	129
Kerosene	9	1	1	–	1	12	0
Distillate Fuel Oil	163	115	32,907	–	2,875	36,059	1,163
15 ppm sulfur and under	136	1	27,746	–	2,771	30,653	989
Greater than 15 ppm to 500 ppm sulfur	26	2	3,868	–	70	3,966	128
Greater than 500 ppm sulfur	1	111	1,293	–	34	1,440	46
Residual Fuel Oil	449	0	3,420	–	2	3,871	125
Naphtha for Petro. Feed. Use	–	–	–	–	–	–	–
Other Oils for Petro. Feed. Use	150	–	482	–	–	632	20
Special Naphthas	–	–	–	–	–	–	–
Lubricants	320	221	3,032	15	506	4,094	132
Waxes	83	21	19	0	5	128	4
Petroleum Coke	429	507	14,009	0	3,976	18,921	610
Asphalt and Road Oil	78	20	216	1	31	347	11
Miscellaneous Products	10	0	79	0	0	89	3
Total	13,012	16,257	267,213	121	11,043	307,647	9,924

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 31. Exports of Crude Oil and Petroleum Products by PAD District, June 2023
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	1	2,352	113,748	–	1,300	117,401	3,913
Hydrocarbon Gas Liquids	10,096	8,738	57,075	13	2,728	78,649	2,622
Natural Gas Liquids	10,096	8,738	57,075	13	2,728	78,649	2,622
Ethane	2,144	3,359	9,855	0	1	15,359	512
Propane	6,037	134	38,515	3	1,189	45,877	1,529
Normal Butane	1,866	129	8,564	3	1,535	12,097	403
Isobutane	1	2	62	–	3	67	2
Natural Gasoline	48	5,114	79	6	1	5,249	175
Other Liquids	294	4,150	9,639	97	456	14,636	488
Hydrogen/Biofuels/Other Hydrocarbons	41	1,390	1,712	40	310	3,494	116
Hydrogen	–	–	–	–	–	–	–
Biofuels	41	1,390	1,712	40	310	3,494	116
Fuel Ethanol	39	979	1,447	27	164	2,656	89
Biodiesel	2	412	265	13	147	839	28
Renewable Diesel Fuel	NA	NA	NA	NA	NA	NA	NA
Other Biofuels ²	NA	NA	NA	NA	NA	NA	NA
Other Hydrocarbons	–	–	–	–	–	–	–
Unfinished Oils	250	2,616	6,059	57	16	8,998	300
Naphthas and Lighter	7	2,408	5,961	–	1	8,377	279
Kerosene and Light Gas Oils	243	207	99	57	15	621	21
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)	2	144	1,867	–	130	2,144	71
Reformulated	0	–	21	–	0	21	1
Conventional	2	144	1,847	–	130	2,123	71
Aviation Gasoline Blend. Comp.	–	–	–	–	–	–	–
Finished Petroleum Products	2,133	803	79,733	13	9,155	91,836	3,061
Finished Motor Gasoline	53	178	20,502	1	1,219	21,953	732
Reformulated	–	–	–	–	–	–	–
Conventional	53	178	20,502	1	1,219	21,953	732
Finished Aviation Gasoline	–	–	–	–	–	–	–
Kerosene-Type Jet Fuel	461	44	3,752	–	621	4,879	163
Kerosene	4	1	43	–	1	49	2
Distillate Fuel Oil	671	30	30,645	–	3,506	34,852	1,162
15 ppm sulfur and under	660	1	27,580	–	3,295	31,536	1,051
Greater than 15 ppm to 500 ppm sulfur	10	3	1,792	–	2	1,807	60
Greater than 500 ppm sulfur	1	27	1,273	–	209	1,510	50
Residual Fuel Oil	3	1	4,122	–	358	4,484	149
Naphtha for Petro. Feed. Use	–	–	–	–	–	–	–
Other Oils for Petro. Feed. Use	–	–	1,112	–	314	1,427	48
Special Naphthas	–	–	–	–	–	–	–
Lubricants	290	203	2,662	10	87	3,253	108
Waxes	72	33	20	–	5	129	4
Petroleum Coke	478	215	16,477	–	3,018	20,189	673
Asphalt and Road Oil	81	97	336	2	26	541	18
Miscellaneous Products	19	0	60	0	1	80	3
Total	12,523	16,043	260,195	123	13,639	302,522	10,084

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 31. Exports of Crude Oil and Petroleum Products by PAD District, July 2023
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	0	3,051	118,548	–	0	121,600	3,923
Hydrocarbon Gas Liquids	9,072	5,991	62,984	12	1,458	79,516	2,565
Natural Gas Liquids	9,072	5,991	62,984	12	1,458	79,516	2,565
Ethane	2,424	2,036	10,890	1	–	15,351	495
Propane	4,478	125	42,625	3	834	48,066	1,551
Normal Butane	2,131	160	8,975	1	620	11,887	383
Isobutane	1	2	161	–	2	167	5
Natural Gasoline	38	3,667	332	7	1	4,044	130
Other Liquids	577	3,932	10,518	116	998	16,141	521
Hydrogen/Biofuels/Other Hydrocarbons	150	1,424	1,429	79	287	3,369	109
Hydrogen	–	–	–	–	–	–	–
Biofuels	150	1,424	1,429	79	287	3,369	109
Fuel Ethanol	147	1,046	1,273	45	167	2,678	86
Biodiesel	3	378	156	34	120	691	22
Renewable Diesel Fuel	NA	NA	NA	NA	NA	NA	NA
Other Biofuels ²	NA	NA	NA	NA	NA	NA	NA
Other Hydrocarbons	–	–	–	–	–	–	–
Unfinished Oils	17	2,395	6,411	37	453	9,313	300
Naphthas and Lighter	7	2,288	6,123	0	305	8,722	281
Kerosene and Light Gas Oils	10	107	288	37	148	591	19
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)	411	113	2,678	0	258	3,459	112
Reformulated	1	–	5	–	1	8	0
Conventional	409	113	2,673	0	257	3,451	111
Aviation Gasoline Blend. Comp.	–	–	–	–	–	–	–
Finished Petroleum Products	1,480	888	90,917	18	9,324	102,627	3,311
Finished Motor Gasoline	167	140	26,031	1	824	27,163	876
Reformulated	–	–	–	–	–	–	–
Conventional	167	140	26,031	1	824	27,163	876
Finished Aviation Gasoline	–	–	–	–	–	–	–
Kerosene-Type Jet Fuel	22	64	4,045	–	534	4,665	150
Kerosene	2	0	21	–	0	23	1
Distillate Fuel Oil	648	73	35,120	–	3,271	39,113	1,262
15 ppm sulfur and under	635	0	31,143	–	3,219	34,997	1,129
Greater than 15 ppm to 500 ppm sulfur	13	8	3,107	–	1	3,129	101
Greater than 500 ppm sulfur	0	65	871	–	51	987	32
Residual Fuel Oil	6	39	4,400	–	361	4,806	155
Naphtha for Petro. Feed. Use	–	–	–	–	–	–	–
Other Oils for Petro. Feed. Use	–	–	516	–	308	824	27
Special Naphthas	–	–	–	–	–	–	–
Lubricants	149	196	2,874	15	376	3,609	116
Waxes	64	23	25	0	3	116	4
Petroleum Coke	299	196	17,648	0	3,620	21,763	702
Asphalt and Road Oil	111	156	191	2	26	487	16
Miscellaneous Products	12	0	45	–	0	58	2
Total	11,129	13,862	282,967	146	11,779	319,884	10,319

-- = Not Applicable.

– = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 31. Exports of Crude Oil and Petroleum Products by PAD District, August 2023
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	0	3,104	132,718	–	760	136,582	4,406
Hydrocarbon Gas Liquids	11,148	6,770	60,892	4	1,831	80,645	2,601
Natural Gas Liquids	11,148	6,770	60,892	4	1,831	80,645	2,601
Ethane	2,310	2,257	11,218	–	–	15,785	509
Propane	5,789	129	38,980	3	1,089	45,989	1,484
Normal Butane	3,022	256	10,287	0	737	14,302	461
Isobutane	1	0	55	–	2	59	2
Natural Gasoline	27	4,128	352	1	3	4,512	146
Other Liquids	161	3,460	10,019	146	516	14,302	461
Hydrogen/Biofuels/Other Hydrocarbons	124	1,354	1,036	122	312	2,948	95
Hydrogen	–	–	–	–	–	–	–
Biofuels	124	1,354	1,036	122	312	2,948	95
Fuel Ethanol	122	1,024	954	85	210	2,395	77
Biodiesel	2	330	82	37	102	553	18
Renewable Diesel Fuel	NA	NA	NA	NA	NA	NA	NA
Other Biofuels ²	NA	NA	NA	NA	NA	NA	NA
Other Hydrocarbons	–	–	–	–	–	–	–
Unfinished Oils	22	1,777	6,676	21	21	8,517	275
Naphthas and Lighter	7	1,601	6,527	0	1	8,136	262
Kerosene and Light Gas Oils	15	176	149	21	20	381	12
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)	16	329	2,306	3	183	2,837	92
Reformulated	1	–	0	–	–	1	0
Conventional	15	329	2,306	3	183	2,836	91
Aviation Gasoline Blend. Comp.	–	–	–	–	–	–	–
Finished Petroleum Products	1,891	729	81,762	18	8,661	93,062	3,002
Finished Motor Gasoline	44	209	21,913	1	869	23,035	743
Reformulated	–	–	–	–	–	–	–
Conventional	44	209	21,913	1	869	23,035	743
Finished Aviation Gasoline	–	–	–	–	–	–	–
Kerosene-Type Jet Fuel	14	88	5,442	0	951	6,495	210
Kerosene	4	0	326	–	0	330	11
Distillate Fuel Oil	644	80	33,805	0	2,879	37,407	1,207
15 ppm sulfur and under	575	25	29,396	0	2,482	32,478	1,048
Greater than 15 ppm to 500 ppm sulfur	19	5	3,242	–	7	3,272	106
Greater than 500 ppm sulfur	50	50	1,167	–	391	1,657	53
Residual Fuel Oil	211	10	2,675	–	284	3,180	103
Naphtha for Petro. Feed. Use	–	–	–	–	–	–	–
Other Oils for Petro. Feed. Use	0	–	1,285	–	146	1,431	46
Special Naphthas	–	–	–	–	–	–	–
Lubricants	184	181	2,581	16	67	3,029	98
Waxes	81	32	19	0	4	136	4
Petroleum Coke	602	78	13,185	–	3,415	17,279	557
Asphalt and Road Oil	93	51	506	1	46	697	22
Miscellaneous Products	15	0	28	–	0	42	1
Total	13,201	14,064	285,390	169	11,768	324,592	10,471

-- = Not Applicable.

– = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 31. Exports of Crude Oil and Petroleum Products by PAD District, September 2023
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	1	4,993	119,115	–	–	124,109	4,137
Hydrocarbon Gas Liquids	9,980	5,692	65,258	3	1,462	82,395	2,746
Natural Gas Liquids	9,980	5,692	65,258	3	1,462	82,395	2,746
Ethane	2,466	1,921	10,925	–	–	15,312	510
Propane	5,692	124	42,335	2	929	49,083	1,636
Normal Butane	1,786	58	11,945	1	528	14,316	477
Isobutane	1	4	4	–	4	12	0
Natural Gasoline	35	3,586	50	0	1	3,672	122
Other Liquids	276	3,881	10,534	132	604	15,428	514
Hydrogen/Biofuels/Other Hydrocarbons	251	1,198	1,502	61	296	3,308	110
Hydrogen	–	–	–	–	–	–	–
Biofuels	251	1,198	1,502	61	296	3,308	110
Fuel Ethanol	248	959	1,462	60	170	2,899	97
Biodiesel	3	239	40	2	127	410	14
Renewable Diesel Fuel	NA	NA	NA	NA	NA	NA	NA
Other Biofuels ²	NA	NA	NA	NA	NA	NA	NA
Other Hydrocarbons	–	–	–	–	–	–	–
Unfinished Oils	19	2,477	7,434	61	150	10,141	338
Naphthas and Lighter	6	2,257	7,282	0	0	9,545	318
Kerosene and Light Gas Oils	13	220	152	61	149	596	20
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)	5	206	1,598	10	158	1,978	66
Reformulated	0	–	1	–	1	3	0
Conventional	5	206	1,597	10	157	1,976	66
Aviation Gasoline Blend. Comp.	–	–	–	–	–	–	–
Finished Petroleum Products	1,931	846	69,682	17	8,963	81,440	2,715
Finished Motor Gasoline	43	147	21,891	1	751	22,834	761
Reformulated	–	–	–	–	–	–	–
Conventional	43	147	21,891	1	751	22,834	761
Finished Aviation Gasoline	–	–	–	–	–	–	–
Kerosene-Type Jet Fuel	9	83	3,327	–	765	4,185	139
Kerosene	4	0	23	–	127	154	5
Distillate Fuel Oil	975	62	28,347	–	2,963	32,347	1,078
15 ppm sulfur and under	954	1	24,168	–	2,391	27,515	917
Greater than 15 ppm to 500 ppm sulfur	20	4	2,484	–	29	2,538	85
Greater than 500 ppm sulfur	–	57	1,694	–	543	2,294	76
Residual Fuel Oil	8	1	2,232	–	942	3,183	106
Naphtha for Petro. Feed. Use	–	–	–	–	–	–	–
Other Oils for Petro. Feed. Use	113	–	773	–	50	936	31
Special Naphthas	–	–	–	–	–	–	–
Lubricants	181	194	3,039	14	312	3,740	125
Waxes	91	21	22	0	3	137	5
Petroleum Coke	434	216	9,475	0	3,020	13,146	438
Asphalt and Road Oil	60	121	518	2	30	731	24
Miscellaneous Products	12	1	34	–	0	47	2
Total	12,188	15,412	264,589	153	11,030	303,371	10,112

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 31. Exports of Crude Oil and Petroleum Products by PAD District, October 2023
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	1	3,417	124,564	–	–	127,981	4,128
Hydrocarbon Gas Liquids	7,828	4,806	70,587	0	1,978	85,200	2,748
Natural Gas Liquids	7,828	4,806	70,587	0	1,978	85,200	2,748
Ethane	2,146	1,081	10,402	–	1	13,630	440
Propane	4,831	60	46,846	0	1,116	52,854	1,705
Normal Butane	821	185	13,049	0	858	14,913	481
Isobutane	–	3	132	–	2	137	4
Natural Gasoline	30	3,477	158	0	1	3,666	118
Other Liquids	354	4,663	8,363	72	783	14,234	459
Hydrogen/Biofuels/Other Hydrocarbons	331	1,104	1,555	61	177	3,228	104
Hydrogen	–	–	–	–	–	–	–
Biofuels	331	1,104	1,555	61	177	3,228	104
Fuel Ethanol	331	973	1,281	61	132	2,777	90
Biodiesel	0	131	274	–	45	451	15
Renewable Diesel Fuel	NA	NA	NA	NA	NA	NA	NA
Other Biofuels ²	NA	NA	NA	NA	NA	NA	NA
Other Hydrocarbons	–	–	–	–	–	–	–
Unfinished Oils	18	3,187	5,259	–	429	8,894	287
Naphthas and Lighter	5	3,097	5,154	–	401	8,656	279
Kerosene and Light Gas Oils	13	91	105	–	28	238	8
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)	5	371	1,548	11	176	2,112	68
Reformulated	1	–	21	–	4	26	1
Conventional	4	371	1,527	11	172	2,086	67
Aviation Gasoline Blend. Comp.	–	–	–	–	–	–	–
Finished Petroleum Products	1,087	581	75,871	14	10,610	88,164	2,844
Finished Motor Gasoline	78	158	24,427	–	871	25,533	824
Reformulated	–	–	–	–	–	–	–
Conventional	78	158	24,427	–	871	25,533	824
Finished Aviation Gasoline	–	–	–	–	–	–	–
Kerosene-Type Jet Fuel	14	86	3,768	–	672	4,540	146
Kerosene	4	–	322	–	–	327	11
Distillate Fuel Oil	36	67	28,422	–	4,879	33,404	1,078
15 ppm sulfur and under	16	49	23,429	–	3,820	27,314	881
Greater than 15 ppm to 500 ppm sulfur	19	–	2,959	–	327	3,305	107
Greater than 500 ppm sulfur	1	18	2,034	–	732	2,785	90
Residual Fuel Oil	4	0	2,973	–	517	3,495	113
Naphtha for Petro. Feed. Use	–	–	–	–	–	–	–
Other Oils for Petro. Feed. Use	–	–	1,304	–	338	1,642	53
Special Naphthas	–	–	–	–	–	–	–
Lubricants	229	165	2,578	12	88	3,071	99
Waxes	71	21	28	0	4	124	4
Petroleum Coke	469	77	11,578	0	3,210	15,335	495
Asphalt and Road Oil	168	7	449	2	32	658	21
Miscellaneous Products	13	1	22	0	0	36	1
Total	9,269	13,467	279,385	87	13,371	315,579	10,180

-- = Not Applicable.

– = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 31. Exports of Crude Oil and Petroleum Products by PAD District, November 2023
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	1	3,524	114,341	0	2	117,868	3,929
Hydrocarbon Gas Liquids	6,154	5,752	70,779	3	992	83,681	2,789
Natural Gas Liquids	6,154	5,752	70,779	3	992	83,681	2,789
Ethane	1,715	1,170	9,128	—	1	12,014	400
Propane	3,974	77	48,919	—	616	53,586	1,786
Normal Butane	416	124	12,523	0	369	13,433	448
Isobutane	—	2	69	—	4	74	2
Natural Gasoline	49	4,379	141	3	1	4,574	152
Other Liquids	63	4,419	12,046	56	365	16,949	565
Hydrogen/Biofuels/Other Hydrocarbons	34	986	1,851	53	184	3,108	104
Hydrogen	—	—	—	—	—	—	—
Biofuels	34	986	1,851	53	184	3,108	104
Fuel Ethanol	31	901	1,610	53	151	2,746	92
Biodiesel	3	84	241	—	33	361	12
Renewable Diesel Fuel	NA	NA	NA	NA	NA	NA	NA
Other Biofuels ²	NA	NA	NA	NA	NA	NA	NA
Other Hydrocarbons	—	—	—	—	—	—	—
Unfinished Oils	26	3,275	5,887	0	11	9,199	307
Naphthas and Lighter	11	3,208	5,429	0	1	8,648	288
Kerosene and Light Gas Oils	15	68	458	0	10	551	18
Heavy Gas Oils	—	—	—	—	—	—	—
Residuum	—	—	—	—	—	—	—
Motor Gasoline Blend.Comp. (MGBC)	3	159	4,307	3	170	4,642	155
Reformulated	0	—	34	—	1	35	1
Conventional	3	159	4,273	3	169	4,607	154
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	1,871	601	76,522	10	9,599	88,604	2,953
Finished Motor Gasoline	44	133	25,637	—	1,151	26,965	899
Reformulated	—	—	—	—	—	—	—
Conventional	44	133	25,637	—	1,151	26,965	899
Finished Aviation Gasoline	—	—	—	—	—	—	—
Kerosene-Type Jet Fuel	171	90	4,454	—	932	5,647	188
Kerosene	3	—	75	—	0	78	3
Distillate Fuel Oil	418	52	30,082	—	4,296	34,848	1,162
15 ppm sulfur and under	394	1	26,090	—	2,874	29,359	979
Greater than 15 ppm to 500 ppm sulfur	24	—	2,861	—	311	3,197	107
Greater than 500 ppm sulfur	—	51	1,131	—	1,111	2,293	76
Residual Fuel Oil	8	—	2,215	—	239	2,462	82
Naphtha for Petro. Feed. Use	—	—	—	—	—	—	—
Other Oils for Petro. Feed. Use	103	—	778	—	240	1,122	37
Special Naphthas	—	—	—	—	—	—	—
Lubricants	219	181	3,583	10	263	4,255	142
Waxes	76	21	18	0	3	118	4
Petroleum Coke	733	106	9,211	—	2,429	12,481	416
Asphalt and Road Oil	79	19	379	1	45	522	17
Miscellaneous Products	16	0	90	—	0	107	4
Total	8,090	14,297	273,688	69	10,958	307,102	10,237

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 31. Exports of Crude Oil and Petroleum Products by PAD District, December 2023
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	1	3,899	139,372	1	–	143,273	4,622
Hydrocarbon Gas Liquids	8,733	7,244	68,720	0	1,674	86,371	2,786
Natural Gas Liquids	8,733	7,244	68,720	0	1,674	86,371	2,786
Ethane	1,999	2,617	7,019	–	–	11,635	375
Propane	5,962	48	49,205	–	1,287	56,502	1,823
Normal Butane	721	148	12,240	–	377	13,486	435
Isobutane	–	3	42	–	3	47	2
Natural Gasoline	50	4,428	215	0	6	4,700	152
Other Liquids	59	3,325	14,767	61	428	18,640	601
Hydrogen/Biofuels/Other Hydrocarbons	31	911	2,867	49	240	4,098	132
Hydrogen	–	–	–	–	–	–	–
Biofuels	31	911	2,867	49	240	4,098	132
Fuel Ethanol	27	845	2,595	49	192	3,707	120
Biodiesel	4	66	273	–	48	391	13
Renewable Diesel Fuel	NA	NA	NA	NA	NA	NA	NA
Other Biofuels ²	NA	NA	NA	NA	NA	NA	NA
Other Hydrocarbons	–	–	–	–	–	–	–
Unfinished Oils	22	2,312	9,398	–	37	11,770	380
Naphthas and Lighter	6	2,257	8,611	–	7	10,880	351
Kerosene and Light Gas Oils	16	55	788	–	31	890	29
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)	7	101	2,501	12	151	2,772	89
Reformulated	1	–	21	–	–	22	1
Conventional	6	101	2,480	12	151	2,750	89
Aviation Gasoline Blend. Comp.	–	–	–	–	–	–	–
Finished Petroleum Products	1,123	503	98,638	12	9,946	110,221	3,556
Finished Motor Gasoline	80	81	29,936	1	1,237	31,335	1,011
Reformulated	–	–	–	–	–	–	–
Conventional	80	81	29,936	1	1,237	31,335	1,011
Finished Aviation Gasoline	–	–	–	–	–	–	–
Kerosene-Type Jet Fuel	21	111	7,081	–	606	7,820	252
Kerosene	8	0	25	–	0	33	1
Distillate Fuel Oil	31	41	35,659	–	3,612	39,343	1,269
15 ppm sulfur and under	11	1	31,599	–	3,377	34,989	1,129
Greater than 15 ppm to 500 ppm sulfur	19	1	2,684	–	33	2,738	88
Greater than 500 ppm sulfur	0	39	1,375	–	202	1,616	52
Residual Fuel Oil	4	–	3,271	–	51	3,327	107
Naphtha for Petro. Feed. Use	–	–	–	–	–	–	–
Other Oils for Petro. Feed. Use	110	–	1,165	–	200	1,475	48
Special Naphthas	–	–	–	–	–	–	–
Lubricants	280	179	3,289	10	516	4,273	138
Waxes	64	14	25	–	4	107	3
Petroleum Coke	447	57	17,786	–	3,692	21,982	709
Asphalt and Road Oil	60	20	310	1	26	418	13
Miscellaneous Products	17	1	90	0	1	108	3
Total	9,915	14,971	321,496	74	12,048	358,505	11,565

-- = Not Applicable.

– = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, January 2023
(Thousand Barrels)

Destination	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	-	-	-	6	-	0	0	-	-	-
Australia	872	1	-	2	-	-	-	-	-	-
Bahamas	-	53	-	0	-	323	323	-	1,318	1,318
Bahrain	-	-	-	0	-	-	-	-	-	-
Belgium	-	1,768	-	186	-	-	-	-	-	-
Belize	-	38	-	-	-	-	-	-	-	-
Brazil	754	264	-	537	-	-	-	-	-	-
Canada	10,394	7,221	-	2,551	-	333	333	-	593	593
Cayman Islands	-	7	-	-	-	10	10	-	0	0
Chile	699	416	-	106	-	850	850	-	-	-
China	8,562	11,854	-	3	-	-	-	-	0	0
Colombia	1,227	66	-	881	-	1,199	1,199	-	-	-
Costa Rica	-	147	-	24	-	1,214	1,214	0	-	0
Denmark	1,950	-	-	-	-	-	-	-	-	-
Dominican Republic	501	1,229	-	56	-	546	546	-	-	-
Ecuador	-	1,070	-	300	-	617	617	-	-	-
Egypt	-	1,159	-	-	-	-	-	-	-	-
El Salvador	-	239	-	-	-	513	513	-	-	-
Finland	719	134	-	-	-	-	-	-	-	-
France	5,358	637	-	25	-	0	0	-	-	-
Germany	4,333	-	-	1	-	-	-	-	-	-
Ghana	-	-	-	0	-	-	-	-	-	-
Gibraltar	-	528	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	-	-	-	-	-
Guatemala	-	413	-	5	-	2,170	2,170	-	-	-
Honduras	-	589	-	9	-	797	797	-	1	1
Hong Kong	-	245	-	0	-	-	-	-	-	-
India	3,699	2,901	-	17	-	-	-	-	-	-
Indonesia	1,490	4,286	-	-	-	-	-	-	-	-
Ireland	1,268	-	-	-	-	-	-	-	-	-
Israel	746	0	-	3	-	-	-	-	-	-
Italy	5,368	1,335	-	-	-	-	-	-	-	-
Jamaica	-	98	-	-	-	100	100	0	-	0
Japan	1,025	15,810	-	1	-	-	-	1	-	1
Korea, South	12,409	4,179	-	1	-	0	0	0	1	1
Lebanon	-	-	-	-	-	0	0	-	-	-
Mexico	-	7,273	-	664	-	15,917	15,917	21	775	797
Montenegro	-	-	-	-	-	-	-	-	-	-
Morocco	-	2,349	-	-	-	-	-	-	-	-
Mozambique	-	-	-	-	-	-	-	-	-	-
Netherlands	11,381	1,608	-	17	-	-	-	-	-	-
New Zealand	-	-	-	0	-	-	-	-	-	-
Nicaragua	272	155	-	-	-	62	62	-	-	-
Nigeria	-	709	-	0	-	-	-	-	-	-
Norway	2,048	1,769	-	152	-	-	-	-	-	-
Pakistan	-	-	-	-	-	0	0	-	-	-
Panama	-	310	-	0	-	1,014	1,014	-	0	0
Peru	806	517	-	6	-	392	392	-	-	-
Philippines	-	-	-	0	-	136	136	-	-	-
Portugal	266	-	-	-	-	-	-	-	-	-
Puerto Rico	-	1	-	0	-	2	2	-	0	0
Romania	-	-	-	1	-	-	-	-	-	-
Saudi Arabia	-	-	-	1	-	-	-	-	-	-
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-	-	-
Singapore	8,274	58	-	7	-	0	0	-	-	-
South Africa	-	400	-	7	-	-	-	-	315	315
Spain	2,965	409	-	12	-	-	-	-	-	-
Switzerland	-	-	-	-	-	-	-	-	-	-
Taiwan	4,857	-	-	2	-	-	-	-	-	-
Thailand	250	-	-	1	-	-	-	-	-	-
Trinidad and Tobago	-	1	-	-	-	0	0	-	-	-
Turkiye	-	1,418	-	0	-	-	-	0	-	0
United Arab Emirates	-	1	-	0	-	2	2	0	-	0
United Kingdom	8,276	1,120	-	0	-	0	0	-	-	-
Venezuela	-	-	-	449	-	-	-	-	-	-
Other	4,917	4,419	-	226	-	363	363	1	-	1
Total	105,686	79,204	-	6,259	-	26,560	26,560	23	3,003	3,027

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, January 2023
(Thousand Barrels) — Continued

Destination	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
Argentina	—	—	NA	NA	1,048	—	0	—	1,048	—	—
Australia	0	—	NA	NA	—	—	—	—	—	—	—
Bahamas	0	—	NA	NA	237	—	200	—	437	—	—
Bahrain	1	—	NA	NA	—	—	—	—	—	—	—
Belgium	—	—	NA	NA	321	—	—	—	321	0	—
Belize	—	—	NA	NA	50	43	—	—	93	—	—
Brazil	0	—	NA	NA	2,020	—	—	—	2,020	295	—
Canada	1,111	77	NA	NA	1	198	68	—	267	3	—
Cayman Islands	—	—	NA	NA	49	—	—	—	49	—	—
Chile	0	—	NA	NA	2,147	—	—	—	2,147	0	—
China	3	—	NA	NA	2	—	—	—	2	—	—
Colombia	119	—	NA	NA	412	—	—	—	412	0	—
Costa Rica	—	—	NA	NA	817	—	—	—	817	0	—
Denmark	—	—	NA	NA	—	—	—	—	—	—	—
Dominican Republic	1	—	NA	NA	242	—	60	—	302	0	—
Ecuador	—	—	NA	NA	1,437	0	264	—	1,701	—	—
Egypt	0	—	NA	NA	0	—	—	—	0	—	—
El Salvador	0	—	NA	NA	3	341	—	—	343	0	—
Finland	16	—	NA	NA	—	—	—	—	—	—	—
France	—	—	NA	NA	—	—	—	—	—	—	—
Germany	0	1	NA	NA	—	—	—	—	—	—	—
Ghana	—	—	NA	NA	—	—	—	—	—	—	—
Gibraltar	—	—	NA	NA	—	—	—	—	—	—	—
Greece	—	—	NA	NA	—	—	—	—	—	—	—
Guatemala	—	—	NA	NA	49	1,200	103	—	1,352	0	—
Honduras	0	—	NA	NA	150	150	131	—	431	0	—
Hong Kong	—	—	NA	NA	—	—	—	—	—	—	—
India	202	—	NA	NA	0	—	0	—	0	—	—
Indonesia	0	0	NA	NA	—	—	—	—	—	—	—
Ireland	—	—	NA	NA	—	—	—	—	—	—	—
Israel	0	—	NA	NA	—	—	—	—	—	—	—
Italy	—	—	NA	NA	—	—	—	—	—	—	—
Jamaica	13	—	NA	NA	329	—	50	—	379	—	—
Japan	0	—	NA	NA	0	—	—	—	0	—	—
Korea, South	345	—	NA	NA	0	—	—	—	0	—	—
Lebanon	—	—	NA	NA	—	—	—	—	—	—	—
Mexico	114	0	NA	NA	9,096	200	3	—	9,299	0	—
Montenegro	—	—	NA	NA	—	—	—	—	—	—	—
Morocco	—	—	NA	NA	—	—	—	—	—	—	—
Mozambique	—	—	NA	NA	—	—	—	—	—	—	—
Netherlands	175	—	NA	NA	1,226	—	—	—	1,226	—	—
New Zealand	—	—	NA	NA	—	—	—	—	—	—	—
Nicaragua	—	—	NA	NA	129	120	—	—	249	20	—
Nigeria	—	—	NA	NA	0	—	—	—	0	—	—
Norway	33	1	NA	NA	148	—	—	—	148	—	—
Pakistan	—	—	NA	NA	—	—	—	—	—	—	—
Panama	—	—	NA	NA	1,049	241	15	—	1,305	1	—
Peru	58	83	NA	NA	1,486	—	—	—	1,486	—	—
Philippines	—	—	NA	NA	—	—	—	—	—	0	—
Portugal	—	—	NA	NA	—	—	—	—	—	—	—
Puerto Rico	4	—	NA	NA	151	—	—	—	151	—	—
Romania	—	—	NA	NA	—	—	—	—	—	—	—
Saudi Arabia	80	—	NA	NA	—	—	—	—	—	0	—
Serbia (Excludes Kosovo) ..	—	—	NA	NA	—	—	—	—	—	—	—
Singapore	0	2	NA	NA	204	0	484	—	687	—	—
South Africa	—	—	NA	NA	—	—	—	—	—	—	—
Spain	26	—	NA	NA	—	—	—	—	—	—	—
Switzerland	2	—	NA	NA	—	—	—	—	—	—	—
Taiwan	0	—	NA	NA	0	—	—	—	0	—	—
Thailand	—	—	NA	NA	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	NA	NA	119	—	—	—	119	—	—
Turkiye	—	—	NA	NA	—	—	—	—	—	—	—
United Arab Emirates	0	—	NA	NA	0	—	—	—	0	0	—
United Kingdom	426	—	NA	NA	—	—	—	—	—	—	—
Venezuela	0	—	NA	NA	2	—	—	—	2	—	—
Other	61	—	NA	NA	509	472	219	—	1,203	2	—
Total	2,790	164	NA	NA	23,433	2,965	1,597	—	27,996	321	—

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, January 2023
(Thousand Barrels) — Continued

Destination	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
Argentina	-	-	-	-	-	59	-	-
Australia	-	-	-	-	-	-	1	155
Bahamas	-	82	-	688	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	242
Belize	-	-	-	-	-	-	-	-
Brazil	-	309	-	130	-	-	1	1,803
Canada	-	1,330	-	94	-	2	98	1,036
Cayman Islands	-	9	-	-	-	-	-	-
Chile	-	350	-	590	-	-	0	0
China	-	-	-	3	-	-	3	3,676
Colombia	-	-	-	-	-	-	0	0
Costa Rica	-	240	-	114	-	-	0	-
Denmark	-	-	-	-	-	-	-	-
Dominican Republic	-	301	-	154	-	-	0	213
Ecuador	-	-	-	-	-	-	0	200
Egypt	-	-	-	-	-	-	-	275
El Salvador	-	32	-	-	-	-	-	275
Finland	-	-	-	-	-	-	-	-
France	-	-	-	270	-	-	0	179
Germany	-	-	-	-	-	-	2	0
Ghana	-	-	-	-	-	-	-	46
Gibraltar	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	-	-	416
Guatemala	-	233	-	-	-	-	0	736
Honduras	-	43	-	-	-	-	0	291
Hong Kong	-	-	-	-	-	-	0	299
India	-	-	-	0	-	831	1	2,762
Indonesia	-	-	-	-	-	-	0	-
Ireland	-	-	-	-	-	-	-	0
Israel	-	0	-	-	-	-	-	325
Italy	-	-	-	-	-	-	0	762
Jamaica	-	270	-	-	-	-	0	-
Japan	-	-	-	0	-	-	0	1,119
Korea, South	-	-	-	-	-	-	0	292
Lebanon	-	-	-	-	-	-	-	-
Mexico	-	1,665	-	128	-	70	16	755
Montenegro	-	-	-	-	-	-	-	-
Morocco	-	-	-	-	-	-	-	696
Mozambique	-	-	-	-	-	-	-	107
Netherlands	-	-	-	132	-	-	1	201
New Zealand	-	-	-	-	-	-	-	-
Nicaragua	-	0	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	0	-
Norway	-	-	-	-	-	-	-	126
Pakistan	-	-	-	-	-	-	-	-
Panama	-	450	-	582	-	-	0	-
Peru	-	196	-	-	-	-	0	-
Philippines	-	-	-	-	-	-	0	269
Portugal	-	-	-	-	-	-	0	-
Puerto Rico	-	1	-	-	-	-	0	-
Romania	-	-	-	-	-	-	-	138
Saudi Arabia	-	-	-	-	-	-	0	-
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-
Singapore	-	0	-	-	-	100	0	-
South Africa	-	-	-	0	-	-	-	102
Spain	-	-	-	-	-	-	1	464
Switzerland	-	-	-	-	-	-	0	-
Taiwan	-	-	-	-	-	-	0	-
Thailand	-	-	-	0	-	242	0	-
Trinidad and Tobago	-	120	-	-	-	-	-	0
Turkiye	-	-	-	-	-	-	0	1,071
United Arab Emirates	-	-	-	-	-	-	0	-
United Kingdom	-	-	-	0	-	-	0	200
Venezuela	-	0	-	-	-	-	-	-
Other	-	377	-	407	-	1	1	960
Total	-	6,008	-	3,292	-	1,305	125	20,191

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, January 2023
(Thousand Barrels) — Continued

Destination	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
						Crude Oil	Products	Total
Argentina	—	11	24	1,147	1,147	—	37	37
Australia	0	4	0	164	1,036	28	5	33
Bahamas	3	4	1	2,909	2,909	—	94	94
Bahrain	0	0	—	1	1	—	0	0
Belgium	0	488	1	3,006	3,006	—	97	97
Belize	—	1	—	132	132	—	4	4
Brazil	0	366	1	5,726	6,479	24	185	209
Canada	184	259	8	15,167	25,562	335	489	825
Cayman Islands	1	1	—	78	78	—	3	3
Chile	122	116	—	4,697	5,397	23	152	174
China	3	10	1	15,558	24,120	276	502	778
Colombia	—	90	0	2,768	3,995	40	89	129
Costa Rica	38	16	—	2,611	2,611	—	84	84
Denmark	—	—	—	—	1,950	63	—	63
Dominican Republic	0	24	—	2,826	3,326	16	91	107
Ecuador	0	47	9	3,944	3,944	—	127	127
Egypt	—	0	—	1,434	1,434	—	46	46
El Salvador	—	53	—	1,455	1,455	—	47	47
Finland	—	0	—	150	869	23	5	28
France	—	59	—	1,170	6,528	173	38	211
Germany	4	2	—	11	4,344	140	0	140
Ghana	—	0	—	46	46	—	1	1
Gibraltar	—	—	—	528	528	—	17	17
Greece	—	0	—	416	416	—	13	13
Guatemala	—	13	25	4,947	4,947	—	160	160
Honduras	34	6	—	2,201	2,201	—	71	71
Hong Kong	—	0	0	544	544	—	18	18
India	0	45	0	6,759	10,458	119	218	337
Indonesia	0	1	0	4,287	5,777	48	138	186
Ireland	—	—	—	0	1,268	41	0	41
Israel	—	37	0	366	1,112	24	12	36
Italy	—	0	0	2,097	7,465	173	68	241
Jamaica	—	3	0	863	863	—	28	28
Japan	1	15	4	16,953	17,978	33	547	580
Korea, South	—	13	1	4,832	17,241	400	156	556
Lebanon	—	1	—	1	1	—	0	0
Mexico	78	842	26	37,644	37,644	—	1,214	1,214
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	0	—	3,045	3,045	—	98	98
Mozambique	—	—	—	107	107	—	3	3
Netherlands	1	86	0	3,447	14,828	367	111	478
New Zealand	98	1	—	99	99	—	3	3
Nicaragua	—	2	—	489	761	9	16	25
Nigeria	182	0	—	892	892	—	29	29
Norway	—	1	—	2,229	4,277	66	72	138
Pakistan	—	—	—	0	0	—	0	0
Panama	—	20	—	3,682	3,682	—	119	119
Peru	—	75	—	2,812	3,618	26	91	117
Philippines	—	0	0	406	406	—	13	13
Portugal	—	—	—	0	266	9	0	9
Puerto Rico	0	11	—	172	172	—	6	6
Romania	—	0	—	139	139	—	4	4
Saudi Arabia	—	7	—	88	88	—	3	3
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—
Singapore	0	14	0	868	9,142	267	28	295
South Africa	—	59	—	883	883	—	28	28
Spain	—	2	—	913	3,879	96	29	125
Switzerland	—	0	—	2	2	—	0	0
Taiwan	—	3	0	6	4,863	157	0	157
Thailand	1	3	—	247	497	8	8	16
Trinidad and Tobago	0	2	—	242	242	—	8	8
Turkiye	0	0	—	2,490	2,490	—	80	80
United Arab Emirates	0	21	—	25	25	—	1	1
United Kingdom	—	4	—	1,749	10,025	267	56	323
Venezuela	—	9	—	460	460	—	15	15
Other	34	37	1	8,083	12,999	158	262	420
Total	784	2,884	102	181,013	286,699	3,409	5,839	9,248

-- = Not Applicable.

- = No Data Reported.

1 On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

2 EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, February 2023
(Thousand Barrels)

Destination	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	—	0	—	132	—	44	44	—	—	—
Australia	724	583	—	5	—	0	0	—	—	—
Bahamas	—	43	—	0	—	348	348	—	1	1
Bahrain	—	—	—	0	—	—	—	—	—	—
Belgium	—	1,807	—	335	—	—	—	—	—	—
Belize	—	25	—	—	—	47	47	—	—	—
Brazil	886	65	—	1,411	—	653	653	—	—	—
Canada	9,603	7,025	—	2,592	—	1,214	1,214	—	587	587
Cayman Islands	—	—	—	—	—	8	8	0	—	0
Chile	0	1,519	—	2	—	514	514	—	—	—
China	14,148	10,862	—	4	—	—	—	—	—	—
Colombia	1,248	58	—	603	—	600	600	—	—	—
Costa Rica	—	68	—	2	—	315	315	—	—	—
Denmark	1,948	—	—	56	—	—	—	—	—	—
Dominican Republic	501	614	—	0	—	421	421	0	0	0
Ecuador	—	1,071	—	11	—	324	324	—	—	—
Egypt	—	1,251	—	—	—	—	—	—	—	—
El Salvador	—	389	—	0	—	452	452	—	1	1
Finland	723	—	—	—	—	—	—	—	—	—
France	4,219	665	—	16	—	—	—	—	—	—
Germany	3,442	111	—	6	—	—	—	—	—	—
Ghana	—	242	—	—	—	—	—	—	—	—
Gibraltar	—	529	—	—	—	—	—	—	—	—
Greece	—	—	—	—	—	—	—	—	—	—
Guatemala	—	1	—	4	—	1,287	1,287	—	—	—
Honduras	—	349	—	1	—	532	532	—	—	—
Hong Kong	—	—	—	—	—	1	1	—	—	—
India	2,514	4,018	—	12	—	—	—	—	—	—
Indonesia	209	2,568	—	0	—	—	—	—	—	—
Ireland	603	—	—	—	—	0	0	1	—	1
Israel	—	0	—	—	—	0	0	—	—	—
Italy	3,021	—	—	0	—	—	—	—	—	—
Jamaica	—	107	—	—	—	19	19	—	—	—
Japan	—	14,804	—	343	—	0	0	—	—	—
Korea, South	10,154	7,454	—	0	—	0	0	0	0	0
Lebanon	—	—	—	—	—	—	—	—	—	—
Mexico	—	4,623	—	450	—	12,958	12,958	53	137	190
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	—	1,213	—	—	—	—	—	—	—	—
Mozambique	—	—	—	—	—	—	—	—	—	—
Netherlands	11,650	1,870	—	424	—	1	1	—	—	—
New Zealand	—	0	—	—	—	0	0	—	—	—
Nicaragua	274	—	—	0	—	52	52	—	—	—
Nigeria	—	218	—	—	—	—	—	—	—	—
Norway	1,217	1,561	—	271	—	—	—	—	—	—
Pakistan	—	—	—	—	—	—	—	—	—	—
Panama	1,983	190	—	0	—	422	422	—	300	300
Peru	—	141	—	250	—	754	754	—	0	0
Philippines	—	—	—	1	—	—	—	—	—	—
Portugal	697	265	—	—	—	—	—	—	—	—
Puerto Rico	—	1	—	2	—	1	1	—	—	—
Romania	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—	—	—
Singapore	13,827	1,389	—	0	—	0	0	0	—	0
South Africa	—	238	—	3	—	—	—	—	—	—
Spain	3,456	1,252	—	—	—	—	—	—	—	—
Switzerland	—	—	—	0	—	—	—	—	—	—
Taiwan	9,060	—	—	0	—	—	—	—	—	—
Thailand	3,105	—	—	1	—	—	—	—	—	—
Trinidad and Tobago	—	1	—	0	—	0	0	—	—	—
Turkiye	—	590	—	0	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	1	1	—	—	—
United Kingdom	10,621	413	—	225	—	1	1	—	—	—
Venezuela	—	0	—	449	—	—	—	—	—	—
Other	5,333	2,286	—	16	—	411	411	—	1	—
Total	115,166	72,479	—	7,627	—	21,380	21,380	54	1,027	1,080

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, February 2023
(Thousand Barrels) — Continued

Destination	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
Argentina	—	—	NA	NA	251	—	669	—	920	0	—
Australia	0	—	NA	NA	0	—	—	—	0	—	—
Bahamas	—	—	NA	NA	141	—	230	—	372	—	—
Bahrain	—	—	NA	NA	—	—	—	—	—	—	—
Belgium	0	—	NA	NA	327	—	—	—	327	—	—
Belize	—	—	NA	NA	4	34	—	—	38	—	—
Brazil	1	—	NA	NA	1,712	250	—	—	1,962	—	—
Canada	984	116	NA	NA	2	237	13	—	252	2	—
Cayman Islands	—	—	NA	NA	—	—	—	—	—	—	—
Chile	0	—	NA	NA	2,265	—	—	—	2,265	—	—
China	0	—	NA	NA	1	—	—	—	1	—	—
Colombia	31	—	NA	NA	328	—	—	—	328	0	—
Costa Rica	0	—	NA	NA	487	—	—	—	487	0	—
Denmark	—	—	NA	NA	—	—	—	—	—	—	—
Dominican Republic	—	—	NA	NA	501	—	385	—	886	—	—
Ecuador	—	—	NA	NA	2,197	284	—	—	2,481	—	—
Egypt	—	—	NA	NA	—	—	—	—	—	—	—
El Salvador	—	—	NA	NA	114	122	—	—	236	0	—
Finland	—	—	NA	NA	—	—	—	—	—	—	—
France	0	—	NA	NA	—	—	—	—	—	0	—
Germany	—	3	NA	NA	—	—	—	—	—	—	—
Ghana	—	—	NA	NA	—	—	—	—	—	—	—
Gibraltar	—	—	NA	NA	—	—	—	—	—	—	—
Greece	33	—	NA	NA	—	—	—	—	—	—	—
Guatemala	0	—	NA	NA	537	396	—	—	933	—	—
Honduras	—	—	NA	NA	75	400	—	—	475	—	—
Hong Kong	—	—	NA	NA	—	—	—	—	—	—	—
India	1	—	NA	NA	—	—	—	—	—	—	—
Indonesia	0	—	NA	NA	—	—	—	—	—	—	—
Ireland	—	—	NA	NA	—	—	—	—	—	—	—
Israel	1	—	NA	NA	—	—	—	—	—	—	—
Italy	0	—	NA	NA	—	—	—	—	—	—	—
Jamaica	150	—	NA	NA	10	—	—	—	10	—	—
Japan	0	—	NA	NA	—	—	—	—	—	—	—
Korea, South	335	—	NA	NA	1	—	—	—	1	—	—
Lebanon	—	—	NA	NA	—	—	—	—	—	—	—
Mexico	128	0	NA	NA	6,759	286	3	—	7,047	1	—
Montenegro	—	—	NA	NA	—	—	—	—	—	—	—
Morocco	—	—	NA	NA	—	—	—	—	—	—	—
Mozambique	—	—	NA	NA	—	—	—	—	—	—	—
Netherlands	83	—	NA	NA	594	0	—	—	594	—	—
New Zealand	—	—	NA	NA	—	—	—	—	—	—	—
Nicaragua	—	—	NA	NA	122	115	—	—	237	24	—
Nigeria	135	—	NA	NA	—	—	—	—	—	—	—
Norway	—	—	NA	NA	—	—	—	—	—	—	—
Pakistan	—	—	NA	NA	—	—	—	—	—	—	—
Panama	—	—	NA	NA	1,608	75	0	—	1,683	0	—
Peru	99	31	NA	NA	1,832	—	—	—	1,832	0	—
Philippines	137	—	NA	NA	—	—	—	—	—	—	—
Portugal	—	—	NA	NA	—	—	—	—	—	—	—
Puerto Rico	4	—	NA	NA	142	—	—	—	142	—	—
Romania	0	—	NA	NA	—	—	—	—	—	—	—
Saudi Arabia	—	—	NA	NA	—	—	—	—	—	—	—
Serbia (Excludes Kosovo) ..	—	—	NA	NA	—	—	—	—	—	—	—
Singapore	25	—	NA	NA	64	—	443	—	507	—	—
South Africa	—	—	NA	NA	—	—	—	—	—	—	—
Spain	33	—	NA	NA	—	—	—	—	—	—	—
Switzerland	2	—	NA	NA	—	—	—	—	—	—	—
Taiwan	0	—	NA	NA	—	—	—	—	—	—	—
Thailand	0	—	NA	NA	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	NA	NA	125	—	—	—	125	—	—
Turkiye	—	—	NA	NA	—	—	—	—	—	—	—
United Arab Emirates	121	—	NA	NA	—	—	—	—	—	1	—
United Kingdom	232	0	NA	NA	397	—	—	—	397	—	—
Venezuela	0	—	NA	NA	0	—	—	—	0	—	—
Other	16	—	NA	NA	550	329	570	—	1,449	0	—
Total	2,551	150	NA	NA	21,146	2,528	2,313	—	25,987	27	—

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, February 2023
(Thousand Barrels) — Continued

Destination	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
Argentina	-	-	-	-	-	71	0	-
Australia	-	-	-	-	-	-	1	55
Bahamas	-	88	-	206	-	-	-	-
Bahrain	-	-	-	-	-	-	-	116
Belgium	-	-	-	-	-	-	-	115
Belize	-	15	-	-	-	-	-	-
Brazil	-	-	-	138	-	-	4	1,312
Canada	-	625	-	521	-	2	93	330
Cayman Islands	-	12	-	-	-	-	-	-
Chile	-	375	-	301	-	-	0	-
China	-	-	-	2	-	-	5	3,821
Colombia	-	-	-	-	-	-	0	0
Costa Rica	-	136	-	-	-	-	-	182
Denmark	-	-	-	-	-	-	-	-
Dominican Republic	-	121	-	-	-	-	0	-
Ecuador	-	-	-	-	-	-	0	165
Egypt	-	-	-	0	-	177	-	-
El Salvador	-	34	-	-	-	-	0	-
Finland	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	0	-
Germany	-	-	-	0	-	-	2	-
Ghana	-	-	-	-	-	-	-	-
Gibraltar	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	-	-	-
Guatemala	-	137	-	-	-	-	0	-
Honduras	-	61	-	-	-	-	0	-
Hong Kong	-	-	-	-	-	-	0	-
India	-	0	-	-	-	303	1	2,931
Indonesia	-	-	-	-	-	-	0	-
Ireland	-	-	-	-	-	-	-	-
Israel	-	333	-	-	-	-	0	-
Italy	-	-	-	-	-	97	0	466
Jamaica	-	110	-	101	-	-	0	-
Japan	-	-	-	1	-	-	1	972
Korea, South	-	-	-	285	-	-	1	0
Lebanon	-	-	-	-	-	-	-	-
Mexico	-	1,892	-	309	-	58	20	1,937
Montenegro	-	-	-	-	-	-	-	-
Morocco	-	-	-	-	-	-	-	163
Mozambique	-	-	-	-	-	-	-	41
Netherlands	-	-	-	755	-	-	1	11
New Zealand	-	-	-	-	-	-	0	99
Nicaragua	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	0	77
Pakistan	-	-	-	-	-	-	-	-
Panama	-	306	-	27	-	-	-	-
Peru	-	206	-	0	-	-	0	0
Philippines	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-
Puerto Rico	-	135	-	-	-	-	0	-
Romania	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	0	1
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	435	0	-
South Africa	-	-	-	-	-	-	-	41
Spain	-	-	-	-	-	-	0	108
Switzerland	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	0	-
Thailand	-	-	-	-	-	86	0	0
Trinidad and Tobago	-	120	-	-	-	-	-	0
Turkiye	-	-	-	1	-	-	-	511
United Arab Emirates	-	-	-	-	-	-	0	327
United Kingdom	-	-	-	-	-	-	0	-
Venezuela	-	0	-	-	-	-	-	-
Other	-	273	-	785	-	0	2	939
Total	-	4,979	-	3,432	-	1,228	131	14,720

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, February 2023
(Thousand Barrels) — Continued

Destination	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
						Crude Oil	Products	Total
Argentina	72	59	—	1,297	1,297	—	46	46
Australia	—	6	0	650	1,374	26	23	49
Bahamas	2	2	0	1,062	1,062	—	38	38
Bahrain	—	0	—	116	116	—	4	4
Belgium	0	143	1	2,729	2,729	—	97	97
Belize	—	0	—	125	125	—	4	4
Brazil	0	234	0	5,779	6,665	32	206	238
Canada	84	230	10	14,666	24,270	343	524	867
Cayman Islands	0	1	—	21	21	—	1	1
Chile	0	27	0	5,004	5,004	0	179	179
China	1	7	1	14,703	28,851	505	525	1,030
Colombia	0	81	0	1,702	2,951	45	61	105
Costa Rica	38	15	—	1,244	1,244	—	44	44
Denmark	—	0	—	56	2,004	70	2	72
Dominican Republic	90	11	0	2,145	2,646	18	77	94
Ecuador	0	28	—	4,080	4,080	—	146	146
Egypt	—	0	—	1,428	1,428	—	51	51
El Salvador	—	6	—	1,118	1,118	—	40	40
Finland	—	1	—	1	724	26	0	26
France	—	1	—	682	4,902	151	24	175
Germany	3	2	0	127	3,569	123	5	127
Ghana	—	0	—	243	243	—	9	9
Gibraltar	—	—	—	529	529	—	19	19
Greece	—	1	—	34	34	—	1	1
Guatemala	—	9	—	2,370	2,370	—	85	85
Honduras	—	9	—	1,427	1,427	—	51	51
Hong Kong	—	1	—	2	2	—	0	0
India	1	43	0	7,309	9,823	90	261	351
Indonesia	0	1	0	2,570	2,779	7	92	99
Ireland	—	—	—	1	604	22	0	22
Israel	—	1	0	336	336	—	12	12
Italy	—	0	—	563	3,584	108	20	128
Jamaica	—	4	0	501	501	—	18	18
Japan	1	5	3	16,129	16,129	—	576	576
Korea, South	—	14	0	8,091	18,245	363	289	652
Lebanon	—	1	—	1	1	—	0	0
Mexico	160	945	33	30,751	30,751	—	1,098	1,098
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	—	—	1,376	1,376	—	49	49
Mozambique	—	—	—	41	41	—	1	1
Netherlands	1	2	0	3,741	15,392	416	134	550
New Zealand	—	0	—	100	100	—	4	4
Nicaragua	—	3	—	316	590	10	11	21
Nigeria	—	65	—	419	419	—	15	15
Norway	—	0	—	1,910	3,127	43	68	112
Pakistan	—	—	—	—	—	—	—	—
Panama	43	8	—	2,978	4,961	71	106	177
Peru	—	31	0	3,345	3,345	—	119	119
Philippines	—	1	0	139	139	—	5	5
Portugal	—	—	—	265	962	25	9	34
Puerto Rico	1	11	—	296	296	—	11	11
Romania	—	—	—	0	0	—	0	0
Saudi Arabia	—	10	—	11	11	—	0	0
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—
Singapore	0	1	0	2,357	16,184	494	84	578
South Africa	—	51	—	334	334	—	12	12
Spain	—	3	—	1,396	4,852	123	50	173
Switzerland	1	0	—	2	2	—	0	0
Taiwan	—	2	—	2	9,063	324	0	324
Thailand	1	7	0	96	3,201	111	3	114
Trinidad and Tobago	0	2	—	249	249	—	9	9
Turkiye	0	46	—	1,148	1,148	—	41	41
United Arab Emirates	2	91	—	542	542	—	19	19
United Kingdom	—	1	0	1,269	11,891	379	45	425
Venezuela	—	7	—	456	456	—	16	16
Other	10	35	4	6,220	11,547	188	225	414
Total	511	2,265	52	158,600	273,766	4,113	5,664	9,777

-- = Not Applicable.

- = No Data Reported.

1 On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

2 EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, March 2023
(Thousand Barrels)

Destination	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	-	-	-	122	-	80	80	-	-	-
Australia	2,261	0	-	1	-	-	-	1	0	1
Bahamas	-	44	-	476	-	48	48	-	388	388
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	2,640	-	666	-	-	-	-	-	-
Belize	-	26	-	-	-	46	46	-	-	-
Brazil	3,169	588	-	1,065	-	-	-	-	0	0
Canada	9,140	6,179	-	2,499	-	861	861	-	1,349	1,349
Cayman Islands	-	0	-	-	-	33	33	-	0	0
Chile	-	828	-	121	-	735	735	-	-	-
China	23,322	16,520	-	13	-	-	-	-	-	-
Colombia	1,274	66	-	1,290	-	299	299	-	-	-
Costa Rica	-	42	-	12	-	570	570	-	-	-
Denmark	2,746	-	-	-	-	-	-	0	-	0
Dominican Republic	448	1,838	-	93	-	489	489	-	-	-
Ecuador	-	1,074	-	0	-	600	600	-	299	299
Egypt	-	1,892	-	-	-	-	-	-	-	-
El Salvador	-	239	-	0	-	451	451	-	-	-
Finland	734	519	-	-	-	-	-	-	-	-
France	4,993	1,174	-	17	-	-	-	-	-	-
Germany	3,213	111	-	5	-	-	-	-	-	-
Ghana	-	0	-	-	-	-	-	-	-	-
Gibraltar	-	158	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	0	0	-	-	-
Guatemala	-	827	-	1	-	1,845	1,845	-	-	-
Honduras	-	713	-	-	-	589	589	-	-	-
Hong Kong	-	-	-	4	-	-	-	-	-	-
India	7,663	3,093	-	0	-	-	-	-	-	-
Indonesia	630	2,711	-	0	-	-	-	-	-	-
Ireland	619	-	-	-	-	-	-	-	-	-
Israel	-	0	-	0	-	0	0	-	-	-
Italy	4,978	269	-	8	-	-	-	-	-	-
Jamaica	-	110	-	-	-	348	348	-	-	-
Japan	-	16,756	-	329	-	0	0	0	-	0
Korea, South	10,688	6,565	-	3	-	0	0	-	13	13
Lebanon	-	-	-	-	-	-	-	-	-	-
Mexico	-	7,442	-	703	-	16,265	16,265	34	872	906
Montenegro	-	-	-	-	-	-	-	-	-	-
Morocco	-	2,310	-	-	-	-	-	-	-	-
Mozambique	-	-	-	-	-	-	-	-	-	-
Netherlands	14,241	3,002	-	1,167	-	0	0	-	-	-
New Zealand	-	-	-	-	-	-	-	-	-	-
Nicaragua	550	-	-	-	-	45	45	-	-	-
Nigeria	-	615	-	0	-	-	-	-	-	-
Norway	1,014	1,415	-	-	-	-	-	-	-	-
Pakistan	-	-	-	-	-	0	0	-	-	-
Panama	2,788	352	-	-	-	502	502	0	0	0
Peru	1,109	508	-	281	-	414	414	-	-	-
Philippines	-	-	-	0	-	-	-	-	-	-
Portugal	796	414	-	-	-	-	-	-	-	-
Puerto Rico	-	2	-	0	-	3	3	-	0	0
Romania	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	0	-	-	-	-	-	-
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-	-	-
Singapore	1,211	890	-	1	-	-	-	-	-	-
South Africa	-	683	-	-	-	-	-	-	-	-
Spain	6,796	575	-	0	-	-	-	-	-	-
Switzerland	-	-	-	-	-	-	-	-	-	-
Taiwan	7,569	-	-	1	-	1	1	0	-	0
Thailand	3,673	0	-	2	-	-	-	-	-	-
Trinidad and Tobago	-	0	-	0	-	0	0	-	-	-
Turkiye	829	0	-	-	-	-	-	-	-	-
United Arab Emirates	-	0	-	-	-	0	0	0	-	0
United Kingdom	14,239	1,545	-	50	-	1	1	-	-	-
Venezuela	-	0	-	-	-	0	0	0	-	0
Other	6,095	6,487	-	83	-	513	513	1	-	1
Total	136,788	91,222	-	9,013	-	24,738	24,738	36	2,921	2,957

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, March 2023
(Thousand Barrels) — Continued

Destination	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
Argentina	0	—	NA	NA	631	0	600	—	1,231	—	—
Australia	0	—	NA	NA	—	—	—	—	—	—	—
Bahamas	—	—	NA	NA	199	—	269	—	468	5	—
Bahrain	—	—	NA	NA	—	—	—	—	—	—	—
Belgium	1	—	NA	NA	310	—	—	—	310	—	—
Belize	0	—	NA	NA	2	35	1	—	38	—	—
Brazil	0	—	NA	NA	1,122	—	—	—	1,122	—	—
Canada	1,243	227	NA	NA	0	224	28	—	252	4	—
Cayman Islands	0	—	NA	NA	67	—	—	—	67	—	—
Chile	—	—	NA	NA	4,847	—	—	—	4,847	0	—
China	0	—	NA	NA	—	—	—	—	—	—	—
Colombia	48	—	NA	NA	820	—	—	—	820	0	—
Costa Rica	0	—	NA	NA	720	—	—	—	720	0	—
Denmark	—	—	NA	NA	0	—	—	—	0	—	—
Dominican Republic	0	—	NA	NA	605	—	45	—	650	0	—
Ecuador	0	—	NA	NA	2,507	285	—	—	2,792	—	—
Egypt	—	—	NA	NA	—	—	—	—	—	—	—
El Salvador	0	—	NA	NA	82	321	—	—	403	0	—
Finland	—	—	NA	NA	—	—	—	—	—	—	—
France	0	—	NA	NA	1	—	—	—	1	—	—
Germany	0	2	NA	NA	—	—	—	—	—	0	—
Ghana	—	—	NA	NA	—	—	—	—	—	—	—
Gibraltar	—	—	NA	NA	327	—	—	—	327	—	—
Greece	0	—	NA	NA	—	—	—	—	—	—	—
Guatemala	—	—	NA	NA	183	1,151	—	—	1,334	0	—
Honduras	—	—	NA	NA	130	282	—	—	412	0	—
Hong Kong	0	—	NA	NA	—	—	—	—	—	—	—
India	428	—	NA	NA	0	—	—	—	0	—	—
Indonesia	—	—	NA	NA	—	—	—	—	—	—	—
Ireland	—	—	NA	NA	—	—	—	—	—	—	—
Israel	0	—	NA	NA	—	—	—	—	—	—	—
Italy	—	—	NA	NA	—	—	—	—	—	—	—
Jamaica	50	—	NA	NA	80	—	—	—	80	—	—
Japan	0	—	NA	NA	0	—	—	—	0	0	—
Korea, South	149	0	NA	NA	4	—	—	—	4	0	—
Lebanon	—	—	NA	NA	—	—	—	—	—	—	—
Mexico	139	0	NA	NA	10,975	1	2	—	10,978	2	—
Montenegro	—	—	NA	NA	—	—	—	—	—	—	—
Morocco	—	—	NA	NA	349	—	—	—	349	—	—
Mozambique	—	—	NA	NA	—	—	—	—	—	—	—
Netherlands	280	—	NA	NA	0	—	—	—	0	0	—
New Zealand	—	—	NA	NA	—	—	—	—	—	—	—
Nicaragua	—	—	NA	NA	245	198	—	—	443	40	—
Nigeria	—	—	NA	NA	0	—	—	—	0	—	—
Norway	33	1	NA	NA	300	—	—	—	300	—	—
Pakistan	—	—	NA	NA	—	—	—	—	—	—	—
Panama	0	0	NA	NA	1,012	446	20	—	1,478	—	—
Peru	66	29	NA	NA	1,431	—	—	—	1,431	0	—
Philippines	51	—	NA	NA	—	—	—	—	—	—	—
Portugal	—	—	NA	NA	—	—	—	—	—	—	—
Puerto Rico	5	—	NA	NA	175	1	—	—	177	—	—
Romania	—	—	NA	NA	—	—	—	—	—	—	—
Saudi Arabia	81	—	NA	NA	3	—	—	—	3	0	—
Serbia (Excludes Kosovo) ..	—	—	NA	NA	—	—	—	—	—	—	—
Singapore	0	1	NA	NA	30	—	547	—	577	0	—
South Africa	—	—	NA	NA	—	—	—	—	—	—	—
Spain	0	—	NA	NA	—	—	—	—	—	—	—
Switzerland	1	—	NA	NA	—	—	—	—	—	—	—
Taiwan	0	—	NA	NA	0	—	—	—	0	0	—
Thailand	—	—	NA	NA	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	NA	NA	141	—	—	—	141	—	—
Turkiye	—	—	NA	NA	—	—	—	—	—	—	—
United Arab Emirates	0	—	NA	NA	0	—	—	—	0	0	—
United Kingdom	206	—	NA	NA	1,831	—	—	—	1,831	—	—
Venezuela	0	—	NA	NA	—	—	—	—	—	—	—
Other	36	1	NA	NA	1,166	466	202	—	1,833	2	—
Total	2,817	261	NA	NA	30,295	3,410	1,714	—	35,419	53	—

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, March 2023
(Thousand Barrels) — Continued

Destination	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
Argentina	-	-	-	0	-	-	0	119
Australia	-	-	-	-	-	-	1	154
Bahamas	-	45	-	18	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	0	73
Belize	-	10	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	1	1,916
Canada	-	1,011	-	677	-	4	100	434
Cayman Islands	-	40	-	0	-	-	-	-
Chile	-	629	-	285	-	-	0	-
China	-	-	-	4	-	-	3	2,437
Colombia	-	-	-	-	-	-	0	1
Costa Rica	-	332	-	-	-	-	0	-
Denmark	-	-	-	387	-	-	0	-
Dominican Republic	-	431	-	201	-	-	1	180
Ecuador	-	-	-	-	-	-	0	0
Egypt	-	-	-	381	-	176	-	-
El Salvador	-	134	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	0	182
Germany	-	-	-	0	-	-	2	0
Ghana	-	-	-	-	-	-	-	-
Gibraltar	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	-	-	571
Guatemala	-	150	-	-	-	-	0	269
Honduras	-	36	-	-	-	-	-	203
Hong Kong	-	-	-	-	-	-	-	-
India	-	0	-	-	-	552	1	2,004
Indonesia	-	-	-	-	-	-	0	-
Ireland	-	-	-	-	-	-	-	0
Israel	-	-	-	-	-	-	0	-
Italy	-	-	-	-	-	29	0	232
Jamaica	-	160	-	-	-	-	0	0
Japan	-	-	-	0	-	-	1	1,294
Korea, South	-	-	-	274	-	-	0	0
Lebanon	-	-	-	-	-	-	-	-
Mexico	-	1,635	-	208	-	58	19	1,372
Montenegro	-	-	-	-	-	-	-	-
Morocco	-	-	-	-	-	-	-	800
Mozambique	-	-	-	-	-	-	-	96
Netherlands	-	-	-	1,427	-	-	1	363
New Zealand	-	-	-	-	-	-	0	0
Nicaragua	-	0	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	67
Pakistan	-	-	-	-	-	-	-	-
Panama	-	606	-	1,197	-	-	-	-
Peru	-	140	-	-	-	-	-	-
Philippines	-	-	-	-	-	-	0	-
Portugal	-	-	-	537	-	-	-	383
Puerto Rico	-	131	-	-	-	-	0	-
Romania	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	0	-
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-
South Africa	-	-	-	-	-	136	-	96
Spain	-	-	-	-	-	-	0	497
Switzerland	-	-	-	-	-	-	0	-
Taiwan	-	-	-	-	-	-	0	-
Thailand	-	-	-	-	-	181	0	-
Trinidad and Tobago	-	-	-	65	-	-	-	-
Turkiye	-	-	-	-	-	-	-	786
United Arab Emirates	-	-	-	494	-	-	0	1
United Kingdom	-	0	-	-	-	-	0	-
Venezuela	-	-	-	-	-	-	0	-
Other	-	538	-	538	-	1	4	1,058
Total	-	6,028	-	6,693	-	1,137	134	15,588

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, March 2023
(Thousand Barrels) — Continued

Destination	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
						Crude Oil	Products	Total
Argentina	1	40	0	1,594	1,594	—	51	51
Australia	0	6	1	164	2,426	73	5	78
Bahamas	4	4	0	1,500	1,500	—	48	48
Bahrain	—	0	—	0	0	—	0	0
Belgium	0	412	1	4,103	4,103	—	132	132
Belize	—	0	—	120	120	—	4	4
Brazil	0	290	1	4,983	8,152	102	161	263
Canada	146	272	8	15,265	24,404	295	492	787
Cayman Islands	1	1	—	143	143	—	5	5
Chile	0	125	—	7,569	7,569	—	244	244
China	3	9	0	18,991	42,313	752	613	1,365
Colombia	0	75	0	2,600	3,874	41	84	125
Costa Rica	33	15	—	1,725	1,725	—	56	56
Denmark	—	—	—	388	3,134	89	13	101
Dominican Republic	42	27	0	3,952	4,400	14	127	142
Ecuador	—	47	8	4,820	4,820	—	155	155
Egypt	—	0	—	2,450	2,450	—	79	79
El Salvador	—	7	—	1,235	1,235	—	40	40
Finland	—	0	—	520	1,254	24	17	40
France	—	80	—	1,453	6,446	161	47	208
Germany	1	3	0	125	3,338	104	4	108
Ghana	—	0	—	0	0	—	0	0
Gibraltar	—	—	—	485	485	—	16	16
Greece	—	0	—	571	571	—	18	18
Guatemala	—	22	—	4,447	4,447	—	143	143
Honduras	—	11	0	1,964	1,964	—	63	63
Hong Kong	—	1	0	5	5	—	0	0
India	1	16	1	6,096	13,759	247	197	444
Indonesia	1	2	—	2,715	3,345	20	88	108
Ireland	—	0	—	0	619	20	0	20
Israel	—	352	1	353	353	—	11	11
Italy	—	0	0	538	5,516	161	17	178
Jamaica	—	5	—	752	752	—	24	24
Japan	3	5	3	18,392	18,392	—	593	593
Korea, South	1	15	0	7,024	17,712	345	227	571
Lebanon	—	0	—	0	0	—	0	0
Mexico	202	1,406	33	41,369	41,369	—	1,334	1,334
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	0	—	3,459	3,459	—	112	112
Mozambique	—	0	—	96	96	—	3	3
Netherlands	0	155	0	6,394	20,636	459	206	666
New Zealand	71	1	—	72	72	—	2	2
Nicaragua	—	5	—	533	1,083	18	17	35
Nigeria	0	102	—	717	717	—	23	23
Norway	—	0	—	1,815	2,829	33	59	91
Pakistan	—	0	—	0	0	—	0	0
Panama	—	27	—	4,162	6,950	90	134	224
Peru	0	110	0	2,979	4,088	36	96	132
Philippines	—	1	0	52	52	—	2	2
Portugal	—	0	—	1,333	2,129	26	43	69
Puerto Rico	1	20	0	339	339	—	11	11
Romania	—	0	—	0	0	—	0	0
Saudi Arabia	—	13	0	96	96	—	3	3
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—
Singapore	—	3	—	1,472	2,683	39	47	87
South Africa	0	51	—	967	967	—	31	31
Spain	—	1	—	1,074	7,870	219	35	254
Switzerland	—	0	—	1	1	—	0	0
Taiwan	0	4	0	7	7,576	244	0	244
Thailand	1	4	0	187	3,860	118	6	125
Trinidad and Tobago	—	4	0	210	210	—	7	7
Turkiye	—	49	—	836	1,665	27	27	54
United Arab Emirates	2	33	0	531	531	—	17	17
United Kingdom	—	4	—	3,636	17,875	459	117	577
Venezuela	—	14	—	15	15	—	0	0
Other	7	157	4	11,254	17,348	197	367	562
Total	521	4,006	61	200,648	337,436	4,413	6,473	10,885

-- = Not Applicable.

- = No Data Reported.

1 On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

2 EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, April 2023
(Thousand Barrels)

Destination	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	-	-	-	0	-	-	-	-	-	-
Australia	-	551	-	0	-	-	-	-	0	0
Bahamas	-	44	-	270	-	634	634	-	1	1
Bahrain	-	-	-	-	-	1	1	0	-	0
Belgium	-	2,961	-	973	-	-	-	-	-	-
Belize	-	38	-	-	-	290	290	-	-	-
Brazil	164	1,806	-	540	-	326	326	-	-	-
Canada	7,502	6,301	-	2,870	-	556	556	-	266	266
Cayman Islands	-	5	-	-	-	8	8	-	0	0
Chile	-	743	-	211	-	1,568	1,568	-	-	-
China	31,414	10,673	-	2	-	-	-	-	-	-
Colombia	1,223	91	-	972	-	599	599	-	-	-
Costa Rica	-	144	-	7	-	685	685	-	-	-
Denmark	1,338	-	-	-	-	-	-	-	-	-
Dominican Republic	1,071	1,221	-	4	-	903	903	-	-	-
Ecuador	-	1,074	-	-	-	599	599	-	-	-
Egypt	-	1,789	-	-	-	-	-	-	-	-
El Salvador	-	479	-	0	-	503	503	-	-	-
Finland	1,505	0	-	1	-	-	-	-	-	-
France	2,550	259	-	20	-	-	-	-	-	-
Germany	1,966	-	-	4	-	-	-	-	-	-
Ghana	-	526	-	-	-	-	-	-	-	-
Gibraltar	-	436	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	-	-	-	-	-
Guatemala	-	412	-	4	-	1,522	1,522	-	-	-
Honduras	-	667	-	6	-	457	457	-	-	-
Hong Kong	-	-	-	0	-	-	-	-	-	-
India	6,796	3,709	-	0	-	-	-	-	-	-
Indonesia	1,196	2,133	-	0	-	-	-	-	-	-
Ireland	597	-	-	-	-	-	-	-	-	-
Israel	-	-	-	-	-	-	-	-	-	-
Italy	3,935	-	-	-	-	-	-	-	-	-
Jamaica	-	121	-	-	-	136	136	-	0	0
Japan	-	12,216	-	855	-	0	0	-	-	-
Korea, South	11,451	5,101	-	0	-	0	0	-	-	-
Lebanon	-	-	-	-	-	-	-	-	-	-
Mexico	-	6,745	-	777	-	12,482	12,482	62	597	659
Montenegro	-	-	-	-	-	-	-	-	-	-
Morocco	-	2,096	-	-	-	-	-	-	-	-
Mozambique	-	-	-	1	-	-	-	-	-	-
Netherlands	14,718	3,599	-	697	-	1	1	-	-	-
New Zealand	-	-	-	-	-	-	-	-	-	-
Nicaragua	274	-	-	-	-	41	41	-	-	-
Nigeria	-	195	-	1	-	-	-	-	-	-
Norway	-	947	-	130	-	-	-	-	-	-
Pakistan	-	-	-	-	-	-	-	-	-	-
Panama	-	486	-	0	-	627	627	-	0	0
Peru	1,114	574	-	151	-	929	929	-	239	239
Philippines	-	-	-	0	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	5	-	0	-	1	1	-	-	-
Romania	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	1	-	1	1	-	-	-
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-	-	-
Singapore	8,667	1,642	-	11	-	-	-	-	-	-
South Africa	-	537	-	-	-	326	326	-	-	-
Spain	7,302	586	-	24	-	-	-	-	-	-
Switzerland	-	-	-	0	-	-	-	-	-	-
Taiwan	6,038	581	-	1	-	0	0	-	-	-
Thailand	801	-	-	1	-	-	-	-	-	-
Trinidad and Tobago	-	0	-	1	-	1	1	-	-	-
Turkiye	-	1,086	-	-	-	-	-	-	-	-
United Arab Emirates	-	1	-	0	-	1	1	0	-	0
United Kingdom	9,309	1,364	-	279	-	1	1	-	-	-
Venezuela	-	-	-	448	-	-	-	-	-	-
Other	3,176	5,018	-	124	-	233	233	1	-	1
Total	124,107	78,962	-	9,386	-	23,431	23,431	63	1,103	1,166

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, April 2023
(Thousand Barrels) — Continued

Destination	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
Argentina	—	—	NA	NA	1,062	—	—	—	1,062	0	—
Australia	0	—	NA	NA	1	—	2	—	3	—	—
Bahamas	—	—	NA	NA	169	—	146	—	315	—	—
Bahrain	0	—	NA	NA	—	—	—	—	—	—	—
Belgium	0	—	NA	NA	302	—	—	—	302	—	—
Belize	0	—	NA	NA	1	68	—	—	69	—	—
Brazil	—	—	NA	NA	1,322	—	—	—	1,322	—	—
Canada	1,108	939	NA	NA	4	39	91	—	134	4	—
Cayman Islands	—	—	NA	NA	56	—	—	—	56	—	—
Chile	0	—	NA	NA	3,999	—	—	—	3,999	0	—
China	0	—	NA	NA	0	—	—	—	0	—	—
Colombia	66	—	NA	NA	185	—	—	—	185	—	—
Costa Rica	0	—	NA	NA	544	—	—	—	544	0	—
Denmark	—	—	NA	NA	—	—	—	—	—	—	—
Dominican Republic	—	—	NA	NA	734	—	150	—	884	—	—
Ecuador	—	—	NA	NA	1,056	—	—	—	1,056	—	—
Egypt	41	—	NA	NA	—	—	—	—	—	—	—
El Salvador	0	—	NA	NA	1	312	—	—	313	0	—
Finland	—	—	NA	NA	—	—	0	—	0	—	—
France	—	—	NA	NA	—	—	—	—	—	0	—
Germany	—	1	NA	NA	0	—	—	—	0	—	—
Ghana	—	—	NA	NA	—	—	—	—	—	—	—
Gibraltar	—	—	NA	NA	—	—	—	—	—	—	—
Greece	33	—	NA	NA	0	—	—	—	0	—	—
Guatemala	—	—	NA	NA	133	1,016	207	—	1,356	0	—
Honduras	—	—	NA	NA	257	260	0	—	517	—	—
Hong Kong	—	—	NA	NA	—	—	—	—	—	—	—
India	230	—	NA	NA	0	—	—	—	0	—	—
Indonesia	0	1	NA	NA	—	—	—	—	—	—	—
Ireland	2	—	NA	NA	—	—	—	—	—	—	—
Israel	2	—	NA	NA	—	—	—	—	—	—	—
Italy	—	—	NA	NA	—	—	—	—	—	—	—
Jamaica	59	—	NA	NA	39	—	—	—	39	—	—
Japan	0	—	NA	NA	—	—	—	—	—	—	—
Korea, South	256	—	NA	NA	2	—	—	—	2	—	—
Lebanon	—	—	NA	NA	—	—	—	—	—	—	—
Mexico	164	0	NA	NA	7,974	0	1	—	7,976	1	—
Montenegro	—	—	NA	NA	—	—	—	—	—	—	—
Morocco	—	—	NA	NA	—	—	—	—	—	—	—
Mozambique	—	—	NA	NA	—	—	—	—	—	—	—
Netherlands	359	—	NA	NA	628	75	—	—	703	—	—
New Zealand	—	—	NA	NA	—	—	—	—	—	—	—
Nicaragua	0	—	NA	NA	—	108	124	—	233	18	—
Nigeria	—	—	NA	NA	—	—	—	—	—	—	—
Norway	—	2	NA	NA	147	—	—	—	147	—	—
Pakistan	—	—	NA	NA	1	—	—	—	1	—	—
Panama	—	—	NA	NA	1,142	—	—	—	1,142	0	—
Peru	69	196	NA	NA	1,210	302	—	—	1,512	—	—
Philippines	94	—	NA	NA	0	—	—	—	0	—	—
Portugal	—	—	NA	NA	—	—	—	—	—	—	—
Puerto Rico	5	—	NA	NA	474	—	—	—	474	—	—
Romania	—	—	NA	NA	—	—	—	—	—	—	—
Saudi Arabia	—	—	NA	NA	1	—	—	—	1	—	—
Serbia (Excludes Kosovo) ..	—	—	NA	NA	—	—	—	—	—	—	—
Singapore	48	3	NA	NA	631	—	—	—	631	—	—
South Africa	—	—	NA	NA	—	—	—	—	—	—	—
Spain	—	—	NA	NA	541	—	—	—	541	—	—
Switzerland	2	—	NA	NA	1,166	—	—	—	1,166	—	—
Taiwan	0	—	NA	NA	0	—	—	—	0	—	—
Thailand	0	—	NA	NA	—	—	—	—	—	—	—
Trinidad and Tobago	0	—	NA	NA	0	—	—	—	0	—	—
Turkiye	—	—	NA	NA	80	—	—	—	80	—	—
United Arab Emirates	1	—	NA	NA	1	—	—	—	1	0	—
United Kingdom	248	—	NA	NA	1,960	—	—	—	1,960	—	—
Venezuela	—	—	NA	NA	1	—	—	—	1	—	—
Other	66	0	NA	NA	1,086	310	468	—	1,862	1	—
Total	2,853	1,141	NA	NA	26,910	2,490	1,189	—	30,589	24	—

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, April 2023
(Thousand Barrels) — Continued

Destination	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
Argentina	-	-	-	135	-	-	1	-
Australia	-	-	-	-	-	-	0	154
Bahamas	-	69	-	634	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	149
Belize	-	26	-	-	-	-	-	-
Brazil	-	-	-	157	-	-	2	1,388
Canada	-	520	-	415	-	-	79	1,003
Cayman Islands	-	329	-	0	-	-	-	-
Chile	-	182	-	0	-	-	0	0
China	-	-	-	2	-	-	2	1,846
Colombia	-	-	-	-	-	-	0	0
Costa Rica	-	169	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-
Dominican Republic	-	99	-	62	-	-	0	-
Ecuador	-	-	-	-	-	-	-	204
Egypt	-	-	-	-	-	174	-	-
El Salvador	-	25	-	-	-	-	0	-
Finland	-	-	-	0	-	-	-	-
France	-	-	-	-	-	-	0	25
Germany	-	-	-	0	-	-	1	0
Ghana	-	-	-	-	-	-	-	71
Gibraltar	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	-	-	61
Guatemala	-	132	-	0	-	-	0	205
Honduras	-	64	-	-	-	-	-	0
Hong Kong	-	-	-	-	-	-	0	-
India	-	0	-	-	-	395	2	2,139
Indonesia	-	-	-	-	-	-	0	0
Ireland	-	-	-	-	-	-	-	121
Israel	-	-	-	-	-	-	-	0
Italy	-	-	-	-	-	-	0	480
Jamaica	-	100	-	-	-	-	-	-
Japan	-	-	-	0	-	-	0	2,151
Korea, South	-	0	-	272	-	-	0	1
Lebanon	-	-	-	-	-	-	-	-
Mexico	-	1,177	-	174	-	116	17	2,152
Montenegro	-	-	-	-	-	-	-	-
Morocco	-	-	-	-	-	-	-	444
Mozambique	-	-	-	-	-	-	-	113
Netherlands	-	-	-	1,257	-	-	2	-
New Zealand	-	-	-	-	-	-	-	-
Nicaragua	-	38	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	96
Pakistan	-	-	-	-	-	-	-	-
Panama	-	444	-	215	-	-	0	-
Peru	-	166	-	0	-	-	0	-
Philippines	-	-	-	-	-	-	0	-
Portugal	-	-	-	-	-	-	0	-
Puerto Rico	-	-	-	-	-	-	0	-
Romania	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	0	-	-	0	-
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-
Singapore	-	-	-	120	-	-	0	-
South Africa	-	-	-	-	-	-	0	80
Spain	-	-	-	1	-	-	1	16
Switzerland	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	0	1
Thailand	-	-	-	-	-	150	0	-
Trinidad and Tobago	-	130	-	-	-	-	-	-
Turkiye	-	-	-	-	-	-	0	1,145
United Arab Emirates	-	-	-	-	-	-	0	0
United Kingdom	-	-	-	0	-	-	0	322
Venezuela	-	-	-	-	-	-	0	-
Other	-	164	-	65	-	1	5	279
Total	-	3,834	-	3,509	-	836	112	14,646

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, April 2023
(Thousand Barrels) — Continued

Destination	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
						Crude Oil	Products	Total
Argentina	12	32	0	1,243	1,243	—	41	41
Australia	0	3	0	712	712	—	24	24
Bahamas	2	4	0	1,973	1,973	—	66	66
Bahrain	—	0	—	1	1	—	0	0
Belgium	0	355	1	4,741	4,741	—	158	158
Belize	—	1	—	424	424	—	14	14
Brazil	—	312	0	5,853	6,017	5	195	201
Canada	123	261	7	14,585	22,087	250	486	736
Cayman Islands	—	1	—	399	399	—	13	13
Chile	48	65	—	6,817	6,817	—	227	227
China	4	11	1	12,541	43,955	1,047	418	1,465
Colombia	—	135	0	2,049	3,271	41	68	109
Costa Rica	68	12	—	1,630	1,630	—	54	54
Denmark	—	0	—	0	1,338	45	0	45
Dominican Republic	60	21	—	3,255	4,326	36	108	144
Ecuador	—	39	0	2,973	2,973	—	99	99
Egypt	—	0	—	2,004	2,004	—	67	67
El Salvador	—	37	—	1,358	1,358	—	45	45
Finland	—	1	—	1	1,506	50	0	50
France	—	2	—	306	2,855	85	10	95
Germany	2	2	0	11	1,977	66	0	66
Ghana	—	0	—	596	596	—	20	20
Gibraltar	—	—	—	436	436	—	15	15
Greece	—	1	—	94	94	—	3	3
Guatemala	—	16	—	3,648	3,648	—	122	122
Honduras	110	13	—	1,833	1,833	—	61	61
Hong Kong	—	1	0	1	1	—	0	0
India	0	76	0	6,552	13,348	227	218	445
Indonesia	2	12	—	2,149	3,344	40	72	111
Ireland	—	0	0	124	720	20	4	24
Israel	—	3	—	4	4	—	0	0
Italy	1	0	—	481	4,416	131	16	147
Jamaica	—	4	0	459	459	—	15	15
Japan	0	4	2	15,230	15,230	—	508	508
Korea, South	1	11	0	5,645	17,097	382	188	570
Lebanon	—	0	—	0	0	—	0	0
Mexico	59	964	63	33,527	33,527	—	1,118	1,118
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	—	—	2,540	2,540	—	85	85
Mozambique	—	—	—	114	114	—	4	4
Netherlands	1	3	0	6,621	21,339	491	221	711
New Zealand	54	0	—	54	54	—	2	2
Nicaragua	—	3	—	332	606	9	11	20
Nigeria	—	206	—	402	402	—	13	13
Norway	—	0	—	1,322	1,322	—	44	44
Pakistan	—	0	—	1	1	—	0	0
Panama	42	150	—	3,107	3,107	—	104	104
Peru	—	50	0	3,887	5,000	37	130	167
Philippines	—	1	0	95	95	—	3	3
Portugal	—	0	—	0	0	—	0	0
Puerto Rico	1	16	—	501	501	—	17	17
Romania	—	0	—	0	0	—	0	0
Saudi Arabia	—	8	—	11	11	—	0	0
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—
Singapore	—	39	0	2,493	11,160	289	83	372
South Africa	—	67	—	1,009	1,009	—	34	34
Spain	—	2	—	1,170	8,471	243	39	282
Switzerland	—	0	—	1,168	1,168	—	39	39
Taiwan	—	3	0	588	6,625	201	20	221
Thailand	0	3	0	155	956	27	5	32
Trinidad and Tobago	—	4	—	136	136	—	5	5
Turkiye	—	66	—	2,377	2,377	—	79	79
United Arab Emirates	1	183	0	189	189	—	6	6
United Kingdom	0	3	—	4,177	13,486	310	139	450
Venezuela	—	8	—	457	457	—	15	15
Other	—	47	3	7,858	11,039	105	263	368
Total	591	3,261	77	174,419	298,525	4,137	5,814	9,951

-- = Not Applicable.

- = No Data Reported.

1 On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

2 EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, May 2023
(Thousand Barrels)

Destination	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	-	-	-	4	-	503	503	-	-	-
Australia	1,473	1	-	0	-	-	-	1	-	1
Bahamas	-	57	-	358	-	1,064	1,064	-	262	262
Bahrain	-	-	-	-	-	-	-	-	0	0
Belgium	-	1,121	-	1,509	-	0	0	-	-	-
Belize	-	38	-	-	-	46	46	-	-	-
Brazil	1,301	1,474	-	1,040	-	1,275	1,275	0	0	0
Canada	10,052	7,804	-	2,819	-	472	472	-	898	898
Cayman Islands	-	5	-	-	-	9	9	-	-	-
Chile	-	2,038	-	109	-	520	520	-	-	-
China	8,152	16,060	-	8	-	-	-	-	-	-
Colombia	1,198	62	-	593	-	626	626	-	-	-
Costa Rica	-	97	-	2	-	612	612	-	-	-
Denmark	683	-	-	-	-	-	-	-	-	-
Dominican Republic	486	788	-	0	-	353	353	-	-	-
Ecuador	-	1,071	-	8	-	899	899	-	-	-
Egypt	-	1,710	-	-	-	-	-	-	-	-
El Salvador	-	239	-	0	-	561	561	-	-	-
Finland	1,682	574	-	-	-	-	-	-	-	-
France	5,546	1,368	-	30	-	-	-	-	-	-
Germany	568	0	-	332	-	-	-	-	-	-
Ghana	-	-	-	-	-	-	-	-	-	-
Gibraltar	-	-	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	-	-	-	-	-
Guatemala	-	413	-	6	-	1,896	1,896	-	-	-
Honduras	-	684	-	-	-	397	397	-	-	-
Hong Kong	-	-	-	0	-	-	-	-	-	-
India	8,924	2,897	-	0	-	-	-	-	-	-
Indonesia	-	1,418	-	-	-	-	-	-	-	-
Ireland	1,196	-	-	-	-	-	-	-	-	-
Israel	-	-	-	-	-	-	-	-	-	-
Italy	4,964	-	-	325	-	-	-	-	-	-
Jamaica	-	70	-	-	-	335	335	0	-	0
Japan	2,043	11,913	-	210	-	0	0	-	-	-
Korea, South	10,333	7,158	-	0	-	1	1	-	-	-
Lebanon	-	-	-	-	-	-	-	-	-	-
Mexico	-	4,512	-	1,168	-	12,010	12,010	49	1,470	1,519
Montenegro	-	-	-	-	-	-	-	-	-	-
Morocco	-	2,925	-	-	-	-	-	-	-	-
Mozambique	-	-	-	-	-	-	-	-	-	-
Netherlands	17,536	1,233	-	1,328	-	-	-	-	-	-
New Zealand	-	-	-	-	-	-	-	-	-	-
Nicaragua	-	0	-	-	-	58	58	-	0	0
Nigeria	-	270	-	-	-	-	-	-	-	-
Norway	-	1,051	-	248	-	-	-	-	-	-
Pakistan	-	-	-	-	-	-	-	-	-	-
Panama	1,047	257	-	0	-	656	656	-	-	-
Peru	0	365	-	2	-	683	683	-	56	56
Philippines	-	-	-	0	-	-	-	-	-	-
Portugal	822	407	-	-	-	-	-	-	-	-
Puerto Rico	-	7	-	102	-	3	3	-	0	0
Romania	-	-	-	0	-	-	-	-	-	-
Saudi Arabia	-	0	-	1	-	-	-	-	-	-
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-	-	-
Singapore	6,101	1,770	-	0	-	-	-	-	-	-
South Africa	848	839	-	0	-	-	-	-	-	-
Spain	9,121	1,379	-	17	-	-	-	-	-	-
Switzerland	-	799	-	0	-	-	-	-	-	-
Taiwan	5,625	1	-	1	-	0	0	0	-	0
Thailand	3,128	1	-	2	-	-	-	-	-	-
Trinidad and Tobago	-	0	-	1	-	0	0	-	-	-
Turkiye	-	566	-	-	-	-	-	-	-	-
United Arab Emirates	-	0	-	0	-	-	-	-	-	-
United Kingdom	8,282	1,071	-	671	-	0	0	-	-	-
Venezuela	-	0	-	-	-	-	-	-	-	-
Other	8,122	3,616	-	8	-	75	75	1	-	1
Total	119,233	80,129	-	10,902	-	23,054	23,054	51	2,686	2,737

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, May 2023
(Thousand Barrels) — Continued

Destination	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
Argentina	0	—	NA	NA	1,344	—	600	—	1,944	—	—
Australia	—	—	NA	NA	1	—	—	—	1	—	—
Bahamas	—	—	NA	NA	174	300	0	—	474	0	—
Bahrain	—	—	NA	NA	0	—	—	—	0	—	—
Belgium	0	—	NA	NA	305	—	—	—	305	—	—
Belize	—	—	NA	NA	37	—	—	—	37	—	—
Brazil	0	—	NA	NA	2,118	—	0	—	2,118	—	—
Canada	1,202	731	NA	NA	2	373	145	—	520	4	—
Cayman Islands	0	—	NA	NA	409	—	—	—	409	—	—
Chile	0	—	NA	NA	3,993	—	—	—	3,993	—	—
China	0	0	NA	NA	0	—	—	—	0	—	—
Colombia	143	—	NA	NA	210	1	—	—	211	—	—
Costa Rica	0	—	NA	NA	582	—	—	—	582	0	—
Denmark	—	—	NA	NA	507	302	—	—	809	—	—
Dominican Republic	0	0	NA	NA	200	25	154	—	379	0	—
Ecuador	—	—	NA	NA	844	—	—	—	844	—	—
Egypt	0	—	NA	NA	—	—	—	—	—	—	—
El Salvador	—	—	NA	NA	2	509	—	—	511	0	—
Finland	—	—	NA	NA	—	—	0	—	0	—	—
France	0	—	NA	NA	1,176	—	—	—	1,176	—	—
Germany	0	0	NA	NA	0	—	—	—	0	—	—
Ghana	—	—	NA	NA	—	—	—	—	—	—	—
Gibraltar	—	—	NA	NA	—	—	—	—	—	—	—
Greece	—	—	NA	NA	—	—	—	—	—	—	—
Guatemala	0	—	NA	NA	829	586	—	—	1,415	0	—
Honduras	—	—	NA	NA	122	397	—	—	520	0	—
Hong Kong	—	—	NA	NA	—	—	—	—	—	—	—
India	0	—	NA	NA	0	—	—	—	0	—	—
Indonesia	—	0	NA	NA	—	—	—	—	—	—	—
Ireland	1	—	NA	NA	—	—	—	—	—	—	—
Israel	1	—	NA	NA	—	—	—	—	—	—	—
Italy	—	—	NA	NA	—	—	—	—	—	—	—
Jamaica	62	0	NA	NA	115	0	30	—	145	0	—
Japan	0	—	NA	NA	—	—	—	—	—	—	—
Korea, South	230	—	NA	NA	0	—	—	—	0	—	—
Lebanon	—	—	NA	NA	1	—	—	—	1	—	—
Mexico	35	0	NA	NA	9,260	0	5	—	9,265	1	—
Montenegro	—	—	NA	NA	—	—	—	—	—	—	—
Morocco	—	—	NA	NA	—	—	—	—	—	—	—
Mozambique	—	—	NA	NA	—	—	—	—	—	—	—
Netherlands	506	—	NA	NA	1,778	49	80	—	1,908	—	—
New Zealand	—	—	NA	NA	0	—	—	—	0	—	—
Nicaragua	—	—	NA	NA	0	159	—	—	159	0	—
Nigeria	—	—	NA	NA	0	—	—	—	0	0	—
Norway	1	—	NA	NA	299	—	—	—	299	—	—
Pakistan	—	—	NA	NA	—	—	—	—	—	—	—
Panama	—	—	NA	NA	917	325	12	—	1,254	0	—
Peru	147	23	NA	NA	1,143	—	—	—	1,143	—	—
Philippines	0	—	NA	NA	—	—	—	—	—	—	—
Portugal	—	—	NA	NA	305	—	—	—	305	—	—
Puerto Rico	5	—	NA	NA	1	—	—	—	1	—	—
Romania	—	—	NA	NA	—	—	—	—	—	—	—
Saudi Arabia	76	—	NA	NA	3	—	—	—	3	—	—
Serbia (Excludes Kosovo) ..	—	—	NA	NA	—	—	—	—	—	—	—
Singapore	0	1	NA	NA	0	—	—	—	0	—	—
South Africa	—	—	NA	NA	—	—	—	—	—	—	—
Spain	—	—	NA	NA	321	620	—	—	941	—	—
Switzerland	2	—	NA	NA	303	—	—	—	303	—	—
Taiwan	1	—	NA	NA	0	—	—	—	0	—	—
Thailand	—	—	NA	NA	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	NA	NA	—	—	—	—	—	—	—
Turkiye	—	—	NA	NA	—	—	—	—	—	0	—
United Arab Emirates	0	—	NA	NA	—	—	—	—	—	0	—
United Kingdom	230	—	NA	NA	3,096	—	—	—	3,096	0	—
Venezuela	—	—	NA	NA	1	—	—	—	1	—	—
Other	34	3	NA	NA	255	320	414	—	987	7	—
Total	2,676	758	NA	NA	30,653	3,966	1,440	—	36,059	12	—

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, May 2023
(Thousand Barrels) — Continued

Destination	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
Argentina	-	19	-	0	-	-	1	-
Australia	-	-	-	-	-	-	0	244
Bahamas	-	89	-	-	-	-	-	-
Bahrain	-	0	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	0
Belize	-	10	-	-	-	-	-	-
Brazil	-	-	-	132	-	-	2	1,673
Canada	-	559	-	600	-	-	96	958
Cayman Islands	-	7	-	0	-	-	-	-
Chile	-	371	-	0	-	-	-	-
China	-	0	-	4	-	-	3	1,268
Colombia	-	-	-	-	-	34	0	0
Costa Rica	-	123	-	-	-	-	0	-
Denmark	-	-	-	391	-	-	-	184
Dominican Republic	-	140	-	0	-	-	0	181
Ecuador	-	-	-	-	-	-	0	220
Egypt	-	-	-	-	-	-	-	-
El Salvador	-	82	-	-	-	-	0	-
Finland	-	-	-	-	-	-	-	-
France	-	275	-	-	-	-	0	242
Germany	-	-	-	1	-	-	3	304
Ghana	-	-	-	-	-	-	-	-
Gibraltar	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	-	-	294
Guatemala	-	85	-	-	-	-	1	265
Honduras	-	30	-	-	-	-	0	969
Hong Kong	-	-	-	-	-	-	0	-
India	-	0	-	136	-	349	2	3,685
Indonesia	-	-	-	-	-	-	0	121
Ireland	-	-	-	-	-	-	-	80
Israel	-	333	-	-	-	-	0	189
Italy	-	-	-	-	-	-	0	381
Jamaica	-	97	-	-	-	-	-	182
Japan	-	-	-	-	-	-	1	1,820
Korea, South	-	-	-	285	-	-	0	242
Lebanon	-	-	-	-	-	-	-	-
Mexico	-	449	-	212	-	0	16	644
Montenegro	-	-	-	-	-	-	-	-
Morocco	-	-	-	331	-	-	-	723
Mozambique	-	-	-	-	-	-	-	96
Netherlands	-	-	-	764	-	-	1	426
New Zealand	-	-	-	-	-	-	0	-
Nicaragua	-	0	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	139
Pakistan	-	-	-	-	-	-	0	-
Panama	-	444	-	239	-	-	-	-
Peru	-	355	-	-	-	-	0	0
Philippines	-	-	-	-	-	-	0	299
Portugal	-	-	-	-	-	-	-	-
Puerto Rico	-	1	-	-	-	-	0	-
Romania	-	-	-	-	-	-	0	-
Saudi Arabia	-	-	-	-	-	-	0	102
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-
Singapore	-	-	-	0	-	-	0	0
South Africa	-	-	-	-	-	-	0	93
Spain	-	0	-	-	-	-	-	451
Switzerland	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	0	-
Thailand	-	-	-	-	-	249	0	303
Trinidad and Tobago	-	-	-	-	-	-	0	0
Turkiye	-	-	-	1	-	-	0	891
United Arab Emirates	-	-	-	-	-	-	0	601
United Kingdom	-	-	-	-	-	-	0	209
Venezuela	-	-	-	-	-	-	-	-
Other	-	536	-	775	-	-	2	442
Total	-	4,005	-	3,871	-	632	128	18,921

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, May 2023
(Thousand Barrels) — Continued

Destination	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
						Crude Oil	Products	Total
Argentina	0	74	—	2,545	2,545	—	82	82
Australia	—	4	1	252	1,725	48	8	56
Bahamas	0	1	0	2,306	2,306	—	74	74
Bahrain	—	0	—	1	1	—	0	0
Belgium	0	505	1	3,441	3,441	—	111	111
Belize	—	1	—	133	133	—	4	4
Brazil	0	373	1	8,088	9,389	42	261	303
Canada	100	304	2	17,070	27,122	324	551	875
Cayman Islands	2	1	—	432	432	—	14	14
Chile	—	23	—	7,055	7,055	—	228	228
China	4	9	1	17,357	25,510	263	560	823
Colombia	0	127	7	1,802	3,000	39	58	97
Costa Rica	39	16	0	1,471	1,471	—	47	47
Denmark	—	—	—	1,383	2,067	22	45	67
Dominican Republic	25	51	0	1,918	2,404	16	62	78
Ecuador	0	90	0	3,131	3,131	—	101	101
Egypt	—	0	—	1,710	1,710	—	55	55
El Salvador	—	20	—	1,413	1,413	—	46	46
Finland	—	0	—	575	2,256	54	19	73
France	—	98	—	3,189	8,735	179	103	282
Germany	2	2	—	645	1,213	18	21	39
Ghana	—	1	—	1	1	—	0	0
Gibraltar	—	—	—	—	—	—	—	—
Greece	—	0	—	294	294	—	9	9
Guatemala	—	15	—	4,096	4,096	—	132	132
Honduras	33	12	—	2,645	2,645	—	85	85
Hong Kong	—	1	—	1	1	—	0	0
India	1	377	0	7,448	16,372	288	240	528
Indonesia	—	1	—	1,541	1,541	—	50	50
Ireland	—	0	0	80	1,276	39	3	41
Israel	—	1	0	525	525	—	17	17
Italy	—	0	—	707	5,671	160	23	183
Jamaica	—	8	0	899	899	—	29	29
Japan	1	5	2	13,952	15,995	66	450	516
Korea, South	0	6	0	7,922	18,255	333	256	589
Lebanon	—	0	—	1	1	—	0	0
Mexico	105	1,388	68	31,393	31,393	—	1,013	1,013
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	—	—	3,979	3,979	—	128	128
Mozambique	—	—	—	96	96	—	3	3
Netherlands	1	4	0	6,170	23,707	566	199	765
New Zealand	0	1	—	1	1	—	0	0
Nicaragua	—	3	—	220	220	—	7	7
Nigeria	—	208	—	477	477	—	15	15
Norway	—	1	0	1,738	1,738	—	56	56
Pakistan	—	0	—	0	0	—	0	0
Panama	29	9	5	2,894	3,941	34	93	127
Peru	—	113	—	2,888	2,888	0	93	93
Philippines	—	0	0	299	299	—	10	10
Portugal	—	0	—	712	1,534	27	23	49
Puerto Rico	—	19	—	138	138	—	4	4
Romania	—	0	—	0	0	—	0	0
Saudi Arabia	—	4	—	186	186	—	6	6
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—
Singapore	0	1	—	1,774	7,875	197	57	254
South Africa	—	65	—	997	1,845	27	32	60
Spain	—	0	—	2,789	11,910	294	90	384
Switzerland	—	0	—	1,105	1,105	—	36	36
Taiwan	—	3	—	6	5,631	181	0	182
Thailand	1	3	0	558	3,686	101	18	119
Trinidad and Tobago	0	23	0	25	25	—	1	1
Turkiye	—	59	—	1,517	1,517	—	49	49
United Arab Emirates	1	19	—	622	622	—	20	20
United Kingdom	—	2	0	5,280	13,562	267	170	437
Venezuela	—	11	—	12	12	—	0	0
Other	3	32	1	6,509	14,629	261	211	472
Total	347	4,094	89	188,414	307,647	3,846	6,078	9,924

-- = Not Applicable.

- = No Data Reported.

1 On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

2 EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, June 2023
(Thousand Barrels)

Destination	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	-	0	-	0	-	279	279	-	-	-
Australia	-	62	-	1	-	0	0	-	-	-
Bahamas	-	54	-	150	-	425	425	-	0	0
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	785	-	763	-	-	-	-	-	-
Belize	-	26	-	-	-	45	45	-	-	-
Brazil	2,992	1,376	-	1,378	-	-	-	-	-	-
Canada	11,454	8,833	-	2,681	-	348	348	-	963	963
Cayman Islands	-	0	-	-	-	32	32	-	-	-
Chile	-	1,257	-	7	-	301	301	-	-	-
China	9,134	15,582	-	8	-	-	-	-	-	-
Colombia	-	22	-	593	-	902	902	-	-	-
Costa Rica	-	188	-	11	-	300	300	-	-	-
Denmark	694	-	-	-	-	-	-	-	-	-
Dominican Republic	986	1,140	-	0	-	725	725	1	0	1
Ecuador	-	1,072	-	-	-	598	598	-	-	-
Egypt	-	999	-	-	-	-	-	-	-	-
El Salvador	-	239	-	0	-	435	435	-	-	-
Finland	-	305	-	-	-	-	-	-	-	-
France	4,172	580	-	0	-	-	-	-	-	-
Germany	2,612	-	-	7	-	-	-	-	-	-
Ghana	-	-	-	-	-	-	-	-	-	-
Gibraltar	-	-	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	-	-	-	-	-
Guatemala	-	586	-	7	-	1,377	1,377	0	-	0
Honduras	-	374	-	4	-	571	571	-	-	-
Hong Kong	-	559	-	0	-	-	-	-	-	-
India	4,329	2,647	-	1	-	-	-	-	-	-
Indonesia	-	1,636	-	0	-	-	-	-	-	-
Ireland	630	-	-	0	-	-	-	-	-	-
Israel	-	-	-	-	-	-	-	-	-	-
Italy	5,229	-	-	1	-	-	-	-	-	-
Jamaica	-	59	-	1	-	283	283	-	-	-
Japan	-	11,518	-	342	-	303	303	0	-	0
Korea, South	8,280	6,868	-	1	-	1	1	0	0	0
Lebanon	-	-	-	-	-	-	-	-	-	-
Mexico	-	4,369	-	933	-	12,282	12,282	20	1,159	1,179
Montenegro	-	-	-	-	-	-	-	-	-	-
Morocco	-	2,132	-	-	-	-	-	-	-	-
Mozambique	-	-	-	-	-	-	-	-	-	-
Netherlands	27,383	3,361	-	1,149	-	-	-	-	-	-
New Zealand	-	-	-	-	-	-	-	-	-	-
Nicaragua	290	-	-	-	-	94	94	-	-	-
Nigeria	-	379	-	-	-	-	-	-	-	-
Norway	-	1,272	-	-	-	-	-	-	-	-
Pakistan	-	-	-	-	-	-	-	-	-	-
Panama	-	330	-	0	-	731	731	-	-	-
Peru	374	364	-	272	-	896	896	-	-	-
Philippines	-	263	-	0	-	-	-	-	-	-
Portugal	757	852	-	-	-	-	-	-	-	-
Puerto Rico	-	4	-	1	-	4	4	0	0	0
Romania	-	-	-	0	-	-	-	-	-	-
Saudi Arabia	-	-	-	1	-	1	1	-	-	-
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-	-	-
Singapore	10,967	1,473	-	1	-	-	-	-	0	0
South Africa	1,054	512	-	0	-	-	-	-	-	-
Spain	5,847	1,839	-	-	-	-	-	-	-	-
Switzerland	-	-	-	-	-	0	0	-	-	-
Taiwan	7,990	580	-	1	-	-	-	-	-	-
Thailand	-	-	-	2	-	-	-	-	-	-
Trinidad and Tobago	-	2	-	-	-	559	559	-	-	-
Turkiye	878	1,228	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	0	-	-	-	-	0	0
United Kingdom	10,350	920	-	0	-	0	0	-	-	-
Venezuela	-	0	-	451	-	-	-	-	-	-
Other	999	2,002	-	231	-	461	461	-	1	1
Total	117,401	78,649	-	8,998	-	21,953	21,953	21	2,123	2,144

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, June 2023
(Thousand Barrels) — Continued

Destination	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
Argentina	0	0	NA	NA	1,504	0	—	—	1,504	—	—
Australia	0	—	NA	NA	—	—	—	—	—	—	—
Bahamas	—	—	NA	NA	639	—	144	—	783	—	—
Bahrain	—	—	NA	NA	—	—	—	—	—	—	—
Belgium	0	—	NA	NA	297	—	—	—	297	—	—
Belize	0	—	NA	NA	1	40	—	—	41	—	—
Brazil	0	—	NA	NA	1,115	—	—	—	1,115	—	—
Canada	1,194	796	NA	NA	1	14	64	—	79	5	—
Cayman Islands	—	—	NA	NA	130	—	—	—	130	—	—
Chile	0	—	NA	NA	3,106	—	—	—	3,106	1	—
China	0	—	NA	NA	2	—	—	—	2	—	—
Colombia	130	—	NA	NA	302	—	0	—	302	—	—
Costa Rica	0	—	NA	NA	1,142	—	—	—	1,142	1	—
Denmark	—	—	NA	NA	—	—	—	—	—	—	—
Dominican Republic	0	—	NA	NA	489	—	286	—	775	—	—
Ecuador	—	—	NA	NA	1,735	—	—	—	1,735	—	—
Egypt	0	—	NA	NA	—	—	—	—	—	—	—
El Salvador	—	—	NA	NA	125	286	—	—	411	—	—
Finland	—	—	NA	NA	—	—	—	—	—	—	—
France	—	—	NA	NA	910	—	—	—	910	—	—
Germany	0	1	NA	NA	—	—	—	—	—	—	—
Ghana	—	—	NA	NA	—	—	—	—	—	—	—
Gibraltar	—	—	NA	NA	—	—	—	—	—	—	—
Greece	—	—	NA	NA	—	—	—	—	—	—	—
Guatemala	0	—	NA	NA	6	623	86	—	715	0	—
Honduras	—	—	NA	NA	1	359	143	—	503	0	—
Hong Kong	0	—	NA	NA	—	—	—	—	—	—	—
India	0	—	NA	NA	—	—	—	—	—	—	—
Indonesia	—	—	NA	NA	—	—	—	—	—	—	—
Ireland	1	—	NA	NA	—	—	—	—	—	—	—
Israel	1	—	NA	NA	0	—	—	—	0	0	—
Italy	—	—	NA	NA	—	—	—	—	—	—	—
Jamaica	11	—	NA	NA	52	—	—	—	52	0	—
Japan	0	—	NA	NA	0	—	—	—	0	—	—
Korea, South	244	—	NA	NA	0	—	—	—	0	—	—
Lebanon	—	—	NA	NA	—	—	—	—	—	—	—
Mexico	98	1	NA	NA	8,111	0	7	—	8,117	1	—
Montenegro	—	—	NA	NA	—	—	—	—	—	—	—
Morocco	—	—	NA	NA	—	—	—	—	—	—	—
Mozambique	—	—	NA	NA	—	—	—	—	—	—	—
Netherlands	375	—	NA	NA	2,378	—	75	—	2,453	—	—
New Zealand	—	—	NA	NA	—	—	—	—	—	—	—
Nicaragua	—	—	NA	NA	109	121	—	—	230	40	—
Nigeria	79	—	NA	NA	—	—	—	—	—	—	—
Norway	34	—	NA	NA	—	—	—	—	—	—	—
Pakistan	—	—	NA	NA	—	—	—	—	—	—	—
Panama	—	—	NA	NA	3,048	26	104	—	3,178	0	—
Peru	131	40	NA	NA	2,877	—	60	—	2,937	0	—
Philippines	0	—	NA	NA	—	—	—	—	—	—	—
Portugal	—	—	NA	NA	330	—	—	—	330	—	—
Puerto Rico	6	—	NA	NA	50	1	—	—	51	0	—
Romania	—	—	NA	NA	—	—	—	—	—	—	—
Saudi Arabia	—	—	NA	NA	—	—	—	—	—	0	—
Serbia (Excludes Kosovo) ..	—	—	NA	NA	—	—	—	—	—	—	—
Singapore	25	—	NA	NA	0	—	170	—	170	0	—
South Africa	—	—	NA	NA	—	—	—	—	—	—	—
Spain	0	—	NA	NA	—	—	—	—	—	—	—
Switzerland	2	—	NA	NA	—	—	—	—	—	—	—
Taiwan	1	—	NA	NA	0	—	—	—	0	0	—
Thailand	0	—	NA	NA	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	NA	NA	110	—	140	—	250	—	—
Turkiye	—	—	NA	NA	—	—	—	—	—	—	—
United Arab Emirates	0	—	NA	NA	0	—	—	—	0	0	—
United Kingdom	322	—	NA	NA	1,795	—	—	—	1,795	—	—
Venezuela	—	—	NA	NA	0	1	—	—	1	—	—
Other	2	1	NA	NA	1,171	336	231	—	1,738	1	—
Total	2,656	839	NA	NA	31,536	1,807	1,510	—	34,852	49	—

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, June 2023
(Thousand Barrels) — Continued

Destination	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
Argentina	-	-	-	489	-	65	1	-
Australia	-	-	-	-	-	-	0	204
Bahamas	-	86	-	330	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	1
Belize	-	10	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	2	1,875
Canada	-	1,186	-	345	-	-	99	464
Cayman Islands	-	6	-	0	-	-	-	-
Chile	-	291	-	0	-	-	1	-
China	-	0	-	1	-	-	1	1,373
Colombia	-	-	-	-	-	-	0	-
Costa Rica	-	174	-	-	-	-	0	55
Denmark	-	-	-	-	-	-	-	-
Dominican Republic	-	224	-	180	-	-	0	-
Ecuador	-	-	-	-	-	-	-	-
Egypt	-	-	-	414	-	200	-	565
El Salvador	-	189	-	-	-	-	-	220
Finland	-	-	-	-	-	-	-	-
France	-	0	-	-	-	-	0	-
Germany	-	-	-	1	-	-	1	0
Ghana	-	-	-	-	-	-	-	-
Gibraltar	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	-	-	248
Guatemala	-	58	-	-	-	-	0	543
Honduras	-	62	-	0	-	-	-	51
Hong Kong	-	-	-	-	-	-	0	-
India	-	0	-	223	-	435	2	4,634
Indonesia	-	-	-	-	-	-	0	-
Ireland	-	-	-	-	-	-	-	178
Israel	-	-	-	-	-	-	-	117
Italy	-	-	-	-	-	29	-	696
Jamaica	-	84	-	-	-	-	0	-
Japan	-	-	-	0	-	-	1	1,384
Korea, South	-	-	-	286	-	-	0	285
Lebanon	-	-	-	-	-	-	-	123
Mexico	-	1,240	-	286	-	86	17	1,578
Montenegro	-	-	-	-	-	-	-	-
Morocco	-	-	-	-	-	-	-	818
Mozambique	-	-	-	-	-	-	-	41
Netherlands	-	-	-	859	-	-	1	40
New Zealand	-	-	-	-	-	-	0	99
Nicaragua	-	0	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	131
Pakistan	-	-	-	-	-	-	-	-
Panama	-	434	-	46	-	-	0	288
Peru	-	153	-	-	-	-	0	0
Philippines	-	-	-	-	-	-	0	569
Portugal	-	-	-	-	-	-	0	220
Puerto Rico	-	250	-	-	-	-	0	-
Romania	-	-	-	-	-	-	0	-
Saudi Arabia	-	-	-	-	-	-	-	1
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-
Singapore	-	-	-	79	-	314	0	0
South Africa	-	-	-	-	-	63	0	37
Spain	-	-	-	1	-	-	0	983
Switzerland	-	-	-	-	-	-	0	-
Taiwan	-	-	-	-	-	-	0	-
Thailand	-	-	-	-	-	234	0	272
Trinidad and Tobago	-	-	-	-	-	-	0	-
Turkiye	-	-	-	-	-	-	0	1,079
United Arab Emirates	-	-	-	110	-	-	0	0
United Kingdom	-	-	-	0	-	-	0	-
Venezuela	-	-	-	-	-	-	-	-
Other	-	432	-	834	-	1	3	1,017
Total	-	4,879	-	4,484	-	1,427	129	20,189

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, June 2023
(Thousand Barrels) — Continued

Destination	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
						Crude Oil	Products	Total
Argentina	0	61	—	2,399	2,399	—	80	80
Australia	—	3	1	272	272	—	9	9
Bahamas	2	3	0	1,834	1,834	—	61	61
Bahrain	—	—	—	—	—	—	—	—
Belgium	0	177	1	2,023	2,023	—	67	67
Belize	—	0	0	122	122	—	4	4
Brazil	0	415	1	6,162	9,155	100	205	305
Canada	167	282	5	17,447	28,900	382	582	963
Cayman Islands	1	1	—	171	171	—	6	6
Chile	—	112	0	5,076	5,076	—	169	169
China	9	8	0	16,985	26,120	304	566	871
Colombia	0	61	0	2,010	2,010	—	67	67
Costa Rica	42	9	—	1,923	1,923	—	64	64
Denmark	—	0	—	0	694	23	0	23
Dominican Republic	0	24	—	3,071	4,057	33	102	135
Ecuador	0	41	9	3,454	3,454	—	115	115
Egypt	—	0	—	2,179	2,179	—	73	73
El Salvador	—	34	—	1,528	1,528	—	51	51
Finland	—	0	—	305	305	—	10	10
France	—	1	—	1,490	5,663	139	50	189
Germany	3	2	—	15	2,627	87	1	88
Ghana	—	0	—	0	0	—	0	0
Gibraltar	—	—	—	—	—	—	—	—
Greece	—	0	—	248	248	—	8	8
Guatemala	—	19	—	3,306	3,306	—	110	110
Honduras	41	12	—	1,617	1,617	—	54	54
Hong Kong	—	1	0	561	561	—	19	19
India	0	242	0	8,185	12,514	144	273	417
Indonesia	1	2	—	1,638	1,638	—	55	55
Ireland	—	0	—	179	809	21	6	27
Israel	—	1	0	119	119	—	4	4
Italy	—	0	—	726	5,955	174	24	198
Jamaica	—	6	0	495	495	—	17	17
Japan	2	3	4	13,556	13,556	—	452	452
Korea, South	0	8	0	7,696	15,976	276	257	533
Lebanon	—	0	—	123	123	—	4	4
Mexico	102	1,258	51	31,598	31,598	—	1,053	1,053
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	0	—	2,950	2,950	—	98	98
Mozambique	—	—	—	41	41	—	1	1
Netherlands	1	17	1	8,257	35,640	913	275	1,188
New Zealand	—	0	—	99	99	—	3	3
Nicaragua	—	5	—	368	658	10	12	22
Nigeria	—	85	—	543	543	—	18	18
Norway	—	0	—	1,438	1,438	—	48	48
Pakistan	—	0	—	0	0	—	0	0
Panama	44	44	—	5,095	5,095	—	170	170
Peru	—	66	0	4,860	5,234	12	162	174
Philippines	—	0	0	833	833	—	28	28
Portugal	—	0	—	1,402	2,159	25	47	72
Puerto Rico	80	15	0	412	412	—	14	14
Romania	—	0	—	0	0	—	0	0
Saudi Arabia	—	1	—	5	5	—	0	0
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—
Singapore	—	26	—	2,089	13,056	366	70	435
South Africa	0	56	—	668	1,722	35	22	57
Spain	0	0	—	2,823	8,670	195	94	289
Switzerland	—	0	—	2	2	—	0	0
Taiwan	—	4	0	587	8,577	266	20	286
Thailand	0	2	—	511	511	—	17	17
Trinidad and Tobago	—	3	0	815	815	—	27	27
Turkiye	1	64	—	2,373	3,251	29	79	108
United Arab Emirates	2	8	0	121	121	—	4	4
United Kingdom	—	29	—	3,067	13,418	345	102	447
Venezuela	—	4	—	457	457	—	15	15
Other	43	38	7	6,792	7,788	34	227	262
Total	541	3,253	80	185,121	302,522	3,913	6,171	10,084

-- = Not Applicable.

- = No Data Reported.

1 On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

2 EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, July 2023
(Thousand Barrels)

Destination	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	-	-	-	0	-	-	-	-	-	-
Australia	873	585	-	5	-	-	-	0	-	0
Bahamas	-	44	-	0	-	357	357	-	255	255
Bahrain	-	0	-	-	-	-	-	-	-	-
Belgium	-	1,591	-	677	-	-	-	-	-	-
Belize	-	38	-	-	-	45	45	-	-	-
Brazil	1,364	1,419	-	33	-	0	0	-	-	-
Canada	11,657	6,065	-	2,615	-	717	717	-	1,350	1,350
Cayman Islands	-	0	-	-	-	9	9	-	-	-
Chile	-	1,640	-	15	-	1,197	1,197	1	0	1
China	11,200	13,546	-	7	-	-	-	-	-	-
Colombia	548	66	-	797	-	2,127	2,127	-	-	-
Costa Rica	-	124	-	1	-	615	615	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Dominican Republic	525	1,133	-	0	-	637	637	-	-	-
Ecuador	-	1,068	-	-	-	1,211	1,211	-	-	-
Egypt	-	1,445	-	0	-	-	-	-	-	-
El Salvador	-	239	-	0	-	563	563	-	-	-
Finland	-	1,350	-	-	-	-	-	-	-	-
France	5,693	1,088	-	648	-	-	-	-	-	-
Germany	2,102	-	-	2	-	-	-	-	-	-
Ghana	-	142	-	-	-	-	-	-	-	-
Gibraltar	-	-	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	-	-	-	-	-
Guatemala	-	274	-	3	-	1,962	1,962	-	0	0
Honduras	-	717	-	3	-	418	418	-	-	-
Hong Kong	-	-	-	0	-	-	-	-	-	-
India	6,092	2,894	-	11	-	-	-	-	-	-
Indonesia	834	1,381	-	0	-	-	-	-	-	-
Ireland	1,293	-	-	-	-	-	-	-	-	-
Israel	-	-	-	-	-	-	-	-	-	-
Italy	7,919	-	-	317	-	-	-	-	-	-
Jamaica	-	47	-	-	-	62	62	-	-	-
Japan	-	16,809	-	1,282	-	-	-	1	-	1
Korea, South	6,127	6,545	-	5	-	1	1	-	17	17
Lebanon	-	-	-	-	-	-	-	-	-	-
Mexico	-	5,413	-	697	-	14,315	14,315	5	1,472	1,477
Montenegro	-	-	-	-	-	-	-	-	-	-
Morocco	-	494	-	-	-	-	-	-	-	-
Mozambique	-	-	-	-	-	-	-	-	-	-
Netherlands	25,399	1,742	-	1,119	-	141	141	-	-	-
New Zealand	-	-	-	-	-	-	-	-	-	-
Nicaragua	528	-	-	-	-	91	91	-	-	-
Nigeria	-	248	-	-	-	320	320	-	-	-
Norway	-	1,611	-	63	-	-	-	-	-	-
Pakistan	-	-	-	0	-	0	0	-	-	-
Panama	707	181	-	0	-	689	689	-	-	-
Peru	1,076	480	-	4	-	893	893	-	-	-
Philippines	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	6	-	1	-	2	2	-	0	0
Romania	-	0	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	0	-	-	-	-	-	-
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-	-	-
Singapore	5,091	0	-	20	-	1	1	0	8	8
South Africa	-	1,029	-	7	-	318	318	-	-	-
Spain	5,876	1,419	-	485	-	-	-	-	-	-
Switzerland	-	-	-	1	-	-	-	-	-	-
Taiwan	8,926	552	-	458	-	-	-	0	-	0
Thailand	1,933	-	-	1	-	-	-	-	-	-
Trinidad and Tobago	-	0	-	0	-	0	0	-	-	-
Turkiye	-	1,581	-	0	-	-	-	-	-	-
United Arab Emirates	-	-	-	1	-	-	-	-	-	-
United Kingdom	12,296	934	-	32	-	27	27	-	-	-
Venezuela	-	0	-	-	-	0	0	0	-	0
Other	3,541	3,576	-	3	-	445	445	1	349	350
Total	121,600	79,516	-	9,313	-	27,163	27,163	8	3,451	3,459

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, July 2023
(Thousand Barrels) — Continued

Destination	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
Argentina	0	—	NA	NA	285	60	—	—	345	—	—
Australia	0	—	NA	NA	0	—	—	—	0	0	—
Bahamas	0	—	NA	NA	396	20	190	—	606	—	—
Bahrain	—	—	NA	NA	—	—	—	—	—	—	—
Belgium	0	—	NA	NA	627	—	—	—	627	—	—
Belize	44	—	NA	NA	70	30	—	—	100	—	—
Brazil	0	—	NA	NA	760	—	—	—	760	—	—
Canada	1,479	647	NA	NA	1	550	114	—	666	1	—
Cayman Islands	—	—	NA	NA	105	—	—	—	105	0	—
Chile	0	—	NA	NA	2,923	—	—	—	2,923	—	—
China	0	—	NA	NA	0	—	—	—	0	—	—
Colombia	86	—	NA	NA	301	—	—	—	301	0	—
Costa Rica	0	—	NA	NA	550	—	—	—	550	—	—
Denmark	—	—	NA	NA	303	—	—	—	303	—	—
Dominican Republic	4	—	NA	NA	235	160	250	—	645	—	—
Ecuador	0	—	NA	NA	3,450	—	—	—	3,450	—	—
Egypt	—	—	NA	NA	—	—	—	—	—	—	—
El Salvador	0	—	NA	NA	2	532	—	—	533	0	—
Finland	—	—	NA	NA	—	—	—	—	—	—	—
France	0	—	NA	NA	925	—	—	—	925	0	—
Germany	1	3	NA	NA	592	—	—	—	592	—	—
Ghana	—	—	NA	NA	306	—	—	—	306	—	—
Gibraltar	—	—	NA	NA	330	—	—	—	330	—	—
Greece	0	—	NA	NA	—	—	—	—	—	—	—
Guatemala	—	—	NA	NA	650	474	—	—	1,124	—	—
Honduras	—	—	NA	NA	124	331	—	—	454	0	—
Hong Kong	—	—	NA	NA	1	—	—	—	1	—	—
India	0	—	NA	NA	0	—	0	—	0	—	—
Indonesia	0	—	NA	NA	—	—	—	—	—	—	—
Ireland	1	—	NA	NA	—	—	—	—	—	—	—
Israel	0	—	NA	NA	0	—	—	—	0	—	—
Italy	0	—	NA	NA	—	—	—	—	—	—	—
Jamaica	50	—	NA	NA	70	—	—	—	70	—	—
Japan	1	—	NA	NA	0	—	—	—	0	0	—
Korea, South	256	—	NA	NA	2	—	—	—	2	—	—
Lebanon	—	—	NA	NA	—	—	—	—	—	—	—
Mexico	92	0	NA	NA	9,528	—	3	—	9,531	0	—
Montenegro	—	—	NA	NA	—	—	—	—	—	—	—
Morocco	—	—	NA	NA	1	—	—	—	1	—	—
Mozambique	—	—	NA	NA	—	—	—	—	—	—	—
Netherlands	136	—	NA	NA	3,458	248	0	—	3,706	—	—
New Zealand	—	—	NA	NA	—	—	—	—	—	—	—
Nicaragua	0	—	NA	NA	129	230	—	—	359	20	—
Nigeria	—	—	NA	NA	—	—	—	—	—	—	—
Norway	1	—	NA	NA	0	—	—	—	0	—	—
Pakistan	—	—	NA	NA	—	—	—	—	—	—	—
Panama	—	—	NA	NA	1,888	47	0	—	1,935	—	—
Peru	25	40	NA	NA	3,823	—	—	—	3,823	—	—
Philippines	—	—	NA	NA	—	—	—	—	—	—	—
Portugal	—	—	NA	NA	—	—	—	—	—	—	—
Puerto Rico	4	—	NA	NA	85	1	—	—	86	—	—
Romania	—	—	NA	NA	—	—	—	—	—	—	—
Saudi Arabia	64	—	NA	NA	—	—	—	—	—	0	—
Serbia (Excludes Kosovo) ..	—	—	NA	NA	—	—	—	—	—	—	—
Singapore	—	1	NA	NA	301	—	—	—	301	0	—
South Africa	—	—	NA	NA	—	—	—	—	—	—	—
Spain	—	—	NA	NA	325	—	—	—	325	—	—
Switzerland	2	—	NA	NA	—	—	—	—	—	—	—
Taiwan	1	—	NA	NA	—	—	—	—	—	—	—
Thailand	0	—	NA	NA	0	—	—	—	0	—	—
Trinidad and Tobago	0	—	NA	NA	—	—	180	—	180	—	—
Turkiye	—	—	NA	NA	—	—	—	—	—	0	—
United Arab Emirates	0	—	NA	NA	0	—	—	—	0	0	—
United Kingdom	398	—	NA	NA	1,543	—	—	—	1,543	—	—
Venezuela	0	—	NA	NA	1	—	—	—	1	—	—
Other	33	—	NA	NA	907	446	250	—	1,604	2	—
Total	2,678	691	NA	NA	34,997	3,129	987	—	39,113	23	—

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, July 2023
(Thousand Barrels) — Continued

Destination	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
Argentina	-	-	-	304	-	-	0	-
Australia	-	-	-	-	-	-	1	151
Bahamas	-	87	-	325	-	-	-	-
Bahrain	-	-	-	-	-	-	0	-
Belgium	-	-	-	6	-	-	-	14
Belize	-	20	-	-	-	-	-	-
Brazil	-	-	-	135	-	-	2	1,735
Canada	-	675	-	331	-	-	82	727
Cayman Islands	-	6	-	0	-	-	-	-
Chile	-	150	-	0	-	-	0	-
China	-	-	-	1	-	-	2	3,968
Colombia	-	-	-	-	-	-	0	61
Costa Rica	-	168	-	0	-	-	-	193
Denmark	-	-	-	357	-	-	-	-
Dominican Republic	-	130	-	150	-	-	1	411
Ecuador	-	-	-	-	-	-	0	198
Egypt	-	-	-	-	-	-	-	275
El Salvador	-	79	-	-	-	-	0	-
Finland	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	0	301
Germany	-	-	-	17	-	-	0	-
Ghana	-	-	-	-	-	-	-	-
Gibraltar	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	-	-	408
Guatemala	-	91	-	-	-	-	0	536
Honduras	-	45	-	-	-	-	-	576
Hong Kong	-	-	-	-	-	-	0	0
India	-	-	-	-	-	297	3	3,255
Indonesia	-	-	-	-	-	-	-	-
Ireland	-	-	-	-	-	-	-	-
Israel	-	333	-	-	-	-	0	323
Italy	-	-	-	-	-	70	0	563
Jamaica	-	100	-	158	-	-	-	-
Japan	-	-	-	0	-	-	0	2,000
Korea, South	-	-	-	496	-	-	0	0
Lebanon	-	-	-	-	-	-	-	-
Mexico	-	1,836	-	148	-	86	19	1,188
Montenegro	-	-	-	-	-	-	-	-
Morocco	-	-	-	-	-	-	-	187
Mozambique	-	-	-	-	-	-	-	99
Netherlands	-	-	-	1,375	-	-	1	621
New Zealand	-	-	-	-	-	-	-	-
Nicaragua	-	0	-	125	-	-	-	165
Nigeria	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	71
Pakistan	-	-	-	-	-	-	-	276
Panama	-	426	-	310	-	0	-	-
Peru	-	326	-	-	-	-	0	60
Philippines	-	-	-	-	-	-	0	-
Portugal	-	-	-	-	-	-	-	-
Puerto Rico	-	-	-	-	-	-	0	-
Romania	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	0	1
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-
Singapore	-	-	-	150	-	308	0	-
South Africa	-	-	-	-	-	63	-	94
Spain	-	-	-	-	-	-	0	495
Switzerland	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	0	0
Thailand	-	-	-	-	-	-	0	635
Trinidad and Tobago	-	-	-	-	-	-	-	0
Turkiye	-	-	-	1	-	-	0	1,414
United Arab Emirates	-	-	-	-	-	-	0	138
United Kingdom	-	-	-	-	-	-	0	-
Venezuela	-	-	-	-	-	-	-	-
Other	-	193	-	417	-	-	5	624
Total	-	4,665	-	4,806	-	824	116	21,763

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, July 2023
(Thousand Barrels) — Continued

Destination	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
						Crude Oil	Products	Total
Argentina	0	22	0	672	672	—	22	22
Australia	0	6	0	748	1,621	28	24	52
Bahamas	2	2	0	1,679	1,679	—	54	54
Bahrain	—	0	—	0	0	—	0	0
Belgium	0	502	1	3,418	3,418	—	110	110
Belize	—	0	—	247	247	—	8	8
Brazil	0	422	0	4,507	5,871	44	145	189
Canada	266	289	3	15,912	27,569	376	513	889
Cayman Islands	1	1	—	123	123	—	4	4
Chile	42	104	0	6,073	6,073	—	196	196
China	9	6	0	17,541	28,741	361	566	927
Colombia	0	129	0	3,566	4,114	18	115	133
Costa Rica	25	15	0	1,691	1,691	—	55	55
Denmark	—	—	—	660	660	—	21	21
Dominican Republic	0	15	—	3,126	3,652	17	101	118
Ecuador	—	36	—	5,964	5,964	—	192	192
Egypt	—	0	—	1,720	1,720	—	55	55
El Salvador	—	18	—	1,433	1,433	—	46	46
Finland	—	0	—	1,351	1,351	—	44	44
France	—	177	—	3,139	8,832	184	101	285
Germany	3	1	1	621	2,723	68	20	88
Ghana	—	0	—	448	448	—	14	14
Gibraltar	—	—	—	330	330	—	11	11
Greece	—	0	—	408	408	—	13	13
Guatemala	—	17	—	4,008	4,008	—	129	129
Honduras	17	10	0	2,241	2,241	—	72	72
Hong Kong	—	2	0	2	2	—	0	0
India	0	53	0	6,514	12,606	197	210	407
Indonesia	1	1	—	1,383	2,217	27	45	72
Ireland	—	0	0	1	1,294	42	0	42
Israel	0	27	0	684	684	—	22	22
Italy	—	0	—	950	8,869	255	31	286
Jamaica	—	5	—	491	491	—	16	16
Japan	1	9	2	20,107	20,107	—	649	649
Korea, South	0	7	0	7,329	13,456	198	236	434
Lebanon	—	2	—	2	2	—	0	0
Mexico	112	1,149	44	36,107	36,107	—	1,165	1,165
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	0	—	681	681	—	22	22
Mozambique	—	—	—	99	99	—	3	3
Netherlands	1	3	0	8,845	34,244	819	285	1,105
New Zealand	—	1	—	1	1	—	0	0
Nicaragua	—	5	—	765	1,293	17	25	42
Nigeria	—	178	—	746	746	—	24	24
Norway	—	0	—	1,745	1,745	—	56	56
Pakistan	—	0	—	277	277	—	9	9
Panama	—	12	—	3,553	4,259	23	115	137
Peru	0	91	0	5,744	6,820	35	185	220
Philippines	—	0	0	1	1	—	0	0
Portugal	—	—	—	—	—	—	—	—
Puerto Rico	0	12	—	111	111	—	4	4
Romania	—	0	—	0	0	—	0	0
Saudi Arabia	—	2	—	67	67	—	2	2
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—
Singapore	0	56	0	846	5,936	164	27	191
South Africa	—	59	—	1,570	1,570	—	51	51
Spain	—	1	—	2,727	8,602	190	88	277
Switzerland	—	0	—	3	3	—	0	0
Taiwan	—	3	0	1,015	9,941	288	33	321
Thailand	1	3	0	641	2,574	62	21	83
Trinidad and Tobago	—	4	—	184	184	—	6	6
Turkiye	0	30	—	3,026	3,026	—	98	98
United Arab Emirates	0	19	0	159	159	—	5	5
United Kingdom	0	2	0	2,936	15,232	397	95	491
Venezuela	—	9	—	11	11	—	0	0
Other	6	92	7	7,335	10,878	113	237	352
Total	487	3,609	58	198,284	319,884	3,923	6,396	10,319

-- = Not Applicable.

- = No Data Reported.

1 On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

2 EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, August 2023
(Thousand Barrels)

Destination	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	-	-	-	0	-	-	-	-	-	-
Australia	725	3	-	1	-	-	-	-	-	-
Bahamas	-	44	-	220	-	52	52	-	0	0
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	2,247	-	19	-	-	-	-	-	-
Belize	-	36	-	-	-	41	41	-	-	-
Brazil	2,252	1,388	-	508	-	311	311	-	-	-
Canada	13,216	7,098	-	1,808	-	281	281	-	628	628
Cayman Islands	-	0	-	-	-	12	12	-	-	-
Chile	-	1,089	-	0	-	579	579	-	-	-
China	9,588	13,500	-	328	-	-	-	-	-	-
Colombia	509	105	-	962	-	655	655	0	-	0
Costa Rica	-	191	-	-	-	623	623	-	0	0
Denmark	2,102	-	-	-	-	-	-	-	-	-
Dominican Republic	1,055	1,380	-	6	-	295	295	-	50	50
Ecuador	-	1,074	-	8	-	2,410	2,410	-	3	3
Egypt	-	484	-	0	-	-	-	-	-	-
El Salvador	-	478	-	0	-	558	558	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	4,546	1,605	-	324	-	-	-	-	-	-
Germany	3,148	106	-	3	-	-	-	-	-	-
Ghana	-	244	-	-	-	-	-	-	-	-
Gibraltar	-	0	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	-	-	-	-	-
Guatemala	-	0	-	0	-	1,289	1,289	-	-	-
Honduras	-	670	-	-	-	647	647	-	-	-
Hong Kong	-	-	-	-	-	-	-	-	-	-
India	6,207	2,918	-	14	-	-	-	-	-	-
Indonesia	-	3,398	-	1	-	-	-	-	-	-
Ireland	1,918	-	-	-	-	-	-	-	-	-
Israel	-	0	-	-	-	-	-	-	-	-
Italy	8,330	-	-	0	-	-	-	-	-	-
Jamaica	-	-	-	-	-	258	258	-	-	-
Japan	2,037	13,758	-	3	-	0	0	-	-	-
Korea, South	15,779	5,459	-	645	-	0	0	-	2	2
Lebanon	-	-	-	-	-	-	-	-	-	-
Mexico	-	5,086	-	934	-	12,603	12,603	0	1,819	1,819
Montenegro	-	-	-	-	-	-	-	-	-	-
Morocco	-	3,036	-	-	-	-	-	-	-	-
Mozambique	-	-	-	-	-	-	-	-	-	-
Netherlands	20,447	1,676	-	949	-	-	-	-	-	-
New Zealand	-	-	-	0	-	-	-	-	-	-
Nicaragua	265	-	-	-	-	78	78	-	-	-
Nigeria	-	480	-	-	-	313	313	-	-	-
Norway	2,734	1,283	-	75	-	-	-	-	-	-
Pakistan	-	-	-	-	-	-	-	-	-	-
Panama	808	301	-	-	-	556	556	-	0	0
Peru	826	0	-	289	-	406	406	-	320	320
Philippines	-	-	-	-	-	-	-	-	-	-
Portugal	-	520	-	-	-	-	-	-	-	-
Puerto Rico	-	1	-	2	-	3	3	-	0	0
Romania	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-	-	-
Singapore	13,396	1,747	-	2	-	298	298	-	10	10
South Africa	825	795	-	4	-	-	-	-	-	-
Spain	5,768	587	-	-	-	-	-	-	-	-
Switzerland	-	556	-	638	-	-	-	-	-	-
Taiwan	6,129	554	-	1	-	-	-	-	-	-
Thailand	4,557	-	-	1	-	-	-	-	-	-
Trinidad and Tobago	-	1	-	0	-	0	0	-	-	-
Turkiye	-	2,207	-	0	-	2	2	-	-	-
United Arab Emirates	-	276	-	0	-	-	-	-	-	-
United Kingdom	4,427	1,380	-	304	-	1	1	-	-	-
Venezuela	-	0	-	465	-	0	0	0	-	0
Other	4,988	2,884	-	3	-	764	764	1	4	5
Total	136,582	80,645	-	8,517	-	23,035	23,035	1	2,836	2,837

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, August 2023
(Thousand Barrels) — Continued

Destination	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
Argentina	0	—	NA	NA	1,371	—	—	—	1,371	—	—
Australia	0	0	NA	NA	—	—	—	—	—	—	—
Bahamas	—	—	NA	NA	329	—	248	—	577	—	—
Bahrain	—	—	NA	NA	—	—	—	—	—	—	—
Belgium	0	—	NA	NA	—	—	—	—	—	—	—
Belize	—	—	NA	NA	43	38	—	—	81	—	—
Brazil	0	—	NA	NA	1,043	132	—	—	1,175	—	—
Canada	1,426	517	NA	NA	78	525	52	—	655	308	—
Cayman Islands	—	—	NA	NA	60	—	—	—	60	—	—
Chile	0	—	NA	NA	3,941	—	—	—	3,941	—	—
China	0	—	NA	NA	1	—	—	—	1	—	—
Colombia	270	—	NA	NA	470	—	—	—	470	—	—
Costa Rica	0	—	NA	NA	816	—	—	—	816	0	—
Denmark	—	—	NA	NA	—	—	—	—	—	—	—
Dominican Republic	0	—	NA	NA	116	—	241	—	357	0	—
Ecuador	—	—	NA	NA	1,136	282	—	—	1,418	—	—
Egypt	—	—	NA	NA	—	—	—	—	—	—	—
El Salvador	0	—	NA	NA	25	558	—	—	583	0	—
Finland	—	—	NA	NA	—	—	—	—	—	—	—
France	—	—	NA	NA	1,264	—	—	—	1,264	—	—
Germany	—	—	NA	NA	—	—	—	—	—	—	—
Ghana	—	—	NA	NA	—	—	—	—	—	—	—
Gibraltar	—	—	NA	NA	—	—	—	—	—	—	—
Greece	—	—	NA	NA	—	—	—	—	—	—	—
Guatemala	—	—	NA	NA	819	551	—	—	1,370	0	—
Honduras	—	—	NA	NA	150	594	—	—	744	0	—
Hong Kong	0	—	NA	NA	1	—	—	—	1	0	—
India	0	—	NA	NA	1	—	—	—	1	—	—
Indonesia	0	1	NA	NA	—	—	—	—	—	—	—
Ireland	1	—	NA	NA	—	—	—	—	—	—	—
Israel	1	—	NA	NA	—	—	—	—	—	—	—
Italy	—	—	NA	NA	—	—	—	—	—	—	—
Jamaica	30	—	NA	NA	72	—	—	—	72	0	—
Japan	0	—	NA	NA	—	—	—	—	—	—	—
Korea, South	1	—	NA	NA	0	—	—	—	0	—	—
Lebanon	—	—	NA	NA	1	—	—	—	1	—	—
Mexico	49	0	NA	NA	8,811	—	3	—	8,814	0	—
Montenegro	—	—	NA	NA	—	—	—	—	—	—	—
Morocco	—	—	NA	NA	—	—	—	—	—	—	—
Mozambique	—	—	NA	NA	—	—	—	—	—	—	—
Netherlands	128	—	NA	NA	772	315	283	—	1,370	—	—
New Zealand	—	—	NA	NA	—	—	—	—	—	—	—
Nicaragua	—	—	NA	NA	215	253	—	—	468	20	—
Nigeria	—	—	NA	NA	—	—	—	—	—	—	—
Norway	—	—	NA	NA	239	—	—	—	239	—	—
Pakistan	—	—	NA	NA	—	—	—	—	—	—	—
Panama	—	0	NA	NA	3,088	—	—	—	3,088	0	—
Peru	108	33	NA	NA	3,144	—	—	—	3,144	0	—
Philippines	—	—	NA	NA	—	—	—	—	—	—	—
Portugal	—	—	NA	NA	—	—	—	—	—	—	—
Puerto Rico	4	—	NA	NA	135	—	—	—	135	—	—
Romania	—	—	NA	NA	—	—	—	—	—	—	—
Saudi Arabia	—	—	NA	NA	10	—	—	—	10	—	—
Serbia (Excludes Kosovo) ..	—	—	NA	NA	—	—	—	—	—	—	—
Singapore	48	—	NA	NA	—	—	390	—	390	—	—
South Africa	—	—	NA	NA	0	—	—	—	0	—	—
Spain	—	—	NA	NA	326	—	—	—	326	—	—
Switzerland	3	—	NA	NA	—	—	—	—	—	—	—
Taiwan	1	—	NA	NA	0	—	—	—	0	—	—
Thailand	0	—	NA	NA	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	NA	NA	138	—	0	—	138	—	—
Turkiye	—	—	NA	NA	—	—	—	—	—	—	—
United Arab Emirates	—	—	NA	NA	—	—	—	—	—	0	—
United Kingdom	322	—	NA	NA	1,495	—	—	—	1,495	—	—
Venezuela	0	—	NA	NA	1	—	—	—	1	—	—
Other	3	2	NA	NA	2,367	24	440	—	2,831	2	—
Total	2,395	553	NA	NA	32,478	3,272	1,657	—	37,407	330	—

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, August 2023
(Thousand Barrels) — Continued

Destination	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
Argentina	-	-	-	176	-	-	0	-
Australia	-	-	-	-	-	-	1	231
Bahamas	-	108	-	600	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	0	-	-	-	29
Belize	-	20	-	-	-	-	-	-
Brazil	-	-	-	144	-	-	1	2,153
Canada	-	1,785	-	425	-	0	105	530
Cayman Islands	-	19	-	-	-	-	-	-
Chile	-	91	-	0	-	-	0	-
China	-	0	-	1	-	-	2	1,122
Colombia	-	0	-	0	-	-	0	0
Costa Rica	-	211	-	-	-	-	0	-
Denmark	-	-	-	-	-	-	-	-
Dominican Republic	-	98	-	0	-	-	0	181
Ecuador	-	-	-	0	-	-	0	206
Egypt	-	-	-	555	-	138	-	269
El Salvador	-	158	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-
Germany	-	-	-	0	-	-	2	-
Ghana	-	-	-	0	-	-	-	-
Gibraltar	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	-	-	535
Guatemala	-	114	-	-	-	-	0	477
Honduras	-	76	-	-	-	-	0	292
Hong Kong	-	-	-	-	-	-	0	-
India	-	0	-	0	-	734	2	2,775
Indonesia	-	-	-	0	-	-	0	-
Ireland	-	-	-	-	-	-	-	204
Israel	-	-	-	-	-	-	0	326
Italy	-	-	-	-	-	-	0	272
Jamaica	-	159	-	-	-	-	0	-
Japan	-	0	-	0	-	-	1	1,600
Korea, South	-	1	-	285	-	-	0	1
Lebanon	-	-	-	-	-	-	-	-
Mexico	-	2,379	-	294	-	144	16	1,886
Montenegro	-	-	-	-	-	-	-	-
Morocco	-	-	-	-	-	-	-	275
Mozambique	-	-	-	-	-	-	-	39
Netherlands	-	-	-	161	-	-	1	454
New Zealand	-	0	-	-	-	-	0	99
Nicaragua	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	84
Pakistan	-	-	-	-	-	-	0	292
Panama	-	491	-	75	-	-	-	-
Peru	-	140	-	-	-	-	0	-
Philippines	-	-	-	-	-	-	0	301
Portugal	-	-	-	-	-	-	-	275
Puerto Rico	-	-	-	-	-	-	0	-
Romania	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	0	2
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-
Singapore	-	-	-	282	-	146	0	-
South Africa	-	-	-	0	-	-	-	40
Spain	-	-	-	-	-	47	0	462
Switzerland	-	-	-	-	-	-	0	-
Taiwan	-	-	-	0	-	-	0	0
Thailand	-	-	-	-	-	222	0	0
Trinidad and Tobago	-	230	-	-	-	-	-	0
Turkiye	-	-	-	-	-	-	-	933
United Arab Emirates	-	-	-	0	-	-	0	-
United Kingdom	-	-	-	-	-	-	1	302
Venezuela	-	-	-	-	-	-	-	-
Other	-	415	-	182	-	-	4	632
Total	-	6,495	-	3,180	-	1,431	136	17,279

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, August 2023
(Thousand Barrels) — Continued

Destination	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
						Crude Oil	Products	Total
Argentina	41	31	—	1,620	1,620	—	52	52
Australia	0	8	1	245	969	23	8	31
Bahamas	2	2	2	1,606	1,606	—	52	52
Bahrain	—	0	—	0	0	—	0	0
Belgium	1	78	1	2,375	2,375	—	77	77
Belize	—	0	—	178	178	—	6	6
Brazil	—	341	1	6,022	8,274	73	194	267
Canada	148	268	5	15,987	29,204	426	516	942
Cayman Islands	1	2	—	93	93	—	3	3
Chile	—	31	0	5,731	5,731	—	185	185
China	7	9	1	14,970	24,559	309	483	792
Colombia	0	54	0	2,517	3,026	16	81	98
Costa Rica	33	8	—	1,883	1,883	—	61	61
Denmark	—	0	—	0	2,102	68	0	68
Dominican Republic	100	15	—	2,483	3,539	34	80	114
Ecuador	0	67	—	5,187	5,187	—	167	167
Egypt	—	0	—	1,446	1,446	—	47	47
El Salvador	—	5	—	1,782	1,782	—	57	57
Finland	0	1	—	1	1	—	0	0
France	—	1	—	3,194	7,740	147	103	250
Germany	4	1	—	116	3,264	102	4	105
Ghana	—	0	—	244	244	—	8	8
Gibraltar	—	—	—	0	0	—	0	0
Greece	—	0	—	535	535	—	17	17
Guatemala	—	17	—	3,267	3,267	—	105	105
Honduras	39	15	0	2,482	2,482	—	80	80
Hong Kong	—	1	0	2	2	—	0	0
India	0	6	0	6,449	12,656	200	208	408
Indonesia	1	2	0	3,403	3,403	—	110	110
Ireland	—	0	—	205	2,122	62	7	68
Israel	—	4	0	332	332	—	11	11
Italy	—	0	—	273	8,604	269	9	278
Jamaica	—	6	0	525	525	—	17	17
Japan	0	6	2	15,372	17,409	66	496	562
Korea, South	—	12	0	6,407	22,186	509	207	716
Lebanon	—	0	—	1	1	—	0	0
Mexico	218	1,668	28	35,939	35,939	—	1,159	1,159
Montenegro	—	0	—	0	0	—	0	0
Morocco	—	0	—	3,311	3,311	—	107	107
Mozambique	—	—	—	39	39	—	1	1
Netherlands	1	2	0	4,742	25,190	660	153	813
New Zealand	12	1	—	112	112	—	4	4
Nicaragua	—	4	—	570	835	9	18	27
Nigeria	—	1	—	794	794	—	26	26
Norway	—	0	—	1,681	4,415	88	54	142
Pakistan	—	0	—	292	292	—	9	9
Panama	43	24	0	4,579	5,387	26	148	174
Peru	—	21	0	4,461	5,286	27	144	171
Philippines	—	1	0	302	302	—	10	10
Portugal	—	0	—	795	795	—	26	26
Puerto Rico	0	9	0	154	154	—	5	5
Romania	—	—	—	—	—	—	—	—
Saudi Arabia	—	28	—	39	39	—	1	1
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—
Singapore	—	37	0	2,961	16,357	432	96	528
South Africa	0	1	—	841	1,665	27	27	54
Spain	—	88	—	1,509	7,276	186	49	235
Switzerland	—	0	—	1,197	1,197	—	39	39
Taiwan	0	3	0	560	6,689	198	18	216
Thailand	1	4	0	229	4,786	147	7	154
Trinidad and Tobago	—	2	—	372	372	—	12	12
Turkiye	0	45	—	3,187	3,187	—	103	103
United Arab Emirates	0	4	0	281	281	—	9	9
United Kingdom	—	2	—	3,807	8,234	143	123	266
Venezuela	—	5	—	472	472	—	15	15
Other	45	88	1	7,850	12,839	159	251	411
Total	697	3,029	42	188,009	324,592	4,406	6,065	10,471

-- = Not Applicable.

- = No Data Reported.

1 On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

2 EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, September 2023
(Thousand Barrels)

Destination	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	—	1	—	—	—	—	—	—	—	—
Australia	972	633	—	1	—	0	0	0	0	1
Bahamas	—	56	—	165	—	51	51	—	0	0
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	3,064	—	7	—	—	—	—	—	—
Belize	—	—	—	—	—	43	43	—	—	—
Brazil	1,578	78	—	1,040	—	610	610	—	—	—
Canada	10,117	5,786	—	2,678	—	184	184	—	338	338
Cayman Islands	—	9	—	—	—	29	29	—	—	—
Chile	—	1,483	—	5	—	486	486	—	1	1
China	16,859	13,150	—	22	—	—	—	—	—	—
Colombia	1,159	121	—	1,916	—	1,958	1,958	—	—	—
Costa Rica	—	267	—	9	—	0	0	0	—	0
Denmark	725	—	—	—	—	—	—	—	—	—
Dominican Republic	550	1,004	—	1	—	85	85	—	0	0
Ecuador	—	1,072	—	1	—	—	—	—	300	300
Egypt	—	1,776	—	0	—	—	—	—	—	—
El Salvador	—	385	—	0	—	532	532	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	3,372	1,762	—	—	—	—	—	—	—	—
Germany	3,869	0	—	2	—	—	—	—	0	0
Ghana	—	860	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	—	—	—	—	—	—	—
Greece	—	—	—	—	—	0	0	0	—	0
Guatemala	—	200	—	5	—	1,801	1,801	—	—	—
Honduras	—	362	—	9	—	429	429	—	—	—
Hong Kong	—	—	—	0	—	—	—	—	—	—
India	4,686	2,869	—	457	—	—	—	—	—	—
Indonesia	616	3,175	—	—	—	—	—	—	—	—
Ireland	614	—	—	—	—	0	0	1	—	1
Israel	—	—	—	—	—	—	—	—	—	—
Italy	6,858	409	—	0	—	—	—	—	—	—
Jamaica	—	24	—	0	—	115	115	—	—	—
Japan	2,049	15,110	—	650	—	1	1	1	—	1
Korea, South	16,328	5,154	—	50	—	1	1	—	0	0
Lebanon	—	—	—	—	—	—	—	—	—	—
Mexico	—	5,770	—	682	—	14,419	14,419	—	1,107	1,107
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	—	1,874	—	—	—	—	—	—	—	—
Mozambique	—	—	—	—	—	—	—	—	—	—
Netherlands	17,094	3,143	—	1,221	—	—	—	—	—	—
New Zealand	—	—	—	—	—	—	—	—	—	—
Nicaragua	273	—	—	—	—	96	96	—	—	—
Nigeria	—	230	—	—	—	—	—	—	—	—
Norway	600	1,690	—	0	—	—	—	—	—	—
Pakistan	—	—	—	—	—	—	—	—	—	—
Panama	1,049	276	—	0	—	741	741	—	35	35
Peru	1,773	711	—	7	—	1,053	1,053	—	—	—
Philippines	—	0	—	0	—	—	—	—	—	—
Portugal	—	33	—	—	—	—	—	—	—	—
Puerto Rico	—	4	—	0	—	2	2	—	0	0
Romania	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	2	—	1	1	0	—	0
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—	—	—
Singapore	8,113	1,767	—	1	—	—	—	—	0	0
South Africa	1,721	214	—	—	—	—	—	—	—	—
Spain	6,889	1,694	—	18	—	—	—	—	—	—
Switzerland	—	—	—	1	—	—	—	—	—	—
Taiwan	3,999	—	—	673	—	0	0	0	—	0
Thailand	4,053	—	—	0	—	—	—	—	—	—
Trinidad and Tobago	—	0	—	0	—	179	179	—	0	0
Turkiye	—	1,604	—	0	—	—	—	—	—	—
United Arab Emirates	—	—	—	0	—	1	1	—	—	—
United Kingdom	4,602	885	—	0	—	1	1	0	—	0
Venezuela	—	0	—	—	—	0	0	0	0	0
Other	3,591	3,690	—	518	—	16	16	1	195	194
Total	124,109	82,395	—	10,141	—	22,834	22,834	3	1,976	1,978

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, September 2023
(Thousand Barrels) — Continued

Destination	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
Argentina	—	—	NA	NA	806	—	—	—	806	—	—
Australia	0	—	NA	NA	0	—	—	—	0	0	—
Bahamas	—	—	NA	NA	404	—	277	—	681	—	—
Bahrain	—	—	NA	NA	—	—	—	—	—	—	—
Belgium	0	—	NA	NA	—	—	—	—	—	—	—
Belize	—	—	NA	NA	36	—	—	—	36	—	—
Brazil	0	—	NA	NA	1,550	214	—	—	1,764	—	—
Canada	1,424	367	NA	NA	1	263	74	—	339	130	—
Cayman Islands	—	—	NA	NA	44	—	—	—	44	—	—
Chile	0	—	NA	NA	2,761	—	—	—	2,761	—	—
China	0	—	NA	NA	1	—	—	—	1	—	—
Colombia	197	—	NA	NA	629	—	—	—	629	—	—
Costa Rica	0	—	NA	NA	478	—	—	—	478	0	—
Denmark	—	—	NA	NA	0	—	—	—	0	—	—
Dominican Republic	2	—	NA	NA	401	—	516	—	917	0	—
Ecuador	0	—	NA	NA	2,290	—	—	—	2,290	—	—
Egypt	—	—	NA	NA	—	—	—	—	—	—	—
El Salvador	0	—	NA	NA	—	347	—	—	347	—	—
Finland	—	—	NA	NA	—	—	—	—	—	—	—
France	0	—	NA	NA	609	—	—	—	609	—	—
Germany	0	1	NA	NA	—	—	—	—	—	0	—
Ghana	—	—	NA	NA	—	—	—	—	—	—	—
Gibraltar	—	—	NA	NA	—	—	—	—	—	—	—
Greece	0	—	NA	NA	—	—	—	—	—	—	—
Guatemala	—	—	NA	NA	84	997	—	—	1,081	0	—
Honduras	—	—	NA	NA	362	439	—	—	801	0	—
Hong Kong	—	—	NA	NA	—	—	—	—	—	—	—
India	0	—	NA	NA	0	—	—	—	0	—	—
Indonesia	0	—	NA	NA	0	—	—	—	0	—	—
Ireland	1	—	NA	NA	—	—	—	—	—	—	—
Israel	1	—	NA	NA	—	—	—	—	—	0	—
Italy	1	1	NA	NA	—	—	—	—	—	—	—
Jamaica	76	—	NA	NA	—	—	—	—	—	—	—
Japan	0	—	NA	NA	0	—	—	—	0	—	—
Korea, South	122	—	NA	NA	0	—	—	—	0	0	—
Lebanon	—	—	NA	NA	—	—	—	—	—	—	—
Mexico	132	0	NA	NA	9,081	1	2	—	9,084	2	—
Montenegro	—	—	NA	NA	—	—	—	—	—	—	—
Morocco	—	—	NA	NA	1	—	—	—	1	—	—
Mozambique	—	—	NA	NA	—	—	—	—	—	—	—
Netherlands	130	—	NA	NA	372	—	—	—	372	—	—
New Zealand	—	—	NA	NA	—	—	—	—	—	—	—
Nicaragua	0	—	NA	NA	123	166	—	—	288	20	—
Nigeria	0	—	NA	NA	—	—	—	—	—	—	—
Norway	34	—	NA	NA	—	—	—	—	—	—	—
Pakistan	—	—	NA	NA	2	—	—	—	2	—	—
Panama	—	—	NA	NA	2,505	111	302	—	2,918	—	—
Peru	72	40	NA	NA	2,174	—	—	—	2,174	0	—
Philippines	56	—	NA	NA	—	—	—	—	—	—	—
Portugal	—	—	NA	NA	—	—	—	—	—	—	—
Puerto Rico	5	—	NA	NA	135	—	—	—	135	—	—
Romania	—	—	NA	NA	—	—	—	—	—	—	—
Saudi Arabia	0	—	NA	NA	—	—	—	—	—	—	—
Serbia (Excludes Kosovo)	—	—	NA	NA	—	—	—	—	—	—	—
Singapore	19	—	NA	NA	—	—	525	—	525	—	—
South Africa	—	—	NA	NA	—	—	—	—	—	—	—
Spain	—	—	NA	NA	—	—	—	—	—	—	—
Switzerland	1	—	NA	NA	—	—	—	—	—	—	—
Taiwan	1	—	NA	NA	1	—	—	—	1	—	—
Thailand	0	—	NA	NA	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	NA	NA	272	—	—	—	272	—	—
Turkiye	—	—	NA	NA	—	—	—	—	—	—	—
United Arab Emirates	114	—	NA	NA	0	—	—	—	0	1	—
United Kingdom	325	—	NA	NA	1,303	—	—	—	1,303	—	—
Venezuela	0	—	NA	NA	1	—	—	—	1	—	—
Other	186	1	NA	NA	1,089	—	598	—	1,687	1	—
Total	2,899	410	NA	NA	27,515	2,538	2,294	—	32,347	154	—

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, September 2023
(Thousand Barrels) — Continued

Destination	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
Argentina	—	94	—	0	—	58	0	—
Australia	—	—	—	—	—	—	1	155
Bahamas	—	86	—	821	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	0	0
Belize	—	15	—	—	—	—	0	—
Brazil	—	—	—	0	—	—	4	1,260
Canada	—	856	—	838	—	—	101	768
Cayman Islands	—	6	—	—	—	—	—	—
Chile	—	1	—	0	—	—	0	0
China	—	—	—	3	—	—	2	1,942
Colombia	—	—	—	0	—	—	0	—
Costa Rica	—	133	—	—	—	—	0	—
Denmark	—	—	—	—	—	—	—	—
Dominican Republic	—	243	—	50	—	—	0	335
Ecuador	—	—	—	—	—	—	0	—
Egypt	—	—	—	—	—	—	—	—
El Salvador	—	151	—	—	—	—	0	—
Finland	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	0	—
Germany	—	—	—	0	—	—	5	—
Ghana	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	—	—	—	—	—
Greece	—	—	—	—	—	—	—	—
Guatemala	—	70	—	—	—	—	0	272
Honduras	—	41	—	—	—	—	—	—
Hong Kong	—	—	—	—	—	—	0	—
India	—	—	—	0	—	460	1	2,101
Indonesia	—	—	—	—	—	—	0	—
Ireland	—	—	—	—	—	—	—	341
Israel	—	333	—	—	—	—	—	0
Italy	—	—	—	—	—	63	—	631
Jamaica	—	75	—	—	—	—	—	—
Japan	—	1	—	0	—	—	0	956
Korea, South	—	—	—	269	—	—	0	239
Lebanon	—	—	—	—	—	—	—	—
Mexico	—	1,299	—	425	—	87	15	1,409
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	—	—	482
Mozambique	—	—	—	—	—	—	—	33
Netherlands	—	—	—	210	—	—	3	380
New Zealand	—	—	—	—	—	—	0	—
Nicaragua	—	0	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	108
Pakistan	—	—	—	—	—	—	—	—
Panama	—	426	—	489	—	50	—	—
Peru	—	223	—	—	—	—	0	—
Philippines	—	—	—	—	—	—	0	0
Portugal	—	—	—	—	—	—	—	—
Puerto Rico	—	1	—	—	—	—	0	—
Romania	—	—	—	—	—	—	—	—
Saudi Arabia	—	1	—	—	—	—	0	1
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	—	0	—
South Africa	—	—	—	—	—	—	0	39
Spain	—	—	—	—	—	—	0	297
Switzerland	—	—	—	—	—	—	0	—
Taiwan	—	—	—	0	—	—	0	—
Thailand	—	—	—	—	—	217	0	—
Trinidad and Tobago	—	0	—	—	—	—	—	—
Turkiye	—	—	—	—	—	—	0	532
United Arab Emirates	—	—	—	—	—	—	—	138
United Kingdom	—	—	—	—	—	—	1	0
Venezuela	—	—	—	—	—	—	—	—
Other	—	130	—	78	—	1	4	727
Total	—	4,185	—	3,183	—	936	137	13,146

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, September 2023
(Thousand Barrels) — Continued

Destination	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
						Crude Oil	Products	Total
Argentina	38	23	—	1,020	1,020	—	34	34
Australia	0	3	0	795	1,767	32	26	59
Bahamas	3	4	—	1,868	1,868	—	62	62
Bahrain	—	0	—	0	0	—	0	0
Belgium	151	403	0	3,626	3,626	—	121	121
Belize	—	1	—	95	95	—	3	3
Brazil	—	434	1	5,193	6,770	53	173	226
Canada	183	294	3	14,289	24,406	337	476	814
Cayman Islands	1	2	—	92	92	—	3	3
Chile	137	73	0	4,947	4,947	—	165	165
China	8	8	1	15,136	31,995	562	505	1,067
Colombia	0	86	0	4,909	6,068	39	164	202
Costa Rica	0	17	0	905	905	—	30	30
Denmark	—	—	—	0	725	24	0	24
Dominican Republic	53	24	—	2,713	3,263	18	90	109
Ecuador	—	120	9	3,792	3,792	—	126	126
Egypt	—	0	—	1,776	1,776	—	59	59
El Salvador	—	50	—	1,466	1,466	—	49	49
Finland	—	1	—	1	1	—	0	0
France	—	114	—	2,485	5,857	112	83	195
Germany	3	2	0	13	3,882	129	0	129
Ghana	—	0	—	860	860	—	29	29
Gibraltar	—	—	—	—	—	—	—	—
Greece	—	0	—	0	0	—	0	0
Guatemala	—	18	—	3,447	3,447	—	115	115
Honduras	—	11	—	1,653	1,653	—	55	55
Hong Kong	—	0	0	1	1	—	0	0
India	0	153	0	6,043	10,730	156	201	358
Indonesia	1	3	—	3,179	3,795	21	106	127
Ireland	—	—	0	342	957	20	11	32
Israel	—	2	—	337	337	—	11	11
Italy	—	0	—	1,106	7,964	229	37	265
Jamaica	19	5	0	315	315	—	11	11
Japan	0	11	4	16,735	18,784	68	558	626
Korea, South	0	7	1	5,844	22,172	544	195	739
Lebanon	—	0	—	0	0	—	0	0
Mexico	107	1,382	20	35,939	35,939	—	1,198	1,198
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	0	—	2,357	2,357	—	79	79
Mozambique	—	0	—	33	33	—	1	1
Netherlands	1	1	0	5,461	22,555	570	182	752
New Zealand	0	1	—	1	1	—	0	0
Nicaragua	—	4	—	408	681	9	14	23
Nigeria	—	98	—	328	328	—	11	11
Norway	—	0	—	1,833	2,433	20	61	81
Pakistan	—	—	—	2	2	—	0	0
Panama	—	27	—	4,963	6,013	35	165	200
Peru	0	104	5	4,390	6,163	59	146	205
Philippines	—	0	0	57	57	—	2	2
Portugal	—	—	—	33	33	—	1	1
Puerto Rico	0	14	—	161	161	—	5	5
Romania	—	1	—	1	1	—	0	0
Saudi Arabia	0	3	—	7	7	—	0	0
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—
Singapore	0	2	—	2,314	10,427	270	77	348
South Africa	0	53	—	306	2,027	57	10	68
Spain	—	0	—	2,009	8,898	230	67	297
Switzerland	—	0	—	2	2	—	0	0
Taiwan	—	4	0	678	4,677	133	23	156
Thailand	1	4	0	223	4,276	135	7	143
Trinidad and Tobago	0	4	—	456	456	—	15	15
Turkiye	0	112	0	2,249	2,249	—	75	75
United Arab Emirates	1	8	—	263	263	—	9	9
United Kingdom	—	1	—	2,515	7,117	153	84	237
Venezuela	—	9	—	11	11	—	0	0
Other	24	39	3	7,279	10,868	122	245	361
Total	731	3,740	47	179,262	303,371	4,137	5,975	10,112

-- = Not Applicable.

- = No Data Reported.

1 On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

2 EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, October 2023
(Thousand Barrels)

Destination	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	—	—	—	0	—	—	—	—	—	—
Australia	—	0	—	0	—	0	0	0	—	0
Bahamas	—	15	—	0	—	306	306	—	266	266
Bahrain	—	—	—	—	—	0	0	—	—	—
Belgium	—	1,313	—	649	—	—	—	—	—	—
Belize	—	25	—	—	—	116	116	—	—	—
Brazil	2,334	654	—	500	—	—	—	—	0	0
Canada	10,021	4,875	—	3,318	—	235	235	—	556	556
Cayman Islands	—	10	—	—	—	9	9	—	—	—
Chile	—	262	—	0	—	109	109	—	2	2
China	17,594	15,011	—	147	—	—	—	—	—	—
Colombia	521	187	—	965	—	1,309	1,309	—	—	—
Costa Rica	—	156	—	1	—	347	347	—	—	—
Denmark	1,416	—	—	—	—	—	—	—	—	—
Dominican Republic	1,028	1,126	—	7	—	188	188	1	0	1
Ecuador	—	797	—	0	—	895	895	—	—	—
Egypt	—	1,751	—	0	—	—	—	—	—	—
El Salvador	—	240	—	—	—	458	458	—	—	—
Finland	762	—	—	—	—	—	—	—	—	—
France	3,128	682	—	318	—	—	—	—	—	—
Germany	3,193	—	—	6	—	0	0	—	—	—
Ghana	—	240	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	—	—	—	—	—	—	—
Greece	—	273	—	—	—	—	—	—	—	—
Guatemala	—	287	—	4	—	1,934	1,934	—	—	—
Honduras	—	402	—	1	—	670	670	—	—	—
Hong Kong	434	—	—	257	—	—	—	—	—	—
India	3,489	2,903	—	19	—	1	1	—	—	—
Indonesia	—	4,248	—	0	—	—	—	—	—	—
Ireland	1,875	—	—	—	—	—	—	—	—	—
Israel	—	—	—	0	—	—	—	—	—	—
Italy	5,352	729	—	—	—	—	—	—	—	—
Jamaica	—	129	—	1	—	88	88	—	—	—
Japan	4,252	19,178	—	402	—	—	—	4	—	4
Korea, South	16,274	5,329	—	0	—	0	0	—	0	0
Lebanon	—	—	—	—	—	—	—	—	—	—
Mexico	—	5,961	—	398	—	17,255	17,255	21	1,261	1,282
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	—	1,856	—	—	—	—	—	—	—	—
Mozambique	—	—	—	—	—	—	—	—	—	—
Netherlands	26,645	2,911	—	318	—	0	0	0	—	0
New Zealand	—	—	—	0	—	—	—	—	—	—
Nicaragua	270	0	—	—	—	128	128	—	—	—
Nigeria	—	722	—	—	—	—	—	—	—	—
Norway	951	1,435	—	41	—	—	—	—	—	—
Pakistan	—	—	—	—	—	—	—	—	—	—
Panama	625	213	—	0	—	645	645	—	—	—
Peru	400	934	—	—	—	394	394	0	0	0
Philippines	—	0	—	0	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—
Puerto Rico	—	0	—	1	—	1	1	—	0	0
Romania	—	—	—	1	—	—	—	—	—	—
Saudi Arabia	—	—	—	3	—	—	—	—	—	—
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—	—	—
Singapore	5,775	2,342	—	184	—	—	—	—	0	0
South Africa	—	1,694	—	—	—	—	—	—	—	—
Spain	4,418	686	—	—	—	—	—	—	—	—
Switzerland	—	—	—	—	—	—	—	—	—	—
Taiwan	4,563	1	—	897	—	—	—	—	—	—
Thailand	850	—	—	3	—	—	—	—	—	—
Trinidad and Tobago	—	0	—	1	—	—	—	—	—	—
Turkiye	—	1,029	—	—	—	—	—	—	—	—
United Arab Emirates	—	0	—	1	—	1	1	0	—	0
United Kingdom	7,529	1,171	—	0	—	0	0	—	—	—
Venezuela	—	0	—	450	—	0	0	0	—	0
Other	4,282	3,423	—	1	—	444	444	—	1	1
Total	127,981	85,200	—	8,894	—	25,533	25,533	26	2,086	2,112

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, October 2023
(Thousand Barrels) — Continued

Destination	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
Argentina	0	—	NA	NA	454	—	—	—	454	—	—
Australia	0	—	NA	NA	0	—	—	—	0	—	—
Bahamas	0	—	NA	NA	98	—	441	—	539	—	—
Bahrain	0	—	NA	NA	—	—	—	—	—	—	—
Belgium	0	—	NA	NA	330	—	—	—	330	—	—
Belize	—	—	NA	NA	41	—	—	—	41	—	—
Brazil	0	—	NA	NA	1,126	—	—	—	1,126	—	—
Canada	1,523	416	NA	NA	49	331	21	—	401	3	—
Cayman Islands	0	—	NA	NA	67	—	—	—	67	—	—
Chile	0	—	NA	NA	1,865	—	—	—	1,865	—	—
China	0	—	NA	NA	2	2	—	—	5	—	—
Colombia	0	—	NA	NA	815	—	—	—	815	—	—
Costa Rica	0	—	NA	NA	709	—	—	—	709	0	—
Denmark	—	—	NA	NA	—	—	—	—	—	—	—
Dominican Republic	0	—	NA	NA	53	—	268	—	322	0	—
Ecuador	0	—	NA	NA	846	570	285	—	1,701	—	—
Egypt	—	—	NA	NA	—	—	—	—	—	—	—
El Salvador	—	—	NA	NA	464	119	—	—	583	0	—
Finland	—	—	NA	NA	—	—	—	—	—	—	—
France	—	—	NA	NA	287	—	—	—	287	300	—
Germany	0	0	NA	NA	0	—	—	—	0	—	—
Ghana	—	—	NA	NA	307	—	—	—	307	—	—
Gibraltar	—	—	NA	NA	—	—	—	—	—	—	—
Greece	—	—	NA	NA	—	—	—	—	—	—	—
Guatemala	—	—	NA	NA	405	719	—	—	1,124	0	—
Honduras	—	—	NA	NA	255	343	—	—	598	2	—
Hong Kong	0	—	NA	NA	0	—	—	—	0	—	—
India	326	0	NA	NA	502	—	—	—	502	—	—
Indonesia	—	—	NA	NA	2	—	—	—	2	—	—
Ireland	3	—	NA	NA	—	—	—	—	—	—	—
Israel	1	—	NA	NA	0	—	—	—	0	—	—
Italy	2	—	NA	NA	—	—	—	—	—	—	—
Jamaica	12	—	NA	NA	159	—	—	—	159	0	—
Japan	0	—	NA	NA	0	—	—	—	0	—	—
Korea, South	143	0	NA	NA	3	—	—	—	3	—	—
Lebanon	—	—	NA	NA	—	—	—	—	—	—	—
Mexico	120	—	NA	NA	9,562	0	40	—	9,602	0	—
Montenegro	—	—	NA	NA	—	—	—	—	—	—	—
Morocco	—	—	NA	NA	322	—	—	—	322	—	—
Mozambique	—	—	NA	NA	—	—	—	—	—	—	—
Netherlands	33	—	NA	NA	1,073	639	425	—	2,137	—	—
New Zealand	—	—	NA	NA	—	—	—	—	—	—	—
Nicaragua	—	—	NA	NA	78	274	—	—	352	20	—
Nigeria	—	—	NA	NA	—	307	—	—	307	—	—
Norway	—	0	NA	NA	—	—	1	—	1	—	—
Pakistan	—	—	NA	NA	—	—	—	—	—	—	—
Panama	—	—	NA	NA	2,613	—	310	—	2,924	0	—
Peru	136	34	NA	NA	2,469	—	—	—	2,469	—	—
Philippines	155	—	NA	NA	—	—	—	—	—	—	—
Portugal	—	—	NA	NA	—	—	—	—	—	—	—
Puerto Rico	4	—	NA	NA	135	1	—	—	136	0	—
Romania	—	—	NA	NA	—	—	—	—	—	—	—
Saudi Arabia	—	—	NA	NA	1	—	—	—	1	0	—
Serbia (Excludes Kosovo) ..	—	—	NA	NA	—	—	—	—	—	—	—
Singapore	13	—	NA	NA	679	—	728	—	1,407	0	—
South Africa	—	—	NA	NA	—	—	—	—	—	—	—
Spain	—	—	NA	NA	—	—	—	—	—	—	—
Switzerland	2	—	NA	NA	—	—	—	—	—	—	—
Taiwan	1	—	NA	NA	—	—	—	—	—	—	—
Thailand	0	—	NA	NA	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	NA	NA	—	—	200	—	200	—	—
Turkiye	—	—	NA	NA	—	—	—	—	—	—	—
United Arab Emirates	0	—	NA	NA	0	—	—	—	0	1	—
United Kingdom	301	0	NA	NA	600	—	—	—	600	—	—
Venezuela	0	—	NA	NA	—	—	—	—	—	—	—
Other	2	1	NA	NA	943	—	66	—	1,006	1	—
Total	2,777	451	NA	NA	27,314	3,305	2,785	—	33,404	327	—

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, October 2023
(Thousand Barrels) — Continued

Destination	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
Argentina	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	0	67
Bahamas	-	28	-	331	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	0	55
Belize	-	10	-	-	-	-	-	-
Brazil	-	-	-	138	-	-	2	946
Canada	-	1,168	-	431	-	-	85	413
Cayman Islands	-	3	-	-	-	-	-	-
Chile	-	54	-	0	-	-	0	-
China	-	-	-	1	-	-	3	2,786
Colombia	-	0	-	-	-	-	0	0
Costa Rica	-	207	-	-	-	-	0	-
Denmark	-	-	-	-	-	-	-	-
Dominican Republic	-	109	-	-	-	-	0	-
Ecuador	-	0	-	-	-	-	-	204
Egypt	-	-	-	-	-	-	0	-
El Salvador	-	28	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-
France	-	0	-	-	-	-	0	-
Germany	-	-	-	0	-	-	3	0
Ghana	-	-	-	-	-	-	0	-
Gibraltar	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	-	-	-
Guatemala	-	49	-	-	-	-	0	602
Honduras	-	35	-	-	-	-	-	298
Hong Kong	-	-	-	-	-	-	0	-
India	-	0	-	0	-	497	1	3,380
Indonesia	-	-	-	0	-	-	0	0
Ireland	-	-	-	-	-	-	-	132
Israel	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	727
Jamaica	-	100	-	78	-	-	0	182
Japan	-	0	-	0	-	-	0	1,791
Korea, South	-	0	-	270	-	-	0	0
Lebanon	-	-	-	-	-	-	-	-
Mexico	-	1,489	-	264	-	87	23	603
Montenegro	-	-	-	-	-	-	-	-
Morocco	-	-	-	-	-	-	-	151
Mozambique	-	-	-	-	-	-	-	107
Netherlands	-	-	-	533	-	-	3	248
New Zealand	-	-	-	-	-	-	0	88
Nicaragua	-	0	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	0
Norway	-	-	-	-	-	-	-	84
Pakistan	-	-	-	-	-	-	-	94
Panama	-	551	-	590	-	-	0	-
Peru	-	199	-	0	-	-	-	0
Philippines	-	-	-	-	-	-	0	0
Portugal	-	-	-	-	-	-	-	-
Puerto Rico	-	175	-	-	-	-	0	-
Romania	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	420	-	-	0	1
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-
Singapore	-	-	-	0	-	338	0	-
South Africa	-	-	-	-	-	-	0	81
Spain	-	-	-	-	-	-	0	418
Switzerland	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-
Thailand	-	-	-	-	-	719	0	0
Trinidad and Tobago	-	-	-	-	-	-	-	0
Turkiye	-	-	-	1	-	-	0	277
United Arab Emirates	-	-	-	-	-	-	0	308
United Kingdom	-	-	-	-	-	-	1	30
Venezuela	-	-	-	1	-	-	-	-
Other	-	335	-	437	-	1	3	1,262
Total	-	4,540	-	3,495	-	1,642	124	15,335

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, October 2023
(Thousand Barrels) — Continued

Destination	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
						Crude Oil	Products	Total
Argentina	0	121	—	575	575	—	19	19
Australia	0	5	—	74	74	—	2	2
Bahamas	3	4	—	1,491	1,491	—	48	48
Bahrain	—	1	—	1	1	—	0	0
Belgium	0	150	2	2,500	2,500	—	81	81
Belize	—	1	—	192	192	—	6	6
Brazil	43	358	1	3,767	6,101	75	122	197
Canada	97	259	3	13,783	23,805	323	445	768
Cayman Islands	0	1	—	91	91	—	3	3
Chile	—	50	—	2,342	2,342	—	76	76
China	21	7	0	17,980	35,575	568	580	1,148
Colombia	1	103	0	3,381	3,901	17	109	126
Costa Rica	82	11	—	1,515	1,515	—	49	49
Denmark	—	0	—	0	1,416	46	0	46
Dominican Republic	65	29	0	1,847	2,875	33	60	93
Ecuador	0	21	—	3,618	3,618	—	117	117
Egypt	—	0	0	1,751	1,751	—	56	56
El Salvador	0	9	—	1,318	1,318	—	43	43
Finland	0	0	—	0	762	25	0	25
France	—	42	—	1,629	4,757	101	53	153
Germany	3	1	0	13	3,207	103	0	103
Ghana	—	0	—	547	547	—	18	18
Gibraltar	—	—	—	—	—	—	—	—
Greece	—	0	—	274	274	—	9	9
Guatemala	72	13	7	4,092	4,092	—	132	132
Honduras	49	12	0	2,068	2,068	—	67	67
Hong Kong	—	1	0	258	692	14	8	22
India	0	138	0	7,767	11,256	113	251	363
Indonesia	2	8	—	4,260	4,260	—	137	137
Ireland	—	0	0	135	2,010	60	4	65
Israel	—	2	0	3	3	—	0	0
Italy	—	0	—	1,459	6,811	173	47	220
Jamaica	—	5	0	755	755	—	24	24
Japan	1	13	6	21,396	25,648	137	690	827
Korea, South	0	9	0	5,756	22,030	525	186	711
Lebanon	—	0	—	0	0	—	0	0
Mexico	162	1,085	14	38,345	38,345	—	1,237	1,237
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	0	—	2,328	2,328	—	75	75
Mozambique	—	—	—	107	107	—	3	3
Netherlands	0	2	0	6,185	32,830	860	200	1,059
New Zealand	—	1	—	89	89	—	3	3
Nicaragua	—	7	—	506	776	9	16	25
Nigeria	—	289	—	1,318	1,318	—	43	43
Norway	—	0	—	1,561	2,512	31	50	81
Pakistan	—	0	0	94	94	—	3	3
Panama	—	27	—	4,949	5,574	20	160	180
Peru	—	43	—	4,209	4,609	13	136	149
Philippines	0	1	0	157	157	—	5	5
Portugal	—	0	—	0	0	—	0	0
Puerto Rico	—	12	—	331	331	—	11	11
Romania	—	0	—	1	1	—	0	0
Saudi Arabia	—	3	—	428	428	—	14	14
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—
Singapore	0	13	0	4,297	10,073	186	139	325
South Africa	0	60	—	1,835	1,835	—	59	59
Spain	—	5	—	1,110	5,528	143	36	178
Switzerland	—	0	—	2	2	—	0	0
Taiwan	1	3	0	903	5,465	147	29	176
Thailand	1	4	0	728	1,578	27	23	51
Trinidad and Tobago	0	25	0	226	226	—	7	7
Turkiye	0	2	—	1,309	1,309	—	42	42
United Arab Emirates	1	31	0	343	343	—	11	11
United Kingdom	—	4	—	2,107	9,636	243	68	311
Venezuela	—	8	—	460	460	—	15	15
Other	54	72	3	7,032	11,312	136	225	363
Total	658	3,071	36	187,598	315,579	4,128	6,052	10,180

-- = Not Applicable.

- = No Data Reported.

1 On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

2 EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, November 2023
(Thousand Barrels)

Destination	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	—	—	—	0	—	88	88	—	—	—
Australia	1,449	940	—	—	—	—	—	1	—	1
Bahamas	—	98	—	295	—	1,291	1,291	—	2,187	2,187
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	1,630	—	332	—	—	—	—	—	—
Belize	—	25	—	—	—	175	175	—	—	—
Brazil	1,715	579	—	1,055	—	609	609	—	0	0
Canada	9,447	5,906	—	3,671	—	366	366	—	1,105	1,105
Cayman Islands	—	—	—	—	—	10	10	—	—	—
Chile	—	1,079	—	6	—	300	300	—	110	110
China	12,118	14,803	—	8	—	—	—	—	—	—
Colombia	523	88	—	644	—	1,297	1,297	—	0	0
Costa Rica	—	117	—	24	—	615	615	0	—	0
Denmark	2,766	—	—	—	—	—	—	—	—	—
Dominican Republic	1,049	1,160	—	1	—	340	340	—	—	—
Ecuador	—	1,473	—	—	—	1,511	1,511	—	—	—
Egypt	—	494	—	—	—	—	—	—	—	—
El Salvador	0	372	—	0	—	432	432	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	3,792	900	—	—	—	—	—	—	—	—
Germany	7,191	—	—	3	—	0	0	—	—	—
Ghana	—	140	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	—	—	—	—	—	—	—
Greece	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	1	—	1,514	1,514	—	0	0
Honduras	—	527	—	9	—	424	424	—	0	0
Hong Kong	—	19	—	0	—	—	—	—	—	—
India	4,057	3,694	—	0	—	—	—	—	—	—
Indonesia	1,711	3,578	—	0	—	—	—	—	—	—
Ireland	680	—	—	—	—	—	—	—	—	—
Israel	—	1	—	0	—	—	—	—	—	—
Italy	5,367	157	—	8	—	—	—	0	—	0
Jamaica	—	51	—	—	—	118	118	—	—	—
Japan	3,606	11,927	—	329	—	0	0	0	—	0
Korea, South	14,331	7,054	—	0	—	0	0	—	25	25
Lebanon	—	—	—	—	—	—	—	—	—	—
Mexico	—	5,753	—	426	—	14,258	14,258	33	1,107	1,140
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	—	2,464	—	—	—	—	—	—	—	—
Mozambique	—	—	—	—	—	162	162	—	—	—
Netherlands	14,756	3,825	—	823	—	—	—	—	0	0
New Zealand	—	—	—	0	—	0	0	—	—	—
Nicaragua	270	—	—	—	—	123	123	—	—	—
Nigeria	—	730	—	0	—	321	321	—	—	—
Norway	690	1,274	—	—	—	—	—	—	—	—
Pakistan	—	—	—	—	—	—	—	—	—	—
Panama	619	310	—	0	—	628	628	—	0	0
Peru	621	529	—	259	—	323	323	—	67	67
Philippines	—	268	—	—	—	—	—	—	—	—
Portugal	—	402	—	—	—	—	—	—	—	—
Puerto Rico	—	0	—	0	—	5	5	0	—	0
Romania	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	3	—	2	2	—	—	—
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—	—	—
Singapore	5,160	1,497	—	805	—	—	—	—	—	—
South Africa	—	532	—	—	—	—	—	—	—	—
Spain	7,959	264	—	33	—	—	—	—	—	—
Switzerland	—	822	—	0	—	—	—	—	—	—
Taiwan	7,276	1,725	—	1	—	—	—	—	—	—
Thailand	2,356	280	—	2	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	588	588	—	—	—
Turkiye	—	588	—	—	—	—	—	—	—	—
United Arab Emirates	—	0	—	—	—	1	1	0	—	0
United Kingdom	5,797	910	—	0	—	1	1	—	—	—
Venezuela	—	—	—	448	—	315	315	—	0	0
Other	2,562	4,696	—	13	—	1,148	1,148	1	6	7
Total	117,868	83,681	—	9,199	—	26,965	26,965	35	4,607	4,642

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, November 2023
(Thousand Barrels) — Continued

Destination	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
Argentina	—	—	NA	NA	291	—	—	—	291	—	—
Australia	0	—	NA	NA	1	—	—	—	1	—	—
Bahamas	—	0	NA	NA	248	—	104	—	352	—	—
Bahrain	—	—	NA	NA	—	—	—	—	—	—	—
Belgium	0	—	NA	NA	625	—	—	—	625	—	—
Belize	—	0	NA	NA	37	40	—	—	77	—	—
Brazil	0	—	NA	NA	838	170	—	—	1,008	—	—
Canada	1,167	308	NA	NA	162	57	51	—	270	37	—
Cayman Islands	—	—	NA	NA	68	—	—	—	68	—	—
Chile	0	—	NA	NA	3,312	—	—	—	3,312	—	—
China	0	—	NA	NA	1	—	—	—	1	—	—
Colombia	537	—	NA	NA	474	—	—	—	474	—	—
Costa Rica	0	—	NA	NA	761	—	—	—	761	0	—
Denmark	—	—	NA	NA	—	—	—	—	—	—	—
Dominican Republic	2	—	NA	NA	401	—	50	—	451	—	—
Ecuador	—	—	NA	NA	1,148	279	—	—	1,427	—	—
Egypt	—	—	NA	NA	—	—	—	—	—	—	—
El Salvador	—	—	NA	NA	69	201	—	—	270	—	—
Finland	—	—	NA	NA	—	—	—	—	—	—	—
France	—	—	NA	NA	1,258	—	—	—	1,258	—	—
Germany	—	2	NA	NA	309	—	—	—	309	—	—
Ghana	—	—	NA	NA	—	—	—	—	—	—	—
Gibraltar	—	—	NA	NA	—	—	—	—	—	—	—
Greece	0	—	NA	NA	—	—	—	—	—	—	—
Guatemala	—	—	NA	NA	923	476	—	—	1,399	0	—
Honduras	0	—	NA	NA	95	497	—	—	592	0	—
Hong Kong	—	—	NA	NA	—	—	—	—	—	—	—
India	322	—	NA	NA	1	—	—	—	1	—	—
Indonesia	0	1	NA	NA	0	—	—	—	0	—	—
Ireland	1	—	NA	NA	—	—	—	—	—	—	—
Israel	1	—	NA	NA	—	—	—	—	—	—	—
Italy	2	—	NA	NA	—	—	—	—	—	—	—
Jamaica	84	—	NA	NA	96	—	—	—	96	—	—
Japan	0	—	NA	NA	—	—	—	—	—	0	—
Korea, South	89	—	NA	NA	1	—	—	—	1	—	—
Lebanon	—	—	NA	NA	—	—	—	—	—	—	—
Mexico	82	—	NA	NA	7,880	142	2	—	8,024	0	—
Montenegro	—	—	NA	NA	—	—	—	—	—	—	—
Morocco	—	—	NA	NA	—	—	—	—	—	—	—
Mozambique	—	—	NA	NA	—	—	—	—	—	—	—
Netherlands	182	—	NA	NA	613	330	120	—	1,063	—	—
New Zealand	0	—	NA	NA	—	—	—	—	—	—	—
Nicaragua	—	—	NA	NA	308	95	—	—	403	40	—
Nigeria	—	—	NA	NA	0	—	—	—	0	—	—
Norway	—	—	NA	NA	—	—	—	—	—	—	—
Pakistan	0	—	NA	NA	—	—	—	—	—	—	—
Panama	—	—	NA	NA	2,627	30	130	—	2,787	—	—
Peru	68	50	NA	NA	1,919	—	—	—	1,919	—	—
Philippines	—	—	NA	NA	—	—	—	—	—	—	—
Portugal	—	—	NA	NA	383	—	—	—	383	—	—
Puerto Rico	4	—	NA	NA	—	—	—	—	—	—	—
Romania	—	—	NA	NA	—	—	—	—	—	—	—
Saudi Arabia	0	—	NA	NA	—	—	—	—	—	0	—
Serbia (Excludes Kosovo) ..	—	—	NA	NA	—	—	—	—	—	—	—
Singapore	19	—	NA	NA	210	—	1,110	—	1,320	—	—
South Africa	—	—	NA	NA	—	—	—	—	—	—	—
Spain	—	—	NA	NA	344	—	—	—	344	—	—
Switzerland	1	—	NA	NA	—	—	—	—	—	—	—
Taiwan	0	—	NA	NA	0	—	—	—	0	—	—
Thailand	0	—	NA	NA	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	NA	NA	73	237	360	—	670	—	—
Turkiye	—	—	NA	NA	—	—	—	—	—	—	—
United Arab Emirates	0	—	NA	NA	—	—	—	—	—	0	—
United Kingdom	183	—	NA	NA	2,686	—	—	—	2,686	—	—
Venezuela	—	—	NA	NA	322	—	—	—	322	—	—
Other	2	—	NA	NA	875	643	366	—	1,883	1	—
Total	2,746	361	NA	NA	29,359	3,197	2,293	—	34,848	78	—

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, November 2023
(Thousand Barrels) — Continued

Destination	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
Argentina	-	-	-	0	-	-	1	-
Australia	-	-	-	-	-	-	0	266
Bahamas	-	33	-	366	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	0	15
Belize	-	25	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	5	1,180
Canada	-	2,035	-	606	-	-	88	533
Cayman Islands	-	-	-	-	-	-	-	-
Chile	-	26	-	-	-	-	1	-
China	-	0	-	2	-	-	2	1,461
Colombia	-	-	-	-	-	-	0	0
Costa Rica	-	168	-	-	-	-	0	-
Denmark	-	-	-	339	-	-	0	-
Dominican Republic	-	180	-	0	-	-	0	181
Ecuador	-	-	-	-	-	-	0	-
Egypt	-	-	-	-	-	184	-	-
El Salvador	-	161	-	-	-	-	0	-
Finland	-	-	-	-	-	-	-	-
France	-	306	-	-	-	-	0	151
Germany	-	0	-	30	-	-	1	-
Ghana	-	-	-	-	-	-	-	149
Gibraltar	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	-	-	-
Guatemala	-	106	-	-	-	-	0	521
Honduras	-	65	-	-	-	-	0	-
Hong Kong	-	-	-	-	-	-	0	0
India	-	0	-	54	-	489	1	3,298
Indonesia	-	-	-	-	-	-	0	0
Ireland	-	-	-	-	-	-	-	-
Israel	-	-	-	-	-	-	0	-
Italy	-	-	-	-	-	69	0	68
Jamaica	-	95	-	-	-	-	0	1
Japan	-	-	-	0	-	-	0	1,379
Korea, South	-	0	-	270	-	-	0	-
Lebanon	-	0	-	-	-	-	-	-
Mexico	-	1,372	-	209	-	-	13	1,643
Montenegro	-	-	-	-	-	-	-	-
Morocco	-	-	-	-	-	-	-	269
Mozambique	-	-	-	-	-	-	-	41
Netherlands	-	-	-	60	-	-	2	0
New Zealand	-	-	-	-	-	-	-	-
Nicaragua	-	0	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	0
Norway	-	-	-	-	-	-	0	113
Pakistan	-	-	-	-	-	-	-	0
Panama	-	520	-	457	-	-	-	242
Peru	-	263	-	0	-	-	0	-
Philippines	-	-	-	-	-	-	0	0
Portugal	-	-	-	-	-	-	-	-
Puerto Rico	-	1	-	0	-	-	0	-
Romania	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	240	-	-
South Africa	-	-	-	-	-	-	0	38
Spain	-	-	-	-	-	-	-	440
Switzerland	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	0	-
Thailand	-	-	-	0	-	-	0	-
Trinidad and Tobago	-	-	-	-	-	-	-	-
Turkiye	-	-	-	1	-	-	0	309
United Arab Emirates	-	-	-	-	-	-	0	1
United Kingdom	-	-	-	0	-	-	0	0
Venezuela	-	0	-	-	-	-	-	-
Other	-	291	-	68	-	140	4	182
Total	-	5,647	-	2,462	-	1,122	118	12,481

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, November 2023
(Thousand Barrels) — Continued

Destination	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
						Crude Oil	Products	Total
Argentina	0	33	23	436	436	—	15	15
Australia	0	4	0	1,213	2,662	48	40	89
Bahamas	1	3	—	4,626	4,626	—	154	154
Bahrain	—	0	—	0	0	—	0	0
Belgium	—	1,104	1	3,706	3,706	—	124	124
Belize	—	0	—	303	303	—	10	10
Brazil	41	380	1	4,859	6,573	57	162	219
Canada	86	268	7	16,453	25,900	315	548	863
Cayman Islands	1	1	—	80	80	—	3	3
Chile	89	161	—	5,085	5,085	—	170	170
China	15	6	0	16,298	28,417	404	543	947
Colombia	1	153	0	3,193	3,716	17	106	124
Costa Rica	0	22	0	1,709	1,709	—	57	57
Denmark	—	0	—	339	3,106	92	11	104
Dominican Republic	—	103	—	2,419	3,467	35	81	116
Ecuador	—	124	9	4,544	4,544	—	151	151
Egypt	—	0	—	678	678	—	23	23
El Salvador	—	6	—	1,242	1,242	0	41	41
Finland	—	1	—	1	1	—	0	0
France	—	51	0	2,667	6,459	126	89	215
Germany	3	2	—	351	7,542	240	12	251
Ghana	—	0	—	289	289	—	10	10
Gibraltar	—	—	—	—	—	—	—	—
Greece	—	0	—	0	0	—	0	0
Guatemala	—	15	—	3,557	3,557	—	119	119
Honduras	—	11	—	1,627	1,627	—	54	54
Hong Kong	0	1	0	21	21	—	1	1
India	0	1	0	7,862	11,919	135	262	397
Indonesia	1	3	0	3,583	5,294	57	119	176
Ireland	—	0	0	1	681	23	0	23
Israel	—	0	—	3	3	—	0	0
Italy	—	0	—	304	5,670	179	10	189
Jamaica	0	4	—	449	449	—	15	15
Japan	3	7	4	13,650	17,256	120	455	575
Korea, South	—	8	1	7,449	21,780	478	248	726
Lebanon	—	0	—	0	0	—	0	0
Mexico	186	1,392	58	34,554	34,554	—	1,152	1,152
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	37	—	2,770	2,770	—	92	92
Mozambique	—	—	—	203	203	—	7	7
Netherlands	—	2	—	5,957	20,714	492	199	690
New Zealand	—	0	—	0	0	—	0	0
Nicaragua	—	5	—	571	841	9	19	28
Nigeria	—	0	—	1,051	1,051	—	35	35
Norway	0	0	—	1,387	2,077	23	46	69
Pakistan	—	0	—	0	0	—	0	0
Panama	42	18	—	5,005	5,624	21	167	187
Peru	0	53	0	3,533	4,154	21	118	138
Philippines	—	0	—	269	269	—	9	9
Portugal	—	0	—	786	786	—	26	26
Puerto Rico	0	14	—	24	24	—	1	1
Romania	—	—	—	—	—	—	—	—
Saudi Arabia	—	5	—	11	11	—	0	0
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—
Singapore	0	25	—	3,906	9,066	172	130	302
South Africa	—	103	—	672	672	—	22	22
Spain	—	3	—	1,083	9,043	265	36	301
Switzerland	—	—	—	823	823	—	27	27
Taiwan	—	2	0	1,728	9,004	243	58	300
Thailand	1	6	0	289	2,644	79	10	88
Trinidad and Tobago	—	5	—	1,262	1,262	—	42	42
Turkiye	—	27	—	925	925	—	31	31
United Arab Emirates	1	34	—	38	38	—	1	1
United Kingdom	—	1	—	3,782	9,579	193	126	319
Venezuela	—	6	—	1,091	1,091	—	36	36
Other	51	45	3	8,517	11,079	85	285	373
Total	522	4,255	107	189,234	307,102	3,929	6,308	10,237

-- = Not Applicable.

— = No Data Reported.

1 On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

2 EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, December 2023
(Thousand Barrels)

Destination	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	1	-	-	0	-	193	193	-	-	-
Australia	716	584	-	0	-	737	737	-	0	0
Bahamas	-	69	-	0	-	1,729	1,729	-	791	791
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	1,556	-	1,022	-	-	-	-	-	-
Belize	-	25	-	-	-	85	85	-	-	-
Brazil	1,883	582	-	1,559	-	134	134	-	317	317
Canada	11,442	7,382	-	2,584	-	598	598	-	1,131	1,131
Cayman Islands	-	0	-	-	-	31	31	-	-	-
Chile	-	1,003	-	8	-	930	930	-	0	0
China	5,352	14,942	-	660	-	-	-	-	-	-
Colombia	1,146	108	-	961	-	654	654	-	-	-
Costa Rica	-	291	-	23	-	623	623	0	-	0
Denmark	2,384	-	-	-	-	-	-	-	-	-
Dominican Republic	500	1,120	-	6	-	1,033	1,033	-	0	0
Ecuador	-	1,478	-	-	-	897	897	-	-	-
Egypt	-	2,734	-	-	-	-	-	-	-	-
El Salvador	0	240	-	0	-	474	474	-	-	-
Finland	-	134	-	-	-	-	-	-	-	-
France	7,502	1,513	-	296	-	-	-	-	-	-
Germany	3,713	111	-	9	-	-	-	-	-	-
Ghana	-	379	-	-	-	-	-	-	-	-
Gibraltar	-	-	-	-	-	-	-	-	-	-
Greece	-	379	-	-	-	-	-	-	-	-
Guatemala	-	614	-	7	-	2,070	2,070	-	-	-
Honduras	-	618	-	1	-	574	574	-	-	-
Hong Kong	-	-	-	0	-	-	-	-	-	-
India	2,881	1,059	-	24	-	-	-	-	-	-
Indonesia	-	3,536	-	0	-	-	-	-	-	-
Ireland	2,524	-	-	-	-	-	-	-	-	-
Israel	-	-	-	-	-	-	-	-	-	-
Italy	6,288	-	-	-	-	-	-	-	-	-
Jamaica	-	26	-	-	-	161	161	-	-	-
Japan	968	14,196	-	1,304	-	-	-	-	-	-
Korea, South	15,076	5,578	-	89	-	2	2	-	25	25
Lebanon	-	-	-	-	-	-	-	-	-	-
Mexico	-	6,647	-	407	-	16,667	16,667	21	473	494
Montenegro	-	-	-	-	-	-	-	-	-	-
Morocco	-	1,486	-	-	-	-	-	-	-	-
Mozambique	-	-	-	-	-	-	-	-	-	-
Netherlands	26,411	2,526	-	944	-	0	0	0	-	0
New Zealand	-	-	-	0	-	-	-	-	-	-
Nicaragua	549	0	-	-	-	45	45	-	-	-
Nigeria	-	626	-	-	-	312	312	-	-	-
Norway	911	1,474	-	125	-	-	-	-	-	-
Pakistan	-	-	-	-	-	-	-	-	-	-
Panama	1,676	296	-	0	-	403	403	-	-	-
Peru	-	0	-	2	-	601	601	-	-	-
Philippines	-	0	-	0	-	-	-	-	-	-
Portugal	-	754	-	-	-	-	-	-	-	-
Puerto Rico	-	0	-	0	-	2	2	-	-	-
Romania	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	0	0	-	6	-	1	1	-	-	-
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-	-	-
Singapore	12,661	3,470	-	5	-	0	0	0	11	11
South Africa	824	835	-	-	-	-	-	-	-	-
Spain	7,329	281	-	-	-	-	-	-	-	-
Switzerland	-	-	-	-	-	-	-	-	-	-
Taiwan	10,266	580	-	1	-	-	-	-	-	-
Thailand	2,899	-	-	1	-	-	-	-	-	-
Trinidad and Tobago	-	0	-	0	-	658	658	-	-	-
Turkiye	748	3,311	-	0	-	0	0	-	-	-
United Arab Emirates	-	-	-	1	-	1	1	0	2	2
United Kingdom	9,721	957	-	32	-	30	30	-	-	-
Venezuela	-	-	-	1,688	-	0	0	0	-	0
Other	6,902	2,871	-	5	-	1,690	1,690	1	-	1
Total	143,273	86,371	-	11,770	-	31,335	31,335	22	2,750	2,772

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, December 2023
(Thousand Barrels) — Continued

Destination	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
Argentina	0	0	NA	NA	1,136	—	—	—	1,136	—	—
Australia	0	—	NA	NA	—	—	—	—	—	—	—
Bahamas	0	—	NA	NA	95	175	143	—	412	—	—
Bahrain	—	—	NA	NA	—	—	—	—	—	—	—
Belgium	0	—	NA	NA	553	—	—	—	553	—	—
Belize	—	—	NA	NA	0	—	—	—	0	—	—
Brazil	0	—	NA	NA	1,368	—	—	—	1,368	—	—
Canada	1,035	352	NA	NA	1	51	39	—	92	8	—
Cayman Islands	0	—	NA	NA	377	—	—	—	377	—	—
Chile	0	—	NA	NA	3,287	—	—	—	3,287	0	—
China	0	—	NA	NA	2	2	—	—	3	—	—
Colombia	106	—	NA	NA	497	—	—	—	497	—	—
Costa Rica	0	—	NA	NA	484	—	—	—	484	0	—
Denmark	—	—	NA	NA	—	—	—	—	—	—	—
Dominican Republic	0	—	NA	NA	196	—	209	—	405	0	—
Ecuador	—	—	NA	NA	1,131	298	—	—	1,429	—	—
Egypt	—	—	NA	NA	—	—	—	—	—	—	—
El Salvador	—	—	NA	NA	125	345	—	—	470	0	—
Finland	—	—	NA	NA	—	—	—	—	—	—	—
France	0	—	NA	NA	1,568	—	—	—	1,568	—	—
Germany	0	2	NA	NA	—	—	—	—	—	—	—
Ghana	—	—	NA	NA	—	—	—	—	—	—	—
Gibraltar	—	—	NA	NA	—	—	—	—	—	—	—
Greece	—	—	NA	NA	—	—	—	—	—	—	—
Guatemala	0	—	NA	NA	161	1,068	—	—	1,230	0	—
Honduras	—	—	NA	NA	171	336	—	—	507	0	—
Hong Kong	0	—	NA	NA	—	—	—	—	—	—	—
India	488	—	NA	NA	—	1	0	—	1	—	—
Indonesia	—	—	NA	NA	1	—	—	—	1	—	—
Ireland	0	—	NA	NA	—	—	—	—	—	—	—
Israel	1	—	NA	NA	—	—	—	—	—	—	—
Italy	2	—	NA	NA	—	—	—	—	—	—	—
Jamaica	17	—	NA	NA	35	—	—	—	35	0	—
Japan	0	—	NA	NA	—	—	—	—	—	0	—
Korea, South	198	—	NA	NA	2	—	—	—	2	—	—
Lebanon	—	—	NA	NA	—	—	—	—	—	—	—
Mexico	105	—	NA	NA	7,563	—	6	—	7,569	3	—
Montenegro	—	—	NA	NA	—	—	—	—	—	—	—
Morocco	—	—	NA	NA	620	—	—	—	620	—	—
Mozambique	—	—	NA	NA	—	—	—	—	—	—	—
Netherlands	336	—	NA	NA	6,375	—	—	—	6,375	—	—
New Zealand	—	—	NA	NA	—	—	—	—	—	—	—
Nicaragua	0	—	NA	NA	125	97	—	—	222	20	—
Nigeria	—	—	NA	NA	—	—	—	—	—	—	—
Norway	34	—	NA	NA	0	—	—	—	0	—	—
Pakistan	—	—	NA	NA	—	—	—	—	—	—	—
Panama	—	—	NA	NA	2,284	50	—	—	2,334	—	—
Peru	145	34	NA	NA	2,739	—	—	—	2,739	—	—
Philippines	218	—	NA	NA	—	—	—	—	—	—	—
Portugal	—	—	NA	NA	—	—	—	—	—	—	—
Puerto Rico	3	—	NA	NA	0	—	—	—	0	—	—
Romania	—	—	NA	NA	—	—	—	—	—	—	—
Saudi Arabia	—	—	NA	NA	1	—	—	—	1	0	—
Serbia (Excludes Kosovo) ..	—	—	NA	NA	—	—	—	—	—	—	—
Singapore	42	3	NA	NA	303	—	200	—	503	—	—
South Africa	—	—	NA	NA	—	—	—	—	—	—	—
Spain	—	—	NA	NA	300	—	—	—	300	—	—
Switzerland	0	—	NA	NA	290	—	—	—	290	—	—
Taiwan	2	—	NA	NA	—	—	—	—	—	—	—
Thailand	—	—	NA	NA	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	NA	NA	—	243	—	—	243	—	—
Turkiye	—	—	NA	NA	—	—	—	—	—	—	—
United Arab Emirates	306	—	NA	NA	—	—	—	—	—	1	—
United Kingdom	619	—	NA	NA	1,517	—	—	—	1,517	—	—
Venezuela	0	—	NA	NA	1	—	—	—	1	—	—
Other	50	—	NA	NA	1,681	72	1,019	—	2,772	1	—
Total	3,707	391	NA	NA	34,989	2,738	1,616	—	39,343	33	—

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, December 2023
(Thousand Barrels) — Continued

Destination	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
Argentina	-	-	-	-	-	-	0	-
Australia	-	-	-	0	-	-	0	380
Bahamas	-	45	-	494	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	397	-	-	0	331
Belize	-	-	-	-	-	-	-	-
Brazil	-	105	-	-	-	-	3	1,364
Canada	-	978	-	389	-	-	69	487
Cayman Islands	-	8	-	-	-	-	0	-
Chile	-	566	-	-	-	-	1	0
China	-	-	-	1	-	-	7	1,186
Colombia	-	-	-	-	-	-	0	-
Costa Rica	-	191	-	-	-	-	0	-
Denmark	-	-	-	-	-	-	-	-
Dominican Republic	-	350	-	185	-	-	0	212
Ecuador	-	-	-	0	-	-	-	193
Egypt	-	-	-	-	-	193	-	416
El Salvador	-	167	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-
France	-	320	-	-	-	-	0	418
Germany	-	-	-	-	-	-	1	-
Ghana	-	-	-	-	-	-	-	-
Gibraltar	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	-	-	495
Guatemala	-	77	-	-	-	-	0	-
Honduras	-	28	-	-	-	-	0	287
Hong Kong	-	-	-	-	-	-	0	-
India	-	-	-	1	-	660	0	6,172
Indonesia	-	-	-	-	-	-	-	-
Ireland	-	-	-	-	-	-	0	-
Israel	-	333	-	-	-	-	0	-
Italy	-	-	-	-	-	-	0	671
Jamaica	-	184	-	220	-	-	0	0
Japan	-	-	-	-	-	-	1	2,164
Korea, South	-	-	-	270	-	-	0	575
Lebanon	-	-	-	-	-	-	-	123
Mexico	-	1,894	-	190	-	68	15	1,029
Montenegro	-	-	-	-	-	-	-	-
Morocco	-	-	-	-	-	-	-	649
Mozambique	-	-	-	-	-	-	-	127
Netherlands	-	-	-	330	-	-	1	14
New Zealand	-	-	-	-	-	-	-	99
Nicaragua	-	-	-	-	-	-	0	0
Nigeria	-	-	-	-	-	-	-	-
Norway	-	0	-	-	-	-	-	123
Pakistan	-	-	-	-	-	-	-	290
Panama	-	542	-	50	-	-	0	275
Peru	-	166	-	-	-	-	0	-
Philippines	-	-	-	-	-	-	0	0
Portugal	-	-	-	-	-	-	-	-
Puerto Rico	-	70	-	-	-	-	0	-
Romania	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	0	1
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-
Singapore	-	-	-	720	-	200	0	0
South Africa	-	-	-	-	-	64	1	94
Spain	-	-	-	-	-	-	1	954
Switzerland	-	-	-	-	-	-	0	-
Taiwan	-	-	-	-	-	-	0	-
Thailand	-	-	-	0	-	290	0	295
Trinidad and Tobago	-	365	-	-	-	-	-	-
Turkiye	-	-	-	-	-	-	-	2,150
United Arab Emirates	-	-	-	-	-	-	0	138
United Kingdom	-	320	-	0	-	-	0	0
Venezuela	-	1	-	-	-	-	0	-
Other	-	1,110	-	80	-	-	7	270
Total	-	7,820	-	3,327	-	1,475	107	21,982

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, December 2023
(Thousand Barrels) — Continued

Destination	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
						Crude Oil	Products	Total
Argentina	0	21	—	1,352	1,353	0	44	44
Australia	0	6	0	1,708	2,424	23	55	78
Bahamas	1	3	1	3,546	3,546	—	114	114
Bahrain	—	0	—	0	0	—	0	0
Belgium	—	545	1	4,405	4,405	—	142	142
Belize	—	1	—	112	112	—	4	4
Brazil	0	651	1	6,086	7,969	61	196	257
Canada	62	255	6	15,428	26,870	369	498	867
Cayman Islands	2	1	—	419	419	—	14	14
Chile	—	84	0	5,880	5,880	—	190	190
China	25	31	1	16,855	22,207	173	544	716
Colombia	0	70	12	2,408	3,554	37	78	115
Costa Rica	49	17	0	1,679	1,679	—	54	54
Denmark	—	0	—	0	2,384	77	0	77
Dominican Republic	54	14	0	3,381	3,880	16	109	125
Ecuador	—	12	0	4,010	4,010	—	129	129
Egypt	—	0	—	3,343	3,343	—	108	108
El Salvador	—	43	—	1,394	1,394	0	45	45
Finland	—	0	—	134	134	—	4	4
France	—	28	—	4,144	11,646	242	134	376
Germany	3	1	1	128	3,841	120	4	124
Ghana	—	0	—	379	379	—	12	12
Gibraltar	—	—	—	—	—	—	—	—
Greece	—	0	—	874	874	—	28	28
Guatemala	—	18	—	4,016	4,016	—	130	130
Honduras	19	10	0	2,043	2,043	—	66	66
Hong Kong	—	1	0	1	1	—	0	0
India	0	124	0	8,529	11,410	93	275	368
Indonesia	1	19	—	3,557	3,557	—	115	115
Ireland	—	0	0	0	2,524	81	0	81
Israel	—	3	0	337	337	—	11	11
Italy	—	0	—	673	6,961	203	22	225
Jamaica	0	4	0	648	648	—	21	21
Japan	1	4	4	17,674	18,642	31	570	601
Korea, South	0	11	1	6,750	21,826	486	218	704
Lebanon	—	0	—	123	123	—	4	4
Mexico	189	1,759	78	37,114	37,114	—	1,197	1,197
Montenegro	—	—	—	—	—	—	—	—
Morocco	0	0	—	2,755	2,755	—	89	89
Mozambique	—	—	—	127	127	—	4	4
Netherlands	0	3	0	10,530	36,941	852	340	1,192
New Zealand	—	0	0	100	100	—	3	3
Nicaragua	—	4	—	292	841	18	9	27
Nigeria	—	186	—	1,125	1,125	—	36	36
Norway	—	0	—	1,757	2,668	29	57	86
Pakistan	—	0	—	290	290	—	9	9
Panama	—	7	—	3,907	5,583	54	126	180
Peru	0	56	0	3,745	3,745	—	121	121
Philippines	—	0	0	219	219	—	7	7
Portugal	—	—	—	754	754	—	24	24
Puerto Rico	0	10	0	86	86	—	3	3
Romania	—	0	—	0	0	—	0	0
Saudi Arabia	—	5	—	13	13	0	0	0
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—
Singapore	—	24	0	4,976	17,638	408	161	569
South Africa	—	74	—	1,067	1,892	27	34	61
Spain	—	0	0	1,536	8,865	236	50	286
Switzerland	—	0	—	290	290	—	9	9
Taiwan	0	2	0	585	10,851	331	19	350
Thailand	1	13	0	601	3,500	94	19	113
Trinidad and Tobago	—	7	0	1,273	1,273	—	41	41
Turkiye	0	3	—	5,464	6,212	24	176	200
United Arab Emirates	3	75	—	528	528	—	17	17
United Kingdom	—	1	0	3,477	13,198	314	112	426
Venezuela	—	7	—	1,697	1,697	—	55	55
Other	8	60	2	8,907	15,809	223	287	511
Total	418	4,273	108	215,231	358,505	4,622	6,943	11,565

-- = Not Applicable.

- = No Data Reported.

1 On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

2 EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, January 2023
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	995	-15	-	187	-	0	0	0	10	10
Algeria	20	-	-	20	-	-	-	-	-	-
Angola	0	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	8	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	252	-	-	108	-	-	-	-	-	-
Kuwait	12	-	-	-	-	-	-	-	-	-
Libya	60	-	-	-	-	-	-	-	-	-
Nigeria	184	-23	-	0	-	-	-	-	10	10
Saudi Arabia	427	-	-	62	-	-	-	-	-	-
United Arab Emirates	-	0	-	12	-	0	0	0	-	0
Venezuela	40	-	-	-14	-	-	-	-	-	-
Non-OPEC	1,896	-2,328	18	137	-	-749	-749	142	241	383
Argentina	63	-	-	0	-	0	0	-	16	16
Aruba	-	0	-	0	-	-	-	-	-	-
Australia	-28	0	-	0	-	-	-	-	-	-
Bahamas	-	-2	-	0	-	50	50	3	-32	-29
Bahrain	-	-	-	0	-	-	-	-	-	-
Belgium	-	-57	-	16	-	-	-	-	11	11
Brazil	77	-9	-	0	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	20	-	-	-	-	-	-	-	-	-
Canada	3,562	-31	18	-82	-	-1	-1	74	53	128
Chad	-	-	-	-	-	-	-	-	-	-
China	-276	-382	-	0	-	-	-	-	0	0
Colombia	129	-2	-	-28	-	-39	-39	-	-	-
Denmark	-63	-	-	-	-	-	-	-	-	-
Dominican Republic	-16	-40	-	-2	-	-18	-18	-	-	-
Ecuador	139	-35	-	24	-	-20	-20	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-23	-4	-	-	-	-	-	-	11	11
France	-173	-21	-	-1	-	15	15	9	6	16
Germany	-140	-	-	0	-	-	-	-	1	1
Guatemala	-	-13	-	0	-	-70	-70	-	-	-
Honduras	-	-19	-	0	-	-26	-26	-	0	0
India	-119	-94	-	24	-	1	1	-	41	41
Indonesia	-48	-138	-	-	-	-	-	-	-	-
Italy	-173	-43	-	15	-	-	-	5	69	74
Japan	-33	-510	-	0	-	-	-	0	-	0
Korea, South	-400	-135	-	0	-	3	3	0	6	6
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-24	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	0	-	-	-	-	-	-
Mexico	715	-235	-	105	-	-513	-513	-1	-25	-26
Netherlands	-367	-52	-	11	-	-	-	21	18	38
Norway	-66	-57	-	-5	-	10	10	-	21	21
Oman	-	-	-	0	-	-	-	-	-	-
Panama	-	-10	-	0	-	-33	-33	-	0	0
Portugal	-9	-	-	-	-	-	-	-	29	29
Puerto Rico	-	0	-	0	-	0	0	-	0	0
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-96	-13	-	10	-	-	-	-	19	19
Sweden	-79	-84	-	2	-	8	8	-	2	2
Trinidad and Tobago	29	3	-	-	-	0	0	-	-	-
United Kingdom	-212	-36	-	23	-	0	0	31	2	32
Vietnam	-	0	-	0	-	-	-	-	-	-
Virgin Islands, U.S.	-	-5	-	-1	-	-10	-10	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	-493	-304	0	26	-	-106	-106	0	-7	-7
Total	2,891	-2,342	18	324	-	-749	-749	142	251	393
Persian Gulf⁴	691	0	-	182	-	0	0	0	-	0

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, January 2023
(Thousand Barrels per Day) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-3	-	-	-	2	-	-	-	2	0	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	0	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	0	-	-	-	0	-	-
Saudi Arabia	-3	-	-	-	-	-	-	-	-	0	-
United Arab Emirates	0	-	-	-	2	-	-	-	2	0	-
Venezuela	0	-	-	-	0	-	-	-	0	-	-
Non-OPEC	-87	25	20	-	-472	-96	-47	-	-615	-10	0
Argentina	-	-	-	-	-34	-	0	-	-34	-	-
Aruba	0	-	-	-	-	-	-	-	-	0	-
Australia	0	-	-	-	-	-	-	-	-	-	-
Bahamas	0	-	-	-	-8	-	-6	-	-14	-	-
Bahrain	0	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-8	-	-	-	-8	0	-
Brazil	0	-	-	-	-65	-	-	-	-65	-10	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-36	6	-	-	165	-6	-2	-	157	0	0
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	-	-	-	0	-	-	-	0	-	-
Colombia	-4	-	-	-	-13	-	-	-	-13	0	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Dominican Republic	0	-	-	-	-8	-	-2	-	-10	0	-
Ecuador	-	-	-	-	-46	0	-9	-	-55	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-1	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	0	14	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-2	-39	-3	-	-44	0	-
Honduras	0	-	-	-	-5	-5	-4	-	-14	0	-
India	-7	-	-	-	75	-	0	-	75	0	-
Indonesia	0	0	-	-	-	-	-	-	-	-	-
Italy	-	2	-	-	-	-	-	-	-	-	-
Japan	0	-	-	-	0	-	-	-	0	-	-
Korea, South	-11	1	-	-	1	-	-	-	1	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	0	-	-	-	-	-	-	-	-	-	-
Mexico	-4	0	-	-	-284	-6	0	-	-290	0	-
Netherlands	-6	-	-	-	-38	-	4	-	-34	-	-
Norway	-1	0	-	-	-5	-	0	-	-4	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Panama	-	-	-	-	-34	-8	0	-	-42	0	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	0	-	-	-	-5	-	-	-	-5	-	-
Qatar	-	-	-	-	25	-	-	-	25	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-1	5	-	-	-	-	-	-	-	-	-
Sweden	-2	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-4	-	-	-	-4	-	-
United Kingdom	-14	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-6	-	-5	-	-10	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	0	-3	20	-	-173	-32	-20	-	-227	0	0
Total	-90	25	20	-	-470	-96	-47	-	-613	-10	0
Persian Gulf⁴	-3	-	-	-	27	-	-	-	27	0	-

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, January 2023
(Thousand Barrels per Day) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
OPEC	-	21	-	22	-	-	0	-6
Algeria	-	-	-	1	-	-	-	-
Angola	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	-	0	-	10	-	-	-	-
Kuwait	-	19	-	-	-	-	-	-6
Libya	-	-	-	-	-	-	0	-
Nigeria	-	-	-	-	-	-	0	-
Saudi Arabia	-	-	-	9	-	-	0	-
United Arab Emirates	-	2	-	-	-	-	0	-
Venezuela	-	0	-	-	-	-	-	-
Non-OPEC	-	-100	20	37	9	-36	0	-629
Argentina	-	-	-	-	-	-1	-	5
Aruba	-	0	-	-	-	-	-	-
Australia	-	-	-	-	-	-	0	-5
Bahamas	-	-3	-	-22	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	8	-	-	-	-8
Brazil	-	-10	-	3	-	-	0	-58
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-
Canada	-	-37	3	11	3	2	0	-33
Chad	-	-	-	-	-	-	-	-
China	-	-	-	0	-	-	0	-119
Colombia	-	-	-	27	-	-	0	6
Denmark	-	-	-	-	-	-	-	-
Dominican Republic	-	-10	-	-5	-	-	0	-7
Ecuador	-	-	-	4	-	-	0	-6
Estonia	-	-	-	-	-	-	-	-
Finland	-	-	-	1	-	-	-	-
France	-	-	-	-9	-	-	0	-6
Germany	-	-	0	-	-	-	0	0
Guatemala	-	-8	-	-	-	-	0	-24
Honduras	-	-1	-	-	-	-	0	-9
India	-	8	-	8	-	-27	0	-89
Indonesia	-	-	-	-	-	-	0	-
Italy	-	-	-	-	3	-	0	-25
Japan	-	-	-	0	-	-	0	-36
Korea, South	-	70	13	-	-	-	0	-9
Latvia	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	0	-
Malaysia	-	0	-	0	-	-	0	0
Mexico	-	-54	-	35	2	1	-1	-24
Netherlands	-	-	2	-4	-	-	0	-2
Norway	-	-	-	-	-	-	-	-4
Oman	-	-	-	-	-	-	-	-
Panama	-	-15	-	-19	-	-	0	-
Portugal	-	-	-	-	-	-	0	-
Puerto Rico	-	0	-	-	-	-	0	-
Qatar	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	0	-15
Sweden	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-4	-	-	-	-	-	0
United Kingdom	-	-	-	0	-	-	0	-6
Vietnam	-	0	-	-	-	-	0	-
Virgin Islands, U.S.	-	-8	-	-11	-	-	-	-
Yemen	-	-	-	-	-	-	-	-
Other	-	-28	2	10	1	-11	1	-155
Total	-	-78	20	59	9	-36	0	-636
Persian Gulf⁴	-	21	-	18	-	-	0	-6

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, January 2023
(Thousand Barrels per Day) — Continued

Country of Origin	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
OPEC	-6	6	-	219	1,214
Algeria	-	-	-	21	41
Angola	-	-	-	-	0
Congo (Brazzaville)	-	-	-	-	-
Equatorial Guinea	-	0	-	8	8
Gabon	-	-	-	-	-
Iran	-	-	-	-	-
Iraq	-	0	-	118	370
Kuwait	-	0	-	12	24
Libya	-	0	-	0	60
Nigeria	-6	0	-	-19	165
Saudi Arabia	-	0	-	68	495
United Arab Emirates	0	7	-	22	22
Venezuela	-	0	-	-15	25
Non-OPEC	37	-59	-3	-3,929	-2,033
Argentina	-	0	-1	-15	48
Aruba	-	0	-	0	0
Australia	0	0	0	-5	-33
Bahamas	0	0	0	-20	-20
Bahrain	0	0	-	0	0
Belgium	0	-16	0	-54	-54
Brazil	0	-12	0	-160	-83
Brunei	-	-	-	-	-
Cameroon	-	0	-	0	20
Canada	45	1	0	154	3,717
Chad	-	0	-	0	0
China	0	0	0	-502	-778
Colombia	2	-3	0	-54	75
Denmark	-	-	-	-	-63
Dominican Republic	0	-1	-	-91	-107
Ecuador	0	-2	0	-90	49
Estonia	-	-	-	-	-
Finland	-	0	-	6	-17
France	-	-2	-	-7	-180
Germany	0	0	-	15	-125
Guatemala	-	0	-1	-160	-160
Honduras	-1	0	-	-71	-71
India	0	-1	0	-60	-180
Indonesia	0	2	0	-136	-185
Italy	-	0	0	27	-146
Japan	0	0	0	-547	-580
Korea, South	-	6	0	-54	-455
Latvia	-	0	-	0	0
Lithuania	-	0	0	0	-24
Malaysia	-	0	0	1	1
Mexico	-3	-27	-1	-1,034	-318
Netherlands	0	0	0	-45	-412
Norway	-	0	-	-40	-107
Oman	-	0	-	0	0
Panama	-	-1	-	-119	-119
Portugal	-	-	-	29	20
Puerto Rico	0	0	-	-6	-6
Qatar	-	10	-	35	35
Russia	-	-	-	-	-
Spain	3	0	-	8	-87
Sweden	-	0	-	-74	-153
Trinidad and Tobago	0	0	-	-5	24
United Kingdom	-	0	-	-1	-213
Vietnam	-	0	0	0	0
Virgin Islands, U.S.	0	0	-	-46	-46
Yemen	-	-	-	-	-
Other	-9	-13	0	-808	-1,300
Total	32	-53	-3	-3,710	-819
Persian Gulf⁴	0	16	-	255	946

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

Quantities are gross imports because exports are excluded from EIA data.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Includes gross imports of refinery olefins, renewable diesel, other biofuels, and petrochemical feedstocks. See footnote 2.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

² EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, February 2023
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	1,017	3	-	245	-	0	0	-	10	10
Algeria	22	-	-	18	-	-	-	-	-	-
Angola	9	-	-	-	-	-	-	-	10	10
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	11	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	298	-	-	130	-	-	-	-	-	-
Kuwait	18	-	-	21	-	0	0	-	0	0
Libya	56	-	-	-	-	-	-	-	-	-
Nigeria	168	-8	-	-	-	-	-	-	-	-
Saudi Arabia	388	-	-	93	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	0	0	-	-	-
Venezuela	58	0	-	-16	-	-	-	-	-	-
Non-OPEC	1,501	-2,379	21	38	-	-688	-688	153	351	504
Argentina	34	0	-	4	-	-2	-2	-	1	1
Aruba	-	0	-	-	-	-2	-2	-	-	-
Australia	-26	-21	-	0	-	0	0	-	-	-
Bahamas	-	-2	-	0	-	-12	-12	-	0	0
Bahrain	-	-	-	0	-	-	-	-	-	-
Belgium	-	-65	-	-12	-	11	11	-	-	-
Brazil	109	-2	-	-26	-	-23	-23	-	3	3
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,740	-50	21	-83	-	-33	-33	74	40	114
Chad	-	-	-	-	-	-	-	-	-	-
China	-505	-388	-	0	-	-	-	-	-	-
Colombia	156	-2	-	-20	-	-21	-21	-	2	2
Denmark	-70	-	-	-2	-	-	-	-	-	-
Dominican Republic	-18	-22	-	0	-	-15	-15	0	0	0
Ecuador	138	-38	-	7	-	-12	-12	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-26	-	-	-	-	12	12	-	9	9
France	-151	-24	-	2	-	14	14	-	9	9
Germany	-123	-4	-	0	-	-	-	-	1	1
Guatemala	-	0	-	0	-	-46	-46	-	-	-
Honduras	-	-12	-	0	-	-19	-19	-	-	-
India	-90	-143	-	42	-	1	1	-	61	61
Indonesia	-7	-92	-	5	-	-	-	-	-	-
Italy	-108	-	-	0	-	0	0	6	34	40
Japan	-	-529	-	-11	-	0	0	-	1	1
Korea, South	-363	-266	-	0	-	11	11	0	21	21
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-52	-	-	-	-	-	-	0	-	0
Malaysia	-22	-	-	63	-	-	-	-	-	-
Mexico	790	-165	-	72	-	-463	-463	-2	3	1
Netherlands	-416	-67	-	-1	-	3	3	27	52	78
Norway	-39	-56	-	-10	-	6	6	-	12	12
Oman	-	-	-	-	-	-	-	-	-	-
Panama	-71	-7	-	0	-	-15	-15	-	-11	-11
Portugal	-25	-9	-	-	-	-	-	-	19	19
Puerto Rico	-	0	-	0	-	0	0	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	0	-	-	-	-	-	-
Spain	-123	-45	-	-	-	-	-	-	45	45
Sweden	0	-43	-	-	-	3	3	-	-	-
Trinidad and Tobago	-	1	-	0	-	0	0	-	-	-
United Kingdom	-332	-15	-	-8	-	1	1	48	12	60
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-7	-	-	-	-13	-13	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	-899	-306	0	16	-	-74	-74	0	37	38
Total	2,518	-2,376	21	283	-	-688	-688	153	361	513
Persian Gulf⁴	704	-	-	243	-	0	0	-	0	0

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, February 2023
(Thousand Barrels per Day) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-9	-	-	-	27	-	-	-	27	0	-
Algeria	-	-	-	-	0	-	-	-	0	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-5	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	27	-	-	-	27	-	-
United Arab Emirates	-4	-	-	-	-	-	-	-	-	0	-
Venezuela	0	-	-	-	0	-	-	-	0	-	-
Non-OPEC	-82	29	20	-	-483	-90	-82	-	-655	-1	1
Argentina	-	-	-	-	-9	-	-24	-	-33	0	-
Aruba	-	-	-	-	-1	-	-	-	-1	0	-
Australia	0	-	-	-	0	-	-	-	0	-	-
Bahamas	-	-	-	-	-5	-	-8	-	-13	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	0	-	-	-	-12	-	-	-	-12	-	-
Brazil	0	-	-	-	-61	-9	-	-	-70	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-35	5	-	-	168	-8	0	-	160	0	0
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	-	-	-	0	-	-	-	0	-	-
Colombia	-1	-	-	-	0	-	-	-	0	0	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Dominican Republic	-	-	-	-	-18	-	-14	-	-32	-	-
Ecuador	-	-	-	-	-78	-10	-	-	-89	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	0	-	-	-	-	-	-	-	-	0	-
Germany	-	15	-	-	-	-	-	-	-	-	-
Guatemala	0	-	-	-	-19	-14	-	-	-33	-	-
Honduras	-	-	-	-	-3	-14	-	-	-17	-	-
India	0	-	-	-	45	-	-	-	45	-	-
Indonesia	0	-	-	-	-	-	-	-	-	-	-
Italy	0	5	-	-	-	-	-	-	-	-	-
Japan	0	-	-	-	-	-	-	-	-	-	-
Korea, South	-12	1	-	-	13	-	-	-	13	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	0	-	-	-	-	-	-	-	-	-	-
Mexico	-5	0	-	-	-241	-10	0	-	-252	0	-
Netherlands	-3	-	2	-	-21	0	-	-	-21	-	1
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Panama	-	-	-	-	-57	-3	0	-	-60	0	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	0	-	-	-	-5	-	-	-	-5	-	-
Qatar	-	-	-	-	12	-	-	-	12	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-1	4	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-4	-	-	-	-4	-	-
United Kingdom	-8	0	-	-	-14	-	-	-	-14	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-11	-	-16	-	-27	0	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-17	-1	18	-	-162	-22	-20	-	-202	-1	0
Total	-91	29	20	-	-456	-90	-82	-	-628	-1	1
Persian Gulf⁴	-4	-	-	-	38	-	-	-	38	0	-

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, February 2023
(Thousand Barrels per Day) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
OPEC	-	36	-	28	-	-	0	-12
Algeria	-	-	-	20	-	-	-	-
Angola	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	-	-	-	7	-	-	-	-
Kuwait	-	28	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-
Saudi Arabia	-	5	-	-	-	-	0	0
United Arab Emirates	-	3	-	-	-	-	0	-12
Venezuela	-	0	-	-	-	-	-	-
Non-OPEC	-	-26	7	52	9	-37	-1	-504
Argentina	-	-	-	-	-	-1	0	3
Aruba	-	-3	-	-	-	-	-	-
Australia	-	-	-	-	-	-	0	-2
Bahamas	-	-3	-	-7	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-4
Belgium	-	-	-	2	-	-	-	-4
Brazil	-	-	-	11	-	-	0	-47
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-
Canada	-	-14	1	-12	3	3	-1	-11
Chad	-	-	-	-	-	-	-	-
China	-	22	-	0	-	-	0	-136
Colombia	-	-	-	5	-	-	0	0
Denmark	-	-	-	1	-	-	-	-
Dominican Republic	-	-4	-	-	-	-	0	-
Ecuador	-	-	-	-	-	-	0	-6
Estonia	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	0	-
Germany	-	-	-	2	-	-	0	-
Guatemala	-	-5	-	-	-	-	0	-
Honduras	-	-2	-	-	-	-	0	-
India	-	28	-	-	-	-11	0	-105
Indonesia	-	-	-	-	-	-	0	-
Italy	-	-	-	-	-	-3	0	-17
Japan	-	15	-	0	-	-	0	-35
Korea, South	-	64	5	-10	2	-	0	0
Latvia	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-
Malaysia	-	-	-	2	-	-	0	-
Mexico	-	-68	-	56	1	1	-1	-69
Netherlands	-	-	-	-14	-	-	0	0
Norway	-	1	-	-	-	-	0	-3
Oman	-	-	-	-	-	-	-	-2
Panama	-	-11	-	-1	-	-	-	-
Portugal	-	-	-	-	-	-	-	-
Puerto Rico	-	-5	-	-	-	-	0	-
Qatar	-	-	-	-	0	-	-	-4
Russia	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	0	-4
Sweden	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-4	-	-	-	-	-	0
United Kingdom	-	-	-	11	-	-	0	-
Vietnam	-	-	-	-	-	-	0	-
Virgin Islands, U.S.	-	-4	-	-22	-	-	-	-
Yemen	-	-	-	-	-	-	-	-
Other	-	-33	1	28	3	-26	1	-58
Total	-	10	7	80	9	-37	-1	-516
Persian Gulf⁴	-	36	-	7	0	-	0	-20

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, February 2023
(Thousand Barrels per Day) — Continued

Country of Origin	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
OPEC	0	-5	--	323	1,340
Algeria	--	--	--	38	61
Angola	--	--	--	10	18
Congo (Brazzaville)	--	--	--	--	--
Equatorial Guinea	--	0	--	11	11
Gabon	--	--	--	--	--
Iran	--	--	--	--	--
Iraq	0	0	--	136	434
Kuwait	--	0	--	49	67
Libya	--	0	--	0	56
Nigeria	--	-2	--	-15	153
Saudi Arabia	--	0	--	124	512
United Arab Emirates	0	-2	--	-15	-15
Venezuela	--	0	--	-16	42
Non-OPEC	32	-25	-2	-3,689	-2,188
Argentina	-3	-2	--	-32	2
Aruba	--	0	--	-6	-6
Australia	--	0	0	-23	-49
Bahamas	0	0	0	-37	-37
Bahrain	--	5	--	1	1
Belgium	0	-5	0	-84	-84
Brazil	0	-8	0	-164	-54
Brunei	--	0	--	0	0
Cameroon	--	--	--	--	--
Canada	47	3	0	118	3,858
Chad	--	--	--	--	--
China	0	0	0	-503	-1,009
Colombia	0	-3	0	-41	115
Denmark	--	0	--	-1	-70
Dominican Republic	-3	0	0	-77	-94
Ecuador	0	-1	--	-138	0
Estonia	--	--	--	--	--
Finland	--	0	--	21	-4
France	--	0	--	2	-149
Germany	0	0	0	14	-109
Guatemala	--	0	--	-85	-85
Honduras	--	0	--	-51	-51
India	0	-2	0	-84	-174
Indonesia	0	5	0	-81	-89
Italy	--	0	--	25	-83
Japan	0	0	0	-558	-558
Korea, South	--	12	0	-159	-521
Latvia	--	0	--	0	0
Lithuania	--	0	--	0	-52
Malaysia	0	0	0	65	43
Mexico	-6	-34	-1	-931	-141
Netherlands	0	2	0	-20	-436
Norway	--	0	--	-49	-89
Oman	--	0	--	-2	-2
Panama	-2	0	--	-106	-177
Portugal	--	--	--	10	-15
Puerto Rico	0	0	0	-11	-11
Qatar	--	12	--	21	21
Russia	--	0	--	0	0
Spain	--	0	--	-1	-124
Sweden	--	0	--	-41	-41
Trinidad and Tobago	0	0	0	-8	-8
United Kingdom	0	0	0	26	-307
Vietnam	--	0	--	0	0
Virgin Islands, U.S.	0	0	--	-72	-72
Yemen	--	--	--	--	--
Other	-1	-9	-1	-627	-1,527
Total	32	-30	-2	-3,366	-848
Persian Gulf⁴	0	15	--	315	1,019

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization. Quantities are gross imports because exports are excluded from EIA data.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Includes gross imports of refinery olefins, renewable diesel, other biofuels, and petrochemical feedstocks. See footnote 2.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

² EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, March 2023
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	1,121	-10	-	182	-	0	0	4	37	41
Algeria	-	-	-	10	-	-	-	-	-	-
Angola	25	-	-	-	-	-	-	-	10	10
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	28	10	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	223	-	-	144	-	-	-	-	-	-
Kuwait	12	-	-	-	-	-	-	-	2	2
Libya	56	-	-	-	-	-	-	-	-	-
Nigeria	195	-20	-	0	-	-	-	-	-	-
Saudi Arabia	427	-	-	28	-	-	-	-	24	24
United Arab Emirates	46	0	-	-	-	0	0	4	-	4
Venezuela	109	0	-	-	-	0	0	0	-	0
Non-OPEC	770	-2,750	19	54	-	-704	-704	138	225	363
Argentina	45	-	-	-2	-	-3	-3	-	10	10
Aruba	-	0	-	0	-	-2	-2	-	-	-
Australia	-73	0	-	0	-	-	-	0	0	0
Bahamas	-	-1	-	-15	-	9	9	-	-2	-2
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-85	-	23	-	-	-	5	6	11
Brazil	43	-19	-	4	-	-	-	-	5	5
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,536	-27	19	-78	-	-16	-16	81	17	98
Chad	-	-	-	-	-	-	-	-	-	-
China	-752	-533	-	0	-	10	10	-	-	-
Colombia	155	-2	-	-28	-	-10	-10	-	-	-
Denmark	-89	-	-	-	-	-	-	0	-	0
Dominican Republic	-14	-59	-	-3	-	-16	-16	-	-	-
Ecuador	100	-35	-	11	-	-19	-19	-	-10	-10
Estonia	-	-	-	-	-	-3	-3	-	-	-
Finland	-24	-17	-	-	-	-	-	-	-	-
France	-161	-38	-	4	-	10	10	-	16	16
Germany	-104	-4	-	0	-	-	-	-	1	1
Guatemala	-	-27	-	0	-	-60	-60	-	-	-
Honduras	-	-23	-	-	-	-19	-19	-	-	-
India	-247	-100	-	4	-	-	-	7	63	70
Indonesia	-20	-87	-	0	-	-	-	-	-	-
Italy	-161	-9	-	0	-	0	0	-	10	10
Japan	-	-541	-	-11	-	2	2	0	7	7
Korea, South	-345	-212	-	0	-	18	18	-	25	25
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-23	-	-	-	-	-	-	-	-	-
Malaysia	-20	-	-	48	-	0	0	-	9	9
Mexico	721	-240	-	119	-	-525	-525	-1	-28	-29
Netherlands	-459	-97	-	-38	-	21	21	21	14	35
Norway	-32	-46	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	6	6
Panama	-90	-11	-	-	-	-16	-16	0	0	0
Portugal	-26	-13	-	-	-	-	-	-	-	-
Puerto Rico	-	0	-	0	-	0	0	-	0	0
Qatar	17	0	-	0	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-219	-19	-	4	-	11	11	-	26	26
Sweden	-82	-94	-	-3	-	-	-	-	10	10
Trinidad and Tobago	17	0	-	0	-	0	0	-	-	-
United Kingdom	-449	-50	-	-2	-	0	0	25	10	35
Vietnam	-	-	-	0	-	-	-	-	-	-
Virgin Islands, U.S.	-45	-5	-	-	-	-10	-10	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	-429	-356	0	17	-	-86	-86	0	30	30
Total	1,891	-2,760	19	236	-	-704	-704	142	262	404
Persian Gulf⁴	724	0	-	171	-	0	0	4	26	31

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, March 2023
(Thousand Barrels per Day) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-3	-	-	-	10	-	-	-	10	0	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	10	-	-	-	10	-	-
Saudi Arabia	-3	-	-	-	0	-	-	-	0	0	-
United Arab Emirates	0	-	-	-	0	-	-	-	0	0	-
Venezuela	0	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-88	21	25	-	-833	-110	-54	-	-997	-2	0
Argentina	0	-	-	-	-20	0	-19	-	-40	-	-
Aruba	-	-	-	-	0	-	-	-	0	-	-
Australia	0	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-6	-	-9	-	-15	0	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	0	-	-	-	-10	-	-	-	-10	-	-
Brazil	0	3	-	-	-36	-	-	-	-36	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-40	2	-	-	135	-7	0	-	128	0	0
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	-	-	-	-	-	-	-	-	-	-
Colombia	-2	-	-	-	-19	-	-	-	-19	0	-
Denmark	-	-	-	-	0	-	-	-	0	-	-
Dominican Republic	0	-	-	-	-20	-	-1	-	-21	0	-
Ecuador	0	-	-	-	-81	-9	-	-	-90	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	2	-	-	-	-	-	-	-	-
France	0	-	-	-	0	-	-	-	0	-	-
Germany	0	8	-	-	-	-	-	-	-	0	-
Guatemala	-	-	-	-	-6	-37	-	-	-43	0	-
Honduras	-	-	-	-	-4	-9	-	-	-13	0	-
India	-14	-	-	-	0	-	-	-	0	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	2	-	-	-	-	-	-	-	-	-
Japan	0	-	-	-	0	-	-	-	0	0	-
Korea, South	-5	1	-	-	1	-	-	-	1	0	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-4	0	-	-	-354	0	0	-	-354	0	-
Netherlands	-9	1	0	-	0	-	-	-	0	0	-
Norway	-1	0	-	-	-10	-	-	-	-10	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Panama	0	0	-	-	-33	-14	-1	-	-48	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	0	-	-	-	-6	0	-	-	-6	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	0	5	-	-	-	-	-	-	-	-	-
Sweden	-1	-	-	-	-30	-	-	-	-30	-	-
Trinidad and Tobago	-	-	-	-	-5	-	-	-	-5	-	-
United Kingdom	-7	-	-	-	-59	-	-	-	-59	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-3	-	-1	-	-5	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-5	-1	23	-	-267	-34	-23	-	-322	-2	0
Total	-91	21	25	-	-823	-110	-54	-	-987	-2	0
Persian Gulf⁴	-3	-	-	-	0	-	-	-	0	0	-

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, March 2023
(Thousand Barrels per Day) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
OPEC	-	16	-	6	-	-	0	0
Algeria	-	-	-	21	-	-	-	-
Angola	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	-	-	-	1	-	-	-	-
Kuwait	-	11	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-
Nigeria	-	-	-	0	-	-	-	-
Saudi Arabia	-	5	-	-	-	-	0	-
United Arab Emirates	-	-	-	-16	-	-	0	0
Venezuela	-	-	-	-	-	-	0	-
Non-OPEC	-	-65	17	-112	10	-31	0	-494
Argentina	-	-	-	0	-	-	0	3
Aruba	-	-2	-	0	-	-	-	-
Australia	-	-	-	-	-	-	0	-5
Bahamas	-	-1	-	-1	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	0	-2
Brazil	-	-	-	-	-	-	0	-61
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-
Canada	-	-21	7	-15	3	2	-1	-14
Chad	-	-	-	-	-	-	-	-
China	-	11	-	0	-	-	1	-79
Colombia	-	-	-	2	-	-	0	0
Denmark	-	-	-	-12	-	-	0	-
Dominican Republic	-	-14	-	-6	-	-	0	-6
Ecuador	-	-	-	0	-	-	0	0
Estonia	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-
France	-	-	1	-	-	0	0	-6
Germany	-	-	-	0	-	-	0	0
Guatemala	-	-5	-	-	-	-	0	-9
Honduras	-	-1	-	-	-	-	-	-7
India	-	11	-	2	4	-18	0	-65
Indonesia	-	-	-	-	-	-	0	-
Italy	-	2	-	-	-	-1	0	-7
Japan	-	6	-	0	-	-	0	-42
Korea, South	-	68	7	-9	-	-	0	0
Latvia	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	0	-
Mexico	-	-52	-	57	2	2	-1	-44
Netherlands	-	-	3	-44	-	-	0	-12
Norway	-	-	-	-	-	-	-	-2
Oman	-	-	-	-	-	-	-	-13
Panama	-	-20	-	-39	-	-	-	-
Portugal	-	-	-	-17	-	-	-	-12
Puerto Rico	-	-4	-	-	-	-	0	-
Qatar	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	0	-16
Sweden	-	-	-	-	-	-	0	-
Trinidad and Tobago	-	-	-	-2	-	-	-	-
United Kingdom	-	0	-	11	-	-	0	0
Vietnam	-	-	-	-	-	-	0	-
Virgin Islands, U.S.	-	-13	-	-14	-	-	-	-
Yemen	-	-	-	-	-	-	-	-
Other	-	-30	-1	-25	1	-16	1	-95
Total	-	-50	17	-106	10	-31	0	-494
Persian Gulf⁴	-	16	-	-15	-	-	0	0

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, March 2023
(Thousand Barrels per Day) — Continued

Country of Origin	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
OPEC	0	-3	0	239	1,360
Algeria	—	—	—	31	31
Angola	—	-1	—	9	34
Congo (Brazzaville)	—	—	—	—	—
Equatorial Guinea	—	0	—	10	38
Gabon	—	—	—	—	—
Iran	—	—	—	—	—
Iraq	—	0	—	145	368
Kuwait	—	0	0	13	25
Libya	—	0	—	0	56
Nigeria	0	-3	—	-13	182
Saudi Arabia	—	0	0	54	480
United Arab Emirates	0	2	0	-10	37
Venezuela	—	0	—	0	109
Non-OPEC	47	-83	-2	-4,772	-4,002
Argentina	0	-1	0	-33	12
Aruba	—	0	—	-5	-5
Australia	0	0	0	-5	-78
Bahamas	0	0	0	-28	-28
Bahrain	—	2	—	2	2
Belgium	0	-13	0	-77	-77
Brazil	0	-9	0	-114	-71
Brunei	—	—	—	—	—
Cameroon	—	—	—	—	—
Canada	58	3	0	108	3,644
Chad	—	0	—	0	0
China	0	0	0	-591	-1,343
Colombia	0	-2	0	-61	94
Denmark	—	—	—	-13	-101
Dominican Republic	-1	-1	0	-127	-142
Ecuador	—	-2	0	-144	-44
Estonia	—	—	—	-3	-3
Finland	—	0	—	-15	-39
France	—	-2	—	-16	-177
Germany	0	1	0	5	-98
Guatemala	—	-1	—	-143	-143
Honduras	—	0	0	-63	-63
India	0	-1	0	-105	-352
Indonesia	0	2	—	-85	-105
Italy	1	0	0	-2	-162
Japan	0	0	0	-578	-578
Korea, South	0	16	0	-88	-433
Latvia	—	—	—	—	—
Lithuania	—	0	—	0	-23
Malaysia	0	0	—	57	37
Mexico	-7	-45	-1	-1,123	-402
Netherlands	0	-3	0	-143	-602
Norway	—	0	—	-59	-91
Oman	—	0	—	-7	-7
Panama	—	-1	—	-134	-224
Portugal	—	0	—	-43	-69
Puerto Rico	0	-1	0	-11	-11
Qatar	—	4	—	4	20
Russia	—	—	—	—	—
Spain	—	0	—	10	-209
Sweden	—	0	—	-118	-200
Trinidad and Tobago	—	0	0	-7	10
United Kingdom	—	0	—	-71	-520
Vietnam	—	0	0	0	0
Virgin Islands, U.S.	0	-3	—	-50	-95
Yemen	—	0	—	0	0
Other	-4	-26	-1	-896	-1,326
Total	46	-86	-2	-4,533	-2,642
Persian Gulf⁴	0	8	0	208	932

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

Quantities are gross imports because exports are excluded from EIA data.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Includes gross imports of refinery olefins, renewable diesel, other biofuels, and petrochemical feedstocks. See footnote 2.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

² EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, April 2023
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	1,130	-5	-	296	-	0	0	0	88	88
Algeria	12	-	-	20	-	-	-	-	64	64
Angola	73	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	6	2	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	193	-	-	171	-	-	-	-	-	-
Kuwait	12	-	-	-	-	0	0	-	-	-
Libya	87	-	-	-	-	-	-	-	-	-
Nigeria	219	-6	-	9	-	-	-	-	5	5
Saudi Arabia	388	-	-	111	-	0	0	-	13	13
United Arab Emirates	-	0	-	0	-	1	1	0	7	7
Venezuela	140	-	-	-15	-	-	-	-	-	-
Non-OPEC	954	-2,503	17	30	-	-631	-631	144	467	611
Argentina	32	-	-	0	-	0	0	-	1	1
Aruba	-	0	-	0	-	-2	-2	-	-	-
Australia	-	-18	-	0	-	-	-	-	0	0
Bahamas	-	-1	-	-9	-	-1	-1	-	11	11
Bahrain	-	-	-	-	-	0	0	0	-	0
Belgium	-	-99	-	-32	-	0	0	-	13	13
Brazil	121	-60	-	4	-	-11	-11	-	4	4
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,404	-89	17	-77	-	-9	-9	66	50	116
Chad	-	-	-	-	-	-	-	-	-	-
China	-1,047	-356	-	0	-	-	-	-	-	-
Colombia	127	-3	-	-30	-	-20	-20	-	-	-
Denmark	-45	-	-	-	-	-	-	-	0	0
Dominican Republic	-36	-41	-	0	-	-30	-30	-	-	-
Ecuador	114	-36	-	26	-	-20	-20	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-50	0	-	0	-	2	2	9	10	19
France	-85	-9	-	-1	-	9	9	-	16	16
Germany	-66	-	-	0	-	0	0	-	-	-
Guatemala	-	-14	-	0	-	-51	-51	-	-	-
Honduras	-	-22	-	0	-	-15	-15	-	-	-
India	-227	-124	-	12	-	12	12	11	90	101
Indonesia	-40	-71	-	0	-	-	-	-	-	-
Italy	-131	-	-	5	-	7	7	-	29	29
Japan	-	-407	-	-28	-	0	0	-	6	6
Korea, South	-382	-170	-	0	-	9	9	-	45	45
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-25	-	-	-	-	4	4	-	11	11
Malaysia	-	-	-	0	-	-	-	-	-	-
Mexico	606	-225	-	146	-	-416	-416	-2	-20	-22
Netherlands	-491	-120	-	-19	-	29	29	21	59	80
Norway	40	-32	-	-4	-	21	21	10	12	23
Oman	-	-	-	0	-	-	-	-	3	3
Panama	-	-16	-	0	-	-21	-21	-	0	0
Portugal	-	-	-	-	-	1	1	-	38	38
Puerto Rico	-	0	-	0	-	0	0	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	0	-	-	-	-	-	-
Spain	-243	-20	-	4	-	13	13	-	42	42
Sweden	-33	-71	-	-4	-	4	4	-	7	7
Trinidad and Tobago	53	2	-	0	-	0	0	-	-	-
United Kingdom	-246	-45	-	-9	-	0	0	29	11	41
Vietnam	-	-	-	0	-	-	-	-	-	-
Virgin Islands, U.S.	-	-4	-	-	-	0	0	-	-	-
Yemen	-	-	-	0	-	-	-	-	-	-
Other	-396	-452	0	46	-	-146	-146	0	29	27
Total	2,083	-2,508	17	326	-	-630	-630	144	555	699
Persian Gulf⁴	593	0	-	282	-	0	0	0	20	20

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, April 2023
(Thousand Barrels per Day) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	0	-	-	-	0	-	-	-	0	0	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	0	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	0	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	0	-	-	-	0	-	-
United Arab Emirates	0	-	-	-	0	-	-	-	0	0	-
Venezuela	-	-	-	-	0	-	-	-	0	-	-
Non-OPEC	-95	-5	14	-	-741	-83	-40	-	-864	-1	0
Argentina	-	-	-	-	-35	-	-	-	-35	0	-
Aruba	-	-	-	-	-1	-	-	-	-1	-	-
Australia	0	-	-	-	0	-	0	-	0	-	-
Bahamas	-	-	-	-	-6	-	-5	-	-11	-	-
Bahrain	0	-	-	-	-	-	-	-	-	-	-
Belgium	0	-	-	-	-10	-	-	-	-10	-	-
Brazil	-	-	-	-	-42	-	-	-	-42	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	16	-	-	-	16	-	-
Canada	-37	-23	-	-	119	-1	-3	-	115	0	0
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	-	-	-	0	-	-	-	0	-	-
Colombia	-2	-	-	-	11	-	-	-	11	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Dominican Republic	-	-	-	-	-24	-	-5	-	-29	-	-
Ecuador	-	-	-	-	-35	-	-	-	-35	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	0	-	0	-	-
France	-	-	-	-	-	-	-	-	-	0	-
Germany	-	13	-	-	0	-	-	-	0	-	-
Guatemala	-	-	-	-	-4	-34	-7	-	-45	0	-
Honduras	-	-	-	-	-9	-9	0	-	-17	-	-
India	-8	-	-	-	0	-	-	-	0	-	-
Indonesia	0	0	-	-	-	-	-	-	-	-	-
Italy	-	3	-	-	-	-	-	-	-	-	-
Japan	0	-	-	-	-	-	-	-	-	-	-
Korea, South	-9	3	-	-	0	-	-	-	0	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-5	0	-	-	-266	0	0	-	-266	0	-
Netherlands	-12	-	-	-	-21	-2	-	-	-23	-	-
Norway	-	0	-	-	-5	-	-	-	-5	-	-
Oman	-	-	-	-	0	-	-	-	0	-	-
Panama	-	-	-	-	-38	-	-	-	-38	0	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	0	-	-	-	-16	-	-	-	-16	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	7	-	-	-18	-	-	-	-18	-	-
Sweden	-	-	-	-	0	-	-	-	0	-	-
Trinidad and Tobago	0	-	-	-	0	-	-	-	0	-	-
United Kingdom	-8	-	-	-	-65	-	-	-	-65	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-14	-	-12	-	-27	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-14	-8	14	-	-278	-37	-8	-	-323	-1	0
Total	-95	-5	14	-	-742	-83	-40	-	-864	-1	0
Persian Gulf⁴	0	-	-	-	0	-	-	-	0	0	-

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, April 2023
(Thousand Barrels per Day) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
OPEC	-	27	-	3	-	-	0	0
Algeria	-	-	-	2	-	-	-	-
Angola	-	-	-	0	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	-	-	-	1	-	-	-	-
Kuwait	-	14	-	-	-	-	-	0
Libya	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-
Saudi Arabia	-	14	-	0	-	-	0	-
United Arab Emirates	-	-	-	-	-	-	0	0
Venezuela	-	-	-	-	-	-	0	-
Non-OPEC	-	-17	22	-20	20	-22	0	-483
Argentina	-	-	-	1	-	1	0	-
Aruba	-	-3	-	-	-	-	-	-
Australia	-	-	-	-	-	-	0	-5
Bahamas	-	-2	-	-21	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-5
Brazil	-	-	-	-5	-	1	0	-46
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-2
Canada	-	-2	3	-7	3	2	0	-33
Chad	-	-	-	-	-	-	-	-
China	-	-	-	0	-	-	0	-62
Colombia	-	-	-	12	-	-	0	4
Denmark	-	-	-	-	-	-	-	-
Dominican Republic	-	-3	-	-2	-	-	0	-
Ecuador	-	-	-	-	-	-	-	-7
Estonia	-	-	-	-	-	-	-	-
Finland	-	-	-	0	-	-	-	-
France	-	-	1	-	-	1	0	-1
Germany	-	-	0	0	-	-	0	0
Guatemala	-	-4	-	0	-	-	0	-7
Honduras	-	-2	-	-	-	-	-	0
India	-	0	-	-	-	-13	0	-71
Indonesia	-	-	-	-	-	-	0	0
Italy	-	4	-	0	-	-	0	-16
Japan	-	32	-	10	-	-	0	-72
Korea, South	-	57	17	-9	3	-	0	0
Latvia	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-
Malaysia	-	-	-	4	-	-	0	0
Mexico	-	-39	-	26	2	-2	-1	-72
Netherlands	-	-	-	-40	3	-	0	-
Norway	-	-	-	-	-	-	-	-3
Oman	-	-	-	-	-	-	-	-
Panama	-	-15	-	-7	-	-	0	-
Portugal	-	-	-	-	-	-	0	-
Puerto Rico	-	-	-	-	-	-	0	-
Qatar	-	-	-	-	0	-	-	0
Russia	-	-	-	-	-	-	-	-
Spain	-	-	-	0	1	-	0	-1
Sweden	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-4	-	-	-	-	-	-
United Kingdom	-	-	-	1	1	-	0	-10
Vietnam	-	-	-	-	-	-	0	-
Virgin Islands, U.S.	-	-2	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-
Other	-	-34	1	17	7	-12	1	-74
Total	-	10	22	-17	20	-22	0	-483
Persian Gulf⁴	-	27	-	1	0	-	0	0

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, April 2023
(Thousand Barrels per Day) — Continued

Country of Origin	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
OPEC	0	-6	0	404	1,533
Algeria	-	0	-	86	97
Angola	-	0	-	0	73
Congo (Brazzaville)	-	-	-	-	-
Equatorial Guinea	-	0	-	2	7
Gabon	-	-	-	0	0
Iran	-	-	-	-	-
Iraq	-	0	-	172	365
Kuwait	-	0	-	14	26
Libya	-	0	-	0	87
Nigeria	-	-7	-	0	218
Saudi Arabia	-	0	-	138	525
United Arab Emirates	0	1	0	8	8
Venezuela	-	0	-	-15	125
Non-OPEC	40	-48	-3	-3,937	-2,983
Argentina	0	-1	0	-33	-1
Aruba	-	0	-	-6	-6
Australia	0	0	0	-24	-24
Bahamas	0	0	0	-34	-34
Bahrain	-	2	-	2	2
Belgium	0	-12	0	-144	-144
Brazil	-	-10	0	-167	-45
Brunei	-	-	-	-	-
Cameroon	-	0	-	15	15
Canada	49	1	0	31	3,434
Chad	-	0	-	0	0
China	0	0	0	-418	-1,465
Colombia	-	-4	0	-32	95
Denmark	-	0	-	0	-44
Dominican Republic	-2	-1	-	-108	-144
Ecuador	-	-1	0	-74	41
Estonia	-	-	-	-	-
Finland	-	0	-	21	-29
France	-	0	-	16	-69
Germany	0	1	0	14	-52
Guatemala	-	-1	-	-122	-122
Honduras	-4	0	-	-61	-61
India	0	-3	0	-93	-319
Indonesia	0	2	-	-70	-109
Italy	0	0	-	32	-99
Japan	0	0	0	-460	-460
Korea, South	0	10	0	-44	-426
Latvia	-	0	-	0	0
Lithuania	-	0	0	15	-10
Malaysia	0	0	-	4	4
Mexico	-2	-32	-2	-910	-305
Netherlands	1	0	0	-102	-593
Norway	-	0	-	-1	39
Oman	-	0	-	3	3
Panama	-1	-5	-	-104	-104
Portugal	-	0	-	39	39
Puerto Rico	0	-1	-	-17	-17
Qatar	-	22	-	22	22
Russia	-	0	-	0	0
Spain	-	0	-	28	-216
Sweden	-	0	-	-64	-97
Trinidad and Tobago	-	0	-	-3	51
United Kingdom	0	0	-	-96	-342
Vietnam	-	0	0	0	0
Virgin Islands, U.S.	-	0	-	-33	-33
Yemen	-	0	-	0	0
Other	-1	-15	-1	-959	-1,358
Total	40	-55	-3	-3,533	-1,450
Persian Gulf⁴	0	25	0	356	949

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

Quantities are gross imports because exports are excluded from EIA data.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Includes gross imports of refinery olefins, renewable diesel, other biofuels, and petrochemical feedstocks. See footnote 2.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

² EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, May 2023
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	1,011	-7	-	193	-	1	1	14	50	64
Algeria	30	-	-	57	-	-	-	-	-	-
Angola	44	-	-	-	-	-	-	-	9	9
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	2	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	194	-	-	109	-	-	-	-	-	-
Kuwait	24	0	-	-	-	-	-	-	-	-
Libya	75	0	-	-	-	-	-	-	-	-
Nigeria	156	-9	-	-	-	-	-	-	5	5
Saudi Arabia	303	0	-	27	-	-	-	-	26	26
United Arab Emirates	-	0	-	0	-	1	1	14	10	24
Venezuela	185	0	-	-	-	-	-	-	-	-
Non-OPEC	1,607	-2,468	19	-58	-	-544	-544	144	364	508
Argentina	46	-	-	0	-	-16	-16	-	12	12
Aruba	-	0	-	-	-	0	0	-	-	-
Australia	-48	0	-	0	-	-	-	0	-	0
Bahamas	-	-2	-	-12	-	-8	-8	-	0	0
Bahrain	-	-	-	-	-	-	-	-	0	0
Belgium	-	-36	-	-49	-	16	16	-	4	4
Brazil	58	-48	-	2	-	-33	-33	0	12	12
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,632	-144	19	-57	-	-2	-2	80	20	99
Chad	-	-	-	-	-	-	-	-	-	-
China	-263	-518	-	0	-	-	-	-	-	-
Colombia	172	-2	-	-9	-	-20	-20	-	6	6
Denmark	-22	-	-	-	-	0	0	0	3	3
Dominican Republic	-16	-25	-	0	-	-11	-11	-	-	-
Ecuador	169	-35	-	21	-	-29	-29	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-54	-19	-	-	-	1	1	0	14	14
France	-179	-44	-	-1	-	15	15	1	7	7
Germany	-18	0	-	-11	-	-	-	-	1	1
Guatemala	9	-13	-	0	-	-61	-61	-	-	-
Honduras	-	-22	-	-	-	-13	-13	-	-	-
India	-288	-93	-	0	-	7	7	-	92	92
Indonesia	-	-46	-	-	-	-	-	-	-	-
Italy	-160	-	-	-5	-	3	3	-	21	21
Japan	-66	-384	-	-7	-	5	5	-	10	10
Korea, South	-333	-231	-	0	-	19	19	-	19	19
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-22	-	-	-	-	-	-	-	6	6
Malaysia	-	-	-	0	-	-	-	-	-	-
Mexico	709	-146	-	118	-	-387	-387	-2	-47	-49
Netherlands	-553	-40	-	-34	-	18	18	24	38	62
Norway	13	-34	-	-8	-	23	23	8	21	29
Oman	-	-	-	0	-	0	0	-	1	1
Panama	-34	-8	-	0	-	-21	-21	-	-	-
Portugal	-27	-13	-	-	-	0	0	0	38	38
Puerto Rico	-	0	-	-3	-	0	0	-	0	0
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-294	-44	-	1	-	6	6	1	37	38
Sweden	-163	-56	-	-	-	1	1	-	-	-
Trinidad and Tobago	20	0	-	0	-	0	0	-	-	-
United Kingdom	-254	-35	-	-22	-	28	28	32	4	36
Vietnam	-	0	-	0	-	-	-	-	-	-
Virgin Islands, U.S.	-	-7	-	0	-	0	0	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	-427	-423	0	18	-	-85	-85	0	45	47
Total	2,619	-2,475	19	135	-	-544	-544	158	414	572
Persian Gulf⁴	521	0	-	136	-	1	1	14	36	50

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, May 2023
(Thousand Barrels per Day) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-2	-	-	-	0	-	-	-	0	0	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	0	-	-	-	0	0	-
Saudi Arabia	-2	-	-	-	0	-	-	-	0	-	-
United Arab Emirates	0	-	-	-	-	-	-	-	-	0	-
Venezuela	-	-	-	-	0	-	-	-	0	-	-
Non-OPEC	-84	2	37	-	-821	-128	-46	-	-995	0	0
Argentina	0	-	-	-	-43	-	-19	-	-63	-	-
Aruba	0	-	-	-	0	-	-	-	0	-	-
Australia	-	-	-	-	0	-	-	-	0	-	-
Bahamas	-	-	-	-	-6	-10	0	-	-15	0	-
Bahrain	-	-	-	-	0	-	-	-	0	-	-
Belgium	0	-	-	-	-10	-	-	-	-10	-	-
Brazil	0	-	-	-	-68	-	0	-	-68	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-39	-15	-	-	148	-12	-5	-	132	1	0
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	0	-	-	0	-	-	-	0	-	-
Colombia	-5	-	-	-	-7	0	-	-	-7	-	-
Denmark	-	-	-	-	-16	-10	-	-	-26	-	-
Dominican Republic	0	0	-	-	-6	-1	-5	-	-12	0	-
Ecuador	-	-	-	-	-27	-	-	-	-27	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	6	-	-	-	0	-	0	-	-
France	0	-	-	-	-38	-	-	-	-38	-	-
Germany	0	10	-	-	0	-	-	-	0	-	-
Guatemala	0	-	-	-	-27	-19	-	-	-46	0	-
Honduras	-	-	-	-	-4	-13	-	-	-17	0	-
India	0	-	-	-	0	-	-	-	0	-	-
Indonesia	-	0	-	-	-	-	-	-	-	-	-
Italy	-	4	-	-	-	-	-	-	-	-	-
Japan	0	-	-	-	-	-	-	-	-	-	-
Korea, South	-7	2	-	-	10	-	-	-	10	-	-
Latvia	-	-	-	-	-8	-	-	-	-8	0	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	0	-	-	-	-	-	-	-	-	-	-
Mexico	-1	0	-	-	-299	0	0	-	-299	0	-
Netherlands	-16	-	-	-	-57	-2	-3	-	-62	-	-
Norway	0	-	-	-	-10	-	-	-	-10	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Panama	-	-	-	-	-30	-10	0	-	-40	0	-
Portugal	-	-	-	-	-10	-	-	-	-10	-	-
Puerto Rico	0	-	-	-	0	-	-	-	0	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	2	-	-	-9	-20	-	-	-29	-	-
Sweden	-1	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-7	-	-	-	-100	-	-	-	-100	0	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-8	-	-8	0	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-8	-1	31	-	-204	-31	-6	-	-242	-1	0
Total	-86	2	37	-	-821	-128	-46	-	-995	0	0
Persian Gulf⁴	-2	-	-	-	0	-	-	-	0	0	-

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, May 2023
(Thousand Barrels per Day) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
OPEC	-	35	-	1	0	-	0	-23
Algeria	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	-	-	-	0	-	-	-	-
Kuwait	-	16	-	-	-	-	0	-
Libya	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	0	0	-	0	-3
United Arab Emirates	-	19	-	-	-	-	0	-19
Venezuela	-	-	-	-	-	-	-	-
Non-OPEC	-	-11	15	-39	22	-14	0	-587
Argentina	-	-1	-	0	-	1	0	-
Aruba	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	0	-8
Bahamas	-	-3	-	-	-	-	-	-
Bahrain	-	0	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	0
Brazil	-	-	1	-4	-	-	0	-54
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-
Canada	-	5	3	-1	3	3	0	-30
Chad	-	-	-	-	-	-	-	-
China	-	0	-	0	-	-	0	-41
Colombia	-	-	-	14	-	-1	0	0
Denmark	-	-	-	-13	-	-	-	-6
Dominican Republic	-	-5	-	0	-	-	0	-6
Ecuador	-	-	-	-	-	-	0	-7
Estonia	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-
France	-	-9	-	-	-	1	0	-8
Germany	-	-	-	0	-	-	0	-10
Guatemala	-	-3	-	-	-	-	0	-9
Honduras	-	-1	-	-	-	-	0	-31
India	-	6	-	-4	1	-11	0	-119
Indonesia	-	-	-	-	-	-	0	-4
Italy	-	-	-	-	1	-	0	-12
Japan	-	2	1	-	1	-	0	-59
Korea, South	-	81	10	-9	8	-	0	-8
Latvia	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	0	-1
Mexico	-	-14	-	40	1	1	-1	-21
Netherlands	-	-	-	-22	-	-	0	-14
Norway	-	-	-	-	-	-	-	-4
Oman	-	-	-	-	0	-	-	-2
Panama	-	-14	-	-8	-	-	-	-
Portugal	-	-	-	-	-	-	-	-
Puerto Rico	-	0	-	-	-	-	0	-
Qatar	-	-	-	-	-	-	0	0
Russia	-	-	-	-	-	-	-	-
Spain	-	0	-	0	-	-	0	-15
Sweden	-	-9	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	0	0
United Kingdom	-	-	-	-	0	-	0	-7
Vietnam	-	-	-	-	-	-	0	0
Virgin Islands, U.S.	-	-	-	-23	-	-	-	-
Yemen	-	-	-	-	-	-	-	-
Other	-	-46	0	-9	7	-8	1	-111
Total	-	23	15	-38	23	-14	0	-609
Persian Gulf⁴	-	35	-	1	0	-	0	-23

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, May 2023
(Thousand Barrels per Day) — Continued

Country of Origin	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
OPEC	0	-3	--	258	1,269
Algeria	--	0	--	57	87
Angola	--	0	--	9	53
Congo (Brazzaville)	--	--	--	--	--
Equatorial Guinea	--	0	--	2	2
Gabon	--	0	--	0	0
Iran	--	--	--	--	--
Iraq	--	0	--	109	303
Kuwait	--	0	--	16	40
Libya	--	0	--	0	75
Nigeria	--	-7	--	-11	145
Saudi Arabia	--	0	--	48	350
United Arab Emirates	0	4	--	28	28
Venezuela	--	0	--	0	184
Non-OPEC	27	-81	-3	-4,253	-2,645
Argentina	0	-2	--	-69	-23
Aruba	--	0	--	0	0
Australia	--	0	0	-8	-56
Bahamas	0	0	0	-39	-39
Bahrain	--	3	--	3	3
Belgium	0	-16	0	-91	-91
Brazil	0	-12	0	-204	-146
Brunei	--	0	--	0	0
Cameroon	--	0	--	0	0
Canada	35	-1	0	12	3,643
Chad	--	--	--	--	--
China	0	0	0	-560	-823
Colombia	0	-4	0	-28	144
Denmark	--	--	--	-42	-64
Dominican Republic	-1	-2	0	-62	-77
Ecuador	0	-3	0	-80	90
Estonia	--	--	--	--	--
Finland	--	0	--	2	-53
France	--	-3	--	-79	-258
Germany	0	1	--	-9	-27
Guatemala	--	0	--	-132	-123
Honduras	-1	0	--	-85	-85
India	0	-12	0	-134	-422
Indonesia	--	2	--	-48	-48
Italy	--	0	--	12	-148
Japan	0	0	0	-432	-497
Korea, South	0	12	0	-94	-428
Latvia	--	--	--	-8	-8
Lithuania	--	0	--	6	-16
Malaysia	0	0	--	-1	-1
Mexico	-3	-45	-2	-808	-99
Netherlands	0	3	0	-104	-658
Norway	--	0	0	-4	9
Oman	--	0	--	-1	-1
Panama	-1	0	0	-93	-127
Portugal	--	0	--	16	-11
Puerto Rico	--	-1	--	-4	-4
Qatar	--	13	--	13	13
Russia	--	--	--	--	--
Spain	--	0	--	-39	-333
Sweden	--	0	0	-65	-229
Trinidad and Tobago	0	-1	0	-1	19
United Kingdom	0	0	0	-106	-360
Vietnam	--	0	0	0	0
Virgin Islands, U.S.	--	0	--	-38	-38
Yemen	--	0	--	0	0
Other	-2	-13	-1	-849	-1,273
Total	27	-84	-3	-3,995	-1,376
Persian Gulf⁴	0	20	--	218	738

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

Quantities are gross imports because exports are excluded from EIA data.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Includes gross imports of refinery olefins, renewable diesel, other biofuels, and petrochemical feedstocks. See footnote 2.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

² EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, June 2023
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	1,040	-11	-	241	-	0	0	-	45	45
Algeria	17	-	-	61	-	-	-	-	1	1
Angola	47	-	-	-	-	-	-	-	1	1
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	2	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	182	-	-	129	-	-	-	-	-	-
Kuwait	20	-	-	8	-	-	-	-	-	-
Libya	112	-	-	-	-	-	-	-	-	-
Nigeria	154	-13	-	-	-	-	-	-	-	-
Saudi Arabia	383	-	-	58	-	0	0	-	44	44
United Arab Emirates	-	-	-	1	-	-	-	-	0	0
Venezuela	126	0	-	-15	-	-	-	-	-	-
Non-OPEC	1,564	-2,498	18	120	-	-592	-592	140	554	694
Argentina	32	0	-	0	-	-9	-9	-	7	7
Aruba	-	-	-	0	-	-4	-4	-	-	-
Australia	11	-2	-	2	-	0	0	-	-	-
Bahamas	-	-2	-	-5	-	24	24	-	22	22
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-26	-	-25	-	16	16	5	22	27
Brazil	120	-46	-	24	-	-	-	-	8	8
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,415	-184	18	-38	-	0	0	67	33	100
Chad	-	-	-	-	-	-	-	-	-	-
China	-304	-519	-	0	-	-	-	-	-	-
Colombia	204	-1	-	-10	-	-30	-30	-	-	-
Denmark	-23	-	-	-	-	-	-	-	-	-
Dominican Republic	-33	-38	-	0	-	-24	-24	0	0	0
Ecuador	88	-36	-	-	-	-20	-20	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-10	-	-	-	0	0	0	24	25
France	-139	-19	-	0	-	4	4	6	2	7
Germany	-87	-	-	0	-	0	0	3	1	4
Guatemala	-	-20	-	0	-	-46	-46	0	-	0
Honduras	-	-12	-	0	-	-19	-19	-	-	-
India	-144	-88	-	18	-	4	4	-	104	104
Indonesia	-	-55	-	0	-	-	-	-	-	-
Italy	-174	-	-	6	-	2	2	-	38	38
Japan	-	-384	-	-11	-	-10	-10	0	0	0
Korea, South	-276	-229	-	0	-	13	13	0	16	16
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	1	1	1	1	2
Malaysia	-	-	-	19	-	0	0	-	-	-
Mexico	834	-146	-	141	-	-409	-409	-1	-39	-39
Netherlands	-913	-112	-	-28	-	14	14	11	80	91
Norway	-	-42	-	-	-	1	1	4	48	53
Oman	-	-	-	-	-	-	-	-	-	-
Panama	-	-11	-	0	-	-24	-24	-	-	-
Portugal	-25	-28	-	8	-	-	-	-	44	44
Puerto Rico	-	0	-	0	-	0	0	0	0	0
Qatar	-	-	-	-	-	0	0	0	-	0
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-195	-61	-	-	-	19	19	0	62	62
Sweden	-33	-25	-	-	-	4	4	1	10	11
Trinidad and Tobago	64	0	-	-	-	-19	-19	-	-	-
United Kingdom	-285	-31	-	0	-	13	13	42	25	67
Vietnam	10	-	-	0	-	-	-	-	-	-
Virgin Islands, U.S.	-	-6	-	0	-	-6	-6	-	0	0
Yemen	-	-	-	-	-	-	-	-	-	-
Other	-583	-365	0	19	-	-87	-87	1	46	45
Total	2,604	-2,509	18	361	-	-592	-592	140	599	739
Persian Gulf⁴	585	-	-	196	-	0	0	0	44	44

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, June 2023
(Thousand Barrels per Day) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-3	-	-	-	0	0	-	-	0	0	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-3	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	0	-
United Arab Emirates	0	-	-	-	0	-	-	-	0	0	-
Venezuela	-	-	-	-	0	0	-	-	0	-	-
Non-OPEC	-86	6	23	0	-913	-60	-50	-	-1,024	-2	0
Argentina	0	0	-	-	-50	0	-	-	-50	-	-
Aruba	-	-	-	-	-1	-	-	-	-1	-	-
Australia	0	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-21	-	-5	-	-26	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	0	-	-	-	-10	-	-	-	-10	-	-
Brazil	0	-	-	-	-37	-	-	-	-37	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	9	-	-	-	9	-	-
Canada	-40	-17	-	-	127	0	-2	-	125	0	0
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	-	-	-	0	-	-	-	0	-	-
Colombia	-4	-	-	-	-10	-	0	-	-10	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Dominican Republic	0	-	-	-	-16	-	-10	-	-26	-	-
Ecuador	-	-	-	-	-58	-	-	-	-58	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-30	-	-	-	-30	-	-
Germany	0	21	-	-	-	-	-	-	-	-	-
Guatemala	0	-	-	-	0	-21	-3	-	-24	0	-
Honduras	-	-	-	-	0	-12	-5	-	-17	0	-
India	0	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Japan	0	-	-	-	0	-	-	-	0	-	-
Korea, South	-8	3	-	-	2	-	-	-	2	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	0	-	-	-	0	-	-
Malaysia	0	-	-	-	-	-	-	-	-	-	-
Mexico	-3	0	-	-	-270	0	0	-	-271	0	-
Netherlands	-13	-	-	-	-79	-	-3	-	-82	-	-
Norway	-1	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Panama	-	-	-	-	-102	-1	-3	-	-106	0	-
Portugal	-	-	-	-	-11	-	-	-	-11	-	-
Puerto Rico	0	-	-	-	-2	0	-	-	-2	0	-
Qatar	0	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	0	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-4	-	-5	-	-8	-	-
United Kingdom	-11	-	-	-	-60	-	-	-	-60	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-30	-	-3	-	-32	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-6	-1	23	0	-260	-26	-11	-	-299	-2	0
Total	-89	6	23	0	-913	-60	-50	-	-1,024	-2	0
Persian Gulf⁴	0	-	-	-	0	-	-	-	0	0	-

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, June 2023
(Thousand Barrels per Day) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
OPEC	-	23	-	9	-	-	0	4
Algeria	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-
Kuwait	-	23	-	9	-	-	-	-
Libya	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	0
United Arab Emirates	-	-	-	0	-	-	0	4
Venezuela	-	-	-	-	-	-	-	-
Non-OPEC	-	-42	20	-55	12	-41	-1	-652
Argentina	-	-	-	-16	-	-1	0	3
Aruba	-	-3	-	0	-	-	-	-
Australia	-	-	-	15	-	-	0	-7
Bahamas	-	-3	-	-11	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	0
Brazil	-	-	-	0	-	-	0	-60
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-
Canada	-	-25	4	1	3	2	-1	-15
Chad	-	-	-	-	-	-	-	-
China	-	0	-	0	-	-	1	-46
Colombia	-	-	-	-	-	-	0	-
Denmark	-	-	-	-	-	-	-	-
Dominican Republic	-	-7	-	-6	-	-	0	-
Ecuador	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-
France	-	0	-	-	-	1	0	-
Germany	-	-	-	0	-	-	0	0
Guatemala	-	-2	-	-	-	-	0	-18
Honduras	-	-2	-	0	-	-	-	-2
India	-	0	-	-7	-	-15	0	-154
Indonesia	-	-	-	-	-	-	0	-
Italy	-	-	-	-	-	-1	-	-23
Japan	-	20	-	0	-	-	0	-46
Korea, South	-	72	16	-10	4	-	0	-10
Latvia	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-
Malaysia	-	-	-	9	-	-	0	0
Mexico	-	-41	-	11	1	-1	-1	-53
Netherlands	-	-	-	-22	-	-	0	-1
Norway	-	-	-	-	-	-	-	-4
Oman	-	-	-	-	-	-	-	4
Panama	-	-14	-	-2	-	-	0	-10
Portugal	-	-	-	-	-	-	0	-7
Puerto Rico	-	-8	-	-	-	-	0	-
Qatar	-	-	-	-	0	-	-	-
Russia	-	-	-	-	-	-	-	-
Spain	-	-	-	0	-	-	0	-33
Sweden	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	0	-
United Kingdom	-	-	-	0	-	-	0	-
Vietnam	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-11	-	-25	-	-	-	-
Yemen	-	-	-	-	-	-	-	-
Other	-	-18	0	8	4	-26	0	-175
Total	-	-18	20	-46	12	-41	-1	-652
Persian Gulf⁴	-	23	-	9	0	-	0	4

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, June 2023
(Thousand Barrels per Day) — Continued

Country of Origin	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
OPEC	0	4	0	313	1,354
Algeria	—	—	—	61	78
Angola	—	—	—	1	48
Congo (Brazzaville)	—	—	—	—	—
Equatorial Guinea	—	0	—	2	2
Gabon	—	0	—	0	0
Iran	—	—	—	—	—
Iraq	—	0	—	129	311
Kuwait	—	0	—	40	60
Libya	—	0	—	0	112
Nigeria	—	-3	—	-18	136
Saudi Arabia	—	0	—	101	484
United Arab Emirates	0	7	0	13	13
Venezuela	—	0	—	-15	111
Non-OPEC	32	-67	-3	-4,141	-2,577
Argentina	0	-2	—	-69	-37
Aruba	—	0	—	-8	-8
Australia	—	0	0	7	19
Bahamas	0	0	0	-2	-2
Bahrain	—	—	—	—	—
Belgium	0	-6	0	-24	-24
Brazil	0	-14	0	-124	-4
Brunei	—	—	—	—	—
Cameroon	—	—	—	9	9
Canada	43	0	0	-24	3,391
Chad	—	—	—	—	—
China	0	0	0	-566	-870
Colombia	0	-2	0	-57	146
Denmark	—	0	—	0	-23
Dominican Republic	0	-1	—	-102	-135
Ecuador	0	-1	0	-115	-27
Estonia	—	—	—	—	—
Finland	—	0	—	15	15
France	—	0	—	-38	-177
Germany	0	0	—	25	-62
Guatemala	—	-1	—	-110	-110
Honduras	-1	0	—	-54	-54
India	0	-8	0	-146	-291
Indonesia	0	2	—	-52	-52
Italy	—	0	—	22	-153
Japan	0	0	0	-432	-432
Korea, South	0	12	0	-118	-394
Latvia	—	0	—	0	0
Lithuania	—	0	0	3	3
Malaysia	—	0	0	28	28
Mexico	-3	-42	-2	-857	-23
Netherlands	0	1	0	-152	-1,065
Norway	—	0	—	5	5
Oman	—	0	—	4	4
Panama	-1	-1	—	-170	-170
Portugal	—	0	—	6	-19
Puerto Rico	-3	-1	0	-14	-14
Qatar	0	11	—	11	11
Russia	—	0	—	0	0
Spain	1	0	—	-12	-207
Sweden	—	0	—	-10	-43
Trinidad and Tobago	—	0	0	-27	37
United Kingdom	—	-1	—	-22	-307
Vietnam	0	0	—	0	9
Virgin Islands, U.S.	0	0	—	-81	-81
Yemen	—	—	—	—	—
Other	-4	-13	-1	-890	-1,470
Total	32	-63	-3	-3,828	-1,224
Persian Gulf⁴	0	18	0	294	879

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization. Quantities are gross imports because exports are excluded from EIA data.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Includes gross imports of refinery olefins, renewable diesel, other biofuels, and petrochemical feedstocks. See footnote 2.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

² EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, July 2023
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	1,045	-5	-	231	-	-6	-6	0	60	60
Algeria	18	-	-	58	-	-	-	-	21	21
Angola	36	3	-	-	-	4	4	-	1	1
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	204	-	-	99	-	-	-	-	-	-
Kuwait	26	-	-	-	-	-	-	-	-	-
Libya	20	-	-	-	-	-	-	-	-	-
Nigeria	164	-8	-	-	-	-10	-10	-	-	-
Saudi Arabia	392	-	-	74	-	-	-	-	33	33
United Arab Emirates	-	-	-	0	-	-	-	-	5	5
Venezuela	153	0	-	-	-	0	0	0	-	0
Non-OPEC	1,337	-2,445	17	34	-	-773	-773	144	336	480
Argentina	54	-	-	0	-	-	-	-	6	6
Aruba	-	0	-	0	-	-2	-2	-	-	-
Australia	-28	-19	-	0	-	-	-	0	-	0
Bahamas	-	-1	-	0	-	-12	-12	-	-6	-6
Bahrain	-	0	-	-	-	-	-	-	-	-
Belgium	-	-51	-	-12	-	16	16	0	8	8
Brazil	151	-46	-	26	-	0	0	-	26	26
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,258	-84	17	-71	-	-10	-10	51	17	69
Chad	-	-	-	-	-	-	-	-	-	-
China	-361	-437	-	0	-	-	-	-	16	16
Colombia	190	-2	-	-21	-	-69	-69	-	-	-
Denmark	-	-	-	-	-	-	-	1	-	1
Dominican Republic	-17	-37	-	0	-	-21	-21	-	-	-
Ecuador	192	-34	-	-	-	-39	-39	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-44	-	-	-	-	-	-	2	2
France	-184	-35	-	-21	-	0	0	-	14	14
Germany	-68	-	-	0	-	2	2	0	3	4
Guatemala	-	-9	-	0	-	-63	-63	-	0	0
Honduras	-	-23	-	0	-	-13	-13	-	-	-
India	-197	-93	-	0	-	-	-	-	70	70
Indonesia	-27	-45	-	0	-	-	-	-	-	-
Italy	-255	-	-	-8	-	-	-	0	13	13
Japan	-	-542	-	-41	-	-	-	0	-	0
Korea, South	-198	-211	-	0	-	22	22	-	6	6
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-24	-	-	-	-	-	-	-	-	-
Malaysia	-7	-	-	33	-	-	-	-	-	-
Mexico	746	-175	-	130	-	-462	-462	0	-47	-48
Netherlands	-819	-56	-	-27	-	24	24	42	49	91
Norway	7	-52	-	-2	-	-	-	-	39	39
Oman	-	-	-	21	-	-	-	-	-	-
Panama	-23	-6	-	0	-	-22	-22	-	-	-
Portugal	-	-	-	4	-	-	-	1	18	19
Puerto Rico	-	0	-	0	-	0	0	-	0	0
Qatar	-	-	-	-	-	-	-	-	0	0
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-190	-46	-	11	-	11	11	-	44	44
Sweden	-32	-44	-	-	-	-	-	1	-	1
Trinidad and Tobago	49	0	-	0	-	0	0	-	-	-
United Kingdom	-351	-30	-	-1	-	-1	-1	43	11	54
Vietnam	-	-	-	0	-	-	-	-	-	-
Virgin Islands, U.S.	-	-3	-	0	-	0	0	-	-11	-11
Yemen	-	-	-	-	-	-	-	-	-	-
Other	-529	-320	0	13	-	-134	-134	5	58	62
Total	2,383	-2,450	17	265	-	-779	-779	144	397	540
Persian Gulf⁴	623	0	-	173	-	-	-	-	38	38

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, July 2023
(Thousand Barrels per Day) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-2	-	-	-	0	-	-	-	0	0	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	0	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-2	-	-	-	-	-	-	-	-	0	-
United Arab Emirates	0	-	-	-	0	-	-	-	0	0	-
Venezuela	0	-	-	-	0	-	-	-	0	-	-
Non-OPEC	-84	1	25	2	-1,011	-101	-32	-	-1,144	-1	2
Argentina	0	-	-	-	-9	-2	-	-	-11	-	-
Aruba	-	-	-	-	-1	-	-	-	-1	0	-
Australia	0	-	-	-	0	-	-	-	0	0	-
Bahamas	0	-	-	-	-13	-1	-6	-	-20	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	0	-	-	-	-20	-	-	-	-20	-	-
Brazil	0	-	-	-	-24	-	-	-	-24	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-48	-11	-	-	108	-18	-4	-	87	0	0
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	-	-	-	0	-	-	-	0	-	-
Colombia	-3	-	-	-	-10	-	-	-	-10	0	-
Denmark	-	-	-	-	-10	-	-	-	-10	-	-
Dominican Republic	0	-	-	-	-8	-5	-8	-	-21	-	-
Ecuador	0	-	-	-	-111	-	-	-	-111	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	2	-	-	-	-	-	-	-
France	0	-	-	-	-30	-	-	-	-30	0	-
Germany	0	8	-	-	-19	-	-	-	-19	-	-
Guatemala	-	-	-	-	-21	-15	-	-	-36	-	-
Honduras	-	-	-	-	-4	-11	-	-	-15	0	-
India	0	-	-	-	0	-	0	-	0	-	-
Indonesia	0	-	-	-	-	-	-	-	-	-	-
Italy	0	4	-	-	-	-	-	-	-	-	-
Japan	0	-	-	-	4	-	-	-	4	0	-
Korea, South	-8	-	-	-	3	-	-	-	3	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-10	-	-	-	-10	-	-
Malaysia	0	-	-	-	-	-	-	-	-	-	-
Mexico	-3	0	-	-	-307	-	0	-	-307	0	-
Netherlands	-4	-	-	-	-112	-8	0	-	-120	-	1
Norway	0	-	-	-	0	-	-	-	0	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Panama	-	-	-	-	-61	-2	0	-	-62	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	0	-	-	-	-3	0	-	-	-3	-	-
Qatar	0	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	2	-	-	-10	-	-	-	-10	-	-
Sweden	-1	-	-	-	0	-	-	-	0	-	-
Trinidad and Tobago	0	-	-	-	-	-	-6	-	-6	-	-
United Kingdom	-13	-	-	-	-50	-	-	-	-50	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	0	-	-5	-	-5	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-4	-2	25	0	-293	-39	-3	-	-337	-1	1
Total	-86	1	25	2	-1,011	-101	-32	-	-1,144	-1	2
Persian Gulf⁴	-2	-	-	-	0	-	-	-	0	0	-

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, July 2023
(Thousand Barrels per Day) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
OPEC	-	24	-	12	-	-	0	-4
Algeria	-	-	-	-	-	-	-	-
Angola	-	1	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	0	-	-	-	-
Gabon	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-
Kuwait	-	9	-	12	-	-	-	-
Libya	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-
Saudi Arabia	-	14	-	-	-	-	0	0
United Arab Emirates	-	-	-	-	-	-	0	-4
Venezuela	-	-	-	-	-	-	-	-
Non-OPEC	-	-46	27	-89	12	-22	1	-697
Argentina	-	1	-	-10	-	-	0	-
Aruba	-	-3	-	-	-	-	-	-
Australia	-	-	-	-	-	-	0	-5
Bahamas	-	-3	-	-10	-	-	-	-
Bahrain	-	-	-	-	-	-	0	-
Belgium	-	2	-	0	-	-	-	0
Brazil	-	-	1	-4	-	0	0	-56
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	0	-	-	-	-1
Canada	-	-11	6	-4	3	2	1	-23
Chad	-	-	-	-	-	-	-	-
China	-	10	-	0	-	-	1	-128
Colombia	-	-	-	1	-	-	0	-2
Denmark	-	-	-	-12	-	-	-	-
Dominican Republic	-	-4	-	-5	-	-	0	-13
Ecuador	-	-	-	-	-	-	0	-6
Estonia	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-
France	-	-	-	-	-	1	0	-10
Germany	-	-	-	-1	-	-	0	-
Guatemala	-	-3	-	-	-	-	0	-17
Honduras	-	-1	-	-	-	-	-	-19
India	-	4	-	-	-	-10	0	-105
Indonesia	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-2	0	-18
Japan	-	14	-	0	-	-	0	-65
Korea, South	-	53	17	-16	2	-	0	0
Latvia	-	-	-	-	-	-	0	-
Lithuania	-	-	-	-	-	-	-	-
Malaysia	-	-	-	3	-	-	0	-10
Mexico	-	-59	-	41	2	-2	-1	-38
Netherlands	-	-	1	-41	-	-	0	-20
Norway	-	-	-	-	-	-	-	-2
Oman	-	-	-	-	-	-	-	-2
Panama	-	-14	-	-10	-	0	-	-
Portugal	-	-	-	5	-	-	-	-
Puerto Rico	-	-	-	-	-	-	0	-
Qatar	-	-	-	-	0	-	0	-4
Russia	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	0	-16
Sweden	-	-	-	2	-	-	0	-
Trinidad and Tobago	-	-	-	-	-	-	-	0
United Kingdom	-	-	-	-	-	-	0	-
Vietnam	-	-	-	-	-	-	0	-
Virgin Islands, U.S.	-	-3	-	-11	-	-	-	-
Yemen	-	-	-	-	-	-	-	-
Other	-	-29	2	-17	5	-11	0	-137
Total	-	-22	27	-77	12	-22	1	-702
Persian Gulf⁴	-	23	-	12	0	-	0	-8

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, July 2023
(Thousand Barrels per Day) — Continued

Country of Origin	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
OPEC	0	-4	0	306	1,351
Algeria	—	—	—	79	98
Angola	0	0	—	9	45
Congo (Brazzaville)	—	—	—	—	—
Equatorial Guinea	—	0	—	0	0
Gabon	—	0	—	0	0
Iran	—	—	—	—	—
Iraq	—	0	—	99	303
Kuwait	0	0	—	21	48
Libya	—	0	—	0	20
Nigeria	—	-6	—	-24	140
Saudi Arabia	—	1	—	119	512
United Arab Emirates	0	1	0	1	1
Venezuela	—	0	—	0	153
Non-OPEC	53	-68	-2	-4,718	-3,380
Argentina	0	-1	0	-15	39
Aruba	—	0	—	-6	-6
Australia	0	0	0	-24	-52
Bahamas	0	0	0	-52	-52
Bahrain	—	4	—	4	4
Belgium	0	-16	0	-74	-74
Brazil	0	-14	0	-90	61
Brunei	—	—	—	—	—
Cameroon	—	0	—	-2	-2
Canada	55	0	0	-23	3,235
Chad	—	—	—	—	—
China	0	0	0	-539	-900
Colombia	0	-4	0	-109	81
Denmark	—	—	—	-20	-20
Dominican Republic	0	0	—	-101	-118
Ecuador	—	-1	—	-192	0
Estonia	—	—	—	—	—
Finland	—	0	—	-40	-40
France	—	-6	—	-86	-270
Germany	0	0	0	-6	-74
Guatemala	—	-1	—	-129	-129
Honduras	-1	0	0	-72	-72
India	0	-2	0	-136	-333
Indonesia	0	4	—	-41	-68
Italy	—	0	—	-11	-266
Japan	0	0	0	-631	-631
Korea, South	1	10	0	-122	-320
Latvia	—	0	—	0	0
Lithuania	—	-1	0	-11	-35
Malaysia	0	-1	0	26	19
Mexico	-4	-37	-1	-963	-217
Netherlands	0	3	0	-148	-967
Norway	—	0	—	-17	-10
Oman	—	0	—	19	19
Panama	—	0	—	-115	-137
Portugal	—	—	—	28	28
Puerto Rico	0	0	—	-4	-4
Qatar	—	11	—	8	8
Russia	—	—	—	—	—
Spain	—	0	—	-4	-193
Sweden	—	0	—	-42	-75
Trinidad and Tobago	—	0	—	-6	43
United Kingdom	0	0	0	-41	-391
Vietnam	0	0	0	0	0
Virgin Islands, U.S.	—	0	—	-34	-34
Yemen	—	0	—	0	0
Other	2	-16	-1	-897	-1,427
Total	53	-73	-2	-4,412	-2,029
Persian Gulf⁴	0	16	0	253	875

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

Quantities are gross imports because exports are excluded from EIA data.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Includes gross imports of refinery olefins, renewable diesel, other biofuels, and petrochemical feedstocks. See footnote 2.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

² EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, August 2023
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	1,199	-22	-	157	-	-8	-8	0	63	63
Algeria	13	-	-	67	-	-	-	0	11	11
Angola	51	-	-	5	-	-	-	-	5	5
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	2	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	14	-	-	-	-	-	-	-	-	-
Iraq	252	-	-	67	-	0	0	-	-	-
Kuwait	60	-	-	-	-	-	-	-	-	-
Libya	92	-	-	-	-	-	-	-	-	-
Nigeria	192	-15	-	4	-	-8	-8	-	4	4
Saudi Arabia	396	-	-	20	-	-	-	-	42	42
United Arab Emirates	-	-9	-	9	-	-	-	-	1	1
Venezuela	130	0	-	-15	-	0	0	0	-	0
Non-OPEC	1,384	-2,453	19	52	-	-651	-651	106	461	567
Argentina	62	-	-	0	-	-	-	-	7	7
Aruba	-	0	-	-	-	-2	-2	-	-	-
Australia	-23	0	-	0	-	-	-	-	-	-
Bahamas	-	-1	-	-7	-	-2	-2	-	13	13
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-72	-	18	-	34	34	1	8	8
Brazil	119	-45	-	20	-	-9	-9	-	16	16
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	0	-	-	-	-	-	-	-	-
Canada	3,592	-105	19	-24	-	7	7	59	46	105
Chad	-	-	-	-	-	-	-	-	-	-
China	-309	-435	-	-11	-	2	2	-	-	-
Colombia	251	-3	-	-26	-	-21	-21	0	-	0
Denmark	-68	-	-	-	-	-	-	-	-	-
Dominican Republic	-34	-45	-	0	-	-10	-10	-	-2	-2
Ecuador	231	-35	-	0	-	-78	-78	-	0	0
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	20	20
France	-147	-52	-	-1	-	3	3	-	18	18
Germany	-102	-3	-	0	-	0	0	4	2	6
Guatemala	-	0	-	0	-	-42	-42	-	-	-
Honduras	-	-22	-	-	-	-21	-21	-	-	-
India	-200	-94	-	11	-	8	8	-	73	73
Indonesia	-	-110	-	0	-	-	-	-	-	-
Italy	-269	-	-	0	-	-	-	-	41	41
Japan	-66	-444	-	0	-	0	0	-	5	5
Korea, South	-509	-176	-	-21	-	7	7	-	23	23
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-24	-	-	-	-	-	-	-	41	41
Malaysia	-39	0	-	0	-	-	-	-	-	-
Mexico	727	-164	-	101	-	-407	-407	0	-59	-59
Netherlands	-660	-54	-	-25	-	9	9	6	89	95
Norway	-76	-41	-	-2	-	-	-	10	21	30
Oman	-	-	-	0	-	-	-	-	9	9
Panama	-26	-10	-	-	-	-18	-18	-	0	0
Portugal	-	-17	-	11	-	-	-	-	35	35
Puerto Rico	-	0	-	0	-	0	0	-	0	0
Qatar	-	-	-	-	-	0	0	0	-	0
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-186	-19	-	-	-	-	-	-	23	23
Sweden	-27	-56	-	-	-	-	-	1	10	11
Trinidad and Tobago	49	0	-	0	-	0	0	-	-	-
United Kingdom	-130	-45	-	-10	-	2	2	23	9	32
Vietnam	-	-	-	0	-	-	-	-	-	-
Virgin Islands, U.S.	-	-8	-	0	-	-7	-7	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	-752	-397	0	18	-	-106	-106	2	13	17
Total	2,583	-2,475	19	209	-	-659	-659	106	524	630
Persian Gulf⁴	722	-9	-	96	-	0	0	0	43	43

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, August 2023
(Thousand Barrels per Day) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	0	-	-	-	0	-	-	-	0	0	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	0	-	-	-	0	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	0	-	-	-	0	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	0	-
Venezuela	0	-	-	-	0	-	-	-	0	-	-
Non-OPEC	-69	14	32	0	-914	-105	-53	-	-1,073	-9	1
Argentina	0	-	-	-	-44	-	-	-	-44	-	-
Aruba	-	-	-	-	-1	-	-	-	-1	0	-
Australia	0	0	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-11	-	-8	-	-19	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	0	2	-	-	-	-	-	-	-	-	-
Brazil	8	-	-	-	-33	-4	-	-	-37	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-46	-7	-	0	125	-17	-1	-	106	-10	0
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	-	-	-	0	-	-	-	0	-	-
Colombia	-9	-	-	-	-15	-	-	-	-15	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Dominican Republic	0	-	-	-	-4	-	-8	-	-12	0	-
Ecuador	-	-	-	-	-37	-9	-	-	-46	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-41	-	-	-	-41	-	-
Germany	-	10	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-26	-18	-	-	-44	0	-
Honduras	-	-	-	-	-5	-19	-	-	-24	0	-
India	0	-	-	-	0	-	-	-	0	-	-
Indonesia	0	0	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Japan	0	-	-	-	5	-	-	-	5	-	-
Korea, South	0	6	-	-	0	-	-	-	0	-	-
Latvia	-	-	-	-	-	-	-	-	-	0	-
Lithuania	-	-	-	-	0	-	-	-	0	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-2	0	-	-	-284	-	0	-	-284	0	-
Netherlands	-4	-	1	-	-25	-10	-9	-	-44	-	1
Norway	-	-	-	-	-8	-	-	-	-8	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Panama	-	0	-	-	-100	-	-	-	-100	0	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	0	-	-	-	-4	-	-	-	-4	-	-
Qatar	0	-	-	-	0	-	-	-	0	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	5	-	-	-11	-	-	-	-11	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-4	-	0	-	-4	-	-
United Kingdom	-10	-	-	-	-48	-	-	-	-48	2	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-10	-	-14	-	-24	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-6	-2	31	0	-333	-28	-13	-	-374	-1	0
Total	-69	14	32	0	-915	-105	-53	-	-1,073	-9	1
Persian Gulf⁴	0	-	-	-	0	-	-	-	0	0	-

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, August 2023
(Thousand Barrels per Day) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
OPEC	-	3	-	2	-	-	0	-6
Algeria	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	-	-	-	0	-	-	-	-
Kuwait	-	3	-	2	-	-	-	-6
Libya	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	0	0
United Arab Emirates	-	-	-	0	-	-	0	-
Venezuela	-	-	-	-	-	-	-	-
Non-OPEC	-	-119	12	-32	9	-41	0	-545
Argentina	-	-	-	-6	-	1	0	3
Aruba	-	-2	-	-	-	-	-	-
Australia	-	-	-	-	-	-	0	-7
Bahamas	-	-3	-	-19	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	0	0	-	-	-	-1
Brazil	-	-	-	11	-	-	0	-67
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-
Canada	-	-45	3	-9	3	3	0	-17
Chad	-	-	-	-	-	-	-	-
China	-	10	-	3	-	-	1	-36
Colombia	-	0	-	19	-	-	0	0
Denmark	-	-	-	-	-	-	-	-
Dominican Republic	-	-3	-	0	-	-	0	-6
Ecuador	-	-	-	0	-	-	0	-7
Estonia	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-
France	-	-	-	-	-	1	-	-
Germany	-	-	1	0	-	-	0	-
Guatemala	-	-4	-	-	-	-	0	-15
Honduras	-	-2	-	-	-	-	0	-9
India	-	0	-	2	-	-24	0	-90
Indonesia	-	-	-	0	-	-	0	-
Italy	-	-	-	-	-	-	0	-9
Japan	-	6	-	0	-	-	0	-52
Korea, South	-	46	7	-9	4	-	0	0
Latvia	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-
Malaysia	-	4	-	0	-	-	0	-
Mexico	-	-77	-	-2	1	-4	-1	-61
Netherlands	-	-	1	-5	-	-	0	-15
Norway	-	-	-	-	-	-	-	-3
Oman	-	-	-	-	-	-	-	-
Panama	-	-16	-	-2	-	-	-	-
Portugal	-	-	-	-	-	-	-	-9
Puerto Rico	-	-	-	-	-	-	0	-
Qatar	-	-	-	0	-	-	-	-
Russia	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-2	0	-15
Sweden	-	-	-	-	-	-	-	0
Trinidad and Tobago	-	-7	-	-	-	-	-	0
United Kingdom	-	-	-	-	-	-	0	-10
Vietnam	-	-	-	-	-	-	0	-
Virgin Islands, U.S.	-	-7	-	0	-	-	-	-
Yemen	-	-	-	-	-	-	-	-
Other	-	-19	0	-15	1	-16	0	-119
Total	-	-116	12	-30	9	-41	0	-551
Persian Gulf⁴	-	3	-	2	-	-	0	-6

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, August 2023
(Thousand Barrels per Day) — Continued

Country of Origin	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
OPEC	0	4	0	194	1,393
Algeria	—	—	—	78	91
Angola	—	0	—	10	61
Congo (Brazzaville)	—	—	—	—	—
Equatorial Guinea	—	0	—	2	2
Gabon	—	0	—	0	0
Iran	—	—	—	—	14
Iraq	—	0	—	68	319
Kuwait	—	0	—	0	59
Libya	—	0	—	0	92
Nigeria	—	0	—	-15	177
Saudi Arabia	—	-1	—	61	457
United Arab Emirates	0	6	0	6	6
Venezuela	—	0	—	-15	115
Non-OPEC	41	-64	-1	-4,310	-2,926
Argentina	-1	-1	—	-41	21
Aruba	—	0	—	-5	-5
Australia	0	0	0	-8	-31
Bahamas	0	0	0	-39	-39
Bahrain	—	2	—	2	2
Belgium	0	-2	0	-13	-13
Brazil	—	-11	0	-113	6
Brunei	—	—	—	—	—
Cameroon	—	—	—	0	0
Canada	53	2	0	40	3,631
Chad	—	—	—	—	—
China	0	0	0	-468	-777
Colombia	0	-2	0	-57	194
Denmark	—	0	—	0	-68
Dominican Republic	-3	0	—	-80	-114
Ecuador	0	-2	—	-167	64
Estonia	—	0	—	0	0
Finland	0	2	—	22	22
France	—	0	—	-71	-218
Germany	0	0	—	14	-88
Guatemala	—	-1	—	-105	-105
Honduras	-1	0	0	-80	-80
India	0	0	0	-113	-314
Indonesia	0	0	0	-110	-110
Italy	—	0	—	32	-237
Japan	0	0	0	-481	-546
Korea, South	—	6	0	-108	-617
Latvia	—	0	—	0	0
Lithuania	—	-2	—	39	16
Malaysia	0	0	0	4	-34
Mexico	-7	-54	-1	-1,020	-292
Netherlands	0	0	0	-39	-699
Norway	—	0	—	-24	-100
Oman	—	0	—	9	9
Panama	-1	-1	0	-147	-173
Portugal	—	0	—	20	20
Puerto Rico	0	0	0	-5	-5
Qatar	—	10	—	10	10
Russia	—	—	—	—	—
Spain	2	-3	—	-19	-205
Sweden	—	0	—	-45	-72
Trinidad and Tobago	—	0	—	-12	37
United Kingdom	—	0	—	-87	-217
Vietnam	—	0	0	0	0
Virgin Islands, U.S.	0	0	—	-45	-45
Yemen	—	—	—	—	—
Other	-1	-7	0	-1,000	-1,754
Total	41	-60	-1	-4,116	-1,533
Persian Gulf⁴	0	17	0	146	868

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

Quantities are gross imports because exports are excluded from EIA data.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Includes gross imports of refinery olefins, renewable diesel, other biofuels, and petrochemical feedstocks. See footnote 2.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

² EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, September 2023
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	1,179	3	-	214	-	0	0	8	47	55
Algeria	67	-	-	48	-	-	-	-	0	0
Angola	41	9	-	3	-	-	-	-	14	14
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	2	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	18	-	-	-	-	-	-	-	-	-
Iraq	251	-	-	77	-	-	-	-	-	-
Kuwait	25	-	-	0	-	-	-	-	-	-
Libya	55	-	-	0	-	-	-	-	-	-
Nigeria	106	-8	-	-	-	-	-	-	6	6
Saudi Arabia	353	-	-	82	-	0	0	8	26	34
United Arab Emirates	71	-	-	0	-	0	0	-	-	-
Venezuela	163	0	-	-	-	0	0	0	0	0
Non-OPEC	1,367	-2,620	18	-74	-	-602	-602	125	352	477
Argentina	76	0	-	-	-	-	-	-	9	9
Aruba	-	0	-	0	-	0	0	-	-	-
Australia	-32	-21	-	0	-	0	0	0	0	0
Bahamas	-	-2	-	-6	-	5	5	1	3	4
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-102	-	10	-	23	23	9	-	9
Brazil	235	-3	-	-15	-	-19	-19	-	62	62
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,454	-75	18	-75	-	13	13	73	30	103
Chad	-	-	-	-	-	-	-	-	-	-
China	-562	-438	-	-1	-	16	16	-	-	-
Colombia	164	-4	-	-64	-	-65	-65	-	1	1
Denmark	-24	-	-	-	-	-	-	-	-	-
Dominican Republic	-18	-33	-	0	-	-3	-3	-	0	0
Ecuador	100	-36	-	0	-	-	-	-	-10	-10
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	9	9
France	-112	-59	-	3	-	11	11	-	13	13
Germany	-129	0	-	0	-	5	5	-	0	0
Guatemala	9	-7	-	0	-	-60	-60	-	-	-
Honduras	-	-12	-	0	-	-14	-14	-	-	-
India	-156	-96	-	-6	-	-	-	-	39	39
Indonesia	-21	-106	-	-	-	-	-	-	-	-
Italy	-229	-14	-	9	-	-	-	6	41	47
Japan	-68	-504	-	-22	-	0	0	0	7	7
Korea, South	-544	-172	-	-2	-	27	27	-	12	12
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-24	-	-	-	-	0	0	-	11	11
Malaysia	-6	0	-	0	-	-	-	-	-	-
Mexico	743	-192	-	125	-	-481	-481	-	-30	-30
Netherlands	-570	-105	-	-33	-	15	15	-	16	16
Norway	-20	-56	-	0	-	14	14	-	24	24
Oman	-	-	-	-15	-	-	-	-	7	7
Panama	-35	-9	-	0	-	-25	-25	-	-1	-1
Portugal	-	-1	-	7	-	9	9	-	16	16
Puerto Rico	-	0	-	0	-	0	0	-	0	0
Qatar	16	-	-	-	-	0	0	0	-	0
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-230	-56	-	24	-	-	-	-	37	37
Sweden	-45	-53	-	-	-	-	-	5	11	16
Trinidad and Tobago	47	0	-	0	-	-6	-6	-	0	0
United Kingdom	-86	-29	-	0	-	1	1	30	11	40
Vietnam	-	0	-	0	-	0	0	-	-	-
Virgin Islands, U.S.	-	-3	-	0	-	0	0	-	-6	-6
Yemen	-	-	-	-	-	-	-	-	-	-
Other	-566	-432	0	-13	-	-68	-68	1	40	42
Total	2,546	-2,618	18	140	-	-603	-603	133	400	533
Persian Gulf⁴	734	-	-	159	-	0	0	8	26	34

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, September 2023
(Thousand Barrels per Day) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-4	-	-	-	0	-	-	-	0	0	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	0	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	0	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	0	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-4	-	-	-	0	-	-	-	0	0	-
Venezuela	0	-	-	-	0	-	-	-	0	-	-
Non-OPEC	-79	29	14	-	-798	-84	-76	-	-959	-5	2
Argentina	-	-	-	-	-27	-	-	-	-27	-	-
Aruba	-	-	-	-	-	-	-	-	-	0	-
Australia	0	-	-	-	0	-	-	-	0	0	-
Bahamas	-	-	-	-	-13	-	-9	-	-23	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	0	-	-	-	-	-	-	-	-	-	-
Brazil	13	2	-	-	-52	-7	-	-	-59	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-47	-6	-	-	97	-9	-2	-	86	-4	0
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	-	-	-	0	-	-	-	0	-	-
Colombia	-7	-	-	-	-5	-	-	-	-5	-	-
Denmark	-	-	-	-	0	-	-	-	0	-	-
Dominican Republic	0	-	-	-	-13	-	-17	-	-31	0	-
Ecuador	0	-	-	-	-76	-	-	-	-76	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	0	-	-	-	-20	-	-	-	-20	-	-
Germany	0	14	-	-	-	-	-	-	-	0	-
Guatemala	-	-	-	-	-3	-33	-	-	-36	0	-
Honduras	-	-	-	-	-12	-15	-	-	-27	0	-
India	0	-	-	-	0	-	-	-	0	-	-
Indonesia	0	-	-	-	0	-	-	-	0	-	-
Italy	0	6	-	-	-	-	-	-	-	-	-
Japan	0	-	-	-	0	-	-	-	0	-	-
Korea, South	-4	5	-	-	5	-	-	-	5	0	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-4	0	-	-	-303	0	0	-	-303	0	-
Netherlands	-4	-	1	-	-12	-	-	-	-12	-	1
Norway	-1	-	-	-	-	-	-	-	-	-	-
Oman	-6	-	-	-	-	-	-	-	-	-	-
Panama	-	-	-	-	-84	-4	-10	-	-97	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	0	-	-	-	-5	-	-	-	-5	-	-
Qatar	0	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	10	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-9	-	-	-	-9	-	-
United Kingdom	-11	-	-	-	-43	-	-	-	-43	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-21	-	0	-	-21	-	-
Yemen	0	-	-	-	-	-	-	-	-	-	-
Other	-8	-2	13	-	-202	-16	-38	-	-256	-1	1
Total	-83	29	14	-	-798	-84	-76	-	-959	-5	2
Persian Gulf⁴	-4	-	-	-	0	-	-	-	0	0	-

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, September 2023
(Thousand Barrels per Day) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
OPEC	—	22	—	13	—	—	0	-5
Algeria	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—
Iraq	—	—	—	0	—	—	—	—
Kuwait	—	22	—	—	—	—	—	0
Libya	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—
Saudi Arabia	—	0	—	—	—	—	0	0
United Arab Emirates	—	—	—	—	—	—	—	-5
Venezuela	—	—	—	—	—	—	—	—
Non-OPEC	0	-52	18	6	5	-27	-1	-427
Argentina	—	-3	—	0	—	-1	0	—
Aruba	—	—	—	0	—	—	—	—
Australia	—	—	—	—	—	—	0	-5
Bahamas	—	-3	—	-23	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—
Belgium	—	—	1	—	—	—	0	0
Brazil	—	—	—	27	—	—	0	-35
Brunei	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—
Canada	—	-22	5	-11	3	2	0	-25
Chad	—	—	—	—	—	—	—	—
China	—	11	—	0	—	—	0	-65
Colombia	—	3	—	31	—	—	0	—
Denmark	—	—	—	—	—	—	—	—
Dominican Republic	—	-8	—	-2	—	—	0	-11
Ecuador	—	—	—	0	—	—	0	—
Estonia	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—
France	—	—	—	—	—	1	0	—
Germany	—	—	—	0	—	—	0	—
Guatemala	—	-2	—	—	—	—	0	-9
Honduras	—	-1	—	—	—	—	—	—
India	—	18	—	0	—	-15	0	-70
Indonesia	—	—	—	—	—	—	0	—
Italy	—	—	—	—	—	-2	—	-21
Japan	—	10	—	0	—	—	0	-32
Korea, South	0	39	11	-9	1	—	0	-8
Latvia	—	—	—	—	—	—	0	—
Lithuania	—	—	—	—	—	—	—	—
Malaysia	—	—	—	0	—	—	0	-11
Mexico	—	-43	—	-5	0	-2	0	-47
Netherlands	—	—	1	-7	—	—	0	-13
Norway	—	—	—	—	—	—	—	-4
Oman	—	—	—	—	—	—	—	-11
Panama	—	-14	—	-14	—	-2	—	—
Portugal	—	—	—	—	—	—	—	—
Puerto Rico	—	0	—	—	—	—	0	—
Qatar	—	—	—	—	—	—	—	0
Russia	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	0	-10
Sweden	—	—	—	—	—	—	0	0
Trinidad and Tobago	—	0	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	0	0
Vietnam	—	—	—	—	—	—	0	—
Virgin Islands, U.S.	—	-3	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—
Other	0	-34	0	19	1	-8	-1	-50
Total	0	-30	18	19	5	-27	-1	-431
Persian Gulf⁴	—	22	—	0	—	—	0	-5

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, September 2023
(Thousand Barrels per Day) — Continued

Country of Origin	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
OPEC	0	-4	--	294	1,473
Algeria	--	0	--	49	115
Angola	--	0	--	27	68
Congo (Brazzaville)	--	--	--	--	--
Equatorial Guinea	--	0	--	2	2
Gabon	--	0	--	0	0
Iran	--	--	--	--	18
Iraq	--	0	--	77	328
Kuwait	0	0	--	22	47
Libya	--	0	--	0	55
Nigeria	--	-3	--	-5	101
Saudi Arabia	0	0	--	116	469
United Arab Emirates	0	0	--	-9	63
Venezuela	--	0	--	0	162
Non-OPEC	34	-82	-2	-4,328	-2,961
Argentina	-1	-1	--	-25	51
Aruba	--	0	--	-1	-1
Australia	0	0	0	-26	-59
Bahamas	0	0	--	-47	-47
Bahrain	--	2	--	2	2
Belgium	-5	-13	0	-77	-77
Brazil	--	-14	0	-42	194
Brunei	--	0	--	0	0
Cameroon	--	--	--	--	--
Canada	41	-1	0	4	3,458
Chad	--	--	--	--	--
China	0	0	0	-478	-1,040
Colombia	0	-3	0	-113	51
Denmark	--	--	--	0	-24
Dominican Republic	-2	-1	--	-90	-109
Ecuador	--	-4	0	-126	-26
Estonia	--	--	--	--	--
Finland	--	0	--	9	9
France	--	-4	--	-55	-167
Germany	0	0	0	19	-110
Guatemala	--	-1	--	-115	-106
Honduras	--	0	--	-55	-55
India	0	-5	0	-136	-292
Indonesia	0	4	--	-102	-122
Italy	--	0	--	26	-203
Japan	0	0	0	-541	-609
Korea, South	0	10	0	-87	-631
Latvia	--	0	--	0	0
Lithuania	--	0	--	11	-13
Malaysia	0	0	0	-11	-16
Mexico	-4	-46	-1	-1,033	-290
Netherlands	1	0	0	-139	-709
Norway	--	0	--	-23	-43
Oman	--	0	--	-26	-26
Panama	--	-1	--	-163	-198
Portugal	--	--	--	31	31
Puerto Rico	0	0	0	-5	-5
Qatar	--	12	--	12	28
Russia	--	--	--	--	--
Spain	1	0	--	6	-224
Sweden	--	0	--	-36	-81
Trinidad and Tobago	0	0	--	-15	32
United Kingdom	--	0	--	-43	-128
Vietnam	--	0	--	0	0
Virgin Islands, U.S.	--	0	--	-34	-34
Yemen	--	--	--	0	0
Other	3	-16	-1	-804	-1,372
Total	34	-86	-2	-4,034	-1,488
Persian Gulf⁴	0	14	--	221	955

-- = Not Applicable.

-- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization. Quantities are gross imports because exports are excluded from EIA data.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Includes gross imports of refinery olefins, renewable diesel, other biofuels, and petrochemical feedstocks. See footnote 2.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

² EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, October 2023
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	948	-22	-	181	-	0	0	0	19	19
Algeria	6	-	-	62	-	-	-	-	-	-
Angola	41	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	2	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	24	-	-	-	-	-	-	-	-	-
Iraq	235	-	-	59	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	9	9
Libya	141	-	-	-	-	-	-	-	-	-
Nigeria	48	-23	-	-	-	-	-	-	-	-
Saudi Arabia	236	-	-	67	-	-	-	-	2	2
United Arab Emirates	28	0	-	7	-	0	0	0	7	7
Venezuela	166	0	-	-15	-	0	0	0	-	0
Non-OPEC	1,054	-2,593	15	15	-	-745	-745	125	354	479
Argentina	45	-	-	0	-	-	-	-	-	-
Aruba	-	0	-	0	-	-2	-2	-	-	-
Australia	20	0	-	0	-	0	0	0	-	0
Bahamas	-	0	-	0	-	-8	-8	-	-9	-9
Bahrain	-	-	-	-	-	0	0	-	-	-
Belgium	-	-42	-	1	-	1	1	1	2	3
Brazil	117	-21	-	5	-	3	3	-	56	56
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,453	-25	15	-93	-	6	6	58	23	81
Chad	-	-	-	-	-	-	-	-	-	-
China	-568	-484	-	-5	-	-	-	-	-	-
Colombia	166	-6	-	-31	-	-42	-42	-	1	1
Denmark	-46	-	-	-	-	-	-	-	-	-
Dominican Republic	-33	-36	-	0	-	-6	-6	0	0	0
Ecuador	64	-26	-	19	-	-29	-29	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-25	-	-	-	-	-	-	-	-	-
France	-101	-22	-	-5	-	12	12	0	37	38
Germany	-103	-	-	0	-	0	0	1	-	1
Guatemala	-	-9	-	0	-	-62	-62	-	-	-
Honduras	-	-13	-	0	-	-22	-22	-	-	-
India	-113	-94	-	36	-	0	0	-	56	56
Indonesia	-	-137	-	0	-	-	-	-	-	-
Italy	-173	-24	-	6	-	6	6	-	35	35
Japan	-137	-619	-	-13	-	-	-	0	-	0
Korea, South	-525	-172	-	0	-	10	10	-	23	23
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-23	-	-	-	-	-	-	-	7	7
Malaysia	-34	-	-	0	-	-	-	-	-	-
Mexico	724	-192	-	101	-	-557	-557	-1	-41	-41
Netherlands	-860	-94	-	-10	-	3	3	22	18	40
Norway	-31	-46	-	-1	-	21	21	3	8	11
Oman	-	-	-	20	-	-	-	-	-	-
Panama	-20	-7	-	0	-	-21	-21	-	-	-
Portugal	-	-	-	5	-	-	-	-	11	11
Puerto Rico	-	0	-	0	-	0	0	-	0	0
Qatar	16	-	-	0	-	-	-	-	0	0
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-143	-22	-	13	-	1	1	0	42	42
Sweden	-32	-36	-	-	-	3	3	-	20	20
Trinidad and Tobago	33	0	-	0	-	-	-	-	-	-
United Kingdom	-230	-38	-	0	-	4	4	41	22	63
Vietnam	-	-18	-	0	-	-	-	-	-	-
Virgin Islands, U.S.	-	-4	-	-	-	-8	-8	-	-	-
Yemen	-	0	-	-	-	-	-	-	-	-
Other	-387	-406	0	-33	-	-58	-58	0	43	41
Total	2,002	-2,615	15	195	-	-745	-745	125	373	498
Persian Gulf⁴	539	0	-	133	-	0	0	0	19	19

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, October 2023
(Thousand Barrels per Day) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	0	-	-	-	0	-10	-	-	-10	0	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-10	-	-	-10	-	-
Saudi Arabia	-	-	-	-	0	-	-	-	0	0	-
United Arab Emirates	0	-	-	-	0	-	-	-	0	0	-
Venezuela	0	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-90	18	11	-	-776	-96	-90	-	-962	-11	0
Argentina	0	-	-	-	-15	-	-	-	-15	-	-
Aruba	-	-	-	-	-1	-	-	-	-1	-	-
Australia	0	-	-	-	0	-	-	-	0	-	-
Bahamas	0	-	-	-	-3	-	-14	-	-17	-	-
Bahrain	0	-	-	-	-	-	-	-	-	-	-
Belgium	0	3	-	-	-11	-	-	-	-11	-	-
Brazil	0	-	-	-	-35	-	-	-	-35	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-49	-4	-	-	99	-10	0	-	89	0	0
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	-	-	-	0	0	-	-	0	-	-
Colombia	0	-	-	-	-24	-	-	-	-24	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Dominican Republic	0	-	-	-	-2	-	-9	-	-10	0	-
Ecuador	0	-	-	-	-27	-18	-9	-	-55	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-9	-	-	-	-9	-10	-
Germany	0	5	-	-	0	-	-	-	0	-	-
Guatemala	-	-	-	-	-13	-23	-	-	-36	0	-
Honduras	-	-	-	-	-8	-11	-	-	-19	0	-
India	-11	0	-	-	-16	-	-	-	-16	-	-
Indonesia	-	-	-	-	0	-	-	-	0	-	-
Italy	0	3	-	-	-	-	-	-	-	-	-
Japan	0	-	-	-	0	-	-	-	0	-	-
Korea, South	-5	2	-	-	1	-	-	-	1	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	0	-	-	-	-	-	-	-	-	-	-
Mexico	-4	-	-	-	-308	0	-1	-	-310	0	-
Netherlands	-1	-	2	-	-35	-21	-14	-	-69	-	-
Norway	-	0	-	-	-	-	0	-	0	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Panama	-	-	-	-	-84	-	-10	-	-94	0	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	0	-	-	-	-4	0	-	-	-4	0	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	10	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-6	-	-6	-	-
United Kingdom	-10	0	-	-	-19	-	-	-	-19	-	-
Vietnam	-	-	-	-	0	-	-	-	0	-	-
Virgin Islands, U.S.	-	-	-	-	-17	-	0	-	-17	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-10	-1	9	-	-245	-13	-27	-	-285	-1	0
Total	-90	18	11	-	-776	-106	-90	-	-972	-11	0
Persian Gulf⁴	0	-	-	-	0	-	-	-	0	0	-

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, October 2023
(Thousand Barrels per Day) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
OPEC	-	-	2	-14	-	-	0	-16
Algeria	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-
Kuwait	-	-	-	0	-	-	-	-6
Libya	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	0
Saudi Arabia	-	-	2	-14	-	-	0	0
United Arab Emirates	-	-	-	-	-	-	0	-10
Venezuela	-	-	-	0	-	-	-	-
Non-OPEC	-	-44	24	6	4	-50	0	-474
Argentina	-	-	-	-	-	1	-	-
Aruba	-	-2	-	-	-	-	-	-
Australia	-	-	-	-	-	-	0	-2
Bahamas	-	-1	-	-11	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	0	-2
Brazil	-	-	-	5	-	-	0	-26
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-4
Canada	-	-36	0	9	3	2	1	-13
Chad	-	-	-	-	-	-	-	-
China	-	-	-	0	-	-	1	-90
Colombia	-	0	-	8	-	-	0	0
Denmark	-	-	-	-	-	-	-	-
Dominican Republic	-	-4	-	-	-	-	0	-
Ecuador	-	0	-	-	-	-	-	-7
Estonia	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-
France	-	0	-	-	-	0	0	-
Germany	-	-	0	13	-	-	0	0
Guatemala	-	-2	-	-	-	-	0	-19
Honduras	-	-1	-	-	-	-	-	-10
India	-	0	2	0	-	-16	0	-109
Indonesia	-	-	-	0	-	-	0	0
Italy	-	-	-	-	-	-	-	-23
Japan	-	3	-	0	-	-	0	-58
Korea, South	-	97	13	-9	-	-	0	0
Latvia	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	0	-
Mexico	-	-48	8	17	-	-3	-1	-19
Netherlands	-	-	1	-12	-	-	0	-8
Norway	-	-	-	-	-	-	-	-3
Oman	-	-	-	-	-	-	0	-7
Panama	-	-18	-	-19	-	-	0	-
Portugal	-	-	-	-	-	-	-	-
Puerto Rico	-	-6	-	-	-	-	0	-
Qatar	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-
Spain	-	-	-	4	-	-	0	-13
Sweden	-	-	-	9	-	-	0	0
Trinidad and Tobago	-	-	-	-	-	-	-	0
United Kingdom	-	-	-	2	-	-	0	-1
Vietnam	-	-	-	-	-	-	0	0
Virgin Islands, U.S.	-	-5	-	-11	-	-	-	-
Yemen	-	-	-	-	-	-	-	-
Other	-	-21	0	1	1	-34	-1	-60
Total	-	-44	26	-7	4	-50	0	-490
Persian Gulf⁴	-	-	2	-14	-	-	0	-16

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, October 2023
(Thousand Barrels per Day) — Continued

Country of Origin	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
OPEC	0	-3	0	137	1,085
Algeria	—	—	—	62	68
Angola	0	0	—	0	41
Congo (Brazzaville)	—	—	—	—	—
Equatorial Guinea	—	0	—	2	2
Gabon	—	0	—	0	0
Iran	—	—	—	—	24
Iraq	—	0	—	59	294
Kuwait	0	0	—	4	4
Libya	—	0	—	0	141
Nigeria	—	-9	—	-43	6
Saudi Arabia	—	0	—	57	293
United Arab Emirates	0	7	0	11	38
Venezuela	—	0	—	-15	151
Non-OPEC	19	-54	-1	-4,432	-3,378
Argentina	0	-4	—	-18	28
Aruba	—	0	—	-6	-6
Australia	0	0	—	-2	18
Bahamas	0	0	—	-46	-46
Bahrain	—	0	—	0	0
Belgium	0	-5	0	-51	-51
Brazil	-1	-12	0	-27	90
Brunei	—	—	—	—	—
Cameroon	—	—	—	-4	-4
Canada	37	1	0	23	3,475
Chad	—	—	—	—	—
China	-1	0	0	-579	-1,147
Colombia	0	-3	0	-98	67
Denmark	—	0	—	0	-46
Dominican Republic	-2	-1	0	-60	-93
Ecuador	0	-1	—	-97	-33
Estonia	—	—	—	—	—
Finland	0	0	—	0	-25
France	—	-1	—	3	-98
Germany	0	1	0	19	-84
Guatemala	-2	0	0	-132	-132
Honduras	-2	0	0	-67	-67
India	0	-4	0	-156	-268
Indonesia	0	1	—	-136	-136
Italy	—	0	—	3	-170
Japan	0	0	0	-687	-824
Korea, South	0	9	0	-30	-555
Latvia	—	0	—	0	0
Lithuania	—	0	—	7	-16
Malaysia	0	0	0	-1	-35
Mexico	-5	-35	0	-1,090	-366
Netherlands	0	0	0	-148	-1,008
Norway	—	0	—	-19	-49
Oman	—	0	—	13	13
Panama	—	-1	—	-160	-180
Portugal	—	0	—	16	16
Puerto Rico	—	0	—	-11	-11
Qatar	—	11	—	11	28
Russia	—	0	—	0	0
Spain	—	0	—	34	-108
Sweden	—	0	—	-4	-36
Trinidad and Tobago	0	-1	0	-7	25
United Kingdom	—	0	—	1	-229
Vietnam	—	0	—	-18	-18
Virgin Islands, U.S.	0	0	—	-45	-45
Yemen	—	0	—	0	0
Other	-5	-9	-1	-863	-1,252
Total	19	-57	-1	-4,295	-2,293
Persian Gulf⁴	0	18	0	142	681

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

Quantities are gross imports because exports are excluded from EIA data.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Includes gross imports of refinery olefins, renewable diesel, other biofuels, and petrochemical feedstocks. See footnote 2.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

² EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, November 2023
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	839	-14	-	127	-	-21	-21	0	16	16
Algeria	8	-	-	40	-	-	-	-	-	-
Angola	3	-	-	-	-	-	-	-	7	7
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	10	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	137	-	-	34	-	-	-	-	-	-
Kuwait	22	-	-	0	-	0	0	0	-	0
Libya	95	-	-	-	-	-	-	-	-	-
Nigeria	151	-24	-	0	-	-11	-11	-	9	9
Saudi Arabia	251	-	-	67	-	0	0	-	-	-
United Arab Emirates	17	0	-	-	-	0	0	0	-	0
Venezuela	147	-	-	-15	-	-10	-10	-	0	0
Non-OPEC	2,158	-2,607	15	59	-	-751	-751	126	136	262
Argentina	84	-	-	0	-	-3	-3	-	14	14
Aruba	-	0	-	0	-	-	-	-	-	-
Australia	-48	-31	-	-	-	-	-	0	-	0
Bahamas	0	-3	-	-10	-	-33	-33	-	-32	-32
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-54	-	21	-	2	2	1	2	3
Brazil	191	-19	-	-13	-	-20	-20	5	54	59
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	0	0
Canada	4,033	-39	15	-106	-	-2	-2	46	7	53
Chad	18	-	-	-	-	-	-	-	-	-
China	-404	-493	-	0	-	-	-	-	-	-
Colombia	241	-3	-	2	-	-43	-43	-	0	0
Denmark	-92	-	-	-	-	-	-	-	-	-
Dominican Republic	-35	-39	-	0	-	-11	-11	-	-	-
Ecuador	100	-49	-	13	-	-50	-50	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	11	11
France	-126	-30	-	10	-	6	6	1	34	35
Germany	-240	-	-	0	-	0	0	0	2	2
Guatemala	-	-	-	0	-	-50	-50	-	0	0
Honduras	-	-18	-	0	-	-14	-14	-	0	0
India	-135	-123	-	19	-	-	-	-	14	14
Indonesia	-57	-119	-	0	-	-	-	-	-	-
Italy	-179	-5	-	28	-	21	21	0	10	10
Japan	-120	-398	-	-11	-	0	0	0	10	10
Korea, South	-478	-235	-	0	-	22	22	-	21	21
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-32	0	-	0	-	-	-	-	-	-
Mexico	729	-192	-	91	-	-475	-475	0	-37	-37
Netherlands	-492	-128	-	-24	-	9	9	34	3	37
Norway	-23	-42	-	-	-	31	31	1	-	1
Oman	-	-	-	56	-	-	-	-	-	-
Panama	-21	-10	-	0	-	-21	-21	-	0	0
Portugal	-	-13	-	7	-	-	-	-	-	-
Puerto Rico	-	0	-	0	-	0	0	0	-	0
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	0	-	-	-	-	-	-	-	-	-
Spain	-265	-9	-	8	-	2	2	0	3	3
Sweden	-	-54	-	0	-	0	0	0	5	5
Trinidad and Tobago	34	-	-	1	-	-20	-20	-	-	-
United Kingdom	-148	-30	-	2	-	1	1	38	7	45
Vietnam	-33	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-7	-	0	-	-24	-24	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	-344	-464	0	-35	-	-79	-79	0	8	8
Total	2,998	-2,621	15	185	-	-772	-772	126	152	278
Persian Gulf⁴	427	0	-	101	-	0	0	0	-	0

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, November 2023
(Thousand Barrels per Day) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	0	-	-	-	4	-	-	-	4	0	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	0	-	-	-	-	-	-	-	-	-	-
Kuwait	0	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	0	-	-	-	0	-	-
Saudi Arabia	0	-	-	-	-	-	-	-	-	0	-
United Arab Emirates	0	-	-	-	14	-	-	-	14	0	-
Venezuela	-	-	-	-	-11	-	-	-	-11	-	-
Non-OPEC	-92	29	27	-	-856	-104	-76	-	-1,036	-3	0
Argentina	-	-	-	-	-10	-	-	-	-10	-	-
Aruba	-	-	-	-	0	-	-	-	0	-	-
Australia	0	-	-	-	0	-	-	-	0	-	-
Bahamas	-	0	-	-	-8	-	-3	-	-12	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	0	4	-	-	-21	-	-	-	-21	-	-
Brazil	0	2	-	-	-28	-6	-	-	-34	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-39	-1	-	-	93	-2	-1	-	90	-1	0
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	-	-	-	0	-	-	-	0	-	-
Colombia	-18	-	-	-	-16	-	-	-	-16	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Dominican Republic	0	-	-	-	-13	-	-2	-	-15	-	-
Ecuador	-	-	-	-	-38	-7	-	-	-45	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-42	-	-	-	-42	-	-
Germany	-	12	-	-	-10	-	-	-	-10	-	-
Guatemala	-	-	-	-	-31	-16	-	-	-47	0	-
Honduras	0	-	-	-	-3	-17	-	-	-20	0	-
India	-11	-	-	-	0	-	-	-	0	-	-
Indonesia	0	0	-	-	0	-	-	-	0	-	-
Italy	0	2	-	-	-	-	-	-	-	-	-
Japan	0	-	-	-	-	-	-	-	-	0	-
Korea, South	-3	2	-	-	1	-	-	-	1	-	-
Latvia	-	-	-	-	-10	-	-	-	-10	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	0	-	-	-	-	-	-	-	-	-	-
Mexico	-3	-	-	-	-263	-5	0	-	-267	0	-
Netherlands	-6	-	-	-	-20	-11	-4	-	-35	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Panama	-	-	-	-	-88	-1	-4	-	-93	-	-
Portugal	-	-	-	-	-13	-	-	-	-13	-	-
Puerto Rico	0	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	12	-	-	-	12	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	9	-	-	-11	-	-	-	-11	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	0	-	-	-	-2	-8	-12	-	-22	-	-
United Kingdom	-6	-	-	-	-90	-	-	-	-90	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	0	-	-	-	-10	-	-12	-	-22	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-6	-1	27	-	-235	-31	-38	-	-304	-2	0
Total	-92	29	27	-	-853	-104	-76	-	-1,033	-3	0
Persian Gulf⁴	0	-	-	-	26	-	-	-	26	0	-

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, November 2023
(Thousand Barrels per Day) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
OPEC	-	16	-	7	-	-	0	0
Algeria	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	-	0	-	7	-	-	-	-
Kuwait	-	16	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	0
Saudi Arabia	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	0	0
Venezuela	-	0	-	-	-	-	-	-
Non-OPEC	-	-115	17	2	12	-33	-1	-408
Argentina	-	-	-	0	-	1	0	4
Aruba	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	0	-9
Bahamas	-	-1	-	-12	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	0	0
Brazil	-	-	-	9	-	-	0	-35
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-1
Canada	-	-56	0	-13	3	3	0	-18
Chad	-	-	-	-	-	-	-	-
China	-	10	-	0	-	-	0	-49
Colombia	-	-	-	7	-	-	0	0
Denmark	-	-	-	-11	-	-	0	-
Dominican Republic	-	-6	-	0	-	-	0	-6
Ecuador	-	-	-	2	-	-	0	-
Estonia	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-
France	-	-10	-	-	-	-	0	-5
Germany	-	0	0	-1	-	-	0	-
Guatemala	-	-4	-	-	-	-	0	-17
Honduras	-	-2	-	-	-	-	0	-
India	-	0	-	22	-	-16	0	-110
Indonesia	-	-	-	-	-	-	0	0
Italy	-	-	-	-	-	-2	0	-2
Japan	-	-	-	0	-	-	0	-46
Korea, South	-	49	8	-9	3	-	0	-
Latvia	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-5	0	-
Mexico	-	-45	8	20	1	1	0	-55
Netherlands	-	-	1	-2	-	-	0	0
Norway	-	-	-	-	-	-	0	-4
Oman	-	-	-	-	-	-	-	-5
Panama	-	-17	-	-15	-	-	-	-8
Portugal	-	-	-	-	-	-	-	-
Puerto Rico	-	0	-	0	-	-	0	-
Qatar	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-15
Sweden	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	1	-	-	-	-
United Kingdom	-	1	-	0	-	-	0	0
Vietnam	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-5	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-
Other	-	-29	0	4	5	-15	-1	-27
Total	-	-100	17	9	12	-33	-1	-408
Persian Gulf⁴	-	16	-	7	-	-	0	0

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, November 2023
(Thousand Barrels per Day) — Continued

Country of Origin	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
OPEC	0	6	-	140	980
Algeria	-	-	-	40	48
Angola	-	0	-	7	10
Congo (Brazzaville)	-	-	-	-	-
Equatorial Guinea	-	0	-	10	10
Gabon	-	-	-	-	-
Iran	-	-	-	-	-
Iraq	-	0	-	41	178
Kuwait	0	0	-	16	37
Libya	-	0	-	0	95
Nigeria	-	0	-	-26	125
Saudi Arabia	-	0	-	67	318
United Arab Emirates	0	7	-	21	38
Venezuela	-	0	-	-36	111
Non-OPEC	13	-104	-4	-4,717	-2,558
Argentina	0	-1	-1	5	89
Aruba	-	0	-	0	0
Australia	0	0	0	-40	-89
Bahamas	0	0	-	-103	-103
Bahrain	-	2	-	2	2
Belgium	-	-37	0	-82	-82
Brazil	-1	-13	0	-65	126
Brunei	-	-	-	-	-
Cameroon	-	-	-	-2	-2
Canada	26	2	0	-83	3,950
Chad	-	-	-	-	18
China	-1	0	0	-533	-937
Colombia	0	-5	0	-76	165
Denmark	-	0	-	-11	-104
Dominican Republic	-	-3	-	-81	-116
Ecuador	-	-4	0	-134	-35
Estonia	-	0	-	0	0
Finland	-	0	-	11	11
France	-	-2	0	-38	-164
Germany	0	0	-	5	-235
Guatemala	-	0	-	-119	-119
Honduras	-	0	-	-54	-54
India	0	0	0	-205	-340
Indonesia	0	3	0	-116	-173
Italy	-	0	-	52	-127
Japan	0	0	0	-445	-565
Korea, South	-	6	0	-134	-612
Latvia	-	0	-	-10	-10
Lithuania	-	0	0	0	0
Malaysia	0	0	0	-5	-37
Mexico	-6	-46	-2	-1,010	-281
Netherlands	-	1	-	-147	-639
Norway	0	0	-	-14	-37
Oman	-	0	-	51	51
Panama	-1	-1	-	-167	-187
Portugal	-	0	-	-19	-19
Puerto Rico	0	0	-	-1	-1
Qatar	-	12	-	24	24
Russia	-	0	-	0	0
Spain	2	0	-	-11	-276
Sweden	-	0	-	-48	-48
Trinidad and Tobago	-	0	-	-41	-7
United Kingdom	-	0	-	-76	-224
Vietnam	0	0	-	0	-33
Virgin Islands, U.S.	0	0	-	-58	-58
Yemen	-	-	-	-	-
Other	-6	-18	-1	-939	-1,280
Total	13	-98	-4	-4,576	-1,579
Persian Gulf⁴	0	20	-	170	597

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization. Quantities are gross imports because exports are excluded from EIA data.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Includes gross imports of refinery olefins, renewable diesel, other biofuels, and petrochemical feedstocks. See footnote 2.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

² EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, December 2023
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	861	-1	-	186	-	-10	-10	0	10	10
Algeria	12	-	-	32	-	-	-	-	-	-
Angola	19	-	-	-	-	-	-	-	10	10
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	2	-	-	-	-	-	-	-	-
Gabon	-	-	-	0	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	144	-	-	80	-	-	-	-	-	-
Kuwait	26	-	-	53	-	-	-	-	-	-
Libya	113	-	-	0	-	-	-	-	-	-
Nigeria	102	-3	-	-	-	-10	-10	-	-	-
Saudi Arabia	245	0	-	75	-	0	0	-	-	-
United Arab Emirates	39	-	-	0	-	0	0	0	0	0
Venezuela	161	-	-	-54	-	0	0	0	-	0
Non-OPEC	939	-2,597	20	-17	-	-900	-900	163	280	444
Argentina	71	-	-	0	-	-6	-6	-	5	5
Aruba	-	0	-	-	-	-2	-2	-	-	-
Australia	-23	-19	-	0	-	-24	-24	-	0	0
Bahamas	-	-2	-	0	-	-23	-23	10	46	57
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-50	-	-26	-	-	-	0	-	0
Brazil	217	-19	-	17	-	2	2	4	26	31
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,490	-69	20	-46	-	-9	-9	67	22	89
Chad	13	-	-	-	-	-	-	-	-	-
China	-173	-482	-	-21	-	-	-	-	-	-
Colombia	127	-3	-	-17	-	-21	-21	-	1	1
Denmark	-77	-	-	-	-	-	-	-	-	-
Dominican Republic	-16	-36	-	0	-	-33	-33	-	0	0
Ecuador	103	-48	-	-	-	-29	-29	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-4	-	-	-	-	-	10	-	10
France	-242	-49	-	-7	-	1	1	1	41	42
Germany	-120	-4	-	0	-	1	1	0	-	0
Guatemala	-	-20	-	0	-	-67	-67	-	-	-
Honduras	-	-20	-	0	-	-19	-19	-	-	-
India	-93	-34	-	35	-	-	-	-	37	37
Indonesia	-	-114	-	0	-	-	-	-	-	-
Italy	-203	-	-	-	-	0	0	-	30	30
Japan	-31	-458	-	-42	-	-	-	-	1	1
Korea, South	-486	-180	-	-3	-	7	7	-	2	2
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-24	-	-	-	-	0	0	-	-	-
Malaysia	-68	-	-	0	-	0	0	-	-	-
Mexico	755	-214	-	124	-	-538	-538	-1	-15	-16
Netherlands	-852	-81	-	-30	-	1	1	11	9	20
Norway	-29	-48	-	-4	-	21	21	7	1	8
Oman	-	-	-	0	-	-	-	-	-	-
Panama	-54	-10	-	0	-	-13	-13	-	-	-
Portugal	-	-24	-	-	-	-	-	-	10	10
Puerto Rico	-	0	-	0	-	0	0	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-236	-9	-	5	-	3	3	-	35	35
Sweden	-81	-41	-	-	-	0	0	-	5	5
Trinidad and Tobago	47	0	-	0	-	-21	-21	-	-	-
United Kingdom	-290	-31	-	-1	-	6	6	52	12	64
Vietnam	-	-	-	0	-	-	-	-	-	-
Virgin Islands, U.S.	-	-8	-	-	-	-28	-28	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	-786	-520	0	-1	-	-109	-109	2	12	13
Total	1,800	-2,598	20	169	-	-910	-910	163	291	454
Persian Gulf⁴	454	0	-	208	-	0	0	0	0	0

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, December 2023
(Thousand Barrels per Day) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-10	-	-	-	24	-	-	-	24	0	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	0	-	-	-	0	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	24	-	-	-	24	0	-
United Arab Emirates	-10	-	-	-	-	-	-	-	-	0	-
Venezuela	0	-	-	-	0	-	-	-	0	-	-
Non-OPEC	-110	21	34	2	-926	-88	-51	-	-1,065	-1	1
Argentina	0	0	-	-	-37	-	-	-	-37	-	-
Aruba	-	-	-	-	-	-	-	-	-	0	-
Australia	0	-	-	-	-	-	-	-	-	-	-
Bahamas	0	-	-	-	-3	-6	-5	-	-13	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	0	-	-	-	-18	-	-	-	-18	-	-
Brazil	0	-	-	-	-43	-	-	-	-43	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-33	-1	-	-	152	-2	0	-	149	0	0
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	-	-	2	0	0	-	-	0	-	-
Colombia	-3	-	-	-	-5	-	-	-	-5	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Dominican Republic	0	-	-	-	-6	-	-7	-	-13	0	-
Ecuador	-	-	-	-	-36	-10	-	-	-46	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	0	-	-	-	-51	-	-	-	-51	-	-
Germany	0	11	-	-	-	-	-	-	-	-	-
Guatemala	0	-	-	-	-5	-34	-	-	-40	0	-
Honduras	-	-	-	-	-6	-11	-	-	-16	0	-
India	-16	-	-	-	27	0	0	-	27	-	-
Indonesia	-	-	-	-	0	-	1	-	1	-	-
Italy	0	4	-	-	-	-	-	-	-	-	-
Japan	0	-	-	-	-	-	-	-	-	0	-
Korea, South	-6	-	-	-	1	-	-	-	1	-	-
Latvia	-	-	-	-	-11	-	-	-	-11	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	0	2	-	-	-	-	-	-	-	-	-
Mexico	-3	-	-	-	-243	-	0	-	-244	0	-
Netherlands	-11	-	2	-	-206	-	-	-	-206	-	0
Norway	-1	-	-	-	0	-	-	-	0	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Panama	-	-	-	-	-74	-2	-	-	-75	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	0	-	-	-	0	-	-	-	0	-	-
Qatar	-	-	-	-	10	-	-	-	10	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	7	-	-	-10	-	-	-	-10	-	-
Sweden	-2	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-8	-	-	-8	-	-
United Kingdom	-20	-	-	-	-49	-	-	-	-49	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-2	-	-11	-	-14	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-15	-2	32	0	-311	-15	-29	-	-354	-1	1
Total	-120	21	34	2	-903	-88	-51	-	-1,042	-1	1
Persian Gulf⁴	-10	-	-	-	34	-	-	-	34	0	-

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, December 2023
(Thousand Barrels per Day) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
OPEC	-	21	-	7	-	-	0	-4
Algeria	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	0	-	-	-	-
Gabon	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-
Kuwait	-	14	-	7	-	-	-	-
Libya	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-
Saudi Arabia	-	7	-	-	-	-	0	0
United Arab Emirates	-	-	-	-	-	-	0	-4
Venezuela	-	0	-	-	-	-	0	-
Non-OPEC	-	-147	14	-25	10	-45	1	-700
Argentina	-	-	-	-	-	0	0	-
Aruba	-	-3	-	0	-	-	-	-
Australia	-	-	-	0	-	-	0	-12
Bahamas	-	-1	-	-16	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-13	-	-	0	-11
Brazil	-	-3	-	5	-	-	0	-44
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-
Canada	-	-22	3	9	5	2	1	-16
Chad	-	-	-	-	-	-	-	-
China	-	11	-	0	-	-	1	-38
Colombia	-	-	-	3	-	-	0	4
Denmark	-	-	-	-	-	-	-	-
Dominican Republic	-	-11	-	-6	-	-	0	-7
Ecuador	-	-	-	0	-	-	-	-6
Estonia	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-
France	-	-10	-	-	-	0	0	-13
Germany	-	-	-	-	-	-	0	-
Guatemala	-	-2	-	-	-	-	0	-
Honduras	-	-1	-	-	-	-	0	-9
India	-	17	-	16	-	-21	0	-199
Indonesia	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	0	-22
Japan	-	-	-	-	-	-	0	-69
Korea, South	-	65	11	-9	3	-	0	-19
Latvia	-	-	-	-	-	-	0	-
Lithuania	-	-	-	-	-	-	-	-
Malaysia	-	-	-	0	-	-	0	-
Mexico	-	-61	-	21	-	-2	0	-33
Netherlands	-	-	-	-11	1	-	0	0
Norway	-	0	-	-	-	-	-	-4
Oman	-	-	-	-	-	-	-	-5
Panama	-	-17	-	-2	-	-	0	-9
Portugal	-	-	-	-	-	-	-	-
Puerto Rico	-	-2	-	-	-	-	0	-
Qatar	-	-	-	0	-	-	0	-
Russia	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	0	-31
Sweden	-	-9	-	0	-	-	-	0
Trinidad and Tobago	-	-12	-	-	-	-	-	-
United Kingdom	-	-10	-	0	0	-	0	0
Vietnam	-	0	-	-	-	-	0	0
Virgin Islands, U.S.	-	-17	-	-	-	-	0	-
Yemen	-	-	-	-	-	-	-	-
Other	-	-59	0	-22	1	-24	-1	-157
Total	-	-126	14	-18	10	-45	1	-705
Persian Gulf⁴	-	21	-	7	-	-	0	-4

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, December 2023
(Thousand Barrels per Day) — Continued

Country of Origin	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
OPEC	3	-9	--	216	1,077
Algeria	--	--	--	32	44
Angola	--	0	--	10	30
Congo (Brazzaville)	--	--	--	--	--
Equatorial Guinea	--	0	--	2	2
Gabon	--	--	--	0	0
Iran	--	--	--	--	--
Iraq	--	0	--	80	223
Kuwait	--	0	--	74	100
Libya	--	0	--	0	113
Nigeria	--	-6	--	-19	83
Saudi Arabia	--	0	--	106	351
United Arab Emirates	0	-2	--	-17	22
Venezuela	3	0	--	-52	109
Non-OPEC	29	-81	-3	-5,118	-4,179
Argentina	0	-1	--	-38	33
Aruba	--	0	--	-5	-5
Australia	0	0	0	-55	-78
Bahamas	0	0	0	0	0
Bahrain	--	2	--	2	2
Belgium	--	-18	0	-135	-135
Brazil	0	-21	0	-76	141
Brunei	--	0	--	0	0
Cameroon	--	0	--	0	0
Canada	37	1	0	119	3,609
Chad	--	--	--	--	13
China	-1	-1	0	-531	-703
Colombia	0	-2	0	-45	81
Denmark	--	0	--	0	-77
Dominican Republic	-2	0	0	-109	-125
Ecuador	--	0	0	-129	-27
Estonia	--	0	--	0	0
Finland	--	0	--	6	6
France	--	-1	--	-88	-330
Germany	0	1	0	8	-111
Guatemala	--	-1	--	-130	-130
Honduras	-1	0	0	-66	-66
India	0	-4	0	-142	-235
Indonesia	0	7	--	-107	-107
Italy	--	0	--	12	-191
Japan	0	0	0	-568	-600
Korea, South	0	15	0	-112	-598
Latvia	--	--	--	-11	-11
Lithuania	--	--	0	0	-24
Malaysia	0	0	--	1	-66
Mexico	-6	-57	-3	-1,031	-276
Netherlands	0	1	0	-315	-1,167
Norway	--	0	--	-28	-57
Oman	--	0	--	-5	-5
Panama	--	0	--	-126	-180
Portugal	--	--	--	-14	-14
Puerto Rico	0	0	0	-3	-3
Qatar	--	12	--	22	22
Russia	--	--	--	--	--
Spain	3	0	0	3	-233
Sweden	--	0	--	-46	-127
Trinidad and Tobago	--	0	0	-41	6
United Kingdom	--	0	0	-41	-331
Vietnam	0	0	--	0	0
Virgin Islands, U.S.	--	0	--	-67	-67
Yemen	--	0	--	0	0
Other	-1	-14	0	-1,227	-2,013
Total	31	-90	-3	-4,902	-3,102
Persian Gulf⁴	0	11	--	267	721

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization. Quantities are gross imports because exports are excluded from EIA data.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Includes gross imports of refinery olefins, renewable diesel, other biofuels, and petrochemical feedstocks. See footnote 2.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

² EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, January 2023
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil	7,164	123,976	627,659	23,934	48,005	830,738
Refinery	5,106	13,790	46,318	2,489	20,191	87,894
Tank Farms and Pipelines (Includes Cushing, OK)	2,058	110,186	209,762	21,445	23,620	367,071
Cushing, Oklahoma	--	39,011	--	--	--	39,011
Leases	--	--	--	--	--	--
Strategic Petroleum Reserve ¹	--	--	371,579	--	--	371,579
Alaskan In Transit	--	--	--	--	4,194	4,194
Total Stocks, All Oils (excluding Crude Oil)²	140,473	177,687	362,604	23,628	90,243	794,635
Refinery	12,954	48,437	118,958	9,957	47,780	238,086
Bulk Terminal	99,518	90,010	184,454	6,826	37,623	418,431
Pipeline	27,709	37,973	57,901	6,693	4,605	134,881
Natural Gas Processing Plant	292	1,267	1,291	152	235	3,237
Natural Gas Liquids	9,227	47,355	120,991	5,337	3,127	186,036
Refinery	456	3,030	4,496	288	1,300	9,570
Bulk Terminal	6,355	24,029	92,056	405	1,592	124,436
Pipeline	2,124	19,029	23,148	4,492	--	48,793
Natural Gas Processing Plant	292	1,267	1,291	152	235	3,237
Ethane	991	6,623	43,970	914	--	52,498
Refinery	--	--	26	--	--	26
Bulk Terminal	426	2,880	35,155	--	--	38,461
Pipeline	565	3,658	8,740	910	--	13,873
Natural Gas Processing Plant	--	85	49	4	--	138
Propane	6,354	20,082	38,913	2,041	1,154	68,544
Refinery	123	1,018	1,108	37	110	2,396
Bulk Terminal	4,783	14,184	30,507	248	983	50,705
Pipeline	1,297	4,296	7,105	1,698	--	14,396
Natural Gas Processing Plant	151	584	193	58	61	1,047
Normal Butane	1,570	6,846	19,137	1,029	1,567	30,149
Refinery	286	1,075	2,130	145	848	4,484
Bulk Terminal	1,042	4,436	14,235	139	606	20,458
Pipeline	179	1,106	2,647	713	--	4,645
Natural Gas Processing Plant	63	229	125	32	113	562
Isobutane	110	2,327	8,718	475	387	12,017
Refinery	47	588	899	102	340	1,976
Bulk Terminal	--	672	5,766	--	--	6,438
Pipeline	44	938	1,500	359	--	2,841
Natural Gas Processing Plant	19	129	553	14	47	762
Natural Gasoline	202	11,477	10,253	878	19	22,828
Refinery	--	349	333	4	2	688
Bulk Terminal	104	1,857	6,393	18	3	8,374
Pipeline	39	9,031	3,156	812	--	13,038
Natural Gas Processing Plant	59	240	371	44	14	728
Refinery Olefins	292	316	1,123	105	24	1,860
Refinery	292	316	1,123	105	24	1,860
Ethylene	--	--	0	--	--	0
Refinery	--	--	0	--	--	0
Propylene	135	313	500	3	12	963
Refinery	135	313	500	3	12	963
Normal Butylene	144	3	623	102	12	884
Refinery	144	3	623	102	12	884
Isobutylene	13	0	0	0	0	13
Refinery	13	0	0	0	0	13
Other Hydrocarbons	--	11	--	--	--	11
Refinery	--	11	--	--	--	11
Biofuels (Including Fuel Ethanol)²	8,925	11,739	6,412	728	5,763	33,566
Refinery	239	113	1,196	102	1,078	2,728
Bulk Terminal	8,686	11,626	5,216	622	4,685	30,834
Pipeline	--	--	--	4	--	4
Fuel Ethanol	7,771	10,108	4,484	411	2,465	25,240
Refinery	232	93	1,092	92	141	1,650
Bulk Terminal	7,539	10,015	3,392	315	2,324	23,586
Pipeline	--	--	--	4	--	4
Biodiesel	1,154	1,443	840	15	949	4,402
Refinery	7	20	104	10	9	150
Bulk Terminal	1,147	1,423	736	5	940	4,252
Pipeline	--	--	--	--	--	--
Renewable Diesel Fuel	--	148	978	266	2,294	3,685
Refinery	--	--	--	--	928	928
Bulk Terminal	--	148	978	266	1,366	2,757
Pipeline	--	--	--	--	--	--
Other Biofuels³	--	39	109	36	55	239
Refinery	--	--	--	--	--	--
Bulk Terminal	--	39	109	36	55	239
Pipeline	--	--	--	--	--	--

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, January 2023
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Unfinished Oils	3,935	13,031	47,313	3,082	18,133	85,494
Naphthas and Lighter	913	2,989	10,422	726	2,785	17,835
Refinery	913	2,976	9,584	726	2,553	16,752
Bulk Terminal	—	13	838	—	232	1,083
Kerosene and Light Gas Oils	447	2,573	9,061	818	3,287	16,186
Refinery	447	2,573	6,946	818	3,228	14,012
Bulk Terminal	—	—	2,115	—	59	2,174
Heavy Gas Oils	1,991	5,529	21,200	1,052	8,453	38,225
Refinery	1,760	5,206	18,379	1,052	7,890	34,287
Bulk Terminal	231	323	2,821	—	563	3,938
Residuum	584	1,940	6,630	486	3,608	13,248
Refinery	584	1,940	6,630	486	3,608	13,248
Bulk Terminal	—	—	—	—	—	—
Motor Gasoline Blending Components²	58,658	47,457	80,996	6,063	30,139	223,312
Refinery	3,646	14,156	27,724	2,640	13,637	61,803
Bulk Terminal	42,480	24,669	35,815	2,273	14,149	119,385
Pipeline	12,532	8,632	17,457	1,150	2,353	42,124
Reformulated - RBOB	20,772	4,933	10,928	—	14,914	51,548
Refinery	1,232	1,030	1,469	—	5,218	8,949
Bulk Terminal	15,801	3,473	5,735	—	8,183	33,193
Pipeline	3,739	430	3,724	—	1,513	9,406
Conventional	37,886	42,523	70,068	6,063	15,224	171,764
Refinery	2,414	13,126	26,255	2,640	8,419	52,854
Bulk Terminal	26,679	21,195	30,080	2,273	5,965	86,192
Pipeline	8,793	8,202	13,733	1,150	840	32,718
CBOB	28,529	34,629	39,183	4,854	8,389	115,584
Refinery	269	6,795	11,957	1,434	2,628	23,083
Bulk Terminal	19,822	19,674	13,767	2,270	4,923	60,456
Pipeline	8,438	8,160	13,459	1,150	838	32,045
GTAB	582	—	—	—	—	582
Refinery	—	—	—	—	—	—
Bulk Terminal	582	—	—	—	—	582
Pipeline	—	—	—	—	—	—
Other	8,775	7,894	30,885	1,209	6,835	55,598
Refinery	2,145	6,331	14,298	1,206	5,791	29,771
Bulk Terminal	6,275	1,521	16,313	3	1,042	25,154
Pipeline	355	42	274	—	2	673
Aviation Gasoline Blending Components	—	—	26	—	—	26
Refinery	—	—	26	—	—	26
Bulk Terminal	—	—	—	—	—	—
Finished Motor Gasoline	3,314	3,485	6,156	1,324	2,040	16,319
Refinery	42	585	2,705	949	797	5,078
Bulk Terminal	944	1,034	3,044	171	1,223	6,416
Pipeline	2,328	1,866	407	204	20	4,825
Reformulated	5	—	—	—	18	23
Refinery	—	—	—	—	18	18
Bulk Terminal	5	—	—	—	—	5
Pipeline	—	—	—	—	—	—
Reformulated (Blended with Fuel Ethanol)	5	—	—	—	18	23
Refinery	—	—	—	—	18	18
Bulk Terminal	5	—	—	—	—	5
Pipeline	—	—	—	—	—	—
Reformulated (Other)	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional	3,309	3,485	6,156	1,324	2,022	16,296
Refinery	42	585	2,705	949	779	5,060
Bulk Terminal	939	1,034	3,044	171	1,223	6,411
Pipeline	2,328	1,866	407	204	20	4,825
Conventional (Blended with Fuel Ethanol)	—	122	—	57	30	209
Refinery	—	—	—	54	—	54
Bulk Terminal	—	122	—	3	30	155
Pipeline	—	—	—	—	—	—
Ed55 and Lower	—	122	—	57	—	179
Refinery	—	—	—	54	—	54
Bulk Terminal	—	122	—	3	—	125
Pipeline	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	30	30
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	30	30
Pipeline	—	—	—	—	—	—
Conventional (Other)	3,309	3,363	6,156	1,267	1,992	16,087
Refinery	42	585	2,705	895	779	5,006
Bulk Terminal	939	912	3,044	168	1,193	6,256
Pipeline	2,328	1,866	407	204	20	4,825

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, January 2023
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Finished Aviation Gasoline	194	234	578	9	321	1,336
Refinery	—	50	400	9	197	656
Bulk Terminal	194	184	178	—	124	680
Pipeline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	7,507	7,129	11,967	625	8,341	35,569
Refinery	544	1,970	5,397	211	3,188	11,310
Bulk Terminal	3,514	3,445	2,812	301	4,336	14,408
Pipeline	3,449	1,714	3,758	113	817	9,851
Kerosene	961	138	329	1	11	1,440
Refinery	107	118	83	1	2	311
Bulk Terminal	837	20	237	—	9	1,103
Pipeline	17	—	9	—	—	26
Distillate Fuel Oil²	33,126	29,204	43,925	3,957	12,484	122,696
Refinery	1,811	6,273	14,798	1,580	4,744	29,206
Bulk Terminal	24,056	16,199	16,005	1,647	6,325	64,232
Pipeline	7,259	6,732	13,122	730	1,415	29,258
15 ppm sulfur and Under	31,299	28,463	37,949	3,751	11,828	113,290
Refinery	1,388	5,898	12,577	1,413	4,278	25,554
Bulk Terminal	22,760	16,005	12,414	1,608	6,187	58,974
Pipeline	7,151	6,560	12,958	730	1,363	28,762
Greater than 15 ppm to 500 ppm sulfur	598	321	1,035	147	237	2,338
Refinery	139	132	607	108	205	1,191
Bulk Terminal	459	22	331	39	—	851
Pipeline	—	167	97	—	32	296
Greater than 500 ppm sulfur	1,229	420	4,941	59	419	7,068
Refinery	284	243	1,614	59	261	2,461
Bulk Terminal	837	172	3,260	—	138	4,407
Pipeline	108	5	67	—	20	200
Residual Fuel Oil	6,137	1,059	20,017	218	4,673	32,104
Refinery	256	887	4,271	218	2,470	8,102
Bulk Terminal	5,881	172	15,746	—	2,203	24,002
Pipeline	—	—	—	—	—	—
Less than 0.31% Sulfur	292	246	1,523	27	674	2,762
Refinery	15	238	55	27	20	355
Bulk Terminal	277	8	1,468	—	654	2,407
0.31% to 1.00% Sulfur	809	188	5,283	5	610	6,895
Refinery	29	186	1,031	5	344	1,595
Bulk Terminal	780	2	4,252	—	266	5,300
Greater than 1.00% Percent Sulfur	5,036	625	13,211	186	3,389	22,447
Refinery	212	463	3,185	186	2,106	6,152
Bulk Terminal	4,824	162	10,026	—	1,283	16,295
Petrochemical Feedstocks	4	499	2,136	—	—	2,639
Refinery	4	499	2,136	—	—	2,639
Naphtha for Petrochemical Feedstock Use	—	380	1,606	—	—	1,986
Other Oils for Petrochemical Feedstock Use	4	119	530	—	—	653
Special Naphthas	46	126	809	—	60	1,041
Refinery	24	60	801	—	60	945
Bulk Terminal	22	66	8	—	—	96
Lubricants	1,515	715	9,769	—	1,043	13,042
Refinery	943	220	6,053	—	820	8,036
Bulk Terminal	572	495	3,716	—	223	5,006
Waxes	232	53	298	—	—	583
Refinery	232	53	298	—	—	583
Petroleum Coke	—	3,091	3,208	131	1,179	7,609
Refinery	—	3,091	3,208	131	1,179	7,609
Asphalt and Road Oil	6,332	11,823	5,900	2,034	2,833	28,922
Refinery	586	4,185	2,173	627	933	8,504
Bulk Terminal	5,746	7,638	3,727	1,407	1,900	20,418
Miscellaneous Products	68	223	652	14	72	1,029
Refinery	68	125	531	14	72	810
Bulk Terminal	—	98	121	—	—	219
Pipeline	—	—	0	—	—	0
Total Stocks, All Oils	147,637	301,663	990,263	47,562	138,248	1,625,373

-- = Not Applicable.

- = No Data Reported.

1 Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.

2 Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

3 Includes stocks held at biofuel production facilities.

Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report."

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, February 2023
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil	7,617	127,518	634,789	24,737	49,287	843,948
Refinery	5,513	14,398	45,287	2,425	21,009	88,632
Tank Farms and Pipelines (Includes Cushing, OK)	2,104	113,120	217,923	22,312	23,710	379,169
Cushing, Oklahoma	--	40,208	--	--	--	40,208
Leases	--	--	--	--	--	--
Strategic Petroleum Reserve ¹	--	--	371,579	--	--	371,579
Alaskan In Transit	--	--	--	--	4,568	4,568
Total Stocks, All Oils (excluding Crude Oil)²	148,679	175,458	352,975	24,970	92,255	794,337
Refinery	12,914	49,076	117,971	10,757	49,085	239,803
Bulk Terminal	107,365	87,815	177,500	7,457	38,130	418,267
Pipeline	28,117	37,156	56,508	6,578	4,838	133,197
Natural Gas Processing Plant	283	1,411	996	178	202	3,070
Natural Gas Liquids	8,825	39,165	116,879	5,264	2,725	172,858
Refinery	387	2,725	4,543	349	1,304	9,308
Bulk Terminal	6,084	17,335	88,615	234	1,219	113,487
Pipeline	2,071	17,694	22,725	4,503	--	46,993
Natural Gas Processing Plant	283	1,411	996	178	202	3,070
Ethane	1,235	6,508	43,289	1,089	--	52,121
Refinery	--	--	24	--	--	24
Bulk Terminal	671	2,645	34,344	--	--	37,660
Pipeline	564	3,728	8,842	1,082	--	14,216
Natural Gas Processing Plant	--	135	79	7	--	221
Propane	5,648	14,807	37,287	1,929	781	60,452
Refinery	126	846	1,182	49	127	2,330
Bulk Terminal	4,175	9,189	29,540	131	602	43,637
Pipeline	1,213	4,129	6,440	1,672	--	13,454
Natural Gas Processing Plant	134	643	125	77	52	1,031
Normal Butane	1,583	5,079	17,714	999	1,544	26,919
Refinery	203	866	2,102	203	827	4,201
Bulk Terminal	1,106	2,984	12,964	87	614	17,755
Pipeline	209	925	2,448	675	--	4,257
Natural Gas Processing Plant	65	304	200	34	103	706
Isobutane	115	2,441	7,814	448	378	11,196
Refinery	58	630	906	90	348	2,032
Bulk Terminal	--	838	5,091	--	--	5,929
Pipeline	45	873	1,612	341	--	2,871
Natural Gas Processing Plant	12	100	205	17	30	364
Natural Gasoline	244	10,330	10,775	799	22	22,170
Refinery	--	383	329	7	2	721
Bulk Terminal	132	1,679	6,676	16	3	8,506
Pipeline	40	8,039	3,383	733	--	12,195
Natural Gas Processing Plant	72	229	387	43	17	748
Refinery Olefins	200	345	1,112	51	120	1,828
Refinery	200	345	1,112	51	120	1,828
Ethylene	0	0	0	0	0	0
Refinery	--	--	0	--	--	0
Propylene	76	345	402	2	20	845
Refinery	76	345	402	2	20	845
Normal Butylene	124	0	710	49	100	983
Refinery	124	0	710	49	100	983
Isobutylene	0	0	0	0	0	0
Refinery	0	0	0	0	0	0
Other Hydrocarbons	--	14	--	--	--	14
Refinery	--	14	--	--	--	14
Biofuels (Including Fuel Ethanol)²	9,642	12,262	6,714	691	5,895	35,204
Refinery	262	135	1,253	119	885	2,654
Bulk Terminal	9,380	12,127	5,461	569	5,010	32,547
Pipeline	--	--	--	3	--	3
Fuel Ethanol	8,229	10,546	4,639	419	2,451	26,284
Refinery	252	117	1,158	111	195	1,833
Bulk Terminal	7,977	10,429	3,481	305	2,256	24,448
Pipeline	--	--	--	3	--	3
Biodiesel	1,414	1,521	1,049	15	888	4,886
Refinery	10	18	95	8	9	140
Bulk Terminal	1,404	1,503	954	7	879	4,746
Pipeline	--	--	--	--	--	--
Renewable Diesel Fuel	--	163	805	220	2,491	3,679
Refinery	--	--	--	--	681	681
Bulk Terminal	--	163	805	220	1,810	2,998
Pipeline	--	--	--	--	--	--
Other Biofuels³	--	32	222	37	65	355
Refinery	--	--	--	--	--	--
Bulk Terminal	--	32	222	37	65	355
Pipeline	--	--	--	--	--	--

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, February 2023
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Unfinished Oils	4,371	13,542	45,923	3,351	20,467	87,654
Naphthas and Lighter	1,002	3,004	9,661	857	3,445	17,969
Refinery	1,002	2,987	8,911	857	3,112	16,869
Bulk Terminal	—	17	750	—	333	1,100
Kerosene and Light Gas Oils	312	2,407	8,847	846	3,217	15,629
Refinery	312	2,407	6,621	846	3,146	13,332
Bulk Terminal	—	—	2,226	—	71	2,297
Heavy Gas Oils	2,369	6,218	21,359	1,140	10,713	41,799
Refinery	2,235	5,926	19,114	1,140	9,495	37,910
Bulk Terminal	134	292	2,245	—	1,218	3,889
Residuum	688	1,913	6,056	508	3,092	12,257
Refinery	688	1,913	6,056	508	3,092	12,257
Bulk Terminal	—	—	—	—	—	—
Motor Gasoline Blending Components²	61,796	49,104	79,915	6,456	28,601	225,872
Refinery	3,181	13,965	27,150	2,897	13,435	60,628
Bulk Terminal	46,543	26,238	34,409	2,472	12,561	122,223
Pipeline	12,072	8,901	18,356	1,087	2,605	43,021
Reformulated - RBOB	20,911	4,801	9,245	—	13,371	48,329
Refinery	1,312	813	1,472	—	4,507	8,104
Bulk Terminal	17,240	3,439	4,460	—	7,285	32,425
Pipeline	2,359	549	3,313	—	1,579	7,800
Conventional	40,885	44,302	70,670	6,456	15,229	177,543
Refinery	1,869	13,152	25,678	2,897	8,928	52,524
Bulk Terminal	29,303	22,798	29,949	2,472	5,275	89,798
Pipeline	9,713	8,352	15,043	1,087	1,026	35,221
CBOB	29,789	35,697	38,285	5,232	8,026	117,029
Refinery	285	6,422	11,432	1,676	2,501	22,316
Bulk Terminal	19,980	20,965	12,230	2,469	4,510	60,154
Pipeline	9,524	8,310	14,623	1,087	1,015	34,559
GTAB	1,011	—	323	—	—	1,334
Refinery	—	—	—	—	—	—
Bulk Terminal	1,011	—	323	—	—	1,334
Pipeline	—	—	—	—	—	—
Other	10,085	8,605	32,062	1,224	7,203	59,179
Refinery	1,584	6,730	14,246	1,221	6,427	30,208
Bulk Terminal	8,312	1,833	17,396	3	765	28,309
Pipeline	189	42	420	—	11	662
Aviation Gasoline Blending Components	—	—	22	—	—	22
Refinery	—	—	22	—	—	22
Bulk Terminal	—	—	—	—	—	—
Finished Motor Gasoline	2,534	3,408	7,720	1,210	1,892	16,764
Refinery	37	462	3,303	833	578	5,213
Bulk Terminal	695	1,065	4,029	150	1,297	7,236
Pipeline	1,802	1,881	388	227	17	4,315
Reformulated	5	—	—	—	16	21
Refinery	—	—	—	—	16	16
Bulk Terminal	5	—	—	0	—	5
Pipeline	—	—	—	—	—	—
Reformulated (Blended with Fuel Ethanol)	5	—	—	0	16	21
Refinery	—	—	—	—	16	16
Bulk Terminal	5	—	—	0	—	5
Pipeline	—	—	—	—	—	—
Reformulated (Other)	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional	2,529	3,408	7,720	1,210	1,876	16,743
Refinery	37	462	3,303	833	562	5,197
Bulk Terminal	690	1,065	4,029	150	1,297	7,231
Pipeline	1,802	1,881	388	227	17	4,315
Conventional (Blended with Fuel Ethanol)	—	133	—	48	34	215
Refinery	—	—	—	46	—	46
Bulk Terminal	—	133	—	2	34	169
Pipeline	—	—	—	—	—	—
Ed55 and Lower	—	133	—	48	—	181
Refinery	—	—	—	46	—	46
Bulk Terminal	—	133	—	2	—	135
Pipeline	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	34	34
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	34	34
Pipeline	—	—	—	—	—	—
Conventional (Other)	2,529	3,275	7,720	1,162	1,842	16,528
Refinery	37	462	3,303	787	562	5,151
Bulk Terminal	690	932	4,029	148	1,263	7,062
Pipeline	1,802	1,881	388	227	17	4,315

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, February 2023
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Finished Aviation Gasoline	255	205	624	8	301	1,393
Refinery	—	52	442	8	189	691
Bulk Terminal	255	153	182	—	112	702
Pipeline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	9,854	6,965	10,665	755	9,015	37,254
Refinery	537	1,686	4,892	221	3,172	10,508
Bulk Terminal	4,712	3,310	2,769	406	4,976	16,173
Pipeline	4,605	1,969	3,004	128	867	10,573
Kerosene	760	118	410	1	11	1,300
Refinery	164	114	89	1	3	371
Bulk Terminal	582	3	304	—	8	897
Pipeline	14	1	17	—	—	32
Distillate Fuel Oil²	35,903	30,899	40,742	4,500	12,617	124,662
Refinery	1,771	6,646	14,881	1,808	5,109	30,215
Bulk Terminal	26,579	17,543	13,843	2,062	6,159	66,187
Pipeline	7,553	6,710	12,018	630	1,349	28,260
15 ppm sulfur and Under	34,254	30,313	34,805	4,258	11,930	115,561
Refinery	1,374	6,343	12,419	1,634	4,677	26,447
Bulk Terminal	25,400	17,411	10,723	1,994	5,971	61,500
Pipeline	7,480	6,559	11,663	630	1,282	27,614
Greater than 15 ppm to 500 ppm sulfur	580	267	1,060	185	194	2,286
Refinery	110	67	572	117	171	1,037
Bulk Terminal	470	55	355	68	1	949
Pipeline	—	145	133	—	22	300
Greater than 500 ppm sulfur	1,069	319	4,877	57	493	6,815
Refinery	287	236	1,890	57	261	2,731
Bulk Terminal	709	77	2,765	—	187	3,738
Pipeline	73	6	222	—	45	346
Residual Fuel Oil	5,466	1,086	19,440	258	5,071	31,321
Refinery	287	906	4,236	258	2,248	7,935
Bulk Terminal	5,179	180	15,204	—	2,823	23,386
Pipeline	—	—	—	—	—	—
Less than 0.31% Sulfur	290	182	1,533	26	950	2,981
Refinery	13	174	60	26	21	294
Bulk Terminal	277	8	1,473	—	929	2,687
0.31% to 1.00% Sulfur	1,060	263	4,860	6	794	6,983
Refinery	42	260	1,191	6	415	1,914
Bulk Terminal	1,018	3	3,669	—	379	5,069
Greater than 1.00% Percent Sulfur	4,116	641	13,047	226	3,327	21,357
Refinery	232	472	2,985	226	1,812	5,727
Bulk Terminal	3,884	169	10,062	—	1,515	15,630
Petrochemical Feedstocks	5	496	2,219	—	—	2,720
Refinery	5	496	2,219	—	—	2,720
Naphtha for Petrochemical Feedstock Use	—	373	1,674	—	—	2,047
Other Oils for Petrochemical Feedstock Use	5	123	545	—	—	673
Special Naphthas	43	118	816	—	27	1,004
Refinery	19	45	810	—	27	901
Bulk Terminal	24	73	6	—	—	103
Lubricants	1,450	768	9,461	—	1,354	13,033
Refinery	953	229	5,833	—	1,102	8,117
Bulk Terminal	497	539	3,628	—	252	4,916
Waxes	263	48	282	—	—	593
Refinery	263	48	282	—	—	593
Petroleum Coke	—	3,530	3,372	112	1,100	8,114
Refinery	—	3,530	3,372	112	1,100	8,114
Asphalt and Road Oil	7,247	13,188	5,998	2,300	2,983	31,716
Refinery	546	4,330	2,340	736	892	8,844
Bulk Terminal	6,701	8,858	3,658	1,564	2,091	22,872
Miscellaneous Products	65	197	661	13	76	1,012
Refinery	65	115	490	13	76	759
Bulk Terminal	—	82	171	—	—	253
Pipeline	—	—	—	—	—	—
Total Stocks, All Oils	156,296	302,976	987,764	49,707	141,542	1,638,285

-- = Not Applicable.

- = No Data Reported.

1 Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.

2 Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

3 Includes stocks held at biofuel production facilities.

4 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report."

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, March 2023
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil	7,033	121,224	632,979	25,756	49,402	836,394
Refinery	5,434	13,313	44,895	2,554	20,726	86,922
Tank Farms and Pipelines (Includes Cushing, OK)	1,599	107,911	216,909	23,202	23,726	373,347
Cushing, Oklahoma	--	33,857	--	--	--	33,857
Leases	--	--	--	--	--	--
Strategic Petroleum Reserve ¹	--	--	371,175	--	--	371,175
Alaskan In Transit	--	--	--	--	4,950	4,950
Total Stocks, All Oils (excluding Crude Oil)²	125,050	168,966	352,429	24,779	93,530	764,755
Refinery	11,882	48,997	117,591	10,410	51,120	240,000
Bulk Terminal	87,020	82,478	175,811	7,432	37,546	390,288
Pipeline	25,865	35,715	57,836	6,770	4,691	130,877
Natural Gas Processing Plant	283	1,776	1,191	167	173	3,590
Natural Gas Liquids	7,570	36,452	120,362	5,342	2,463	172,189
Refinery	358	2,591	4,637	287	1,384	9,257
Bulk Terminal	4,722	14,592	90,687	378	906	111,285
Pipeline	2,207	17,493	23,847	4,510	--	48,057
Natural Gas Processing Plant	283	1,776	1,191	167	173	3,590
Ethane	1,068	6,956	45,288	1,157	--	54,469
Refinery	--	--	24	--	--	24
Bulk Terminal	504	2,979	35,794	--	--	39,277
Pipeline	564	3,766	9,411	1,153	--	14,894
Natural Gas Processing Plant	--	211	59	4	--	274
Propane	4,527	11,872	36,559	1,822	417	55,197
Refinery	106	762	1,004	41	123	2,036
Bulk Terminal	2,944	6,132	28,785	59	279	38,199
Pipeline	1,329	4,085	6,649	1,651	--	13,714
Natural Gas Processing Plant	148	893	121	71	15	1,248
Normal Butane	1,594	4,999	18,276	1,159	1,592	27,620
Refinery	173	846	2,196	148	845	4,208
Bulk Terminal	1,137	2,986	13,339	310	624	18,396
Pipeline	230	862	2,505	667	--	4,264
Natural Gas Processing Plant	54	305	236	34	123	752
Isobutane	144	2,315	8,715	432	428	12,034
Refinery	79	641	1,074	82	412	2,288
Bulk Terminal	--	777	5,940	--	--	6,717
Pipeline	44	774	1,519	334	--	2,671
Natural Gas Processing Plant	21	123	182	16	16	358
Natural Gasoline	237	10,310	11,524	772	26	22,869
Refinery	--	342	339	16	4	701
Bulk Terminal	137	1,718	6,829	9	3	8,696
Pipeline	40	8,006	3,763	705	--	12,514
Natural Gas Processing Plant	60	244	593	42	19	958
Refinery Olefins	72	325	1,238	91	34	1,760
Refinery	72	325	1,238	91	34	1,760
Ethylene	--	--	0	--	--	0
Refinery	--	--	0	--	--	0
Propylene	30	294	802	3	16	1,145
Refinery	30	294	802	3	16	1,145
Normal Butylene	42	31	436	88	18	615
Refinery	42	31	436	88	18	615
Isobutylene	0	0	0	0	0	0
Refinery	0	0	0	0	0	0
Other Hydrocarbons	--	20	--	--	--	20
Refinery	--	20	--	--	--	20
Biofuels (Including Fuel Ethanol)²	8,990	12,100	7,004	610	5,770	34,474
Refinery	133	124	1,187	104	845	2,393
Bulk Terminal	8,827	11,976	5,817	503	4,925	32,048
Pipeline	30	--	--	3	--	33
Fuel Ethanol	7,475	10,423	4,366	361	2,341	24,966
Refinery	127	99	1,076	93	132	1,527
Bulk Terminal	7,318	10,324	3,290	265	2,209	23,406
Pipeline	30	--	--	3	--	33
Biodiesel	1,515	1,510	1,128	16	963	5,133
Refinery	6	25	111	11	7	160
Bulk Terminal	1,509	1,485	1,017	5	956	4,973
Pipeline	--	--	--	--	--	--
Renewable Diesel Fuel	--	137	1,330	184	2,384	4,035
Refinery	--	--	--	--	706	706
Bulk Terminal	--	137	1,330	184	1,678	3,329
Pipeline	--	--	--	--	--	--
Other Biofuels³	--	30	179	49	82	340
Refinery	--	--	--	--	--	--
Bulk Terminal	--	30	179	49	82	340
Pipeline	--	--	--	--	--	--

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, March 2023
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Unfinished Oils	4,073	13,516	47,218	3,206	20,850	88,863
Naphthas and Lighter	792	3,675	10,746	718	3,639	19,570
Refinery	792	3,669	9,593	718	3,392	18,164
Bulk Terminal	-	6	1,153	-	247	1,406
Kerosene and Light Gas Oils	372	2,665	9,345	651	3,191	16,224
Refinery	372	2,665	6,768	651	3,121	13,577
Bulk Terminal	-	-	2,577	-	70	2,647
Heavy Gas Oils	2,336	4,736	20,898	1,394	11,048	40,412
Refinery	2,184	4,494	19,099	1,394	9,737	36,908
Bulk Terminal	152	242	1,799	-	1,311	3,504
Residuum	573	2,440	6,229	443	2,972	12,657
Refinery	573	2,440	6,229	443	2,972	12,657
Bulk Terminal	-	-	-	-	-	-
Motor Gasoline Blending Components²	50,900	46,268	77,768	6,744	29,112	210,792
Refinery	3,127	13,603	27,449	3,009	14,319	61,507
Bulk Terminal	36,961	24,762	32,947	2,630	12,440	109,740
Pipeline	10,812	7,903	17,372	1,105	2,353	39,545
Reformulated - RBOB	18,789	5,667	10,524	-	13,634	48,615
Refinery	1,090	1,021	2,034	-	5,005	9,150
Bulk Terminal	14,189	3,860	4,340	-	7,206	29,596
Pipeline	3,510	786	4,150	-	1,423	9,869
Conventional	32,111	40,601	67,244	6,744	15,477	162,177
Refinery	2,037	12,582	25,415	3,009	9,314	52,357
Bulk Terminal	22,772	20,902	28,607	2,630	5,233	80,144
Pipeline	7,302	7,117	13,222	1,105	930	29,676
CBOB	23,666	32,529	35,553	5,406	8,179	105,333
Refinery	434	6,336	11,410	1,674	2,954	22,808
Bulk Terminal	16,135	19,150	11,582	2,627	4,296	53,790
Pipeline	7,097	7,043	12,561	1,105	929	28,735
GTAB	873	-	266	-	-	1,139
Refinery	-	-	-	-	-	-
Bulk Terminal	873	-	266	-	-	1,139
Pipeline	-	-	-	-	-	-
Other	7,572	8,072	31,425	1,338	7,298	55,705
Refinery	1,603	6,246	14,005	1,335	6,360	29,549
Bulk Terminal	5,764	1,752	16,759	3	937	25,215
Pipeline	205	74	661	-	1	941
Aviation Gasoline Blending Components	-	-	19	-	-	19
Refinery	-	-	19	-	-	19
Bulk Terminal	-	-	-	-	-	-
Finished Motor Gasoline	1,790	3,520	5,962	1,100	2,040	14,412
Refinery	31	797	2,953	779	735	5,295
Bulk Terminal	452	757	2,570	143	1,291	5,213
Pipeline	1,307	1,966	439	178	14	3,904
Reformulated	4	-	-	-	16	20
Refinery	-	-	-	-	16	16
Bulk Terminal	4	-	-	0	-	4
Pipeline	-	-	-	-	-	-
Reformulated (Blended with Fuel Ethanol)	4	-	-	0	16	20
Refinery	-	-	-	-	16	16
Bulk Terminal	4	-	-	0	-	4
Pipeline	-	-	-	-	-	-
Reformulated (Other)	-	-	-	-	-	-
Refinery	-	-	-	-	-	-
Bulk Terminal	-	-	-	-	-	-
Pipeline	-	-	-	-	-	-
Conventional	1,786	3,520	5,962	1,100	2,024	14,392
Refinery	31	797	2,953	779	719	5,279
Bulk Terminal	448	757	2,570	143	1,291	5,209
Pipeline	1,307	1,966	439	178	14	3,904
Conventional (Blended with Fuel Ethanol)	-	120	-	62	38	220
Refinery	-	-	-	60	-	60
Bulk Terminal	-	120	-	2	38	160
Pipeline	-	-	-	-	-	-
Ed55 and Lower	-	120	-	62	-	182
Refinery	-	-	-	60	-	60
Bulk Terminal	-	120	-	2	-	122
Pipeline	-	-	-	-	-	-
Greater than Ed55	-	0	-	-	38	38
Refinery	-	-	-	-	-	-
Bulk Terminal	-	0	-	-	38	38
Pipeline	-	-	-	-	-	-
Conventional (Other)	1,786	3,400	5,962	1,038	1,986	14,172
Refinery	31	797	2,953	719	719	5,219
Bulk Terminal	448	637	2,570	141	1,253	5,049
Pipeline	1,307	1,966	439	178	14	3,904

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, March 2023
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Finished Aviation Gasoline	222	181	530	9	221	1,163
Refinery	—	33	370	9	125	537
Bulk Terminal	222	148	160	—	96	626
Pipeline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	8,994	6,499	12,294	628	9,358	37,773
Refinery	400	2,183	5,426	233	3,619	11,861
Bulk Terminal	3,822	2,867	2,423	264	4,947	14,323
Pipeline	4,772	1,449	4,445	131	792	11,589
Kerosene	652	114	521	1	9	1,297
Refinery	176	109	65	1	3	354
Bulk Terminal	458	5	434	—	6	903
Pipeline	18	—	22	—	—	40
Distillate Fuel Oil²	26,933	29,239	38,183	4,072	13,267	111,693
Refinery	1,438	6,071	14,090	1,498	5,480	28,577
Bulk Terminal	18,776	16,264	12,382	1,731	6,255	55,407
Pipeline	6,719	6,904	11,711	843	1,532	27,709
15 ppm sulfur and Under	25,416	28,655	32,565	3,883	12,259	102,777
Refinery	1,033	5,660	11,856	1,352	4,741	24,642
Bulk Terminal	17,721	16,223	9,537	1,688	6,083	51,251
Pipeline	6,662	6,772	11,172	843	1,435	26,884
Greater than 15 ppm to 500 ppm sulfur	623	298	1,150	136	389	2,596
Refinery	108	153	534	93	340	1,228
Bulk Terminal	515	21	398	43	1	978
Pipeline	—	124	218	—	48	390
Greater than 500 ppm sulfur	894	286	4,468	53	619	6,320
Refinery	297	258	1,700	53	399	2,707
Bulk Terminal	540	20	2,447	—	171	3,178
Pipeline	57	8	321	—	49	435
Residual Fuel Oil	4,851	909	18,861	229	4,709	29,559
Refinery	277	792	4,070	229	2,069	7,437
Bulk Terminal	4,574	117	14,791	—	2,640	22,122
Pipeline	—	—	—	—	—	—
Less than 0.31% Sulfur	236	140	1,450	25	1,082	2,933
Refinery	12	127	67	25	36	267
Bulk Terminal	224	13	1,383	—	1,046	2,666
0.31% to 1.00% Sulfur	829	182	5,188	5	741	6,945
Refinery	87	179	994	5	350	1,615
Bulk Terminal	742	3	4,194	—	391	5,330
Greater than 1.00% Percent Sulfur	3,786	587	12,223	199	2,886	19,681
Refinery	178	486	3,009	199	1,683	5,555
Bulk Terminal	3,608	101	9,214	—	1,203	14,126
Petrochemical Feedstocks	4	635	2,273	—	—	2,912
Refinery	4	635	2,273	—	—	2,912
Naphtha for Petrochemical Feedstock Use	—	523	1,699	—	—	2,222
Other Oils for Petrochemical Feedstock Use	4	112	574	—	—	690
Special Naphthas	39	125	760	—	55	979
Refinery	17	66	749	—	55	887
Bulk Terminal	22	59	11	—	—	92
Lubricants	1,310	746	9,227	—	1,172	12,455
Refinery	858	198	5,372	—	911	7,339
Bulk Terminal	452	548	3,855	—	261	5,116
Waxes	301	56	261	—	—	618
Refinery	301	56	261	—	—	618
Petroleum Coke	—	3,360	3,194	132	1,244	7,930
Refinery	—	3,360	3,194	132	1,244	7,930
Asphalt and Road Oil	8,296	14,714	6,268	2,600	3,161	35,039
Refinery	715	4,671	2,190	818	1,008	9,402
Bulk Terminal	7,581	10,043	4,078	1,782	2,153	25,637
Miscellaneous Products	54	187	486	14	67	808
Refinery	54	95	359	14	67	589
Bulk Terminal	—	92	127	—	—	219
Pipeline	—	—	—	—	—	—
Total Stocks, All Oils	132,083	290,190	985,408	50,535	142,932	1,601,149

-- = Not Applicable.

- = No Data Reported.

1 Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.

2 Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix

D. Includes stocks held at biofuel production facilities.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report."

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, April 2023
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil	8,147	120,647	616,409	25,956	52,191	823,350
Refinery	6,584	13,568	45,258	2,381	22,847	90,638
Tank Farms and Pipelines (Includes Cushing, OK)	1,563	107,079	207,428	23,575	24,311	363,956
Cushing, Oklahoma	--	33,247	--	--	--	33,247
Leases	--	--	--	--	--	--
Strategic Petroleum Reserve ¹	--	--	363,723	--	--	363,723
Alaskan In Transit	--	--	--	--	5,033	5,033
Total Stocks, All Oils (excluding Crude Oil)²	132,773	168,090	368,866	24,877	91,349	785,955
Refinery	13,356	49,817	118,217	10,411	48,138	239,939
Bulk Terminal	89,737	80,924	191,499	7,832	38,121	408,113
Pipeline	29,377	35,475	57,576	6,455	4,816	133,699
Natural Gas Processing Plant	303	1,874	1,574	179	274	4,204
Natural Gas Liquids	8,844	39,170	129,498	5,949	2,807	186,270
Refinery	398	2,830	4,853	306	1,351	9,738
Bulk Terminal	5,398	17,472	99,936	980	1,182	124,970
Pipeline	2,745	16,994	23,135	4,484	--	47,358
Natural Gas Processing Plant	303	1,874	1,574	179	274	4,204
Ethane	1,034	7,220	47,295	1,162	--	56,711
Refinery	--	--	21	--	--	21
Bulk Terminal	471	3,234	38,260	--	--	41,965
Pipeline	563	3,760	8,968	1,157	--	14,448
Natural Gas Processing Plant	--	226	46	5	--	277
Propane	5,620	13,258	39,079	1,963	681	60,601
Refinery	81	726	840	51	143	1,841
Bulk Terminal	3,810	8,186	31,552	204	458	44,210
Pipeline	1,565	3,491	6,539	1,627	--	13,222
Natural Gas Processing Plant	164	855	148	81	80	1,328
Normal Butane	1,690	6,739	22,591	1,628	1,655	34,303
Refinery	210	1,206	2,638	176	819	5,049
Bulk Terminal	894	3,976	16,465	773	721	22,829
Pipeline	533	1,242	2,914	642	--	5,331
Natural Gas Processing Plant	53	315	574	37	115	1,094
Isobutane	166	2,293	9,411	434	427	12,731
Refinery	107	568	1,057	57	385	2,174
Bulk Terminal	--	726	6,572	--	--	7,298
Pipeline	44	830	1,533	360	--	2,767
Natural Gas Processing Plant	15	169	249	17	42	492
Natural Gasoline	334	9,660	11,122	762	44	21,924
Refinery	--	330	297	22	4	653
Bulk Terminal	223	1,350	7,087	3	3	8,668
Pipeline	40	7,671	3,181	698	--	11,590
Natural Gas Processing Plant	71	309	557	39	37	1,013
Refinery Olefins	116	346	1,044	108	50	1,664
Refinery	116	346	1,044	108	50	1,664
Ethylene	--	--	0	--	--	0
Refinery	--	--	0	--	--	0
Propylene	116	308	837	3	15	1,279
Refinery	116	308	837	3	15	1,279
Normal Butylene	0	38	207	105	35	385
Refinery	0	38	207	105	35	385
Isobutylene	0	0	0	0	0	0
Refinery	0	0	0	0	0	0
Other Hydrocarbons	--	24	--	--	--	24
Refinery	--	24	--	--	--	24
Biofuels (Including Fuel Ethanol)²	8,837	11,282	6,649	679	6,128	33,576
Refinery	172	151	1,310	115	1,076	2,824
Bulk Terminal	8,630	11,131	5,339	560	5,052	30,713
Pipeline	35	--	--	4	--	39
Fuel Ethanol	7,313	9,720	4,500	371	2,261	24,165
Refinery	160	132	1,210	106	163	1,771
Bulk Terminal	7,118	9,588	3,290	261	2,098	22,355
Pipeline	35	--	--	4	--	39
Biodiesel	1,524	1,410	994	14	1,015	4,957
Refinery	12	19	100	9	9	149
Bulk Terminal	1,512	1,391	894	5	1,006	4,808
Pipeline	--	--	--	--	--	--
Renewable Diesel Fuel	--	129	991	251	2,771	4,143
Refinery	--	--	--	--	904	904
Bulk Terminal	--	129	991	251	1,867	3,239
Pipeline	--	--	--	--	--	--
Other Biofuels³	--	23	164	43	81	311
Refinery	--	--	--	--	--	--
Bulk Terminal	--	23	164	43	81	311
Pipeline	--	--	--	--	--	--

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, April 2023
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Unfinished Oils	4,209	15,225	49,108	3,160	20,211	91,913
Naphthas and Lighter	813	4,034	11,531	850	3,177	20,405
Refinery	813	4,021	10,351	850	2,879	18,914
Bulk Terminal	—	13	1,180	—	298	1,491
Kerosene and Light Gas Oils	508	2,921	9,736	725	3,329	17,219
Refinery	508	2,921	7,110	725	3,273	14,537
Bulk Terminal	—	—	2,626	—	56	2,682
Heavy Gas Oils	2,333	5,904	22,109	1,155	10,985	42,486
Refinery	2,132	5,499	19,728	1,155	9,370	37,884
Bulk Terminal	201	405	2,381	—	1,615	4,602
Residuum	555	2,366	5,732	430	2,720	11,803
Refinery	555	2,366	5,732	430	2,720	11,803
Bulk Terminal	—	—	—	—	—	—
Motor Gasoline Blending Components²	50,580	43,051	79,607	6,293	28,448	207,978
Refinery	3,545	12,758	27,214	3,005	13,278	59,800
Bulk Terminal	35,245	22,453	34,021	2,319	12,435	106,472
Pipeline	11,790	7,840	18,372	969	2,735	41,706
Reformulated - RBOB	17,437	4,933	10,953	—	13,347	46,671
Refinery	1,262	757	2,095	—	4,398	8,512
Bulk Terminal	11,048	3,022	4,245	—	7,602	25,918
Pipeline	5,127	1,154	4,613	—	1,347	12,241
Conventional	33,143	38,117	68,654	6,293	15,100	161,307
Refinery	2,283	12,001	25,119	3,005	8,880	51,288
Bulk Terminal	24,197	19,430	29,776	2,319	4,832	80,554
Pipeline	6,663	6,686	13,759	969	1,388	29,465
CBOB	25,008	30,500	37,292	4,783	8,269	105,852
Refinery	407	5,821	10,648	1,498	2,664	21,038
Bulk Terminal	18,366	18,205	13,375	2,316	4,222	56,484
Pipeline	6,235	6,474	13,269	969	1,383	28,330
GTAB	676	—	144	—	—	820
Refinery	—	—	—	—	—	—
Bulk Terminal	676	—	144	—	—	820
Pipeline	—	—	—	—	—	—
Other	7,459	7,617	31,218	1,510	6,831	54,635
Refinery	1,876	6,180	14,471	1,507	6,216	30,250
Bulk Terminal	5,155	1,225	16,257	3	610	23,250
Pipeline	428	212	490	—	5	1,135
Aviation Gasoline Blending Components	—	—	34	—	—	34
Refinery	—	—	34	—	—	34
Bulk Terminal	—	—	—	—	—	—
Finished Motor Gasoline	2,676	3,158	6,836	1,002	1,992	15,664
Refinery	37	810	2,527	694	740	4,808
Bulk Terminal	698	703	3,627	147	1,223	6,398
Pipeline	1,941	1,645	682	161	29	4,458
Reformulated	5	—	—	—	20	25
Refinery	—	—	—	—	20	20
Bulk Terminal	5	—	—	0	—	5
Pipeline	—	—	—	—	—	—
Reformulated (Blended with Fuel Ethanol)	5	—	—	0	20	25
Refinery	—	—	—	—	20	20
Bulk Terminal	5	—	—	0	—	5
Pipeline	—	—	—	—	—	—
Reformulated (Other)	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional	2,671	3,158	6,836	1,002	1,972	15,639
Refinery	37	810	2,527	694	720	4,788
Bulk Terminal	693	703	3,627	147	1,223	6,393
Pipeline	1,941	1,645	682	161	29	4,458
Conventional (Blended with Fuel Ethanol)	—	126	—	55	29	210
Refinery	—	—	—	53	—	53
Bulk Terminal	—	126	—	2	29	157
Pipeline	—	—	—	—	—	—
Ed55 and Lower	—	126	—	55	—	181
Refinery	—	—	—	53	—	53
Bulk Terminal	—	126	—	2	—	128
Pipeline	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	29	29
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	29	29
Pipeline	—	—	—	—	—	—
Conventional (Other)	2,671	3,032	6,836	947	1,943	15,429
Refinery	37	810	2,527	641	720	4,735
Bulk Terminal	693	577	3,627	145	1,194	6,236
Pipeline	1,941	1,645	682	161	29	4,458

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, April 2023
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Finished Aviation Gasoline	172	181	542	9	240	1,144
Refinery	—	41	416	9	102	568
Bulk Terminal	172	140	126	—	138	576
Pipeline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	11,593	7,236	12,212	797	9,130	40,968
Refinery	498	2,154	4,957	289	3,190	11,088
Bulk Terminal	5,629	3,350	3,481	371	5,133	17,964
Pipeline	5,466	1,732	3,774	137	807	11,916
Kerosene	511	107	445	1	7	1,071
Refinery	90	102	76	1	1	270
Bulk Terminal	404	4	357	—	6	771
Pipeline	17	1	12	—	—	30
Distillate Fuel Oil²	27,998	27,462	40,224	3,756	12,270	111,710
Refinery	1,953	6,147	14,601	1,483	5,072	29,256
Bulk Terminal	18,662	14,052	14,022	1,573	5,953	54,262
Pipeline	7,383	7,263	11,601	700	1,245	28,192
15 ppm sulfur and Under	26,366	26,539	33,873	3,586	11,507	101,871
Refinery	1,525	5,673	12,280	1,354	4,519	25,351
Bulk Terminal	17,686	14,008	10,558	1,532	5,776	49,560
Pipeline	7,155	6,858	11,035	700	1,212	26,960
Greater than 15 ppm to 500 ppm sulfur	589	218	1,072	143	208	2,230
Refinery	116	58	569	102	207	1,052
Bulk Terminal	473	26	322	41	1	863
Pipeline	—	134	181	—	—	315
Greater than 500 ppm sulfur	1,043	705	5,279	27	555	7,609
Refinery	312	416	1,752	27	346	2,853
Bulk Terminal	503	18	3,142	—	176	3,839
Pipeline	228	271	385	—	33	917
Residual Fuel Oil	6,609	986	20,187	239	4,321	32,342
Refinery	337	827	3,816	239	1,724	6,943
Bulk Terminal	6,272	159	16,371	—	2,597	25,399
Pipeline	—	—	—	—	—	—
Less than 0.31% Sulfur	531	111	1,632	27	1,069	3,370
Refinery	16	103	94	27	28	268
Bulk Terminal	515	8	1,538	—	1,041	3,102
0.31% to 1.00% Sulfur	1,480	225	5,875	8	782	8,370
Refinery	73	222	949	8	347	1,599
Bulk Terminal	1,407	3	4,926	—	435	6,771
Greater than 1.00% Percent Sulfur	4,598	650	12,680	204	2,470	20,602
Refinery	248	502	2,773	204	1,349	5,076
Bulk Terminal	4,350	148	9,907	—	1,121	15,526
Petrochemical Feedstocks	3	593	2,081	—	—	2,677
Refinery	3	593	2,081	—	—	2,677
Naphtha for Petrochemical Feedstock Use	—	479	1,563	—	—	2,042
Other Oils for Petrochemical Feedstock Use	3	114	518	—	—	635
Special Naphthas	39	167	830	—	17	1,053
Refinery	21	101	823	—	17	962
Bulk Terminal	18	66	7	—	—	91
Lubricants	1,488	844	9,384	—	1,325	13,041
Refinery	997	232	5,253	—	1,091	7,573
Bulk Terminal	491	612	4,131	—	234	5,468
Waxes	325	61	259	—	—	645
Refinery	325	61	259	—	—	645
Petroleum Coke	—	3,004	3,570	131	1,113	7,818
Refinery	—	3,004	3,570	131	1,113	7,818
Asphalt and Road Oil	8,721	14,997	5,868	2,731	3,232	35,549
Refinery	805	4,729	2,110	849	1,033	9,526
Bulk Terminal	7,916	10,268	3,758	1,882	2,199	26,023
Miscellaneous Products	51	196	488	22	58	815
Refinery	51	100	352	22	58	583
Bulk Terminal	—	96	136	—	—	232
Pipeline	—	—	—	—	—	—
Total Stocks, All Oils	140,920	288,737	985,275	50,833	143,540	1,609,305

-- = Not Applicable.

- = No Data Reported.

1 Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.

2 Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix

D. Includes stocks held at biofuel production facilities.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report."

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, May 2023
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil	7,900	125,119	604,090	26,155	51,745	815,009
Refinery	6,602	13,220	44,400	2,771	22,102	89,095
Tank Farms and Pipelines (Includes Cushing, OK)	1,298	111,899	205,324	23,384	25,100	367,005
Cushing, Oklahoma	--	40,325	--	--	--	40,325
Leases	--	--	--	--	--	--
Strategic Petroleum Reserve ¹	--	--	354,366	--	--	354,366
Alaskan In Transit	--	--	--	--	4,543	4,543
Total Stocks, All Oils (excluding Crude Oil)²	135,853	169,715	380,186	25,514	88,132	799,401
Refinery	12,577	49,155	120,400	10,350	46,469	238,951
Bulk Terminal	95,041	82,964	199,409	8,502	36,293	422,210
Pipeline	27,957	35,576	58,911	6,468	5,023	133,935
Natural Gas Processing Plant	278	2,020	1,466	194	347	4,305
Natural Gas Liquids	8,235	45,557	141,109	6,935	3,515	205,350
Refinery	324	3,120	4,912	347	1,385	10,088
Bulk Terminal	5,631	23,670	111,878	1,943	1,783	144,904
Pipeline	2,002	16,747	22,853	4,451	--	46,053
Natural Gas Processing Plant	278	2,020	1,466	194	347	4,305
Ethane	1,117	6,622	45,315	1,182	--	54,236
Refinery	--	--	22	--	--	22
Bulk Terminal	555	2,695	36,235	--	--	39,485
Pipeline	562	3,715	9,036	1,175	--	14,488
Natural Gas Processing Plant	--	212	22	7	--	241
Propane	5,243	17,369	44,887	2,279	1,271	71,049
Refinery	86	831	1,083	42	100	2,142
Bulk Terminal	3,897	12,270	37,098	555	1,031	54,851
Pipeline	1,122	3,372	6,589	1,595	--	12,678
Natural Gas Processing Plant	138	896	117	87	140	1,378
Normal Butane	1,367	10,226	28,982	2,256	1,741	44,572
Refinery	168	1,539	2,433	179	872	5,191
Bulk Terminal	915	6,869	22,906	1,385	749	32,824
Pipeline	233	1,438	2,908	654	--	5,233
Natural Gas Processing Plant	51	380	735	38	120	1,324
Isobutane	128	2,047	10,817	432	465	13,889
Refinery	70	523	1,037	94	410	2,134
Bulk Terminal	--	660	8,181	--	--	8,841
Pipeline	44	672	1,312	320	--	2,348
Natural Gas Processing Plant	14	192	287	18	55	566
Natural Gasoline	380	9,293	11,108	786	38	21,604
Refinery	--	227	337	32	3	599
Bulk Terminal	264	1,176	7,458	3	3	8,903
Pipeline	41	7,550	3,008	707	--	11,306
Natural Gas Processing Plant	75	340	305	44	32	796
Refinery Olefins	119	497	954	93	46	1,709
Refinery	119	497	954	93	46	1,709
Ethylene	0	0	0	0	0	0
Refinery	--	--	0	--	--	0
Propylene	111	432	591	3	9	1,146
Refinery	111	432	591	3	9	1,146
Normal Butylene	8	65	363	90	37	563
Refinery	8	65	363	90	37	563
Isobutylene	0	0	0	0	0	0
Refinery	0	0	0	0	0	0
Other Hydrocarbons	--	13	--	--	--	13
Refinery	--	13	--	--	--	13
Biofuels (Including Fuel Ethanol)²	8,485	10,471	6,190	798	5,630	31,574
Refinery	231	128	1,276	111	1,046	2,792
Bulk Terminal	8,254	10,343	4,914	687	4,584	28,782
Pipeline	--	--	--	--	--	--
Fuel Ethanol	7,036	9,089	4,167	400	2,415	23,108
Refinery	222	108	1,164	106	203	1,803
Bulk Terminal	6,814	8,981	3,003	294	2,212	21,305
Pipeline	--	--	--	--	--	--
Biodiesel	1,413	1,239	1,024	10	801	4,487
Refinery	9	20	112	5	8	154
Bulk Terminal	1,404	1,219	912	5	793	4,333
Pipeline	--	--	--	--	--	--
Renewable Diesel Fuel	36	127	884	329	2,338	3,714
Refinery	--	--	--	--	835	835
Bulk Terminal	36	127	884	329	1,503	2,879
Pipeline	--	--	--	--	--	--
Other Biofuels³	--	16	114	59	76	265
Refinery	--	--	--	--	--	--
Bulk Terminal	--	16	114	59	76	265
Pipeline	--	--	--	--	--	--

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, May 2023
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Unfinished Oils	3,865	14,390	48,068	3,483	19,097	88,903
Naphtas and Lighter	909	3,374	11,105	761	3,279	19,428
Refinery	909	3,355	10,293	761	2,980	18,298
Bulk Terminal	—	19	812	—	299	1,130
Kerosene and Light Gas Oils	527	3,275	9,436	890	3,287	17,415
Refinery	527	3,275	6,892	890	3,254	14,838
Bulk Terminal	—	—	2,544	—	33	2,577
Heavy Gas Oils	1,856	5,312	21,324	1,425	10,289	40,206
Refinery	1,785	4,972	19,293	1,425	9,173	36,648
Bulk Terminal	71	340	2,031	—	1,116	3,558
Residuum	573	2,429	6,203	407	2,242	11,854
Refinery	573	2,429	6,203	407	2,242	11,854
Bulk Terminal	—	—	—	—	—	—
Motor Gasoline Blending Components²	52,179	41,668	78,115	5,852	27,324	205,137
Refinery	3,204	12,793	27,325	2,702	12,838	58,862
Bulk Terminal	37,656	20,618	32,300	2,048	11,793	104,414
Pipeline	11,319	8,257	18,490	1,102	2,693	41,861
Reformulated - RBOB	17,743	5,505	11,344	—	13,185	47,778
Refinery	1,017	1,082	1,970	—	4,831	8,900
Bulk Terminal	11,868	3,247	4,214	—	6,719	26,049
Pipeline	4,858	1,176	5,160	—	1,635	12,829
Conventional	34,436	36,162	66,771	5,852	14,138	157,359
Refinery	2,187	11,711	25,355	2,702	8,007	49,962
Bulk Terminal	25,788	17,370	28,086	2,048	5,073	78,365
Pipeline	6,461	7,081	13,330	1,102	1,058	29,032
CBOB	26,871	29,164	37,165	4,292	7,191	104,683
Refinery	443	5,809	11,281	1,145	2,129	20,807
Bulk Terminal	19,968	16,529	13,070	2,045	4,005	55,617
Pipeline	6,460	6,826	12,814	1,102	1,057	28,259
GTAB	558	—	292	—	—	850
Refinery	—	—	—	—	—	—
Bulk Terminal	558	—	292	—	—	850
Pipeline	—	—	—	—	—	—
Other	7,007	6,998	29,314	1,560	6,947	51,826
Refinery	1,744	5,902	14,074	1,557	5,878	29,155
Bulk Terminal	5,262	841	14,724	3	1,068	21,898
Pipeline	1	255	516	—	1	773
Aviation Gasoline Blending Components	—	—	38	—	—	38
Refinery	—	—	38	—	—	38
Bulk Terminal	—	—	—	—	—	—
Finished Motor Gasoline	3,292	3,703	7,062	909	2,043	17,009
Refinery	51	892	2,892	604	824	5,263
Bulk Terminal	1,103	916	3,653	162	1,185	7,019
Pipeline	2,138	1,895	517	143	34	4,727
Reformulated	5	—	—	—	16	21
Refinery	—	—	—	—	16	16
Bulk Terminal	5	—	—	0	—	5
Pipeline	—	—	—	—	—	—
Reformulated (Blended with Fuel Ethanol)	5	—	—	0	16	21
Refinery	—	—	—	—	16	16
Bulk Terminal	5	—	—	0	—	5
Pipeline	—	—	—	—	—	—
Reformulated (Other)	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional	3,287	3,703	7,062	909	2,027	16,988
Refinery	51	892	2,892	604	808	5,247
Bulk Terminal	1,098	916	3,653	162	1,185	7,014
Pipeline	2,138	1,895	517	143	34	4,727
Conventional (Blended with Fuel Ethanol)	—	136	—	51	29	216
Refinery	—	—	—	48	—	48
Bulk Terminal	—	136	—	3	29	168
Pipeline	—	—	—	—	—	—
Ed55 and Lower	—	136	—	51	—	187
Refinery	—	—	—	48	—	48
Bulk Terminal	—	136	—	3	—	139
Pipeline	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	29	29
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	29	29
Pipeline	—	—	—	—	—	—
Conventional (Other)	3,287	3,567	7,062	858	1,998	16,772
Refinery	51	892	2,892	556	808	5,199
Bulk Terminal	1,098	780	3,653	159	1,156	6,846
Pipeline	2,138	1,895	517	143	34	4,727

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, May 2023
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Finished Aviation Gasoline	153	150	495	10	217	1,025
Refinery	—	35	368	10	98	511
Bulk Terminal	153	115	127	—	119	514
Pipeline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	12,101	7,754	13,208	813	8,476	42,352
Refinery	575	2,159	5,951	296	2,900	11,881
Bulk Terminal	6,564	3,664	3,237	349	4,673	18,487
Pipeline	4,962	1,931	4,020	168	903	11,984
Kerosene	551	179	474	—	7	1,211
Refinery	99	154	62	—	1	316
Bulk Terminal	437	25	399	—	6	867
Pipeline	15	—	13	—	—	28
Distillate Fuel Oil²	28,971	25,907	42,463	3,494	11,928	112,762
Refinery	1,677	6,404	15,635	1,466	4,735	29,917
Bulk Terminal	19,773	12,757	13,810	1,424	5,800	53,563
Pipeline	7,521	6,746	13,018	604	1,393	29,282
15 ppm sulfur and Under	27,356	24,933	36,266	3,291	10,855	102,700
Refinery	1,252	5,719	13,162	1,301	3,885	25,319
Bulk Terminal	18,723	12,720	10,690	1,386	5,607	49,125
Pipeline	7,381	6,494	12,414	604	1,363	28,256
Greater than 15 ppm to 500 ppm sulfur	637	346	1,414	176	407	2,980
Refinery	78	172	601	138	390	1,379
Bulk Terminal	559	14	612	38	—	1,223
Pipeline	—	160	201	—	17	378
Greater than 500 ppm sulfur	978	628	4,783	27	666	7,082
Refinery	347	513	1,872	27	460	3,219
Bulk Terminal	491	23	2,508	—	193	3,215
Pipeline	140	92	403	—	13	648
Residual Fuel Oil	7,408	949	19,728	217	4,842	33,144
Refinery	334	824	3,504	217	2,200	7,079
Bulk Terminal	7,074	125	16,224	—	2,642	26,065
Pipeline	—	—	—	—	—	—
Less than 0.31% Sulfur	829	125	1,618	15	902	3,489
Refinery	17	117	62	15	22	233
Bulk Terminal	812	8	1,556	—	880	3,256
0.31% to 1.00% Sulfur	1,436	182	5,924	8	824	8,374
Refinery	110	179	934	8	383	1,614
Bulk Terminal	1,326	3	4,990	—	441	6,760
Greater than 1.00% Percent Sulfur	5,143	642	12,186	194	3,116	21,281
Refinery	207	528	2,508	194	1,795	5,232
Bulk Terminal	4,936	114	9,678	—	1,321	16,049
Petrochemical Feedstocks	4	545	1,961	—	—	2,510
Refinery	4	545	1,961	—	—	2,510
Naphtha for Petrochemical Feedstock Use	—	428	1,464	—	—	1,892
Other Oils for Petrochemical Feedstock Use	4	117	497	—	—	618
Special Naphthas	49	190	875	—	54	1,168
Refinery	27	95	865	—	54	1,041
Bulk Terminal	22	95	10	—	—	127
Lubricants	1,556	844	9,081	—	1,008	12,489
Refinery	962	237	5,277	—	774	7,250
Bulk Terminal	594	607	3,804	—	234	5,239
Waxes	359	68	271	—	—	698
Refinery	359	68	271	—	—	698
Petroleum Coke	—	2,027	3,978	103	879	6,987
Refinery	—	2,027	3,978	103	879	6,987
Asphalt and Road Oil	8,471	14,591	5,499	2,789	3,005	34,355
Refinery	762	5,043	2,013	899	978	9,695
Bulk Terminal	7,709	9,548	3,486	1,890	2,027	24,660
Miscellaneous Products	55	213	617	19	62	966
Refinery	55	90	437	19	62	663
Bulk Terminal	—	123	180	—	—	303
Pipeline	—	—	—	—	—	—
Total Stocks, All Oils	143,753	294,834	984,276	51,669	139,877	1,614,410

-- = Not Applicable.

- = No Data Reported.

1 Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.

2 Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report."

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, June 2023
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil	7,493	126,189	593,587	24,830	49,774	801,873
Refinery	5,920	13,206	46,376	2,755	22,853	91,110
Tank Farms and Pipelines (Includes Cushing, OK)	1,573	112,983	200,053	22,075	23,030	359,714
Cushing, Oklahoma	--	43,330	--	--	--	43,330
Leases	--	--	--	--	--	--
Strategic Petroleum Reserve ¹	--	--	347,158	--	--	347,158
Alaskan In Transit	--	--	--	--	3,891	3,891
Total Stocks, All Oils (excluding Crude Oil)²	134,006	173,194	387,276	26,555	87,330	808,361
Refinery	11,860	48,473	116,464	10,590	45,997	233,384
Bulk Terminal	93,226	86,836	210,802	9,393	36,444	436,701
Pipeline	28,661	35,966	58,290	6,391	4,532	133,840
Natural Gas Processing Plant	259	1,919	1,720	181	357	4,436
Natural Gas Liquids	8,189	49,885	153,804	7,789	4,235	223,902
Refinery	334	3,278	5,179	369	1,368	10,528
Bulk Terminal	5,484	28,150	123,347	2,818	2,510	162,309
Pipeline	2,112	16,538	23,558	4,421	--	46,629
Natural Gas Processing Plant	259	1,919	1,720	181	357	4,436
Ethane	1,219	6,399	42,845	1,056	--	51,519
Refinery	--	--	17	--	--	17
Bulk Terminal	657	2,651	34,218	--	--	37,526
Pipeline	562	3,560	8,587	1,052	--	13,761
Natural Gas Processing Plant	--	188	23	4	--	215
Propane	4,561	20,347	49,935	2,673	1,676	79,192
Refinery	44	885	1,038	61	73	2,101
Bulk Terminal	3,146	14,731	42,032	916	1,493	62,318
Pipeline	1,229	3,792	6,664	1,618	--	13,303
Natural Gas Processing Plant	142	939	201	78	110	1,470
Normal Butane	1,972	12,658	36,669	2,795	2,038	56,132
Refinery	179	1,588	3,056	212	855	5,890
Bulk Terminal	1,512	9,228	29,729	1,898	1,015	43,382
Pipeline	233	1,500	2,965	645	--	5,343
Natural Gas Processing Plant	48	342	919	40	168	1,517
Isobutane	171	1,784	10,767	453	486	13,661
Refinery	111	525	928	79	437	2,080
Bulk Terminal	--	366	8,336	--	--	8,702
Pipeline	44	754	1,198	356	--	2,352
Natural Gas Processing Plant	16	139	305	18	49	527
Natural Gasoline	266	8,697	13,588	812	35	23,398
Refinery	--	280	140	17	3	440
Bulk Terminal	169	1,174	9,032	4	2	10,381
Pipeline	44	6,932	4,144	750	--	11,870
Natural Gas Processing Plant	53	311	272	41	30	707
Refinery Olefins	75	454	1,051	99	136	1,815
Refinery	75	454	1,051	99	136	1,815
Ethylene	--	--	0	--	--	0
Refinery	--	--	0	--	--	0
Propylene	70	373	670	4	21	1,138
Refinery	70	373	670	4	21	1,138
Normal Butylene	1	81	381	95	115	673
Refinery	1	81	381	95	115	673
Isobutylene	4	0	0	0	0	4
Refinery	4	0	0	0	0	4
Other Hydrocarbons	--	12	--	--	--	12
Refinery	--	12	--	--	--	12
Biofuels (Including Fuel Ethanol)²	8,593	9,693	5,676	701	5,515	30,178
Refinery	137	112	883	118	813	2,063
Bulk Terminal	8,433	9,581	4,793	583	4,702	28,092
Pipeline	23	--	--	--	--	23
Fuel Ethanol	7,080	8,451	3,987	382	2,415	22,314
Refinery	126	90	758	112	159	1,245
Bulk Terminal	6,931	8,361	3,229	270	2,256	21,046
Pipeline	23	--	--	--	--	23
Biodiesel	1,459	1,079	817	17	627	3,998
Refinery	11	22	125	6	9	173
Bulk Terminal	1,448	1,057	692	11	618	3,825
Pipeline	--	--	--	--	--	--
Renewable Diesel Fuel	55	143	722	257	2,388	3,565
Refinery	--	--	--	--	645	645
Bulk Terminal	55	143	722	257	1,743	2,920
Pipeline	--	--	--	--	--	--
Other Biofuels³	--	20	150	45	85	301
Refinery	--	--	--	--	--	--
Bulk Terminal	--	20	150	45	85	301
Pipeline	--	--	--	--	--	--

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, June 2023
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Unfinished Oils	4,325	13,601	46,973	3,145	19,230	87,274
Naphthas and Lighter	828	3,435	10,851	752	2,973	18,839
Refinery	828	3,356	9,685	752	2,758	17,379
Bulk Terminal	—	79	1,166	—	215	1,460
Kerosene and Light Gas Oils	353	2,905	8,694	707	3,545	16,204
Refinery	353	2,905	6,879	707	3,531	14,375
Bulk Terminal	—	—	1,815	—	14	1,829
Heavy Gas Oils	2,504	4,853	21,045	1,248	10,344	39,994
Refinery	2,392	4,635	19,119	1,248	8,930	36,324
Bulk Terminal	112	218	1,926	—	1,414	3,670
Residuum	640	2,408	6,383	438	2,368	12,237
Refinery	640	2,408	6,375	438	2,368	12,229
Bulk Terminal	—	—	8	—	—	8
Motor Gasoline Blending Components²	54,224	41,031	76,590	5,833	26,858	204,536
Refinery	3,064	12,406	26,174	2,828	12,567	57,039
Bulk Terminal	39,141	20,248	31,999	2,032	11,663	105,083
Pipeline	12,019	8,377	18,417	973	2,628	42,414
Reformulated - RBOB	19,065	5,651	11,623	—	13,596	49,936
Refinery	976	881	2,237	—	4,853	8,947
Bulk Terminal	12,890	3,096	4,860	—	7,174	28,021
Pipeline	5,199	1,674	4,526	—	1,569	12,968
Conventional	35,159	35,380	64,967	5,833	13,261	154,600
Refinery	2,088	11,525	23,937	2,828	7,714	48,092
Bulk Terminal	26,251	17,152	27,139	2,032	4,488	77,062
Pipeline	6,820	6,703	13,891	973	1,059	29,446
CBOB	28,018	28,653	35,642	4,387	7,100	103,800
Refinery	421	5,617	10,160	1,385	2,191	19,774
Bulk Terminal	20,996	16,443	12,257	2,029	3,854	55,579
Pipeline	6,601	6,593	13,225	973	1,055	28,447
GTAB	403	—	114	—	—	517
Refinery	—	—	—	—	—	—
Bulk Terminal	403	—	114	—	—	517
Pipeline	—	—	—	—	—	—
Other	6,738	6,727	29,211	1,446	6,161	50,283
Refinery	1,667	5,908	13,777	1,443	5,523	28,318
Bulk Terminal	4,852	709	14,768	3	634	20,966
Pipeline	219	110	666	—	4	999
Aviation Gasoline Blending Components	—	—	25	—	—	25
Refinery	—	—	25	—	—	25
Bulk Terminal	—	—	—	—	—	—
Finished Motor Gasoline	2,768	3,848	7,792	1,083	2,029	17,520
Refinery	28	836	3,393	719	714	5,690
Bulk Terminal	770	965	3,967	164	1,279	7,145
Pipeline	1,970	2,047	432	200	36	4,685
Reformulated	4	—	—	—	15	19
Refinery	—	—	—	—	15	15
Bulk Terminal	4	—	—	0	—	4
Pipeline	—	—	—	—	—	—
Reformulated (Blended with Fuel Ethanol)	4	—	—	0	15	19
Refinery	—	—	—	—	15	15
Bulk Terminal	4	—	—	0	—	4
Pipeline	—	—	—	—	—	—
Reformulated (Other)	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional	2,764	3,848	7,792	1,083	2,014	17,501
Refinery	28	836	3,393	719	699	5,675
Bulk Terminal	766	965	3,967	164	1,279	7,141
Pipeline	1,970	2,047	432	200	36	4,685
Conventional (Blended with Fuel Ethanol)	—	242	—	57	38	337
Refinery	—	—	—	54	—	54
Bulk Terminal	—	242	—	3	38	283
Pipeline	—	—	—	—	—	—
Ed55 and Lower	—	242	—	57	—	299
Refinery	—	—	—	54	—	54
Bulk Terminal	—	242	—	3	—	245
Pipeline	—	—	—	—	—	—
Greater than Ed55	—	0	—	—	38	38
Refinery	—	—	—	—	—	—
Bulk Terminal	—	0	—	—	38	38
Pipeline	—	—	—	—	—	—
Conventional (Other)	2,764	3,606	7,792	1,026	1,976	17,164
Refinery	28	836	3,393	665	699	5,621
Bulk Terminal	766	723	3,967	161	1,241	6,858
Pipeline	1,970	2,047	432	200	36	4,685

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, June 2023
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Finished Aviation Gasoline	124	137	399	10	279	949
Refinery	—	36	269	10	182	497
Bulk Terminal	124	101	130	—	97	452
Pipeline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	11,821	7,350	13,564	754	8,927	42,416
Refinery	480	2,264	5,611	262	3,317	11,934
Bulk Terminal	6,257	3,563	3,524	326	4,906	18,576
Pipeline	5,084	1,523	4,429	166	704	11,906
Kerosene	545	153	597	—	9	1,304
Refinery	62	128	106	—	3	299
Bulk Terminal	468	25	485	—	6	984
Pipeline	15	—	6	—	—	21
Distillate Fuel Oil²	27,023	28,094	41,367	4,066	11,444	111,994
Refinery	1,263	6,566	14,828	1,741	4,882	29,280
Bulk Terminal	18,322	14,047	15,091	1,694	5,398	54,552
Pipeline	7,438	7,481	11,448	631	1,164	28,162
15 ppm sulfur and Under	25,727	27,252	35,280	3,796	10,647	102,702
Refinery	905	5,980	12,374	1,541	4,292	25,092
Bulk Terminal	17,397	14,005	11,940	1,624	5,219	50,185
Pipeline	7,425	7,267	10,966	631	1,136	27,425
Greater than 15 ppm to 500 ppm sulfur	512	283	1,235	203	254	2,487
Refinery	70	66	708	133	253	1,230
Bulk Terminal	442	26	416	70	1	955
Pipeline	—	191	111	—	—	302
Greater than 500 ppm sulfur	784	559	4,852	67	543	6,805
Refinery	288	520	1,746	67	337	2,958
Bulk Terminal	483	16	2,735	—	178	3,412
Pipeline	13	23	371	—	28	435
Residual Fuel Oil	6,693	1,063	18,531	222	3,964	30,473
Refinery	364	844	3,534	222	1,766	6,730
Bulk Terminal	6,329	219	14,997	—	2,198	23,743
Pipeline	—	—	—	—	—	—
Less than 0.31% Sulfur	707	114	1,340	20	994	3,175
Refinery	17	105	52	20	24	218
Bulk Terminal	690	9	1,288	—	970	2,957
0.31% to 1.00% Sulfur	1,609	271	5,205	9	544	7,638
Refinery	127	200	802	9	308	1,446
Bulk Terminal	1,482	71	4,403	—	236	6,192
Greater than 1.00% Percent Sulfur	4,377	678	11,986	193	2,426	19,660
Refinery	220	539	2,680	193	1,434	5,066
Bulk Terminal	4,157	139	9,306	—	992	14,594
Petrochemical Feedstocks	4	566	2,136	—	—	2,706
Refinery	4	566	2,136	—	—	2,706
Naphtha for Petrochemical Feedstock Use	—	452	1,464	—	—	1,916
Other Oils for Petrochemical Feedstock Use	4	114	672	—	—	790
Special Naphthas	46	177	719	—	50	992
Refinery	22	84	711	—	50	867
Bulk Terminal	24	93	8	—	—	125
Lubricants	1,341	809	8,758	—	1,026	11,934
Refinery	773	228	4,900	—	809	6,710
Bulk Terminal	568	581	3,858	—	217	5,224
Waxes	365	71	269	—	—	705
Refinery	365	71	269	—	—	705
Petroleum Coke	—	2,299	3,186	104	899	6,488
Refinery	—	2,299	3,186	104	899	6,488
Asphalt and Road Oil	7,819	13,756	5,104	2,725	2,669	32,073
Refinery	625	4,906	1,688	949	849	9,017
Bulk Terminal	7,194	8,850	3,416	1,776	1,820	23,056
Miscellaneous Products	51	194	736	24	61	1,066
Refinery	51	79	463	24	55	672
Bulk Terminal	—	115	273	—	6	394
Pipeline	—	—	—	—	—	—
Total Stocks, All Oils	141,499	299,383	980,863	51,385	137,104	1,610,234

-- = Not Applicable.

- = No Data Reported.

1 Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.

2 Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

3 Includes stocks held at biofuel production facilities.

Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report."

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, July 2023
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil	7,796	118,771	591,983	24,055	44,796	787,401
Refinery	6,391	13,569	45,462	2,509	17,890	85,821
Tank Farms and Pipelines (Includes Cushing, OK)	1,405	105,202	199,067	21,546	23,557	350,777
Cushing, Oklahoma	--	33,962	--	--	--	33,962
Leases	--	--	--	--	--	--
Strategic Petroleum Reserve ¹	--	--	347,454	--	--	347,454
Alaskan In Transit	--	--	--	--	3,349	3,349
Total Stocks, All Oils (excluding Crude Oil)²	137,662	186,162	391,388	26,831	87,941	829,985
Refinery	11,901	49,480	117,188	10,344	45,689	234,602
Bulk Terminal	97,788	98,339	213,546	9,882	37,070	456,626
Pipeline	27,720	36,518	58,248	6,422	4,757	133,665
Natural Gas Processing Plant	253	1,825	2,406	183	425	5,092
Natural Gas Liquids	10,801	57,017	160,081	8,497	4,708	241,103
Refinery	367	3,716	5,114	375	1,180	10,752
Bulk Terminal	7,871	34,070	129,604	3,523	3,103	178,170
Pipeline	2,310	17,406	22,957	4,416	--	47,089
Natural Gas Processing Plant	253	1,825	2,406	183	425	5,092
Ethane	1,015	6,527	39,561	1,212	--	48,315
Refinery	--	--	13	--	--	13
Bulk Terminal	455	2,837	31,294	--	--	34,586
Pipeline	560	3,513	8,224	1,207	--	13,504
Natural Gas Processing Plant	--	177	30	5	--	212
Propane	7,182	23,027	51,524	2,880	2,063	86,676
Refinery	74	991	454	54	92	1,665
Bulk Terminal	5,527	17,441	44,305	1,233	1,862	70,368
Pipeline	1,458	3,670	6,609	1,509	--	13,246
Natural Gas Processing Plant	123	925	156	84	109	1,397
Normal Butane	2,052	15,350	43,766	3,181	2,194	66,543
Refinery	190	1,936	3,435	225	695	6,481
Bulk Terminal	1,616	11,673	36,308	2,286	1,239	53,122
Pipeline	203	1,397	2,950	637	--	5,187
Natural Gas Processing Plant	43	344	1,073	33	260	1,753
Isobutane	170	1,801	9,981	393	414	12,759
Refinery	103	506	927	67	390	1,993
Bulk Terminal	--	547	7,278	--	--	7,825
Pipeline	44	633	1,330	309	--	2,316
Natural Gas Processing Plant	23	115	446	17	24	625
Natural Gasoline	382	10,312	15,249	831	37	26,810
Refinery	--	283	285	29	3	600
Bulk Terminal	273	1,572	10,419	4	2	12,269
Pipeline	45	8,193	3,844	754	--	12,836
Natural Gas Processing Plant	64	264	701	44	32	1,105
Refinery Olefins	58	352	1,129	69	221	1,829
Refinery	58	352	1,129	69	221	1,829
Ethylene	0	0	0	0	0	0
Refinery	--	--	0	--	--	0
Propylene	53	316	838	3	23	1,233
Refinery	53	316	838	3	23	1,233
Normal Butylene	1	36	291	66	198	592
Refinery	1	36	291	66	198	592
Isobutylene	4	0	0	0	0	4
Refinery	4	0	0	0	0	4
Other Hydrocarbons	--	11	--	--	--	11
Refinery	--	11	--	--	--	11
Biofuels (Including Fuel Ethanol)²	8,516	10,538	5,728	681	5,621	31,085
Refinery	217	128	1,247	108	983	2,683
Bulk Terminal	8,299	10,410	4,481	573	4,638	28,402
Pipeline	--	--	--	--	--	--
Fuel Ethanol	7,101	9,192	3,973	357	2,433	23,057
Refinery	207	107	1,138	98	145	1,695
Bulk Terminal	6,894	9,085	2,835	259	2,288	21,362
Pipeline	--	--	--	--	--	--
Biodiesel	1,368	1,203	639	23	519	3,753
Refinery	10	21	109	10	7	157
Bulk Terminal	1,358	1,182	530	13	512	3,596
Pipeline	--	--	--	--	--	--
Renewable Diesel Fuel	47	119	1,031	260	2,614	4,071
Refinery	--	--	--	--	831	831
Bulk Terminal	47	119	1,031	260	1,783	3,240
Pipeline	--	--	--	--	--	--
Other Biofuels³	--	23	84	41	56	204
Refinery	--	--	--	--	--	--
Bulk Terminal	--	23	84	41	56	204
Pipeline	--	--	--	--	--	--

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, July 2023
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Unfinished Oils	3,719	13,763	47,791	2,952	18,918	87,143
Naphthas and Lighter	855	3,301	11,715	605	2,662	19,138
Refinery	855	3,216	10,950	605	2,513	18,139
Bulk Terminal	—	85	765	—	149	999
Kerosene and Light Gas Oils	379	2,825	8,494	706	3,509	15,913
Refinery	379	2,825	6,684	706	3,509	14,103
Bulk Terminal	—	—	1,810	—	0	1,810
Heavy Gas Oils	1,978	5,375	20,580	1,210	9,951	39,094
Refinery	1,903	5,103	19,090	1,210	8,854	36,160
Bulk Terminal	75	272	1,490	—	1,097	2,934
Residuum	507	2,262	7,002	431	2,796	12,998
Refinery	507	2,262	6,939	431	2,796	12,935
Bulk Terminal	—	—	63	—	—	63
Motor Gasoline Blending Components²	54,360	42,860	75,607	6,108	26,798	205,733
Refinery	3,192	13,471	26,071	2,761	12,260	57,755
Bulk Terminal	39,692	21,212	32,218	2,237	11,752	107,111
Pipeline	11,476	8,177	17,318	1,110	2,786	40,867
Reformulated - RBOB	20,065	5,344	11,182	—	13,404	49,996
Refinery	1,092	1,017	1,690	—	4,667	8,466
Bulk Terminal	14,224	3,357	4,481	—	7,250	29,313
Pipeline	4,749	970	5,011	—	1,487	12,217
Conventional	34,295	37,516	64,425	6,108	13,393	155,737
Refinery	2,100	12,454	24,381	2,761	7,593	49,289
Bulk Terminal	25,468	17,855	27,737	2,237	4,501	77,798
Pipeline	6,727	7,207	12,307	1,110	1,299	28,650
CBOB	26,164	30,524	34,940	4,768	7,480	103,876
Refinery	349	6,450	11,103	1,423	2,129	21,454
Bulk Terminal	19,274	16,978	11,889	2,235	4,059	54,435
Pipeline	6,541	7,096	11,948	1,110	1,292	27,987
GTAB	1,017	—	78	—	—	1,095
Refinery	—	—	—	—	—	—
Bulk Terminal	1,017	—	78	—	—	1,095
Pipeline	—	—	—	—	—	—
Other	7,114	6,992	29,407	1,340	5,913	50,766
Refinery	1,751	6,004	13,278	1,338	5,464	27,835
Bulk Terminal	5,177	877	15,770	2	442	22,268
Pipeline	186	111	359	—	7	663
Aviation Gasoline Blending Components	—	—	19	—	—	19
Refinery	—	—	19	—	—	19
Bulk Terminal	—	—	—	—	—	—
Finished Motor Gasoline	2,525	3,855	6,086	1,089	1,587	15,142
Refinery	56	737	2,816	776	510	4,895
Bulk Terminal	673	1,075	2,933	166	1,046	5,893
Pipeline	1,796	2,043	337	147	31	4,354
Reformulated	3	—	—	—	16	19
Refinery	—	—	—	—	16	16
Bulk Terminal	3	—	—	—	—	3
Pipeline	—	—	—	—	—	—
Reformulated (Blended with Fuel Ethanol)	3	—	—	—	16	19
Refinery	—	—	—	—	16	16
Bulk Terminal	3	—	—	—	—	3
Pipeline	—	—	—	—	—	—
Reformulated (Other)	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional	2,522	3,855	6,086	1,089	1,571	15,123
Refinery	56	737	2,816	776	494	4,879
Bulk Terminal	670	1,075	2,933	166	1,046	5,890
Pipeline	1,796	2,043	337	147	31	4,354
Conventional (Blended with Fuel Ethanol)	—	223	—	76	35	334
Refinery	—	—	—	74	—	74
Bulk Terminal	—	223	—	2	35	260
Pipeline	—	—	—	—	—	—
Ed55 and Lower	—	223	—	76	—	299
Refinery	—	—	—	74	—	74
Bulk Terminal	—	223	—	2	—	225
Pipeline	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	35	35
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	35	35
Pipeline	—	—	—	—	—	—
Conventional (Other)	2,522	3,632	6,086	1,013	1,536	14,789
Refinery	56	737	2,816	702	494	4,805
Bulk Terminal	670	852	2,933	164	1,011	5,630
Pipeline	1,796	2,043	337	147	31	4,354

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, July 2023
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Finished Aviation Gasoline	141	151	441	10	224	967
Refinery	—	54	321	10	138	523
Bulk Terminal	141	97	120	—	86	444
Pipeline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	11,509	7,117	13,558	764	9,633	42,581
Refinery	530	2,046	5,688	281	3,272	11,817
Bulk Terminal	6,073	3,150	3,019	358	5,470	18,070
Pipeline	4,906	1,921	4,851	125	891	12,694
Kerosene	645	191	596	—	8	1,440
Refinery	96	167	45	—	3	311
Bulk Terminal	534	24	540	—	5	1,103
Pipeline	15	—	11	—	—	26
Distillate Fuel Oil²	29,931	31,642	43,278	3,827	11,109	119,786
Refinery	1,634	5,831	14,358	1,700	4,696	28,219
Bulk Terminal	21,080	18,840	16,146	1,503	5,364	62,932
Pipeline	7,217	6,971	12,774	624	1,049	28,635
15 ppm sulfur and Under	28,575	31,055	36,944	3,629	10,424	110,626
Refinery	1,203	5,466	12,036	1,562	4,213	24,480
Bulk Terminal	20,197	18,765	12,493	1,443	5,229	58,126
Pipeline	7,175	6,824	12,415	624	982	28,200
Greater than 15 ppm to 500 ppm sulfur	534	206	1,051	150	148	2,089
Refinery	98	29	373	90	146	736
Bulk Terminal	436	56	510	60	2	1,064
Pipeline	—	121	168	—	—	289
Greater than 500 ppm sulfur	822	381	5,283	48	537	7,071
Refinery	333	336	1,949	48	337	3,003
Bulk Terminal	447	19	3,143	—	133	3,742
Pipeline	42	26	191	—	67	326
Residual Fuel Oil	6,091	1,215	16,450	213	4,540	28,509
Refinery	322	930	3,497	213	2,090	7,052
Bulk Terminal	5,769	285	12,953	—	2,450	21,457
Pipeline	—	—	—	—	—	—
Less than 0.31% Sulfur	620	173	888	27	1,067	2,775
Refinery	19	161	50	27	18	275
Bulk Terminal	601	12	838	—	1,049	2,500
0.31% to 1.00% Sulfur	1,493	299	4,267	5	570	6,634
Refinery	127	154	803	5	277	1,366
Bulk Terminal	1,366	145	3,464	—	293	5,268
Greater than 1.00% Percent Sulfur	3,978	743	11,295	181	2,903	19,100
Refinery	176	615	2,644	181	1,795	5,411
Bulk Terminal	3,802	128	8,651	—	1,108	13,689
Petrochemical Feedstocks	5	549	2,033	—	—	2,587
Refinery	5	549	2,033	—	—	2,587
Naphtha for Petrochemical Feedstock Use	—	421	1,456	—	—	1,877
Other Oils for Petrochemical Feedstock Use	5	128	577	—	—	710
Special Naphthas	46	202	807	—	42	1,097
Refinery	25	100	796	—	42	963
Bulk Terminal	21	102	11	—	—	134
Lubricants	1,366	813	8,533	—	820	11,532
Refinery	723	271	4,799	—	602	6,395
Bulk Terminal	643	542	3,734	—	218	5,137
Waxes	351	52	283	—	—	686
Refinery	351	52	283	—	—	686
Petroleum Coke	—	3,097	2,946	152	1,067	7,262
Refinery	—	3,097	2,946	152	1,067	7,262
Asphalt and Road Oil	7,541	12,526	5,330	2,446	2,579	30,422
Refinery	624	4,458	1,861	924	892	8,759
Bulk Terminal	6,917	8,068	3,469	1,522	1,687	21,663
Miscellaneous Products	57	211	692	23	67	1,050
Refinery	57	104	502	23	61	747
Bulk Terminal	—	107	190	—	6	303
Pipeline	—	—	—	—	—	—
Total Stocks, All Oils	145,458	304,933	983,371	50,886	132,737	1,617,386

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.

² Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

³ Includes stocks held at biofuel production facilities.

⁴ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report."

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, August 2023
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil	6,905	109,216	582,019	23,585	45,906	767,631
Refinery	5,456	12,665	45,371	2,582	20,969	87,043
Tank Farms and Pipelines (Includes Cushing, OK)	1,449	96,551	186,318	21,003	22,069	327,390
Cushing, Oklahoma	--	27,014	--	--	--	27,014
Leases	--	--	--	--	--	--
Strategic Petroleum Reserve ¹	--	--	350,330	--	--	350,330
Alaskan In Transit	--	--	--	--	2,868	2,868
Total Stocks, All Oils (excluding Crude Oil)²	135,614	190,508	401,403	26,842	86,889	841,257
Refinery	11,233	50,308	115,561	10,435	46,273	233,810
Bulk Terminal	95,372	101,801	226,961	9,857	36,262	470,254
Pipeline	28,753	36,674	56,829	6,370	3,947	132,573
Natural Gas Processing Plant	256	1,725	2,052	180	407	4,620
Natural Gas Liquids	12,507	63,222	174,596	9,256	5,624	265,205
Refinery	482	3,869	6,036	365	1,395	12,147
Bulk Terminal	9,385	39,943	143,822	4,301	3,822	201,273
Pipeline	2,384	17,685	22,686	4,410	--	47,165
Natural Gas Processing Plant	256	1,725	2,052	180	407	4,620
Ethane	1,109	6,572	42,098	1,263	--	51,042
Refinery	--	--	16	--	--	16
Bulk Terminal	549	2,734	33,533	--	--	36,816
Pipeline	560	3,655	8,514	1,259	--	13,988
Natural Gas Processing Plant	--	183	35	4	--	222
Propane	8,490	26,176	56,207	3,050	2,436	96,359
Refinery	92	898	894	30	86	2,000
Bulk Terminal	6,719	21,103	49,012	1,455	2,257	80,546
Pipeline	1,535	3,381	6,169	1,492	--	12,577
Natural Gas Processing Plant	144	794	132	73	93	1,236
Normal Butane	2,403	18,142	50,477	3,692	2,723	77,437
Refinery	321	2,263	4,050	198	899	7,731
Bulk Terminal	1,846	13,856	42,243	2,833	1,563	62,341
Pipeline	200	1,661	3,020	628	--	5,509
Natural Gas Processing Plant	36	362	1,164	33	261	1,856
Isobutane	130	1,875	10,013	418	432	12,868
Refinery	69	432	867	96	407	1,871
Bulk Terminal	--	566	7,535	--	--	8,101
Pipeline	44	761	1,452	305	--	2,562
Natural Gas Processing Plant	17	116	159	17	25	334
Natural Gasoline	375	10,457	15,801	833	33	27,499
Refinery	--	276	209	41	3	529
Bulk Terminal	271	1,684	11,499	13	2	13,469
Pipeline	45	8,227	3,531	726	--	12,529
Natural Gas Processing Plant	59	270	562	53	28	972
Refinery Olefins	154	533	872	103	126	1,788
Refinery	154	533	872	103	126	1,788
Ethylene	--	--	0	--	--	0
Refinery	--	--	0	--	--	0
Propylene	112	453	618	3	13	1,199
Refinery	112	453	618	3	13	1,199
Normal Butylene	0	80	254	100	113	547
Refinery	0	80	254	100	113	547
Isobutylene	42	0	0	0	0	42
Refinery	42	0	0	0	0	42
Other Hydrocarbons	--	14	--	--	--	14
Refinery	--	14	--	--	--	14
Biofuels (Including Fuel Ethanol)²	7,861	9,306	5,842	601	6,199	29,809
Refinery	148	113	1,212	99	946	2,518
Bulk Terminal	7,713	9,193	4,630	498	5,253	27,287
Pipeline	--	--	--	4	--	4
Fuel Ethanol	6,569	8,182	3,980	351	2,717	21,800
Refinery	140	96	1,113	91	171	1,611
Bulk Terminal	6,429	8,086	2,867	256	2,546	20,185
Pipeline	--	--	--	4	--	4
Biodiesel	1,241	971	747	13	651	3,622
Refinery	8	17	99	8	9	141
Bulk Terminal	1,233	954	648	5	642	3,481
Pipeline	--	--	--	--	--	--
Renewable Diesel Fuel	51	124	968	209	2,721	4,074
Refinery	--	--	--	--	766	766
Bulk Terminal	51	124	968	209	1,955	3,308
Pipeline	--	--	--	--	--	--
Other Biofuels³	--	29	147	27	110	313
Refinery	--	--	--	--	--	--
Bulk Terminal	--	29	147	27	110	313
Pipeline	--	--	--	--	--	--

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, August 2023
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Unfinished Oils	3,355	14,213	46,448	2,988	19,350	86,354
Naphthas and Lighter	761	3,333	11,149	634	3,041	18,918
Refinery	761	3,241	10,110	634	2,876	17,622
Bulk Terminal	—	92	1,039	—	165	1,296
Kerosene and Light Gas Oils	371	2,630	9,137	781	3,033	15,952
Refinery	371	2,630	6,685	781	3,033	13,500
Bulk Terminal	—	—	2,452	—	0	2,452
Heavy Gas Oils	1,766	5,790	20,165	1,109	9,904	38,734
Refinery	1,673	5,538	19,006	1,109	8,659	35,985
Bulk Terminal	93	252	1,159	—	1,245	2,749
Residuum	457	2,460	5,997	464	3,372	12,750
Refinery	457	2,460	5,885	464	3,372	12,638
Bulk Terminal	—	—	112	—	—	112
Motor Gasoline Blending Components²	54,077	41,660	75,809	6,264	25,139	202,948
Refinery	2,946	12,554	26,141	3,095	12,415	57,151
Bulk Terminal	38,382	21,312	32,675	2,163	10,549	105,080
Pipeline	12,749	7,794	16,993	1,006	2,175	40,717
Reformulated - RBOB	18,053	4,719	9,249	—	11,881	43,903
Refinery	809	915	1,341	—	4,635	7,700
Bulk Terminal	13,578	2,905	3,917	—	6,046	26,447
Pipeline	3,666	899	3,991	—	1,200	9,756
Conventional	36,024	36,940	66,560	6,264	13,257	159,045
Refinery	2,137	11,639	24,800	3,095	7,780	49,451
Bulk Terminal	24,804	18,406	28,758	2,163	4,502	78,633
Pipeline	9,083	6,895	13,002	1,006	975	30,961
CBOB	27,184	30,090	35,901	4,782	7,348	105,305
Refinery	425	5,819	11,036	1,615	2,369	21,264
Bulk Terminal	17,892	17,479	12,258	2,161	4,016	53,806
Pipeline	8,867	6,792	12,607	1,006	963	30,235
GTAB	834	—	62	—	—	896
Refinery	—	—	—	—	—	—
Bulk Terminal	834	—	62	—	—	896
Pipeline	—	—	—	—	—	—
Other	8,006	6,850	30,597	1,482	5,909	52,844
Refinery	1,712	5,820	13,764	1,480	5,411	28,187
Bulk Terminal	6,078	927	16,438	2	486	23,931
Pipeline	216	103	395	—	12	726
Aviation Gasoline Blending Components	—	—	19	—	—	19
Refinery	—	—	19	—	—	19
Bulk Terminal	—	—	—	—	—	—
Finished Motor Gasoline	3,365	3,669	6,082	931	2,158	16,205
Refinery	24	855	2,304	626	891	4,700
Bulk Terminal	1,057	982	3,391	153	1,255	6,833
Pipeline	2,284	1,832	387	152	12	4,667
Reformulated	5	—	—	—	10	15
Refinery	—	—	—	—	10	10
Bulk Terminal	5	—	—	—	—	5
Pipeline	—	—	—	—	—	—
Reformulated (Blended with Fuel Ethanol)	5	—	—	—	10	15
Refinery	—	—	—	—	10	10
Bulk Terminal	5	—	—	—	—	5
Pipeline	—	—	—	—	—	—
Reformulated (Other)	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional	3,360	3,669	6,082	931	2,148	16,190
Refinery	24	855	2,304	626	881	4,690
Bulk Terminal	1,052	982	3,391	153	1,255	6,833
Pipeline	2,284	1,832	387	152	12	4,667
Conventional (Blended with Fuel Ethanol)	—	149	—	76	11	236
Refinery	—	—	—	74	—	74
Bulk Terminal	—	149	—	2	11	162
Pipeline	—	—	—	—	—	—
Ed55 and Lower	—	149	—	76	—	225
Refinery	—	—	—	74	—	74
Bulk Terminal	—	149	—	2	—	151
Pipeline	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	11	11
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	11	11
Pipeline	—	—	—	—	—	—
Conventional (Other)	3,360	3,520	6,082	855	2,137	15,954
Refinery	24	855	2,304	552	881	4,616
Bulk Terminal	1,052	833	3,391	151	1,244	6,671
Pipeline	2,284	1,832	387	152	12	4,667

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, August 2023
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Finished Aviation Gasoline	150	111	449	10	235	955
Refinery	—	22	329	10	127	488
Bulk Terminal	150	89	120	—	108	467
Pipeline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	12,208	7,466	12,920	894	9,124	42,612
Refinery	511	2,020	5,471	347	3,119	11,468
Bulk Terminal	6,145	3,702	3,140	378	5,319	18,684
Pipeline	5,552	1,744	4,309	169	686	12,460
Kerosene	516	181	774	2	7	1,480
Refinery	112	158	72	2	3	347
Bulk Terminal	388	23	496	—	4	911
Pipeline	16	—	206	—	—	222
Distillate Fuel Oil²	28,039	32,575	41,881	3,367	10,589	116,450
Refinery	1,619	6,753	14,562	1,519	4,709	29,162
Bulk Terminal	20,652	18,203	15,071	1,219	4,806	59,950
Pipeline	5,768	7,619	12,248	629	1,074	27,338
15 ppm sulfur and Under	26,495	31,906	35,826	3,166	9,818	107,210
Refinery	1,171	6,320	11,980	1,364	4,149	24,984
Bulk Terminal	19,712	18,171	11,949	1,173	4,659	55,663
Pipeline	5,612	7,415	11,897	629	1,010	26,563
Greater than 15 ppm to 500 ppm sulfur	568	340	993	138	266	2,305
Refinery	107	145	594	92	244	1,182
Bulk Terminal	461	16	343	46	1	867
Pipeline	—	179	56	—	21	256
Greater than 500 ppm sulfur	976	329	5,062	63	505	6,935
Refinery	341	288	1,988	63	316	2,996
Bulk Terminal	479	16	2,779	—	146	3,420
Pipeline	156	25	295	—	43	519
Residual Fuel Oil	4,890	1,447	15,267	196	4,172	25,972
Refinery	272	989	3,358	196	2,166	6,981
Bulk Terminal	4,618	458	11,909	—	2,006	18,991
Pipeline	—	—	—	—	—	—
Less than 0.31% Sulfur	587	236	934	21	755	2,533
Refinery	14	228	58	21	18	339
Bulk Terminal	573	8	876	—	737	2,194
0.31% to 1.00% Sulfur	1,464	528	3,588	5	645	6,230
Refinery	136	175	720	5	365	1,401
Bulk Terminal	1,328	353	2,868	—	280	4,829
Greater than 1.00% Percent Sulfur	2,839	683	10,745	170	2,772	17,209
Refinery	122	586	2,580	170	1,783	5,241
Bulk Terminal	2,717	97	8,165	—	989	11,968
Petrochemical Feedstocks	8	610	2,236	—	—	2,854
Refinery	8	610	2,236	—	—	2,854
Naphtha for Petrochemical Feedstock Use	—	495	1,549	—	—	2,044
Other Oils for Petrochemical Feedstock Use	8	115	687	—	—	810
Special Naphthas	48	193	811	—	51	1,103
Refinery	28	102	800	—	51	981
Bulk Terminal	20	91	11	—	—	122
Lubricants	1,437	782	8,850	—	874	11,943
Refinery	829	266	5,242	—	664	7,001
Bulk Terminal	608	516	3,608	—	210	4,942
Waxes	320	62	280	—	—	662
Refinery	320	62	280	—	—	662
Petroleum Coke	—	2,668	2,599	125	958	6,350
Refinery	—	2,668	2,599	125	958	6,350
Asphalt and Road Oil	6,616	11,587	4,840	2,087	2,229	27,359
Refinery	455	4,748	1,818	941	715	8,677
Bulk Terminal	6,161	6,839	3,022	1,146	1,514	18,682
Miscellaneous Products	63	210	828	19	54	1,174
Refinery	63	103	524	19	48	757
Bulk Terminal	—	107	304	—	6	417
Pipeline	—	—	—	—	—	—
Total Stocks, All Oils	142,519	299,724	983,422	50,427	132,795	1,608,888

-- = Not Applicable.

- = No Data Reported.

1 Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.

2 Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report."

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, September 2023
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil	7,540	104,432	589,125	24,045	43,997	769,139
Refinery	6,133	12,954	46,694	2,577	18,357	86,715
Tank Farms and Pipelines (Includes Cushing, OK)	1,407	91,478	191,157	21,468	24,700	330,210
Cushing, Oklahoma	--	21,606	--	--	--	21,606
Leases	--	--	--	--	--	--
Strategic Petroleum Reserve ¹	--	--	351,274	--	--	351,274
Alaskan In Transit	--	--	--	--	940	940
Total Stocks, All Oils (excluding Crude Oil)²	136,482	189,616	420,526	26,948	90,990	864,562
Refinery	12,660	49,898	121,819	10,612	48,182	243,171
Bulk Terminal	95,655	101,157	237,717	9,719	37,809	482,057
Pipeline	27,931	36,859	58,642	6,428	4,573	134,433
Natural Gas Processing Plant	236	1,702	2,348	189	426	4,901
Natural Gas Liquids	11,614	64,542	183,914	9,421	5,885	275,376
Refinery	289	3,924	6,525	331	1,524	12,593
Bulk Terminal	8,861	41,348	152,373	4,480	3,935	210,997
Pipeline	2,228	17,568	22,668	4,421	--	46,885
Natural Gas Processing Plant	236	1,702	2,348	189	426	4,901
Ethane	895	6,113	48,877	1,412	--	57,297
Refinery	--	--	18	--	--	18
Bulk Terminal	232	2,212	39,870	--	--	42,314
Pipeline	663	3,712	8,905	1,408	--	14,688
Natural Gas Processing Plant	--	189	84	4	--	277
Propane	8,470	28,001	59,131	3,146	2,656	101,404
Refinery	82	1,098	1,198	29	83	2,490
Bulk Terminal	7,002	22,711	51,760	1,571	2,481	85,525
Pipeline	1,268	3,330	6,045	1,464	--	12,107
Natural Gas Processing Plant	118	862	128	82	92	1,282
Normal Butane	1,791	18,374	49,848	3,710	2,816	76,539
Refinery	156	2,110	4,254	173	1,089	7,782
Bulk Terminal	1,385	14,363	41,420	2,895	1,451	61,514
Pipeline	209	1,660	2,976	608	--	5,453
Natural Gas Processing Plant	41	241	1,198	34	276	1,790
Isobutane	110	2,296	9,677	420	382	12,885
Refinery	51	424	816	116	350	1,757
Bulk Terminal	--	746	7,322	--	--	8,068
Pipeline	44	1,023	1,245	287	--	2,599
Natural Gas Processing Plant	15	103	294	17	32	461
Natural Gasoline	348	9,758	16,381	733	31	27,251
Refinery	--	292	239	13	2	546
Bulk Terminal	242	1,316	12,001	14	3	13,576
Pipeline	44	7,843	3,497	654	--	12,038
Natural Gas Processing Plant	62	307	644	52	26	1,091
Refinery Olefins	209	515	826	136	149	1,835
Refinery	209	515	826	136	149	1,835
Ethylene	--	--	0	--	--	0
Refinery	--	--	0	--	--	0
Propylene	108	450	646	3	11	1,218
Refinery	108	450	646	3	11	1,218
Normal Butylene	97	65	180	133	138	613
Refinery	97	65	180	133	138	613
Isobutylene	4	0	0	0	0	4
Refinery	4	0	0	0	0	4
Other Hydrocarbons	--	16	--	--	--	16
Refinery	--	16	--	--	--	16
Biofuels (Including Fuel Ethanol)²	8,013	9,772	5,743	563	6,214	30,306
Refinery	241	119	1,189	113	1,205	2,867
Bulk Terminal	7,733	9,653	4,554	450	5,009	27,400
Pipeline	39	--	--	--	--	39
Fuel Ethanol	6,568	8,788	3,728	353	2,724	22,159
Refinery	233	95	1,095	105	208	1,736
Bulk Terminal	6,296	8,693	2,633	248	2,516	20,384
Pipeline	39	--	--	--	--	39
Biodiesel	1,396	844	711	12	666	3,629
Refinery	8	24	94	8	7	141
Bulk Terminal	1,388	820	617	4	659	3,488
Pipeline	--	--	--	--	--	--
Renewable Diesel Fuel	50	107	1,191	170	2,726	4,244
Refinery	--	--	--	--	983	983
Bulk Terminal	50	107	1,191	170	1,743	3,261
Pipeline	--	--	--	--	--	--
Other Biofuels³	--	34	114	28	98	274
Refinery	--	--	--	--	7	7
Bulk Terminal	--	34	114	28	91	267
Pipeline	--	--	--	--	--	--

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, September 2023
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Unfinished Oils	3,640	13,845	48,883	2,878	19,184	88,430
Naphthas and Lighter	885	3,229	11,777	546	2,725	19,162
Refinery	885	3,185	10,799	546	2,602	18,017
Bulk Terminal	—	44	978	—	123	1,145
Kerosene and Light Gas Oils	245	2,633	9,312	717	3,423	16,330
Refinery	245	2,633	7,226	717	3,420	14,241
Bulk Terminal	—	—	2,086	—	3	2,089
Heavy Gas Oils	2,118	5,929	21,371	1,117	10,016	40,551
Refinery	2,080	5,641	19,698	1,117	8,558	37,094
Bulk Terminal	38	288	1,673	—	1,458	3,457
Residuum	392	2,054	6,423	498	3,020	12,387
Refinery	392	2,054	6,352	498	3,020	12,316
Bulk Terminal	—	—	71	—	—	71
Motor Gasoline Blending Components²	56,080	42,871	79,157	6,286	27,679	212,073
Refinery	3,709	13,341	27,171	3,116	13,904	61,241
Bulk Terminal	40,782	21,074	32,987	2,041	11,165	108,049
Pipeline	11,589	8,456	18,999	1,129	2,610	42,783
Reformulated - RBOB	19,642	4,384	10,104	461	13,131	47,723
Refinery	1,496	817	1,637	—	5,242	9,192
Bulk Terminal	14,284	3,024	4,041	383	6,466	28,199
Pipeline	3,862	543	4,426	78	1,423	10,332
Conventional	36,438	38,487	69,053	5,825	14,547	164,350
Refinery	2,213	12,524	25,534	3,116	8,662	52,049
Bulk Terminal	26,498	18,050	28,946	1,658	4,698	79,850
Pipeline	7,727	7,913	14,573	1,051	1,187	32,451
CBOB	26,980	30,917	39,454	4,303	7,704	109,358
Refinery	288	6,422	11,520	1,596	2,267	22,093
Bulk Terminal	19,010	17,064	13,934	1,656	4,293	55,957
Pipeline	7,682	7,431	14,000	1,051	1,144	31,308
GTAB	1,299	—	62	—	—	1,361
Refinery	—	—	—	—	—	—
Bulk Terminal	1,299	—	62	—	—	1,361
Pipeline	—	—	—	—	—	—
Other	8,159	7,570	29,537	1,522	6,843	53,631
Refinery	1,925	6,102	14,014	1,520	6,395	29,956
Bulk Terminal	6,189	986	14,950	2	405	22,532
Pipeline	45	482	573	—	43	1,143
Aviation Gasoline Blending Components	—	—	27	—	—	27
Refinery	—	—	27	—	—	27
Bulk Terminal	—	—	—	—	—	—
Finished Motor Gasoline	2,711	3,694	6,319	878	2,210	15,812
Refinery	43	928	2,693	595	727	4,986
Bulk Terminal	928	890	3,328	154	1,453	6,749
Pipeline	1,740	1,876	298	129	30	4,073
Reformulated	4	—	—	—	16	20
Refinery	—	—	—	—	16	16
Bulk Terminal	4	—	—	—	—	4
Pipeline	—	—	—	—	—	—
Reformulated (Blended with Fuel Ethanol)	4	—	—	—	16	20
Refinery	—	—	—	—	16	16
Bulk Terminal	4	—	—	—	—	4
Pipeline	—	—	—	—	—	—
Reformulated (Other)	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional	2,707	3,694	6,319	878	2,194	15,792
Refinery	43	928	2,693	595	711	4,970
Bulk Terminal	924	890	3,328	154	1,453	6,749
Pipeline	1,740	1,876	298	129	30	4,073
Conventional (Blended with Fuel Ethanol)	—	200	—	65	8	273
Refinery	—	—	—	63	—	63
Bulk Terminal	—	200	—	2	8	210
Pipeline	—	—	—	—	—	—
Ed55 and Lower	—	200	—	65	—	265
Refinery	—	—	—	63	—	63
Bulk Terminal	—	200	—	2	—	202
Pipeline	—	—	—	—	—	—
Greater than Ed55	—	0	—	—	8	8
Refinery	—	—	—	—	—	—
Bulk Terminal	—	0	—	—	8	8
Pipeline	—	—	—	—	—	—
Conventional (Other)	2,707	3,494	6,319	813	2,186	15,519
Refinery	43	928	2,693	532	711	4,907
Bulk Terminal	924	690	3,328	152	1,445	6,539
Pipeline	1,740	1,876	298	129	30	4,073

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, September 2023
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Finished Aviation Gasoline	179	180	517	8	266	1,150
Refinery	—	17	376	8	159	560
Bulk Terminal	179	163	141	—	107	590
Pipeline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	12,392	7,172	14,054	808	9,036	43,462
Refinery	496	2,083	6,213	318	3,172	12,282
Bulk Terminal	6,129	3,356	3,323	368	4,979	18,155
Pipeline	5,767	1,733	4,518	122	885	13,025
Kerosene	461	230	732	2	5	1,430
Refinery	102	207	106	2	1	418
Bulk Terminal	344	23	617	—	4	988
Pipeline	15	—	9	—	—	24
Distillate Fuel Oil²	27,866	31,087	44,363	3,741	11,785	118,842
Refinery	1,861	6,521	15,414	1,745	4,945	30,486
Bulk Terminal	19,452	17,340	16,799	1,369	5,792	60,752
Pipeline	6,553	7,226	12,150	627	1,048	27,604
15 ppm sulfur and Under	26,560	30,454	38,231	3,522	11,052	109,819
Refinery	1,492	6,177	12,911	1,581	4,418	26,579
Bulk Terminal	18,591	17,288	13,333	1,314	5,657	56,183
Pipeline	6,477	6,989	11,987	627	977	27,057
Greater than 15 ppm to 500 ppm sulfur	508	282	1,135	163	314	2,402
Refinery	102	72	651	108	300	1,233
Bulk Terminal	406	39	400	55	2	902
Pipeline	—	171	84	—	12	267
Greater than 500 ppm sulfur	798	351	4,997	56	419	6,621
Refinery	267	272	1,852	56	227	2,674
Bulk Terminal	455	13	3,066	—	133	3,667
Pipeline	76	66	79	—	59	280
Residual Fuel Oil	5,627	1,319	16,004	225	4,600	27,775
Refinery	320	914	3,404	225	2,408	7,271
Bulk Terminal	5,307	405	12,600	—	2,192	20,504
Pipeline	—	—	—	—	—	—
Less than 0.31% Sulfur	568	249	856	23	806	2,502
Refinery	14	243	30	23	31	341
Bulk Terminal	554	6	826	—	775	2,161
0.31% to 1.00% Sulfur	992	551	3,823	8	575	5,949
Refinery	102	204	681	8	266	1,261
Bulk Terminal	890	347	3,142	—	309	4,688
Greater than 1.00% Percent Sulfur	4,067	519	11,325	194	3,219	19,324
Refinery	204	467	2,693	194	2,111	5,669
Bulk Terminal	3,863	52	8,632	—	1,108	13,655
Petrochemical Feedstocks	6	546	2,180	—	—	2,732
Refinery	6	546	2,180	—	—	2,732
Naphtha for Petrochemical Feedstock Use	—	418	1,491	—	—	1,909
Other Oils for Petrochemical Feedstock Use	6	128	689	—	—	823
Special Naphthas	56	184	860	—	34	1,134
Refinery	37	87	850	—	34	1,008
Bulk Terminal	19	97	10	—	—	126
Lubricants	1,367	727	8,574	—	964	11,632
Refinery	856	244	5,223	—	725	7,048
Bulk Terminal	511	483	3,351	—	239	4,584
Waxes	309	64	242	—	—	615
Refinery	309	64	242	—	—	615
Petroleum Coke	—	2,450	3,210	127	896	6,683
Refinery	—	2,450	3,210	127	896	6,683
Asphalt and Road Oil	5,899	10,195	4,320	1,858	2,023	24,295
Refinery	528	4,309	1,612	1,002	679	8,130
Bulk Terminal	5,371	5,886	2,708	856	1,344	16,165
Miscellaneous Products	52	206	602	16	60	936
Refinery	52	100	483	16	54	705
Bulk Terminal	—	106	119	—	6	231
Pipeline	—	—	—	—	—	—
Total Stocks, All Oils	144,022	294,048	1,009,651	50,993	134,987	1,633,701

-- = Not Applicable.

- = No Data Reported.

1 Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.

2 Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report."

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, October 2023
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil	8,621	105,146	595,213	23,932	44,355	777,267
Refinery	6,562	13,020	50,071	2,471	18,625	90,749
Tank Farms and Pipelines (Includes Cushing, OK)	2,059	92,126	193,868	21,461	23,382	332,896
Cushing, Oklahoma	--	22,976	--	--	--	22,976
Leases	--	--	--	--	--	--
Strategic Petroleum Reserve ¹	--	--	351,274	--	--	351,274
Alaskan In Transit	--	--	--	--	2,348	2,348
Total Stocks, All Oils (excluding Crude Oil)²	128,604	180,544	413,883	26,292	88,317	837,640
Refinery	11,463	48,914	118,672	10,586	45,419	235,054
Bulk Terminal	87,688	93,638	236,484	9,023	37,671	464,504
Pipeline	29,186	36,134	56,435	6,491	4,793	133,039
Natural Gas Processing Plant	267	1,858	2,292	192	434	5,043
Natural Gas Liquids	12,788	62,528	181,701	8,741	5,953	271,711
Refinery	367	3,989	5,662	297	1,510	11,825
Bulk Terminal	9,972	38,697	151,327	3,795	4,009	207,800
Pipeline	2,182	17,984	22,420	4,457	--	47,043
Natural Gas Processing Plant	267	1,858	2,292	192	434	5,043
Ethane	1,022	6,814	56,975	1,374	--	66,185
Refinery	--	--	19	--	--	19
Bulk Terminal	456	2,792	48,176	--	--	51,424
Pipeline	566	3,814	8,668	1,370	--	14,418
Natural Gas Processing Plant	--	208	112	4	--	324
Propane	9,072	27,061	55,793	3,188	2,794	97,908
Refinery	92	1,314	786	32	85	2,309
Bulk Terminal	7,913	21,536	48,581	1,537	2,607	82,174
Pipeline	922	3,350	6,307	1,536	--	12,115
Natural Gas Processing Plant	145	861	119	83	102	1,310
Normal Butane	2,255	15,751	43,752	3,062	2,795	67,615
Refinery	183	1,880	3,774	181	1,128	7,146
Bulk Terminal	1,426	12,117	36,147	2,242	1,399	53,331
Pipeline	606	1,389	2,925	609	--	5,529
Natural Gas Processing Plant	40	365	906	30	268	1,609
Isobutane	157	2,015	9,079	384	331	11,966
Refinery	92	451	952	76	294	1,865
Bulk Terminal	--	602	6,689	--	--	7,291
Pipeline	44	837	1,263	288	--	2,432
Natural Gas Processing Plant	21	125	175	20	37	378
Natural Gasoline	282	10,887	16,102	733	33	28,037
Refinery	--	344	131	8	3	486
Bulk Terminal	177	1,650	11,734	16	3	13,580
Pipeline	44	8,594	3,257	654	--	12,549
Natural Gas Processing Plant	61	299	980	55	27	1,422
Refinery Olefins	240	498	1,362	126	77	2,303
Refinery	240	498	1,362	126	77	2,303
Ethylene	0	0	0	0	0	0
Refinery	--	--	0	--	--	0
Propylene	137	413	780	2	13	1,345
Refinery	137	413	780	2	13	1,345
Normal Butylene	81	85	582	124	64	936
Refinery	81	85	582	124	64	936
Isobutylene	22	0	0	0	0	22
Refinery	22	0	0	0	0	22
Other Hydrocarbons	--	18	--	--	--	18
Refinery	--	18	--	--	--	18
Biofuels (Including Fuel Ethanol)²	7,883	9,628	5,325	586	5,287	28,708
Refinery	238	116	860	111	794	2,119
Bulk Terminal	7,645	9,512	4,465	475	4,493	26,589
Pipeline	--	--	--	--	--	--
Fuel Ethanol	6,451	8,612	3,377	351	2,411	21,203
Refinery	230	93	763	104	173	1,363
Bulk Terminal	6,221	8,519	2,614	247	2,238	19,840
Pipeline	--	--	--	--	--	--
Biodiesel	1,395	900	653	11	546	3,505
Refinery	8	23	97	7	7	142
Bulk Terminal	1,387	877	556	4	539	3,363
Pipeline	--	--	--	--	--	--
Renewable Diesel Fuel	37	90	1,112	202	2,228	3,668
Refinery	--	--	--	--	614	614
Bulk Terminal	37	90	1,112	202	1,614	3,054
Pipeline	--	--	--	--	--	--
Other Biofuels³	--	27	183	21	101	332
Refinery	--	--	--	--	0	0
Bulk Terminal	--	27	183	21	101	332
Pipeline	--	--	--	--	--	--

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, October 2023
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Unfinished Oils	4,007	14,978	50,436	2,981	19,159	91,561
Naphthas and Lighter	973	3,251	11,781	622	2,886	19,513
Refinery	973	3,230	10,303	622	2,768	17,896
Bulk Terminal	—	21	1,478	—	118	1,617
Kerosene and Light Gas Oils	494	3,012	10,249	726	3,015	17,496
Refinery	494	3,012	7,197	726	3,012	14,441
Bulk Terminal	—	—	3,052	—	3	3,055
Heavy Gas Oils	2,107	6,559	21,672	1,213	10,005	41,556
Refinery	1,860	6,235	19,350	1,213	8,313	36,971
Bulk Terminal	247	324	2,322	—	1,692	4,585
Residuum	433	2,156	6,734	420	3,253	12,996
Refinery	433	2,156	6,632	420	3,253	12,894
Bulk Terminal	—	—	102	—	—	102
Motor Gasoline Blending Components²	52,699	40,616	76,839	6,331	26,196	202,680
Refinery	3,274	12,623	26,699	3,198	12,611	58,405
Bulk Terminal	37,595	20,701	33,714	2,001	11,132	105,142
Pipeline	11,830	7,292	16,426	1,132	2,453	39,133
Reformulated - RBOB	17,040	4,617	9,134	383	12,761	43,936
Refinery	1,447	848	1,347	—	4,959	8,601
Bulk Terminal	12,123	3,139	4,325	262	6,410	26,260
Pipeline	3,470	630	3,462	121	1,392	9,075
Conventional	35,659	35,998	67,705	5,948	13,434	158,744
Refinery	1,827	11,775	25,352	3,198	7,652	49,804
Bulk Terminal	25,472	17,561	29,389	1,739	4,721	78,882
Pipeline	8,360	6,662	12,964	1,011	1,061	30,058
CBOB	26,296	28,909	37,704	4,470	6,912	104,291
Refinery	222	5,947	11,346	1,722	1,892	21,129
Bulk Terminal	17,905	16,573	13,788	1,737	4,015	54,018
Pipeline	8,169	6,389	12,570	1,011	1,005	29,144
GTAB	1,901	—	45	—	—	1,946
Refinery	—	—	—	—	—	—
Bulk Terminal	1,901	—	45	—	—	1,946
Pipeline	—	—	—	—	—	—
Other	7,462	7,089	29,956	1,478	6,522	52,507
Refinery	1,605	5,828	14,006	1,476	5,760	28,675
Bulk Terminal	5,666	988	15,556	2	706	22,918
Pipeline	191	273	394	—	56	914
Aviation Gasoline Blending Components	—	—	26	—	—	26
Refinery	—	—	26	—	—	26
Bulk Terminal	—	—	—	—	—	—
Finished Motor Gasoline	3,092	3,367	6,576	877	2,136	16,049
Refinery	32	794	3,073	662	711	5,272
Bulk Terminal	604	1,049	2,903	120	1,402	6,079
Pipeline	2,456	1,524	600	95	23	4,698
Reformulated	5	—	—	—	17	22
Refinery	—	—	—	—	17	17
Bulk Terminal	5	—	—	—	—	5
Pipeline	—	—	—	—	—	—
Reformulated (Blended with Fuel Ethanol)	5	—	—	—	17	22
Refinery	—	—	—	—	17	17
Bulk Terminal	5	—	—	—	—	5
Pipeline	—	—	—	—	—	—
Reformulated (Other)	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional	3,087	3,367	6,576	877	2,119	16,027
Refinery	32	794	3,073	662	694	5,255
Bulk Terminal	599	1,049	2,903	120	1,402	6,074
Pipeline	2,456	1,524	600	95	23	4,698
Conventional (Blended with Fuel Ethanol)	—	251	—	46	18	316
Refinery	—	—	—	44	—	44
Bulk Terminal	—	251	—	2	18	272
Pipeline	—	—	—	—	—	—
Ed55 and Lower	—	251	—	46	—	297
Refinery	—	—	—	44	—	44
Bulk Terminal	—	251	—	2	—	253
Pipeline	—	—	—	—	—	—
Greater than Ed55	—	0	—	—	18	18
Refinery	—	—	—	—	—	—
Bulk Terminal	—	0	—	—	18	18
Pipeline	—	—	—	—	—	—
Conventional (Other)	3,087	3,116	6,576	831	2,101	15,711
Refinery	32	794	3,073	618	694	5,211
Bulk Terminal	599	798	2,903	118	1,384	5,802
Pipeline	2,456	1,524	600	95	23	4,698

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, October 2023
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Finished Aviation Gasoline	124	175	517	7	270	1,093
Refinery	—	17	367	7	177	568
Bulk Terminal	124	158	150	—	93	525
Pipeline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	10,271	6,854	11,882	942	9,488	39,437
Refinery	448	2,076	5,037	328	3,029	10,918
Bulk Terminal	4,193	3,008	2,926	429	5,541	16,097
Pipeline	5,630	1,770	3,919	185	918	12,422
Kerosene	576	129	587	2	5	1,299
Refinery	45	108	91	2	1	247
Bulk Terminal	516	21	485	—	4	1,026
Pipeline	15	—	11	—	—	26
Distillate Fuel Oil²	25,495	27,065	42,072	3,716	11,269	109,617
Refinery	1,216	5,535	13,573	1,587	4,490	26,401
Bulk Terminal	17,206	13,966	15,440	1,507	5,380	53,499
Pipeline	7,073	7,564	13,059	622	1,399	29,717
15 ppm sulfur and Under	24,183	26,490	36,090	3,530	10,591	100,884
Refinery	852	5,223	11,074	1,454	3,994	22,597
Bulk Terminal	16,269	13,890	12,105	1,454	5,232	48,950
Pipeline	7,062	7,377	12,911	622	1,365	29,337
Greater than 15 ppm to 500 ppm sulfur	530	365	1,133	151	241	2,420
Refinery	116	149	692	98	228	1,283
Bulk Terminal	414	63	377	53	1	908
Pipeline	—	153	64	—	12	229
Greater than 500 ppm sulfur	782	210	4,849	35	437	6,313
Refinery	248	163	1,807	35	268	2,521
Bulk Terminal	523	13	2,958	—	147	3,641
Pipeline	11	34	84	—	22	151
Residual Fuel Oil	5,360	1,441	16,287	211	4,289	27,588
Refinery	234	995	3,891	211	1,935	7,266
Bulk Terminal	5,126	446	12,396	—	2,354	20,322
Pipeline	—	—	—	—	—	—
Less than 0.31% Sulfur	628	283	1,116	25	838	2,890
Refinery	18	282	75	25	33	433
Bulk Terminal	610	1	1,041	—	805	2,457
0.31% to 1.00% Sulfur	1,163	525	3,662	10	609	5,969
Refinery	112	195	843	10	232	1,392
Bulk Terminal	1,051	330	2,819	—	377	4,577
Greater than 1.00% Percent Sulfur	3,569	633	11,509	176	2,842	18,729
Refinery	104	518	2,973	176	1,670	5,441
Bulk Terminal	3,465	115	8,536	—	1,172	13,288
Petrochemical Feedstocks	6	539	2,382	—	—	2,927
Refinery	6	539	2,382	—	—	2,927
Naphtha for Petrochemical Feedstock Use	—	420	1,649	—	—	2,069
Other Oils for Petrochemical Feedstock Use	6	119	733	—	—	858
Special Naphthas	63	174	842	—	48	1,127
Refinery	42	89	831	—	48	1,010
Bulk Terminal	21	85	11	—	—	117
Lubricants	1,247	525	8,377	—	1,094	11,243
Refinery	809	82	5,102	—	873	6,866
Bulk Terminal	438	443	3,275	—	221	4,377
Waxes	299	45	233	—	—	577
Refinery	299	45	233	—	—	577
Petroleum Coke	—	2,520	3,617	118	1,177	7,432
Refinery	—	2,520	3,617	118	1,177	7,432
Asphalt and Road Oil	4,404	9,241	4,233	1,634	1,805	21,317
Refinery	404	4,132	1,854	938	584	7,912
Bulk Terminal	4,000	5,109	2,379	696	1,221	13,405
Miscellaneous Products	49	203	590	20	65	927
Refinery	49	105	530	20	56	760
Bulk Terminal	—	98	60	—	9	167
Pipeline	—	—	—	—	—	—
Total Stocks, All Oils	137,225	285,690	1,009,096	50,224	132,672	1,614,907

-- = Not Applicable.

- = No Data Reported.

1 Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.

2 Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report."

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, November 2023
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil	8,518	110,776	599,648	24,684	50,123	793,749
Refinery	6,335	13,078	45,120	2,676	22,790	89,999
Tank Farms and Pipelines (Includes Cushing, OK)	2,183	97,698	202,617	22,008	24,785	349,291
Cushing, Oklahoma	--	29,424	--	--	--	29,424
Leases	--	--	--	--	--	--
Strategic Petroleum Reserve ¹	--	--	351,911	--	--	351,911
Alaskan In Transit	--	--	--	--	2,548	2,548
Total Stocks, All Oils (excluding Crude Oil)²	125,127	178,143	404,066	26,521	88,289	822,146
Refinery	12,388	49,453	120,653	10,806	46,199	239,499
Bulk Terminal	85,152	90,762	225,801	8,879	36,966	447,560
Pipeline	27,318	36,414	55,946	6,653	4,651	130,982
Natural Gas Processing Plant	269	1,514	1,666	183	473	4,105
Natural Gas Liquids	13,088	56,264	169,789	8,080	5,441	252,662
Refinery	454	3,701	5,363	415	1,430	11,363
Bulk Terminal	10,160	33,198	139,789	3,009	3,538	189,694
Pipeline	2,205	17,851	22,971	4,473	--	47,500
Natural Gas Processing Plant	269	1,514	1,666	183	473	4,105
Ethane	1,040	5,967	63,851	1,185	--	72,043
Refinery	--	--	19	--	--	19
Bulk Terminal	476	2,218	55,000	--	--	57,694
Pipeline	564	3,625	8,726	1,180	--	14,095
Natural Gas Processing Plant	--	124	106	5	--	235
Propane	9,747	25,366	49,133	3,161	2,715	90,122
Refinery	91	1,315	636	35	86	2,163
Bulk Terminal	8,139	19,509	41,654	1,424	2,509	73,235
Pipeline	1,385	3,805	6,702	1,628	--	13,520
Natural Gas Processing Plant	132	737	141	74	120	1,204
Normal Butane	1,956	11,979	33,290	2,503	2,285	52,013
Refinery	272	1,673	3,552	253	987	6,737
Bulk Terminal	1,467	8,593	26,581	1,569	1,026	39,236
Pipeline	168	1,421	2,972	648	--	5,209
Natural Gas Processing Plant	49	292	185	33	272	831
Isobutane	155	2,023	8,798	447	406	11,829
Refinery	91	442	961	111	355	1,960
Bulk Terminal	--	620	6,218	--	--	6,838
Pipeline	44	846	1,296	319	--	2,505
Natural Gas Processing Plant	20	115	323	17	51	526
Natural Gasoline	190	10,929	14,717	784	35	26,655
Refinery	--	271	195	16	2	484
Bulk Terminal	78	2,258	10,336	16	3	12,691
Pipeline	44	8,154	3,275	698	--	12,171
Natural Gas Processing Plant	68	246	911	54	30	1,309
Refinery Olefins	292	483	1,248	92	25	2,140
Refinery	292	483	1,248	92	25	2,140
Ethylene	--	--	0	--	--	0
Refinery	--	--	0	--	--	0
Propylene	151	454	902	3	16	1,526
Refinery	151	454	902	3	16	1,526
Normal Butylene	103	29	345	89	9	575
Refinery	103	29	345	89	9	575
Isobutylene	38	0	1	0	0	39
Refinery	38	0	1	0	0	39
Other Hydrocarbons	--	23	--	--	--	23
Refinery	--	23	--	--	--	23
Biofuels (Including Fuel Ethanol)²	7,942	9,789	6,143	569	6,304	30,747
Refinery	246	134	1,152	102	833	2,467
Bulk Terminal	7,696	9,655	4,991	463	5,471	28,276
Pipeline	--	--	--	4	--	4
Fuel Ethanol	6,542	8,795	3,631	366	2,458	21,791
Refinery	239	109	1,048	94	118	1,608
Bulk Terminal	6,303	8,686	2,583	268	2,340	20,179
Pipeline	--	--	--	4	--	4
Biodiesel	1,373	870	719	13	680	3,655
Refinery	7	25	104	8	9	153
Bulk Terminal	1,366	845	615	5	671	3,502
Pipeline	--	--	--	--	--	--
Renewable Diesel Fuel	27	94	1,655	170	3,046	4,993
Refinery	--	--	--	--	706	706
Bulk Terminal	27	94	1,655	170	2,340	4,287
Pipeline	--	--	--	--	--	--
Other Biofuels³	--	31	138	19	120	309
Refinery	--	--	--	--	--	--
Bulk Terminal	--	31	138	19	120	309
Pipeline	--	--	--	--	--	--

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, November 2023
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Unfinished Oils	3,603	14,344	48,585	3,005	20,147	89,684
Naphthas and Lighter	909	3,186	11,154	591	3,073	18,913
Refinery	909	3,156	10,250	591	2,911	17,817
Bulk Terminal	—	30	904	—	162	1,096
Kerosene and Light Gas Oils	429	2,788	10,292	615	3,447	17,571
Refinery	429	2,788	7,175	615	3,443	14,450
Bulk Terminal	—	—	3,117	—	4	3,121
Heavy Gas Oils	1,868	5,995	20,219	1,430	9,655	39,167
Refinery	1,808	5,796	18,112	1,430	8,138	35,284
Bulk Terminal	60	199	2,107	—	1,517	3,883
Residuum	397	2,375	6,920	369	3,972	14,033
Refinery	397	2,375	6,875	369	3,972	13,988
Bulk Terminal	—	—	45	—	—	45
Motor Gasoline Blending Components²	50,576	44,410	77,300	6,561	25,395	204,241
Refinery	3,118	13,711	26,981	3,290	11,862	58,962
Bulk Terminal	36,078	22,370	34,503	2,181	10,800	105,931
Pipeline	11,380	8,329	15,816	1,090	2,733	39,348
Reformulated - RBOB	16,242	4,790	10,419	471	12,439	44,361
Refinery	1,208	986	1,156	—	4,625	7,975
Bulk Terminal	11,480	3,197	5,539	348	6,330	26,894
Pipeline	3,554	607	3,724	123	1,484	9,492
Conventional	34,334	39,619	66,881	6,090	12,956	159,880
Refinery	1,910	12,725	25,825	3,290	7,237	50,987
Bulk Terminal	24,598	19,172	28,964	1,833	4,470	79,037
Pipeline	7,826	7,722	12,092	967	1,249	29,856
CBOB	25,915	31,943	36,623	4,454	7,118	106,053
Refinery	223	6,499	11,594	1,656	2,054	22,026
Bulk Terminal	17,866	18,048	13,312	1,831	3,858	54,915
Pipeline	7,826	7,396	11,717	967	1,206	29,112
GTAB	1,151	—	68	—	—	1,219
Refinery	—	—	—	—	—	—
Bulk Terminal	1,151	—	68	—	—	1,219
Pipeline	—	—	—	—	—	—
Other	7,268	7,676	30,190	1,636	5,838	52,608
Refinery	1,687	6,226	14,231	1,634	5,183	28,961
Bulk Terminal	5,581	1,124	15,584	2	612	22,903
Pipeline	—	326	375	—	43	744
Aviation Gasoline Blending Components	—	—	29	—	—	29
Refinery	—	—	29	—	—	29
Bulk Terminal	—	—	—	—	—	—
Finished Motor Gasoline	2,884	3,739	7,696	1,100	1,873	17,292
Refinery	21	842	3,489	782	726	5,860
Bulk Terminal	710	1,047	3,572	143	1,106	6,578
Pipeline	2,153	1,850	635	175	41	4,854
Reformulated	5	—	—	—	17	22
Refinery	—	—	—	—	17	17
Bulk Terminal	5	—	—	—	—	5
Pipeline	—	—	—	—	—	—
Reformulated (Blended with Fuel Ethanol)	5	—	—	—	17	22
Refinery	—	—	—	—	17	17
Bulk Terminal	5	—	—	—	—	5
Pipeline	—	—	—	—	—	—
Reformulated (Other)	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional	2,879	3,739	7,696	1,100	1,856	17,270
Refinery	21	842	3,489	782	709	5,843
Bulk Terminal	705	1,047	3,572	143	1,106	6,573
Pipeline	2,153	1,850	635	175	41	4,854
Conventional (Blended with Fuel Ethanol)	—	182	—	42	8	232
Refinery	—	—	—	39	—	39
Bulk Terminal	—	182	—	3	8	193
Pipeline	—	—	—	—	—	—
Ed55 and Lower	—	182	—	42	—	224
Refinery	—	—	—	39	—	39
Bulk Terminal	—	182	—	3	—	185
Pipeline	—	—	—	—	—	—
Greater than Ed55	—	0	—	—	8	8
Refinery	—	—	—	—	—	—
Bulk Terminal	—	0	—	—	8	8
Pipeline	—	—	—	—	—	—
Conventional (Other)	2,879	3,557	7,696	1,058	1,848	17,038
Refinery	21	842	3,489	743	709	5,804
Bulk Terminal	705	865	3,572	140	1,098	6,380
Pipeline	2,153	1,850	635	175	41	4,854

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, November 2023
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Finished Aviation Gasoline	180	171	406	6	259	1,022
Refinery	—	13	276	6	101	396
Bulk Terminal	180	158	130	—	158	626
Pipeline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	8,475	7,219	13,125	944	8,967	38,730
Refinery	531	2,039	6,503	355	3,347	12,775
Bulk Terminal	4,319	3,371	2,797	447	4,688	15,622
Pipeline	3,625	1,809	3,825	142	932	10,333
Kerosene	736	187	923	2	7	1,855
Refinery	101	152	137	2	1	393
Bulk Terminal	620	35	769	—	6	1,430
Pipeline	15	—	17	—	—	32
Distillate Fuel Oil²	27,336	27,381	42,672	4,213	11,560	113,161
Refinery	1,694	6,543	14,773	1,666	4,763	29,439
Bulk Terminal	17,702	14,263	15,217	1,778	5,852	54,811
Pipeline	7,940	6,575	12,682	769	945	28,911
15 ppm sulfur and Under	26,042	26,518	37,701	4,016	10,653	104,929
Refinery	1,297	6,139	12,627	1,519	4,041	25,623
Bulk Terminal	16,813	14,194	12,530	1,728	5,704	50,968
Pipeline	7,932	6,185	12,544	769	908	28,338
Greater than 15 ppm to 500 ppm sulfur	603	409	1,052	115	212	2,391
Refinery	158	148	573	65	199	1,143
Bulk Terminal	445	55	398	50	1	949
Pipeline	—	206	81	—	12	299
Greater than 500 ppm sulfur	691	454	3,919	82	695	5,841
Refinery	239	256	1,573	82	523	2,673
Bulk Terminal	444	14	2,289	—	147	2,894
Pipeline	8	184	57	—	25	274
Residual Fuel Oil	4,631	1,253	15,480	205	4,275	25,844
Refinery	569	904	3,535	205	2,111	7,324
Bulk Terminal	4,062	349	11,945	—	2,164	18,520
Pipeline	—	—	—	—	—	—
Less than 0.31% Sulfur	554	174	991	20	892	2,631
Refinery	81	173	38	20	29	341
Bulk Terminal	473	1	953	—	863	2,290
0.31% to 1.00% Sulfur	1,334	473	3,215	4	372	5,398
Refinery	136	229	847	4	197	1,413
Bulk Terminal	1,198	244	2,368	—	175	3,985
Greater than 1.00% Percent Sulfur	2,743	606	11,274	181	3,011	17,815
Refinery	352	502	2,650	181	1,885	5,570
Bulk Terminal	2,391	104	8,624	—	1,126	12,245
Petrochemical Feedstocks	5	532	2,268	—	—	2,805
Refinery	5	532	2,268	—	—	2,805
Naphtha for Petrochemical Feedstock Use	—	417	1,586	—	—	2,003
Other Oils for Petrochemical Feedstock Use	5	115	682	—	—	802
Special Naphthas	51	145	855	—	23	1,074
Refinery	33	62	844	—	23	962
Bulk Terminal	18	83	11	—	—	112
Lubricants	1,294	565	8,340	—	850	11,049
Refinery	871	111	5,072	—	645	6,699
Bulk Terminal	423	454	3,268	—	205	4,350
Waxes	293	35	245	—	—	573
Refinery	293	35	245	—	—	573
Petroleum Coke	—	2,072	3,890	120	1,254	7,336
Refinery	—	2,072	3,890	120	1,254	7,336
Asphalt and Road Oil	3,691	9,302	4,455	1,604	1,854	20,906
Refinery	566	3,866	1,955	745	565	7,697
Bulk Terminal	3,125	5,436	2,500	859	1,289	13,209
Miscellaneous Products	51	229	617	21	55	973
Refinery	51	115	481	21	49	717
Bulk Terminal	—	114	136	—	6	256
Pipeline	—	—	—	—	—	—
Total Stocks, All Oils	133,645	288,919	1,003,714	51,205	138,412	1,615,895

-- = Not Applicable.

- = No Data Reported.

1 Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.

2 Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report."

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, December 2023
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil	7,201	116,557	582,167	25,827	49,423	781,175
Refinery	5,801	13,030	44,653	2,535	20,512	86,531
Tank Farms and Pipelines (Includes Cushing, OK)	1,400	103,527	182,830	23,292	23,164	334,213
Cushing, Oklahoma	--	34,454	--	--	--	34,454
Leases	--	--	--	--	--	--
Strategic Petroleum Reserve ¹	--	--	354,684	--	--	354,684
Alaskan In Transit	--	--	--	--	5,747	5,747
Total Stocks, All Oils (excluding Crude Oil)²	138,749	183,874	385,160	26,457	90,686	824,927
Refinery	12,264	48,430	117,960	11,358	46,831	236,843
Bulk Terminal	98,139	96,889	206,574	8,223	39,089	448,915
Pipeline	28,078	37,531	59,018	6,680	4,380	135,687
Natural Gas Processing Plant	268	1,024	1,608	196	386	3,482
Natural Gas Liquids	11,135	49,580	149,658	7,075	4,481	221,930
Refinery	544	3,476	5,087	403	1,468	10,978
Bulk Terminal	8,241	26,879	120,044	1,987	2,627	159,779
Pipeline	2,082	18,201	22,919	4,489	--	47,691
Natural Gas Processing Plant	268	1,024	1,608	196	386	3,482
Ethane	1,226	6,002	57,488	1,080	--	65,796
Refinery	--	--	17	--	--	17
Bulk Terminal	661	2,491	49,176	--	--	52,328
Pipeline	565	3,473	8,272	1,075	--	13,385
Natural Gas Processing Plant	--	38	23	5	--	66
Propane	7,736	21,912	44,738	3,082	2,172	79,640
Refinery	108	1,111	1,151	38	127	2,535
Bulk Terminal	6,274	16,222	36,607	1,233	1,936	62,272
Pipeline	1,217	4,032	6,871	1,723	--	13,843
Natural Gas Processing Plant	137	547	109	88	109	990
Normal Butane	1,832	7,942	25,665	1,685	1,832	38,956
Refinery	357	1,382	2,929	238	927	5,833
Bulk Terminal	1,222	4,962	19,836	739	688	27,447
Pipeline	213	1,433	2,654	676	--	4,976
Natural Gas Processing Plant	40	165	246	32	217	700
Isobutane	138	2,104	7,562	454	447	10,705
Refinery	79	584	815	118	411	2,007
Bulk Terminal	--	592	5,213	--	--	5,805
Pipeline	44	842	1,350	321	--	2,557
Natural Gas Processing Plant	15	86	184	15	36	336
Natural Gasoline	203	11,620	14,205	774	30	26,833
Refinery	--	399	175	9	3	586
Bulk Terminal	84	2,612	9,212	15	3	11,927
Pipeline	43	8,421	3,772	694	--	12,930
Natural Gas Processing Plant	76	188	1,046	56	24	1,390
Refinery Olefins	147	409	689	102	22	1,369
Refinery	147	409	689	102	22	1,369
Ethylene	0	0	0	0	0	0
Refinery	--	--	0	--	--	0
Propylene	138	370	382	1	18	909
Refinery	138	370	382	1	18	909
Normal Butylene	0	39	305	101	4	449
Refinery	0	39	305	101	4	449
Isobutylene	9	0	2	0	0	11
Refinery	9	0	2	0	0	11
Other Hydrocarbons	--	13	--	--	--	13
Refinery	--	13	--	--	--	13
Biofuels (Including Fuel Ethanol)²	8,154	11,031	6,474	739	6,707	33,104
Refinery	178	128	1,211	101	1,146	2,764
Bulk Terminal	7,976	10,903	5,263	638	5,561	30,340
Pipeline	--	--	--	--	--	--
Fuel Ethanol	6,864	9,894	3,843	359	2,539	23,498
Refinery	170	106	1,122	93	223	1,714
Bulk Terminal	6,694	9,788	2,721	266	2,316	21,784
Pipeline	--	--	--	--	--	--
Biodiesel	1,270	992	808	11	733	3,813
Refinery	8	22	89	8	9	136
Bulk Terminal	1,262	970	719	3	724	3,677
Pipeline	--	--	--	--	--	--
Renewable Diesel Fuel	20	107	1,665	323	3,363	5,478
Refinery	--	--	--	--	914	914
Bulk Terminal	20	107	1,665	323	2,449	4,564
Pipeline	--	--	--	--	--	--
Other Biofuels³	--	39	158	46	72	314
Refinery	--	--	--	--	--	--
Bulk Terminal	--	39	158	46	72	314
Pipeline	--	--	--	--	--	--

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, December 2023
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Unfinished Oils	3,602	12,404	45,197	3,042	19,933	84,178
Naphthas and Lighter	1,071	2,914	9,902	646	2,882	17,415
Refinery	1,071	2,896	9,178	646	2,675	16,466
Bulk Terminal	—	18	724	—	207	949
Kerosene and Light Gas Oils	396	2,856	8,924	640	3,206	16,022
Refinery	396	2,856	7,402	640	3,204	14,498
Bulk Terminal	—	—	1,522	—	2	1,524
Heavy Gas Oils	1,756	4,876	18,686	1,343	10,133	36,794
Refinery	1,684	4,870	17,861	1,343	8,678	34,436
Bulk Terminal	72	6	825	—	1,455	2,358
Residuum	379	1,758	7,685	413	3,712	13,947
Refinery	379	1,758	7,615	413	3,712	13,877
Bulk Terminal	—	—	70	—	—	70
Motor Gasoline Blending Components²	57,700	50,974	80,421	6,636	26,758	222,490
Refinery	3,175	14,107	27,461	3,316	12,793	60,852
Bulk Terminal	42,426	28,378	34,657	2,227	11,472	119,161
Pipeline	12,099	8,489	18,303	1,093	2,493	42,477
Reformulated - RBOB	21,114	5,123	10,601	568	13,125	50,531
Refinery	1,045	813	1,716	—	4,840	8,414
Bulk Terminal	16,778	3,802	4,685	281	6,799	32,345
Pipeline	3,291	508	4,200	287	1,486	9,772
Conventional	36,586	45,851	69,820	6,068	13,633	171,959
Refinery	2,130	13,294	25,745	3,316	7,953	52,438
Bulk Terminal	25,648	24,576	29,972	1,946	4,673	86,816
Pipeline	8,808	7,981	14,103	806	1,007	32,705
CBOB	28,099	37,790	38,241	4,459	7,191	115,780
Refinery	302	6,916	11,825	1,709	2,185	22,937
Bulk Terminal	18,998	23,063	12,845	1,944	4,007	60,857
Pipeline	8,799	7,811	13,571	806	999	31,986
GTAB	1,071	—	75	—	—	1,146
Refinery	—	—	—	—	—	—
Bulk Terminal	1,071	—	75	—	—	1,146
Pipeline	—	—	—	—	—	—
Other	7,416	8,061	31,504	1,609	6,442	55,032
Refinery	1,828	6,378	13,920	1,607	5,768	29,501
Bulk Terminal	5,579	1,513	17,052	2	666	24,812
Pipeline	9	170	532	—	8	719
Aviation Gasoline Blending Components	—	—	30	—	—	30
Refinery	—	—	30	—	—	30
Bulk Terminal	—	—	—	—	—	—
Finished Motor Gasoline	2,385	3,878	8,821	1,266	1,877	18,227
Refinery	34	733	3,325	911	714	5,717
Bulk Terminal	702	1,121	4,988	163	1,133	8,107
Pipeline	1,649	2,024	508	192	30	4,403
Reformulated	5	—	—	—	17	22
Refinery	—	—	—	—	17	17
Bulk Terminal	5	—	—	—	—	5
Pipeline	—	—	—	—	—	—
Reformulated (Blended with Fuel Ethanol)	5	—	—	—	17	22
Refinery	—	—	—	—	17	17
Bulk Terminal	5	—	—	—	—	5
Pipeline	—	—	—	—	—	—
Reformulated (Other)	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional	2,380	3,878	8,821	1,266	1,860	18,205
Refinery	34	733	3,325	911	697	5,700
Bulk Terminal	697	1,121	4,988	163	1,133	8,102
Pipeline	1,649	2,024	508	192	30	4,403
Conventional (Blended with Fuel Ethanol)	—	181	—	60	19	260
Refinery	—	—	—	56	—	56
Bulk Terminal	—	181	—	4	19	204
Pipeline	—	—	—	—	—	—
Ed55 and Lower	—	181	—	60	—	241
Refinery	—	—	—	56	—	56
Bulk Terminal	—	181	—	4	—	185
Pipeline	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	19	19
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	19	19
Pipeline	—	—	—	—	—	—
Conventional (Other)	2,380	3,697	8,821	1,206	1,841	17,945
Refinery	34	733	3,325	855	697	5,644
Bulk Terminal	697	940	4,988	159	1,114	7,898
Pipeline	1,649	2,024	508	192	30	4,403

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, December 2023
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Finished Aviation Gasoline	149	183	536	7	326	1,201
Refinery	—	10	406	7	173	596
Bulk Terminal	149	173	130	—	153	605
Pipeline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	8,590	7,444	13,382	856	9,504	39,776
Refinery	414	2,152	6,008	453	2,952	11,979
Bulk Terminal	5,010	3,445	2,980	259	5,698	17,392
Pipeline	3,166	1,847	4,394	144	854	10,405
Kerosene	1,017	200	710	2	9	1,938
Refinery	68	182	165	2	3	420
Bulk Terminal	769	18	526	—	6	1,319
Pipeline	180	—	19	—	—	199
Distillate Fuel Oil²	35,169	32,976	44,969	4,560	12,812	130,486
Refinery	1,669	7,337	14,421	2,003	5,116	30,546
Bulk Terminal	24,598	18,669	17,673	1,795	6,693	69,428
Pipeline	8,902	6,970	12,875	762	1,003	30,512
15 ppm sulfur and Under	33,994	32,321	39,623	4,309	11,962	122,209
Refinery	1,276	7,022	12,156	1,805	4,385	26,644
Bulk Terminal	23,823	18,562	15,180	1,742	6,609	65,916
Pipeline	8,895	6,737	12,287	762	968	29,649
Greater than 15 ppm to 500 ppm sulfur	552	318	1,140	147	265	2,422
Refinery	208	51	619	94	265	1,237
Bulk Terminal	344	79	429	53	—	905
Pipeline	—	188	92	—	—	280
Greater than 500 ppm sulfur	623	337	4,206	104	585	5,855
Refinery	185	264	1,646	104	466	2,665
Bulk Terminal	431	28	2,064	—	84	2,607
Pipeline	7	45	496	—	35	583
Residual Fuel Oil	4,859	1,179	13,775	203	4,078	24,094
Refinery	720	890	3,188	203	1,690	6,691
Bulk Terminal	4,139	289	10,587	—	2,388	17,403
Pipeline	—	—	—	—	—	—
Less than 0.31% Sulfur	434	114	809	24	1,061	2,442
Refinery	183	110	40	24	20	377
Bulk Terminal	251	4	769	—	1,041	2,065
0.31% to 1.00% Sulfur	1,156	385	3,552	4	618	5,715
Refinery	264	201	792	4	378	1,639
Bulk Terminal	892	184	2,760	—	240	4,076
Greater than 1.00% Percent Sulfur	3,269	680	9,414	175	2,399	15,937
Refinery	273	579	2,356	175	1,292	4,675
Bulk Terminal	2,996	101	7,058	—	1,107	11,262
Petrochemical Feedstocks	7	577	2,033	—	—	2,617
Refinery	7	577	2,033	—	—	2,617
Naphtha for Petrochemical Feedstock Use	—	452	1,391	—	—	1,843
Other Oils for Petrochemical Feedstock Use	7	125	642	—	—	774
Special Naphthas	53	169	892	—	15	1,129
Refinery	27	98	881	—	15	1,021
Bulk Terminal	26	71	11	—	—	108
Lubricants	1,380	697	9,159	—	865	12,101
Refinery	914	211	5,576	—	662	7,363
Bulk Terminal	466	486	3,583	—	203	4,738
Waxes	307	65	284	—	—	656
Refinery	307	65	284	—	—	656
Petroleum Coke	—	1,978	2,725	132	1,087	5,922
Refinery	—	1,978	2,725	132	1,087	5,922
Asphalt and Road Oil	4,035	9,871	4,880	1,818	2,147	22,751
Refinery	470	3,556	1,972	663	659	7,320
Bulk Terminal	3,565	6,315	2,908	1,155	1,488	15,431
Miscellaneous Products	60	245	526	20	65	916
Refinery	60	128	442	20	62	712
Bulk Terminal	—	117	84	—	3	204
Pipeline	—	—	—	—	—	—
Total Stocks, All Oils	145,950	300,431	967,327	52,284	140,109	1,606,102

-- = Not Applicable.

- = No Data Reported.

1 Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.

2 Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

3 Includes stocks held at biofuel production facilities.

Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report."

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, January 2023
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components ¹			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
PAD District 1	5	981	986	17,033	29,093	46,126	944
Connecticut	—	—	—	1,016	8	1,024	41
Delaware	—	—	—	947	399	1,346	98
District of Columbia	—	—	—	—	—	—	—
Florida	—	482	482	—	6,848	6,848	—
Georgia	—	72	72	—	2,723	2,723	—
Maine	—	—	—	126	420	546	155
Maryland	—	—	—	1,055	87	1,142	20
Massachusetts	4	—	4	1,232	—	1,232	—
New Hampshire	—	—	—	—	—	—	—
New Jersey	—	159	159	8,397	8,432	16,829	176
New York	1	—	1	1,266	1,445	2,711	310
North Carolina	—	56	56	—	2,370	2,370	7
Pennsylvania	—	—	—	663	3,890	4,553	68
Rhode Island	—	—	—	1,006	1	1,007	—
South Carolina	—	124	124	—	1,256	1,256	16
Vermont	—	—	—	—	31	31	4
Virginia	—	23	23	1,325	1,043	2,368	49
West Virginia	—	65	65	—	140	140	—
PAD District 2	—	1,619	1,619	4,503	34,321	38,825	138
Illinois	—	44	44	2,636	4,590	7,226	62
Indiana	—	77	77	764	4,433	5,197	1
Iowa	—	33	33	—	1,691	1,691	—
Kansas	—	197	197	—	2,974	2,974	16
Kentucky	—	76	76	291	1,672	1,963	—
Michigan	—	7	7	83	2,782	2,865	—
Minnesota	—	310	310	0	2,803	2,803	—
Missouri	—	122	122	275	840	1,115	—
Nebraska	—	44	44	—	577	577	—
North Dakota	—	37	37	—	969	969	—
Ohio	—	295	295	—	3,749	3,749	19
Oklahoma	—	201	201	—	2,949	2,949	38
South Dakota	—	33	33	—	417	417	—
Tennessee	—	48	48	—	2,336	2,336	—
Wisconsin	—	95	95	454	1,539	1,993	2
PAD District 3	—	5,749	5,749	7,204	56,335	63,539	320
Alabama	—	68	68	4	1,177	1,181	2
Arkansas	—	118	118	—	971	971	—
Louisiana	—	759	759	154	13,061	13,215	1
Mississippi	—	1,178	1,178	7	2,413	2,420	—
New Mexico	—	26	26	6	512	518	—
Texas	—	3,600	3,600	7,033	38,201	45,234	317
PAD District 4	—	1,120	1,120	—	4,913	4,913	1
Colorado	—	27	27	—	1,325	1,325	—
Idaho	—	10	10	—	435	435	—
Montana	—	376	376	—	1,331	1,331	—
Utah	—	115	115	—	968	968	1
Wyoming	—	592	592	—	854	854	—
PAD District 5	18	2,002	2,020	13,401	14,384	27,786	11
Alaska	—	280	280	—	650	650	9
Arizona	—	96	96	868	334	1,202	—
California	18	390	408	12,247	6,746	18,994	2
Hawaii	—	427	427	—	399	399	—
Nevada	—	124	124	17	251	268	—
Oregon	—	78	78	—	2,034	2,034	—
Washington	—	607	607	269	3,970	4,239	—
U.S. Total	23	11,471	11,494	42,142	139,046	181,188	1,414

See footnotes at end of table.

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, January 2023
(Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil ¹				Residual Fuel Oil	Propane
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
PAD District 1	24,148	598	1,121	25,867	6,137	5,057
Connecticut	1,670	—	—	1,670	13	—
Delaware	387	71	60	518	683	12
District of Columbia	—	—	—	—	—	—
Florida	2,065	119	—	2,184	1,024	174
Georgia	1,425	—	—	1,425	236	13
Maine	1,216	2	—	1,218	67	—
Maryland	811	—	—	811	233	—
Massachusetts	1,093	7	—	1,100	120	—
New Hampshire	620	—	—	620	31	140
New Jersey	5,219	77	440	5,736	3,085	113
New York	2,782	—	291	3,073	234	1,160
North Carolina	1,205	—	—	1,205	—	455
Pennsylvania	2,711	—	50	2,761	226	2,258
Rhode Island	787	—	—	787	—	—
South Carolina	773	—	—	773	102	400
Vermont	9	—	—	9	—	—
Virginia	1,211	257	280	1,748	83	5
West Virginia	164	65	—	229	—	101
PAD District 2	21,903	154	415	22,472	1,059	15,786
Illinois	2,804	—	1	2,805	220	924
Indiana	2,558	—	138	2,696	266	311
Iowa	2,221	1	—	2,222	—	261
Kansas	2,267	—	—	2,267	34	9,942
Kentucky	778	—	—	778	—	106
Michigan	1,361	—	—	1,361	161	2,872
Minnesota	1,972	—	52	2,024	140	338
Missouri	751	8	37	796	—	93
Nebraska	842	—	—	842	—	279
North Dakota	771	—	—	771	45	54
Ohio	1,471	13	79	1,563	99	468
Oklahoma	1,270	132	108	1,510	69	80
South Dakota	676	—	—	676	—	13
Tennessee	973	—	—	973	24	6
Wisconsin	1,187	—	—	1,187	1	39
PAD District 3	24,991	938	4,874	30,803	20,017	31,808
Alabama	859	—	36	895	322	12
Arkansas	636	—	—	636	—	30
Louisiana	5,220	422	1,234	6,876	8,988	2,523
Mississippi	877	269	64	1,210	665	1,294
New Mexico	356	—	—	356	85	4
Texas	17,043	247	3,540	20,830	9,957	27,945
PAD District 4	3,021	147	59	3,227	218	343
Colorado	681	—	—	681	3	14
Idaho	198	—	—	198	—	—
Montana	978	80	—	1,058	73	25
Utah	460	22	59	541	59	257
Wyoming	704	45	—	749	83	47
PAD District 5	10,465	205	399	11,069	4,673	1,154
Alaska	1,012	—	43	1,055	112	3
Arizona	622	—	—	622	—	414
California	5,027	205	192	5,424	2,927	244
Hawaii	255	—	162	417	851	57
Nevada	400	—	2	402	—	—
Oregon	980	—	—	980	166	—
Washington	2,169	—	—	2,169	617	436
U.S. Total	84,528	2,042	6,868	93,438	32,104	54,148

— = No Data Reported.

¹ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report."

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, February 2023
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components ¹			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
PAD District 1	5	727	732	18,552	31,172	49,724	746
Connecticut	—	—	—	1,518	22	1,540	23
Delaware	—	—	—	999	424	1,423	154
District of Columbia	—	—	—	—	—	—	—
Florida	—	414	414	—	5,567	5,567	—
Georgia	—	82	82	—	3,259	3,259	—
Maine	—	—	—	116	513	629	106
Maryland	—	—	—	1,344	59	1,403	17
Massachusetts	4	—	4	1,087	—	1,087	—
New Hampshire	—	—	—	—	—	—	—
New Jersey	—	—	—	8,984	10,477	19,461	57
New York	1	—	1	1,328	1,594	2,922	233
North Carolina	—	51	51	—	2,713	2,713	13
Pennsylvania	—	—	—	592	3,938	4,530	83
Rhode Island	—	—	—	1,071	2	1,073	—
South Carolina	—	91	91	—	1,292	1,292	14
Vermont	—	—	—	—	18	18	3
Virginia	—	24	24	1,513	1,171	2,684	43
West Virginia	—	65	65	—	123	123	—
PAD District 2	—	1,527	1,527	4,252	35,950	40,203	117
Illinois	—	29	29	2,442	4,988	7,430	52
Indiana	—	93	93	650	4,488	5,138	—
Iowa	—	41	41	—	2,173	2,173	—
Kansas	—	183	183	—	3,396	3,396	23
Kentucky	—	63	63	410	1,468	1,878	—
Michigan	—	7	7	72	2,604	2,676	—
Minnesota	—	340	340	0	2,974	2,974	—
Missouri	—	140	140	243	661	904	—
Nebraska	—	50	50	—	618	618	—
North Dakota	—	33	33	—	832	832	—
Ohio	—	227	227	—	3,441	3,441	13
Oklahoma	—	144	144	—	4,169	4,169	28
South Dakota	—	34	34	—	512	512	—
Tennessee	—	69	69	—	1,844	1,844	—
Wisconsin	—	74	74	435	1,782	2,217	1
PAD District 3	—	7,332	7,332	5,932	55,627	61,559	393
Alabama	—	111	111	6	1,092	1,098	3
Arkansas	—	130	130	—	892	892	—
Louisiana	—	946	946	120	11,026	11,146	1
Mississippi	—	1,821	1,821	10	2,413	2,423	—
New Mexico	—	28	28	32	534	566	—
Texas	—	4,296	4,296	5,764	39,670	45,434	389
PAD District 4	0	983	983	—	5,369	5,369	1
Colorado	—	32	32	—	1,504	1,504	—
Idaho	—	7	7	—	490	490	—
Montana	—	271	271	—	1,346	1,346	—
Utah	0	94	94	—	1,155	1,155	1
Wyoming	—	579	579	—	874	874	—
PAD District 5	16	1,859	1,875	11,792	14,203	25,996	11
Alaska	—	320	320	—	642	642	8
Arizona	—	61	61	663	247	910	—
California	16	218	234	10,865	6,796	17,662	3
Hawaii	—	403	403	—	398	398	—
Nevada	—	137	137	21	371	392	—
Oregon	—	76	76	—	1,699	1,699	—
Washington	—	644	644	243	4,050	4,293	—
U.S. Total	21	12,428	12,449	40,529	142,322	182,851	1,268

See footnotes at end of table.

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, February 2023
(Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil ¹				Residual Fuel Oil	Propane
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
PAD District 1	26,774	580	996	28,350	5,466	4,435
Connecticut	1,502	—	—	1,502	12	—
Delaware	385	30	38	453	609	13
District of Columbia	—	—	—	—	—	—
Florida	2,362	140	—	2,502	1,015	105
Georgia	1,678	—	—	1,678	176	14
Maine	879	2	—	881	58	—
Maryland	995	—	—	995	215	—
Massachusetts	1,218	13	—	1,231	130	—
New Hampshire	505	—	—	505	29	99
New Jersey	7,665	118	514	8,297	2,497	119
New York	2,474	—	131	2,605	346	800
North Carolina	1,145	—	—	1,145	8	374
Pennsylvania	2,832	—	47	2,879	244	2,434
Rhode Island	816	—	—	816	—	—
South Carolina	928	—	—	928	78	227
Vermont	8	—	—	8	—	—
Virginia	1,247	200	266	1,713	49	4
West Virginia	135	77	—	212	—	95
PAD District 2	23,754	122	313	24,189	1,086	10,678
Illinois	3,579	—	1	3,580	269	790
Indiana	2,800	—	65	2,865	213	350
Iowa	2,166	1	—	2,167	1	271
Kansas	2,075	—	—	2,075	38	6,187
Kentucky	766	—	—	766	—	78
Michigan	1,509	—	—	1,509	168	1,913
Minnesota	1,889	—	49	1,938	153	236
Missouri	743	43	2	788	—	93
Nebraska	781	—	—	781	—	121
North Dakota	898	—	—	898	42	48
Ohio	1,696	11	77	1,784	83	465
Oklahoma	1,950	67	119	2,136	57	72
South Dakota	711	—	—	711	—	11
Tennessee	1,103	—	—	1,103	61	2
Wisconsin	1,087	—	—	1,087	1	41
PAD District 3	23,142	927	4,655	28,724	19,440	30,847
Alabama	770	—	65	835	310	17
Arkansas	546	—	—	546	—	47
Louisiana	4,684	429	1,157	6,270	8,690	2,564
Mississippi	800	265	58	1,123	486	947
New Mexico	297	—	—	297	90	5
Texas	16,045	233	3,375	19,653	9,864	27,267
PAD District 4	3,628	185	57	3,870	258	257
Colorado	803	—	—	803	4	25
Idaho	381	—	—	381	—	—
Montana	1,092	75	—	1,167	82	31
Utah	622	41	57	720	83	144
Wyoming	730	69	—	799	89	57
PAD District 5	10,648	172	448	11,268	5,071	781
Alaska	1,134	—	35	1,169	113	4
Arizona	628	—	—	628	—	148
California	4,540	171	193	4,904	3,022	185
Hawaii	306	1	217	524	849	60
Nevada	248	—	3	251	—	—
Oregon	1,135	—	—	1,135	171	—
Washington	2,657	—	—	2,657	916	384
U.S. Total	87,947	1,986	6,469	96,402	31,321	46,998

— = No Data Reported.

¹ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report."

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, March 2023
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components ¹			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
PAD District 1	4	479	483	15,279	24,809	40,088	634
Connecticut	—	—	—	1,146	22	1,168	19
Delaware	—	—	—	873	696	1,569	161
District of Columbia	—	—	—	—	—	—	—
Florida	—	265	265	—	4,991	4,991	—
Georgia	—	44	44	—	2,424	2,424	—
Maine	—	—	—	56	401	457	87
Maryland	—	—	—	1,183	87	1,270	12
Massachusetts	3	—	3	1,062	—	1,062	—
New Hampshire	—	—	—	—	—	—	—
New Jersey	—	—	—	7,239	7,907	15,146	33
New York	1	—	1	981	1,152	2,133	201
North Carolina	—	45	45	—	2,196	2,196	6
Pennsylvania	—	—	—	563	3,220	3,783	59
Rhode Island	—	—	—	603	2	605	—
South Carolina	—	74	74	—	830	830	14
Vermont	—	—	—	—	28	28	2
Virginia	—	8	8	1,573	753	2,326	40
West Virginia	—	43	43	—	100	100	—
PAD District 2	—	1,554	1,554	4,881	33,484	38,365	114
Illinois	—	23	23	2,737	4,718	7,455	49
Indiana	—	80	80	821	4,734	5,555	1
Iowa	—	24	24	0	1,936	1,936	—
Kansas	—	131	131	—	2,890	2,890	19
Kentucky	—	61	61	383	1,370	1,753	—
Michigan	—	9	9	96	2,332	2,428	—
Minnesota	—	229	229	0	2,724	2,724	—
Missouri	—	103	103	297	634	931	—
Nebraska	—	33	33	—	541	541	—
North Dakota	—	25	25	—	922	922	—
Ohio	—	550	550	—	3,711	3,711	19
Oklahoma	—	151	151	—	3,150	3,150	24
South Dakota	—	35	35	—	510	510	—
Tennessee	—	30	30	—	1,634	1,634	—
Wisconsin	—	70	70	547	1,678	2,225	2
PAD District 3	—	5,523	5,523	6,374	54,022	60,396	499
Alabama	—	71	71	4	1,009	1,013	2
Arkansas	—	86	86	—	734	734	—
Louisiana	—	919	919	553	12,299	12,852	1
Mississippi	—	713	713	3	1,904	1,907	—
New Mexico	—	28	28	22	516	538	—
Texas	—	3,706	3,706	5,792	37,560	43,352	496
PAD District 4	0	922	922	—	5,639	5,639	1
Colorado	—	23	23	—	1,770	1,770	—
Idaho	—	8	8	—	470	470	—
Montana	—	295	295	—	1,223	1,223	—
Utah	0	105	105	—	1,229	1,229	1
Wyoming	—	491	491	—	947	947	—
PAD District 5	16	2,010	2,026	12,211	14,547	26,759	9
Alaska	—	308	308	—	679	679	6
Arizona	—	61	61	620	188	808	—
California	16	323	339	11,395	7,015	18,411	3
Hawaii	—	564	564	—	424	424	—
Nevada	—	151	151	13	351	364	—
Oregon	—	51	51	—	1,802	1,802	—
Washington	—	552	552	183	4,088	4,271	—
U.S. Total	20	10,488	10,508	38,746	132,501	171,247	1,257

See footnotes at end of table.

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, March 2023
(Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil ¹				Residual Fuel Oil	Propane
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
PAD District 1	18,754	623	837	20,214	4,851	3,198
Connecticut	1,197	—	—	1,197	10	—
Delaware	440	40	35	515	502	8
District of Columbia	—	—	—	—	—	—
Florida	1,789	92	—	1,881	1,098	65
Georgia	1,339	—	—	1,339	158	12
Maine	860	1	—	861	53	—
Maryland	721	—	—	721	165	—
Massachusetts	786	2	—	788	97	—
New Hampshire	384	—	—	384	27	113
New Jersey	3,993	129	388	4,510	2,040	99
New York	1,904	—	101	2,005	269	489
North Carolina	876	—	—	876	20	289
Pennsylvania	2,183	—	118	2,301	256	1,712
Rhode Island	542	—	—	542	—	—
South Carolina	655	—	—	655	57	238
Vermont	7	—	—	7	—	—
Virginia	985	294	195	1,474	99	4
West Virginia	93	65	—	158	—	106
PAD District 2	21,883	174	278	22,335	909	7,787
Illinois	3,607	—	3	3,610	252	627
Indiana	2,491	—	53	2,544	140	283
Iowa	2,068	1	—	2,069	1	186
Kansas	2,053	—	—	2,053	27	4,220
Kentucky	854	—	—	854	—	119
Michigan	1,284	—	—	1,284	100	1,211
Minnesota	1,784	—	89	1,873	190	142
Missouri	737	15	2	754	—	57
Nebraska	608	—	—	608	—	111
North Dakota	755	—	—	755	22	49
Ohio	1,814	5	77	1,896	89	630
Oklahoma	1,449	153	54	1,656	58	103
South Dakota	602	—	—	602	—	13
Tennessee	874	—	—	874	29	1
Wisconsin	902	—	—	902	1	35
PAD District 3	21,393	932	4,147	26,472	18,861	29,910
Alabama	983	6	53	1,042	360	15
Arkansas	660	—	—	660	—	43
Louisiana	4,717	412	1,195	6,324	8,743	2,644
Mississippi	940	212	66	1,218	471	796
New Mexico	237	—	—	237	121	2
Texas	13,856	302	2,833	16,991	9,166	26,410
PAD District 4	3,040	136	53	3,229	229	171
Colorado	589	—	—	589	3	18
Idaho	233	—	—	233	—	—
Montana	1,023	81	—	1,104	62	31
Utah	518	11	53	582	73	65
Wyoming	677	44	—	721	91	57
PAD District 5	10,824	341	570	11,735	4,709	417
Alaska	1,106	—	30	1,136	119	3
Arizona	594	—	—	594	—	11
California	5,048	340	332	5,720	2,872	143
Hawaii	315	1	203	519	794	39
Nevada	260	—	5	265	—	—
Oregon	1,186	—	—	1,186	186	—
Washington	2,315	—	—	2,315	738	221
U.S. Total	75,893	2,206	5,885	83,984	29,559	41,483

— = No Data Reported.

¹ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report."

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, April 2023
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components ¹			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
PAD District 1	5	730	735	12,310	26,480	38,790	494
Connecticut	—	—	—	698	22	720	11
Delaware	—	—	—	602	463	1,065	83
District of Columbia	—	—	—	—	—	—	—
Florida	—	299	299	—	6,024	6,024	—
Georgia	—	43	43	—	2,243	2,243	—
Maine	—	—	—	90	457	547	71
Maryland	—	—	—	749	93	842	11
Massachusetts	4	—	4	941	—	941	—
New Hampshire	—	—	—	—	—	—	—
New Jersey	—	236	236	6,392	7,939	14,331	14
New York	1	—	1	584	1,577	2,161	184
North Carolina	—	24	24	—	2,017	2,017	11
Pennsylvania	—	—	—	390	3,672	4,062	54
Rhode Island	—	—	—	601	—	601	—
South Carolina	—	82	82	—	965	965	14
Vermont	—	—	—	—	17	17	2
Virginia	—	8	8	1,263	911	2,174	39
West Virginia	—	38	38	—	80	80	—
PAD District 2	—	1,513	1,513	3,779	31,431	35,211	106
Illinois	—	19	19	2,058	4,439	6,497	53
Indiana	—	120	120	640	4,830	5,470	1
Iowa	—	28	28	—	1,482	1,482	—
Kansas	—	108	108	—	2,560	2,560	14
Kentucky	—	63	63	263	1,276	1,539	—
Michigan	—	9	9	97	2,701	2,798	—
Minnesota	—	180	180	0	2,119	2,119	—
Missouri	—	76	76	132	602	734	—
Nebraska	—	37	37	—	541	541	—
North Dakota	—	35	35	—	858	858	—
Ohio	—	533	533	—	3,529	3,529	5
Oklahoma	—	189	189	—	2,573	2,573	32
South Dakota	—	19	19	—	443	443	—
Tennessee	—	38	38	—	1,897	1,897	—
Wisconsin	—	59	59	589	1,581	2,170	1
PAD District 3	—	6,154	6,154	6,340	54,895	61,235	433
Alabama	—	40	40	5	1,017	1,022	2
Arkansas	—	76	76	—	861	861	—
Louisiana	—	583	583	460	12,038	12,498	1
Mississippi	—	1,313	1,313	13	2,584	2,597	—
New Mexico	—	16	16	37	470	507	—
Texas	—	4,126	4,126	5,825	37,925	43,750	430
PAD District 4	0	841	841	—	5,324	5,324	1
Colorado	—	19	19	—	1,662	1,662	—
Idaho	—	9	9	—	463	463	—
Montana	—	294	294	—	1,267	1,267	—
Utah	0	91	91	—	1,128	1,128	1
Wyoming	—	428	428	—	804	804	—
PAD District 5	20	1,943	1,963	12,000	13,712	25,713	7
Alaska	—	319	319	—	579	579	6
Arizona	—	90	90	341	222	563	—
California	20	404	424	11,617	6,942	18,560	1
Hawaii	—	435	435	—	496	496	—
Nevada	—	93	93	8	350	358	—
Oregon	—	63	63	—	1,484	1,484	—
Washington	—	539	539	34	3,639	3,673	—
U.S. Total	25	11,181	11,206	34,430	131,842	166,272	1,041

See footnotes at end of table.

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, April 2023
(Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil ¹				Residual Fuel Oil	Propane
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
PAD District 1	19,211	589	815	20,615	6,609	4,055
Connecticut	1,257	—	—	1,257	9	—
Delaware	324	56	60	440	658	12
District of Columbia	—	—	—	—	—	—
Florida	1,597	74	—	1,671	538	92
Georgia	1,460	—	—	1,460	188	13
Maine	795	1	—	796	53	—
Maryland	736	—	—	736	168	—
Massachusetts	886	19	—	905	86	—
New Hampshire	259	—	—	259	27	52
New Jersey	4,179	107	303	4,589	3,944	73
New York	1,791	—	101	1,892	502	504
North Carolina	959	—	—	959	20	419
Pennsylvania	2,368	—	109	2,477	264	2,223
Rhode Island	613	—	—	613	—	—
South Carolina	777	—	—	777	42	495
Vermont	8	—	—	8	—	—
Virginia	1,076	275	242	1,593	110	5
West Virginia	126	57	—	183	—	121
PAD District 2	19,681	84	434	20,199	986	9,767
Illinois	3,036	—	2	3,038	268	608
Indiana	2,657	—	57	2,714	119	353
Iowa	1,615	1	—	1,616	1	344
Kansas	2,047	—	—	2,047	32	5,456
Kentucky	740	—	—	740	—	205
Michigan	1,337	—	—	1,337	147	1,665
Minnesota	1,307	—	201	1,508	181	179
Missouri	683	23	2	708	—	66
Nebraska	475	—	—	475	—	188
North Dakota	630	—	—	630	25	50
Ohio	1,525	2	132	1,659	94	527
Oklahoma	1,459	58	40	1,557	54	69
South Dakota	366	—	—	366	—	7
Tennessee	1,030	—	—	1,030	64	3
Wisconsin	773	—	—	773	1	47
PAD District 3	22,838	891	4,894	28,623	20,187	32,540
Alabama	795	8	51	854	510	16
Arkansas	564	—	—	564	—	45
Louisiana	5,047	295	1,053	6,395	9,047	3,303
Mississippi	1,059	271	69	1,399	408	760
New Mexico	314	—	—	314	108	4
Texas	15,059	317	3,721	19,097	10,114	28,412
PAD District 4	2,886	143	27	3,056	239	336
Colorado	565	—	—	565	7	19
Idaho	359	—	—	359	—	—
Montana	946	82	—	1,028	68	30
Utah	472	19	27	518	80	217
Wyoming	544	42	—	586	84	70
PAD District 5	10,295	208	522	11,025	4,321	681
Alaska	1,178	—	34	1,212	9	4
Arizona	597	—	—	597	—	63
California	4,577	207	262	5,046	2,595	285
Hawaii	320	1	223	544	718	74
Nevada	297	—	3	300	—	—
Oregon	1,009	—	—	1,009	174	—
Washington	2,317	—	—	2,317	825	255
U.S. Total	74,911	1,915	6,692	83,518	32,342	47,379

— = No Data Reported.

¹ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report."

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, May 2023
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components ¹			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
PAD District 1	5	1,149	1,154	12,885	27,975	40,860	536
Connecticut	—	—	—	1,212	22	1,234	11
Delaware	—	—	—	513	468	981	92
District of Columbia	—	—	—	—	—	—	—
Florida	—	503	503	—	7,291	7,291	0
Georgia	—	107	107	—	2,712	2,712	—
Maine	—	—	—	58	474	532	64
Maryland	—	—	—	943	87	1,030	16
Massachusetts	4	—	4	1,126	—	1,126	—
New Hampshire	—	—	—	—	—	—	—
New Jersey	—	379	379	6,067	6,874	12,941	14
New York	1	—	1	564	1,737	2,301	212
North Carolina	—	36	36	—	2,596	2,596	10
Pennsylvania	—	—	—	462	3,442	3,904	60
Rhode Island	—	—	—	655	—	655	—
South Carolina	—	39	39	—	1,159	1,159	14
Vermont	—	—	—	—	13	13	4
Virginia	—	28	28	1,285	908	2,193	39
West Virginia	—	57	57	—	192	192	—
PAD District 2	—	1,808	1,808	4,329	29,081	33,411	179
Illinois	—	70	70	2,526	4,400	6,926	97
Indiana	—	81	81	622	3,723	4,345	1
Iowa	—	25	25	—	1,252	1,252	—
Kansas	—	196	196	—	2,590	2,590	9
Kentucky	—	76	76	399	1,379	1,778	—
Michigan	—	9	9	69	2,532	2,601	—
Minnesota	—	277	277	0	1,833	1,833	—
Missouri	—	113	113	153	653	806	—
Nebraska	—	43	43	—	390	390	—
North Dakota	—	27	27	—	607	607	—
Ohio	—	643	643	—	3,633	3,633	5
Oklahoma	—	115	115	—	2,687	2,687	45
South Dakota	—	16	16	—	282	282	—
Tennessee	—	53	53	—	2,110	2,110	—
Wisconsin	—	64	64	560	1,010	1,570	22
PAD District 3	—	6,545	6,545	6,184	53,441	59,625	461
Alabama	—	59	59	6	1,207	1,213	5
Arkansas	—	64	64	—	733	733	—
Louisiana	—	937	937	399	11,801	12,200	1
Mississippi	—	1,560	1,560	14	2,248	2,262	—
New Mexico	—	32	32	21	474	495	—
Texas	—	3,893	3,893	5,744	36,978	42,722	455
PAD District 4	0	766	766	—	4,750	4,750	—
Colorado	—	30	30	—	1,110	1,110	—
Idaho	—	10	10	—	456	456	—
Montana	—	284	284	—	1,131	1,131	—
Utah	0	85	85	—	1,326	1,326	—
Wyoming	—	357	357	—	727	727	—
PAD District 5	16	1,993	2,009	11,550	13,080	24,631	7
Alaska	—	336	336	—	331	331	6
Arizona	—	85	85	525	270	795	—
California	16	410	426	10,981	6,928	17,910	1
Hawaii	—	340	340	—	512	512	—
Nevada	—	98	98	10	263	273	—
Oregon	—	57	57	—	1,496	1,496	—
Washington	—	667	667	34	3,280	3,314	—
U.S. Total	21	12,261	12,282	34,949	128,327	163,276	1,183

See footnotes at end of table.

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, May 2023
(Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil ¹				Residual Fuel Oil	Propane
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
PAD District 1	19,975	637	838	21,450	7,408	4,121
Connecticut	1,047	—	—	1,047	8	—
Delaware	329	41	109	479	438	9
District of Columbia	—	—	—	—	—	—
Florida	2,243	195	0	2,438	1,036	158
Georgia	1,477	—	—	1,477	200	2
Maine	670	1	—	671	50	—
Maryland	639	—	—	639	251	—
Massachusetts	920	14	—	934	79	—
New Hampshire	243	—	—	243	26	63
New Jersey	4,327	61	285	4,673	4,350	74
New York	1,877	—	79	1,956	566	819
North Carolina	1,019	—	—	1,019	20	298
Pennsylvania	2,418	—	123	2,541	215	2,213
Rhode Island	642	—	—	642	—	—
South Carolina	761	—	—	761	130	343
Vermont	10	—	—	10	—	—
Virginia	1,221	291	242	1,754	39	5
West Virginia	132	34	—	166	—	104
PAD District 2	18,439	186	536	19,161	949	13,997
Illinois	3,261	—	6	3,267	287	601
Indiana	2,512	—	59	2,571	140	264
Iowa	1,542	1	—	1,543	1	400
Kansas	1,463	—	—	1,463	29	8,820
Kentucky	789	—	—	789	—	324
Michigan	1,302	—	—	1,302	113	2,219
Minnesota	1,116	—	376	1,492	158	333
Missouri	551	10	3	564	—	30
Nebraska	576	—	—	576	—	287
North Dakota	410	—	—	410	33	55
Ohio	1,942	3	48	1,993	95	523
Oklahoma	1,044	172	44	1,260	60	78
South Dakota	253	—	—	253	—	18
Tennessee	880	—	—	880	32	3
Wisconsin	797	—	—	797	1	42
PAD District 3	23,852	1,213	4,380	29,445	19,728	38,298
Alabama	758	5	63	826	495	7
Arkansas	584	—	—	584	—	45
Louisiana	4,475	437	948	5,860	8,951	3,488
Mississippi	1,178	228	56	1,462	110	2,012
New Mexico	281	—	—	281	66	3
Texas	16,576	543	3,313	20,432	10,106	32,743
PAD District 4	2,687	176	27	2,890	217	684
Colorado	485	—	—	485	7	20
Idaho	274	—	—	274	—	—
Montana	881	115	—	996	57	18
Utah	518	22	27	567	73	565
Wyoming	529	39	—	568	80	81
PAD District 5	9,492	390	653	10,535	4,842	1,271
Alaska	868	—	38	906	147	2
Arizona	566	—	—	566	—	470
California	4,665	390	240	5,295	2,773	407
Hawaii	245	—	371	616	725	56
Nevada	321	—	4	325	—	—
Oregon	831	—	—	831	169	—
Washington	1,996	—	—	1,996	1,028	336
U.S. Total	74,444	2,602	6,434	83,480	33,144	58,371

— = No Data Reported.

¹ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report."

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, June 2023
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components ¹			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
PAD District 1	4	794	798	13,866	28,339	42,205	530
Connecticut	—	—	—	864	35	899	29
Delaware	—	—	—	689	559	1,248	56
District of Columbia	—	—	—	—	—	—	—
Florida	—	365	365	—	7,033	7,033	0
Georgia	—	77	77	—	2,582	2,582	—
Maine	—	—	—	59	514	573	60
Maryland	—	—	—	938	88	1,026	15
Massachusetts	3	—	3	1,349	—	1,349	—
New Hampshire	—	—	—	—	—	—	—
New Jersey	—	186	186	6,746	6,770	13,516	14
New York	1	—	1	602	1,641	2,243	236
North Carolina	—	49	49	—	2,297	2,297	8
Pennsylvania	—	—	—	551	4,599	5,150	56
Rhode Island	—	—	—	682	10	692	—
South Carolina	—	62	62	—	1,129	1,129	13
Vermont	—	—	—	—	11	11	4
Virginia	—	15	15	1,386	891	2,277	39
West Virginia	—	40	40	—	180	180	—
PAD District 2	—	1,801	1,801	3,977	28,677	32,654	153
Illinois	—	55	55	2,208	4,178	6,386	102
Indiana	—	96	96	666	3,222	3,888	1
Iowa	—	40	40	—	1,264	1,264	—
Kansas	—	146	146	—	2,237	2,237	4
Kentucky	—	143	143	361	1,476	1,837	—
Michigan	—	13	13	75	2,595	2,670	—
Minnesota	—	261	261	0	2,023	2,023	—
Missouri	—	126	126	161	635	796	—
Nebraska	—	37	37	—	348	348	—
North Dakota	—	25	25	—	659	659	—
Ohio	—	596	596	—	4,127	4,127	5
Oklahoma	—	132	132	—	2,474	2,474	19
South Dakota	—	10	10	—	267	267	—
Tennessee	—	54	54	—	2,014	2,014	—
Wisconsin	—	67	67	506	1,158	1,664	22
PAD District 3	—	7,360	7,360	7,097	51,076	58,173	591
Alabama	—	91	91	7	1,168	1,175	3
Arkansas	—	93	93	—	849	849	—
Louisiana	—	1,334	1,334	613	11,418	12,031	1
Mississippi	—	1,454	1,454	7	2,182	2,189	—
New Mexico	—	20	20	11	447	458	—
Texas	—	4,368	4,368	6,459	35,012	41,471	587
PAD District 4	0	883	883	—	4,860	4,860	—
Colorado	—	25	25	—	1,052	1,052	—
Idaho	—	5	5	—	481	481	—
Montana	—	309	309	—	1,206	1,206	—
Utah	0	93	93	—	1,551	1,551	—
Wyoming	—	451	451	—	570	570	—
PAD District 5	15	1,978	1,993	12,027	12,202	24,230	9
Alaska	—	238	238	—	343	343	6
Arizona	—	99	99	779	309	1,088	—
California	15	356	371	10,951	6,115	17,067	3
Hawaii	—	432	432	—	553	553	—
Nevada	—	237	237	14	421	435	—
Oregon	—	42	42	—	1,067	1,067	—
Washington	—	574	574	283	3,394	3,677	—
U.S. Total	19	12,816	12,835	36,968	125,154	162,122	1,283

See footnotes at end of table.

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, June 2023
(Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil ¹				Residual Fuel Oil	Propane
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
PAD District 1	18,302	512	771	19,585	6,693	3,332
Connecticut	1,095	—	—	1,095	8	—
Delaware	369	23	59	451	275	7
District of Columbia	—	—	—	—	—	—
Florida	2,265	108	0	2,373	926	198
Georgia	1,420	—	—	1,420	160	8
Maine	663	1	—	664	47	—
Maryland	641	—	—	641	261	—
Massachusetts	871	9	—	880	21	—
New Hampshire	255	—	—	255	25	169
New Jersey	3,267	61	316	3,644	3,696	34
New York	1,741	—	71	1,812	745	1,207
North Carolina	912	—	—	912	20	112
Pennsylvania	2,451	—	93	2,544	293	1,143
Rhode Island	445	—	—	445	—	—
South Carolina	583	—	—	583	101	321
Vermont	9	—	—	9	—	—
Virginia	1,174	266	232	1,672	115	5
West Virginia	141	44	—	185	—	101
PAD District 2	19,985	92	536	20,613	1,063	16,555
Illinois	3,392	—	5	3,397	388	681
Indiana	2,914	—	76	2,990	141	249
Iowa	1,455	1	—	1,456	2	317
Kansas	1,656	—	—	1,656	29	10,310
Kentucky	900	—	—	900	—	367
Michigan	1,531	—	—	1,531	151	3,058
Minnesota	1,186	—	261	1,447	132	425
Missouri	494	20	5	519	—	38
Nebraska	405	—	—	405	—	343
North Dakota	528	—	—	528	32	52
Ohio	2,046	5	125	2,176	75	607
Oklahoma	1,510	66	64	1,640	64	73
South Dakota	271	—	—	271	—	10
Tennessee	930	—	—	930	48	3
Wisconsin	766	—	—	766	1	22
PAD District 3	24,314	1,124	4,481	29,919	18,531	43,271
Alabama	1,071	6	62	1,139	424	15
Arkansas	839	—	—	839	—	43
Louisiana	4,697	462	965	6,124	8,544	3,609
Mississippi	960	189	65	1,214	154	3,308
New Mexico	202	—	—	202	114	3
Texas	16,545	467	3,389	20,401	9,295	36,293
PAD District 4	3,165	203	67	3,435	222	1,055
Colorado	635	—	—	635	7	19
Idaho	335	—	—	335	—	—
Montana	959	112	10	1,081	63	45
Utah	510	19	57	586	71	923
Wyoming	726	72	—	798	81	68
PAD District 5	9,511	254	515	10,280	3,964	1,676
Alaska	1,030	—	32	1,062	132	2
Arizona	508	—	—	508	—	837
California	4,062	253	217	4,532	2,328	454
Hawaii	321	1	262	584	661	44
Nevada	279	—	4	283	—	—
Oregon	838	—	—	838	146	—
Washington	2,473	—	—	2,473	697	339
U.S. Total	75,277	2,185	6,370	83,832	30,473	65,889

— = No Data Reported.

¹ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report."

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, July 2023
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components ¹			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
PAD District 1	3	726	729	15,316	27,568	42,884	630
Connecticut	—	—	—	1,097	33	1,130	26
Delaware	—	—	—	607	486	1,093	91
District of Columbia	—	—	—	—	—	—	—
Florida	—	280	280	—	6,445	6,445	0
Georgia	—	80	80	—	2,624	2,624	—
Maine	—	—	—	57	361	418	167
Maryland	—	—	—	1,218	103	1,321	15
Massachusetts	2	—	2	1,149	—	1,149	—
New Hampshire	—	—	—	—	—	—	—
New Jersey	—	152	152	7,957	7,064	15,021	14
New York	1	—	1	617	1,536	2,153	200
North Carolina	—	53	53	—	2,238	2,238	10
Pennsylvania	—	—	—	564	4,359	4,923	52
Rhode Island	—	—	—	517	6	523	—
South Carolina	—	94	94	—	1,066	1,066	13
Vermont	—	—	—	—	18	18	4
Virginia	—	9	9	1,533	1,039	2,572	38
West Virginia	—	58	58	—	190	190	—
PAD District 2	—	1,812	1,812	4,374	30,309	34,683	191
Illinois	—	39	39	2,362	4,138	6,500	99
Indiana	—	98	98	909	3,971	4,880	1
Iowa	—	19	19	—	1,193	1,193	—
Kansas	—	193	193	—	2,588	2,588	7
Kentucky	—	136	136	332	1,352	1,684	—
Michigan	—	7	7	89	3,037	3,126	—
Minnesota	—	226	226	0	2,473	2,473	—
Missouri	—	152	152	179	681	860	—
Nebraska	—	47	47	—	337	337	—
North Dakota	—	28	28	—	610	610	—
Ohio	—	409	409	—	3,877	3,877	12
Oklahoma	—	283	283	—	2,525	2,525	49
South Dakota	—	11	11	—	269	269	—
Tennessee	—	54	54	—	2,131	2,131	—
Wisconsin	—	110	110	503	1,127	1,630	23
PAD District 3	—	5,749	5,749	6,171	52,118	58,289	585
Alabama	—	89	89	5	1,241	1,246	2
Arkansas	—	68	68	—	964	964	—
Louisiana	—	945	945	575	11,451	12,026	1
Mississippi	—	924	924	6	2,224	2,230	—
New Mexico	—	17	17	11	583	594	—
Texas	—	3,706	3,706	5,574	35,655	41,229	582
PAD District 4	—	942	942	—	4,998	4,998	—
Colorado	—	28	28	—	1,355	1,355	—
Idaho	—	4	4	—	391	391	—
Montana	—	251	251	—	1,161	1,161	—
Utah	—	97	97	—	1,424	1,424	—
Wyoming	—	562	562	—	667	667	—
PAD District 5	16	1,540	1,556	11,917	12,094	24,012	8
Alaska	—	295	295	—	386	386	5
Arizona	—	48	48	735	282	1,017	—
California	16	280	296	10,978	5,781	16,760	3
Hawaii	—	201	201	—	575	575	—
Nevada	—	207	207	14	365	379	—
Oregon	—	71	71	—	1,208	1,208	—
Washington	—	438	438	190	3,497	3,687	—
U.S. Total	19	10,769	10,788	37,779	127,087	164,866	1,414

See footnotes at end of table.

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, July 2023
(Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil ¹				Residual Fuel Oil	Propane
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
PAD District 1	21,400	534	780	22,714	6,091	5,724
Connecticut	993	—	—	993	7	—
Delaware	355	28	69	452	301	9
District of Columbia	—	—	—	—	—	—
Florida	2,457	78	0	2,535	1,160	250
Georgia	1,556	—	—	1,556	116	9
Maine	827	1	—	828	46	—
Maryland	807	—	—	807	279	—
Massachusetts	779	17	—	796	41	—
New Hampshire	184	—	—	184	24	291
New Jersey	5,355	56	359	5,770	3,065	52
New York	1,861	—	62	1,923	659	1,896
North Carolina	956	—	—	956	20	328
Pennsylvania	2,564	—	56	2,620	227	2,245
Rhode Island	504	—	—	504	—	—
South Carolina	798	—	—	798	59	531
Vermont	9	—	—	9	—	—
Virginia	1,241	287	234	1,762	87	5
West Virginia	154	67	—	221	—	85
PAD District 2	24,231	85	355	24,671	1,215	19,357
Illinois	3,048	—	6	3,054	426	834
Indiana	3,926	—	36	3,962	168	337
Iowa	2,278	1	—	2,279	2	384
Kansas	2,415	—	—	2,415	29	11,794
Kentucky	866	—	—	866	—	360
Michigan	1,457	—	—	1,457	153	4,021
Minnesota	1,853	—	150	2,003	174	336
Missouri	529	44	7	580	—	30
Nebraska	494	—	—	494	—	371
North Dakota	797	—	—	797	40	50
Ohio	1,821	11	117	1,949	95	724
Oklahoma	1,737	29	39	1,805	73	57
South Dakota	558	—	—	558	—	15
Tennessee	942	—	—	942	53	4
Wisconsin	1,509	—	—	1,509	2	40
PAD District 3	24,529	883	5,092	30,504	16,450	44,915
Alabama	833	7	57	897	480	12
Arkansas	747	—	—	747	—	32
Louisiana	4,596	455	1,089	6,140	8,345	3,825
Mississippi	910	153	63	1,126	193	4,631
New Mexico	280	—	—	280	77	3
Texas	17,163	268	3,883	21,314	7,355	36,412
PAD District 4	3,005	150	48	3,203	213	1,371
Colorado	716	—	—	716	3	21
Idaho	217	—	—	217	—	—
Montana	851	76	14	941	62	28
Utah	471	13	34	518	62	1,242
Wyoming	750	61	—	811	86	80
PAD District 5	9,442	148	470	10,060	4,540	2,063
Alaska	904	—	43	947	178	2
Arizona	706	—	—	706	—	1,127
California	4,291	146	252	4,689	2,975	553
Hawaii	305	2	172	479	522	74
Nevada	298	—	3	301	—	—
Oregon	825	—	—	825	147	—
Washington	2,113	—	—	2,113	718	307
U.S. Total	82,606	1,800	6,745	91,151	28,509	73,430

— = No Data Reported.

¹ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report."

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, August 2023
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components ¹			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
PAD District 1	5	1,076	1,081	14,387	26,941	41,328	500
Connecticut	—	—	—	963	33	996	22
Delaware	—	—	—	452	600	1,052	102
District of Columbia	—	—	—	—	—	—	—
Florida	—	241	241	—	5,112	5,112	0
Georgia	—	66	66	—	2,738	2,738	—
Maine	—	—	—	42	590	632	158
Maryland	—	—	—	1,037	79	1,116	12
Massachusetts	4	—	4	806	—	806	—
New Hampshire	—	—	—	—	—	—	—
New Jersey	—	538	538	7,684	8,044	15,728	14
New York	1	—	1	510	1,459	1,969	90
North Carolina	—	45	45	—	2,119	2,119	6
Pennsylvania	—	—	—	442	3,494	3,936	54
Rhode Island	—	—	—	933	6	939	—
South Carolina	—	116	116	—	1,224	1,224	13
Vermont	—	—	—	—	16	16	3
Virginia	—	31	31	1,518	1,246	2,764	26
West Virginia	—	39	39	—	181	181	—
PAD District 2	—	1,837	1,837	3,820	30,045	33,866	181
Illinois	—	55	55	2,113	4,136	6,249	91
Indiana	—	77	77	686	3,567	4,253	1
Iowa	—	40	40	—	1,578	1,578	—
Kansas	—	206	206	—	2,509	2,509	20
Kentucky	—	81	81	306	1,229	1,535	—
Michigan	—	8	8	41	2,853	2,894	—
Minnesota	—	212	212	0	2,415	2,415	—
Missouri	—	101	101	198	789	987	—
Nebraska	—	50	50	—	387	387	—
North Dakota	—	31	31	—	585	585	—
Ohio	—	485	485	—	3,930	3,930	2
Oklahoma	—	329	329	—	2,325	2,325	45
South Dakota	—	17	17	—	273	273	—
Tennessee	—	56	56	—	2,228	2,228	—
Wisconsin	—	89	89	476	1,241	1,717	22
PAD District 3	—	5,695	5,695	5,258	53,558	58,816	568
Alabama	—	65	65	11	1,148	1,159	4
Arkansas	—	96	96	—	893	893	—
Louisiana	—	581	581	149	11,570	11,719	1
Mississippi	—	1,129	1,129	7	2,358	2,365	—
New Mexico	—	18	18	11	587	598	—
Texas	—	3,806	3,806	5,080	37,002	42,082	563
PAD District 4	—	779	779	—	5,258	5,258	2
Colorado	—	16	16	—	1,462	1,462	—
Idaho	—	10	10	—	352	352	—
Montana	—	295	295	—	1,394	1,394	—
Utah	—	80	80	—	1,321	1,321	2
Wyoming	—	378	378	—	729	729	—
PAD District 5	10	2,136	2,146	10,681	12,282	22,964	7
Alaska	—	299	299	—	315	315	4
Arizona	—	112	112	575	267	842	—
California	10	347	357	9,725	5,911	15,637	3
Hawaii	—	358	358	—	558	558	—
Nevada	—	244	244	8	361	369	—
Oregon	—	86	86	—	1,198	1,198	—
Washington	—	690	690	373	3,672	4,045	—
U.S. Total	15	11,523	11,538	34,147	128,084	162,231	1,258

See footnotes at end of table.

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, August 2023
(Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil ¹				Residual Fuel Oil	Propane
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
PAD District 1	20,883	568	820	22,271	4,890	6,955
Connecticut	916	—	—	916	6	—
Delaware	305	24	102	431	345	10
District of Columbia	—	—	—	—	—	—
Florida	1,658	132	0	1,790	1,010	268
Georgia	1,435	—	—	1,435	145	12
Maine	826	1	—	827	41	—
Maryland	555	—	—	555	202	—
Massachusetts	785	13	—	798	53	—
New Hampshire	137	—	—	137	25	434
New Jersey	7,008	54	319	7,381	2,058	79
New York	1,870	—	64	1,934	662	2,341
North Carolina	851	—	—	851	10	439
Pennsylvania	2,192	—	61	2,253	172	2,489
Rhode Island	572	—	—	572	—	—
South Carolina	562	—	—	562	44	762
Vermont	6	—	—	6	—	—
Virginia	1,072	264	274	1,610	117	5
West Virginia	133	80	—	213	—	94
PAD District 2	24,491	161	304	24,956	1,447	22,795
Illinois	3,427	—	4	3,431	604	1,074
Indiana	3,724	—	84	3,808	240	294
Iowa	2,099	1	—	2,100	1	464
Kansas	2,434	—	—	2,434	16	13,795
Kentucky	755	—	—	755	—	386
Michigan	1,474	—	—	1,474	190	5,100
Minnesota	2,233	—	56	2,289	136	632
Missouri	574	11	6	591	—	34
Nebraska	547	—	—	547	—	362
North Dakota	765	—	—	765	33	61
Ohio	2,036	4	92	2,132	105	458
Oklahoma	1,426	145	62	1,633	71	87
South Dakota	567	—	—	567	—	12
Tennessee	839	—	—	839	49	4
Wisconsin	1,590	—	—	1,590	2	32
PAD District 3	23,929	937	4,767	29,633	15,267	50,038
Alabama	930	4	93	1,027	407	15
Arkansas	825	—	—	825	—	40
Louisiana	4,331	423	929	5,683	7,328	3,889
Mississippi	716	388	62	1,166	183	5,096
New Mexico	330	—	—	330	86	3
Texas	16,797	122	3,683	20,602	7,263	40,995
PAD District 4	2,537	138	63	2,738	196	1,558
Colorado	624	—	—	624	4	16
Idaho	178	—	—	178	—	—
Montana	809	81	10	900	62	17
Utah	502	10	53	565	56	1,463
Wyoming	424	47	—	471	74	62
PAD District 5	8,808	245	462	9,515	4,172	2,436
Alaska	808	—	54	862	134	2
Arizona	452	—	—	452	—	1,401
California	4,244	244	216	4,704	2,452	608
Hawaii	292	1	190	483	595	72
Nevada	307	—	2	309	—	—
Oregon	673	—	—	673	149	—
Washington	2,032	—	—	2,032	842	353
U.S. Total	80,647	2,049	6,416	89,112	25,972	83,782

— = No Data Reported.

¹ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report."

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, September 2023
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components ¹			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
PAD District 1	4	967	971	15,780	28,711	44,491	446
Connecticut	—	—	—	931	49	980	9
Delaware	—	—	—	831	415	1,246	92
District of Columbia	—	—	—	—	—	—	—
Florida	—	378	378	—	6,416	6,416	—
Georgia	—	57	57	—	2,325	2,325	—
Maine	—	—	—	92	421	513	152
Maryland	—	—	—	902	59	961	9
Massachusetts	3	—	3	1,057	—	1,057	—
New Hampshire	—	—	—	—	—	—	—
New Jersey	—	300	300	8,993	8,905	17,898	14
New York	1	—	1	929	1,658	2,587	77
North Carolina	—	34	34	—	2,420	2,420	7
Pennsylvania	—	—	—	462	3,553	4,015	48
Rhode Island	—	—	—	584	52	636	—
South Carolina	—	121	121	—	1,069	1,069	12
Vermont	—	—	—	—	11	11	2
Virginia	—	21	21	999	1,179	2,178	24
West Virginia	—	56	56	—	179	179	—
PAD District 2	—	1,818	1,818	3,841	30,574	34,415	230
Illinois	—	38	38	2,092	4,296	6,388	157
Indiana	—	120	120	810	3,520	4,330	1
Iowa	—	22	22	—	1,296	1,296	—
Kansas	—	141	141	—	2,558	2,558	23
Kentucky	—	108	108	276	1,349	1,625	—
Michigan	—	13	13	30	3,107	3,137	—
Minnesota	—	198	198	0	2,867	2,867	—
Missouri	—	75	75	263	712	975	—
Nebraska	—	42	42	—	373	373	—
North Dakota	—	56	56	—	702	702	—
Ohio	—	589	589	—	3,969	3,969	6
Oklahoma	—	282	282	—	2,165	2,165	21
South Dakota	—	16	16	—	282	282	—
Tennessee	—	52	52	—	2,048	2,048	—
Wisconsin	—	66	66	370	1,330	1,700	22
PAD District 3	—	6,021	6,021	5,678	54,480	60,158	723
Alabama	—	78	78	7	1,417	1,424	5
Arkansas	—	105	105	—	1,012	1,012	—
Louisiana	—	709	709	164	11,975	12,139	1
Mississippi	—	1,348	1,348	8	2,289	2,297	—
New Mexico	—	24	24	21	536	557	—
Texas	—	3,757	3,757	5,478	37,251	42,729	717
PAD District 4	—	749	749	383	4,774	5,157	2
Colorado	—	2	2	383	1,034	1,417	—
Idaho	—	6	6	—	322	322	—
Montana	—	280	280	—	1,393	1,393	—
Utah	—	99	99	—	1,357	1,357	2
Wyoming	—	362	362	—	668	668	—
PAD District 5	16	2,164	2,180	11,708	13,360	25,069	5
Alaska	—	261	261	—	382	382	4
Arizona	—	124	124	786	237	1,023	—
California	16	391	407	10,432	6,588	17,021	1
Hawaii	—	523	523	—	658	658	—
Nevada	—	169	169	5	392	397	—
Oregon	—	79	79	—	1,085	1,085	—
Washington	—	617	617	485	4,018	4,503	—
U.S. Total	20	11,719	11,739	37,391	131,899	169,290	1,406

See footnotes at end of table.

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, September 2023
(Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil ¹				Residual Fuel Oil	Propane
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
PAD District 1	20,083	508	722	21,313	5,627	7,202
Connecticut	974	—	—	974	5	—
Delaware	429	21	71	521	410	8
District of Columbia	—	—	—	—	—	—
Florida	1,854	104	—	1,958	1,018	350
Georgia	1,134	—	—	1,134	151	11
Maine	759	2	—	761	37	—
Maryland	479	—	—	479	178	—
Massachusetts	743	17	—	760	37	—
New Hampshire	221	—	—	221	18	560
New Jersey	5,763	33	257	6,053	2,816	80
New York	1,852	—	70	1,922	451	2,425
North Carolina	829	—	—	829	—	387
Pennsylvania	2,630	—	44	2,674	263	2,242
Rhode Island	532	—	—	532	—	—
South Carolina	618	—	—	618	132	768
Vermont	6	—	—	6	—	—
Virginia	1,097	253	280	1,630	111	4
West Virginia	163	78	—	241	—	78
PAD District 2	23,465	111	285	23,861	1,319	24,671
Illinois	3,033	—	2	3,035	546	971
Indiana	4,028	—	94	4,122	272	388
Iowa	1,873	—	—	1,873	1	379
Kansas	2,260	—	—	2,260	25	14,959
Kentucky	862	—	—	862	—	383
Michigan	1,676	—	—	1,676	139	5,843
Minnesota	1,881	—	30	1,911	105	630
Missouri	557	34	5	596	—	70
Nebraska	634	—	—	634	—	362
North Dakota	721	—	—	721	24	57
Ohio	2,074	5	89	2,168	88	509
Oklahoma	1,099	72	65	1,236	58	60
South Dakota	496	—	—	496	—	18
Tennessee	837	—	—	837	60	4
Wisconsin	1,433	—	—	1,433	1	38
PAD District 3	26,244	1,051	4,918	32,213	16,004	53,086
Alabama	1,041	6	80	1,127	445	16
Arkansas	701	—	—	701	—	25
Louisiana	5,115	436	846	6,397	7,178	3,741
Mississippi	898	397	62	1,357	420	5,162
New Mexico	311	—	—	311	46	4
Texas	18,178	212	3,930	22,320	7,915	44,138
PAD District 4	2,895	163	56	3,114	225	1,682
Colorado	637	—	—	637	7	17
Idaho	192	—	—	192	—	—
Montana	836	94	13	943	62	17
Utah	648	11	43	702	76	1,579
Wyoming	582	58	—	640	80	69
PAD District 5	10,075	302	360	10,737	4,600	2,656
Alaska	894	—	65	959	119	2
Arizona	661	—	—	661	—	1,567
California	4,668	300	160	5,128	3,086	668
Hawaii	279	2	132	413	464	56
Nevada	389	—	3	392	—	—
Oregon	997	—	—	997	145	—
Washington	2,187	—	—	2,187	786	363
U.S. Total	82,762	2,135	6,341	91,238	27,775	89,297

— = No Data Reported.

¹ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report."

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, October 2023
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components ¹			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
PAD District 1	5	631	636	13,570	27,299	40,869	561
Connecticut	—	—	—	778	38	816	24
Delaware	—	—	—	727	326	1,053	34
District of Columbia	—	—	—	—	—	—	—
Florida	—	287	287	—	5,765	5,765	—
Georgia	—	73	73	—	2,411	2,411	—
Maine	—	—	—	92	370	462	166
Maryland	—	—	—	776	84	860	16
Massachusetts	4	—	4	1,268	—	1,268	—
New Hampshire	—	—	—	—	—	—	—
New Jersey	—	15	15	7,148	8,616	15,764	43
New York	1	—	1	768	1,306	2,074	153
North Carolina	—	34	34	—	2,579	2,579	24
Pennsylvania	—	—	—	363	3,291	3,654	70
Rhode Island	—	—	—	471	49	520	—
South Carolina	—	151	151	—	1,166	1,166	11
Vermont	—	—	—	—	25	25	2
Virginia	—	20	20	1,179	1,062	2,241	18
West Virginia	—	51	51	—	211	211	—
PAD District 2	—	1,843	1,843	3,987	29,336	33,324	129
Illinois	—	44	44	2,093	4,081	6,174	77
Indiana	—	154	154	823	3,842	4,665	—
Iowa	—	26	26	—	1,102	1,102	—
Kansas	—	130	130	—	2,410	2,410	16
Kentucky	—	107	107	379	1,127	1,506	—
Michigan	—	10	10	104	2,836	2,940	—
Minnesota	—	274	274	0	2,159	2,159	—
Missouri	—	123	123	196	601	797	—
Nebraska	—	54	54	—	570	570	—
North Dakota	—	75	75	—	755	755	—
Ohio	—	478	478	—	4,293	4,293	15
Oklahoma	—	215	215	—	2,124	2,124	—
South Dakota	—	29	29	—	235	235	—
Tennessee	—	43	43	—	2,043	2,043	—
Wisconsin	—	81	81	392	1,158	1,550	21
PAD District 3	—	5,976	5,976	5,672	54,741	60,413	576
Alabama	—	83	83	30	1,382	1,412	4
Arkansas	—	112	112	—	1,172	1,172	—
Louisiana	—	1,103	1,103	230	11,698	11,928	1
Mississippi	—	1,299	1,299	9	2,344	2,353	—
New Mexico	—	24	24	12	602	614	—
Texas	—	3,355	3,355	5,391	37,543	42,934	571
PAD District 4	—	782	782	262	4,937	5,199	2
Colorado	—	2	2	262	1,085	1,347	—
Idaho	—	5	5	—	309	309	—
Montana	—	282	282	—	1,261	1,261	—
Utah	—	86	86	—	1,528	1,528	2
Wyoming	—	407	407	—	754	754	—
PAD District 5	17	2,096	2,113	11,369	12,373	23,743	5
Alaska	—	335	335	—	389	389	4
Arizona	—	78	78	803	235	1,038	—
California	17	353	370	10,246	6,250	16,497	1
Hawaii	—	418	418	—	620	620	—
Nevada	—	276	276	12	470	482	—
Oregon	—	83	83	—	1,118	1,118	—
Washington	—	553	553	308	3,291	3,599	—
U.S. Total	22	11,329	11,351	34,861	128,686	163,547	1,273

See footnotes at end of table.

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, October 2023
(Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil ¹				Residual Fuel Oil	Propane
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
PAD District 1	17,121	530	771	18,422	5,360	8,150
Connecticut	912	—	—	912	9	—
Delaware	343	37	78	458	380	15
District of Columbia	—	—	—	—	—	—
Florida	1,792	101	—	1,893	713	385
Georgia	1,029	—	—	1,029	372	15
Maine	838	2	—	840	50	—
Maryland	350	—	—	350	172	—
Massachusetts	874	6	—	880	36	—
New Hampshire	169	—	—	169	31	548
New Jersey	3,929	39	263	4,231	2,989	82
New York	2,001	—	109	2,110	219	2,583
North Carolina	814	—	—	814	—	457
Pennsylvania	1,920	—	40	1,960	171	2,877
Rhode Island	466	—	—	466	—	—
South Carolina	699	—	—	699	115	819
Vermont	11	—	—	11	—	—
Virginia	800	269	281	1,350	103	4
West Virginia	174	76	—	250	—	85
PAD District 2	19,113	212	176	19,501	1,441	23,711
Illinois	2,388	—	2	2,390	638	969
Indiana	2,786	—	24	2,810	293	429
Iowa	1,562	1	—	1,563	1	440
Kansas	1,881	—	—	1,881	22	14,121
Kentucky	739	—	—	739	—	375
Michigan	1,232	—	—	1,232	185	5,698
Minnesota	1,410	—	33	1,443	81	595
Missouri	527	47	5	579	—	62
Nebraska	616	—	—	616	—	382
North Dakota	624	—	—	624	25	42
Ohio	1,890	15	73	1,978	80	483
Oklahoma	1,354	149	39	1,542	59	65
South Dakota	305	—	—	305	—	8
Tennessee	834	—	—	834	53	3
Wisconsin	965	—	—	965	4	39
PAD District 3	23,179	1,069	4,765	29,013	16,287	49,486
Alabama	880	6	70	956	480	12
Arkansas	459	—	—	459	—	31
Louisiana	4,986	489	921	6,396	7,994	3,902
Mississippi	910	382	59	1,351	370	4,864
New Mexico	344	—	—	344	62	4
Texas	15,600	192	3,715	19,507	7,381	40,673
PAD District 4	2,908	151	35	3,094	211	1,652
Colorado	560	—	—	560	9	20
Idaho	246	—	—	246	—	—
Montana	1,003	78	8	1,089	65	13
Utah	633	18	27	678	51	1,545
Wyoming	466	55	—	521	86	74
PAD District 5	9,226	229	415	9,870	4,289	2,794
Alaska	938	—	60	998	29	2
Arizona	875	—	—	875	—	1,642
California	4,323	228	153	4,704	2,797	673
Hawaii	246	1	198	445	428	46
Nevada	207	—	4	211	—	—
Oregon	854	—	—	854	137	—
Washington	1,783	—	—	1,783	898	431
U.S. Total	71,547	2,191	6,162	79,900	27,588	85,793

— = No Data Reported.

¹ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report."

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, November 2023
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components ¹			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
PAD District 1	5	726	731	12,688	26,508	39,196	721
Connecticut	—	—	—	935	38	973	39
Delaware	—	—	—	669	445	1,114	90
District of Columbia	—	—	—	—	—	—	—
Florida	—	417	417	—	5,063	5,063	—
Georgia	—	58	58	—	2,500	2,500	—
Maine	—	—	—	102	505	607	171
Maryland	—	—	—	1,033	99	1,132	44
Massachusetts	4	—	4	1,072	—	1,072	—
New Hampshire	—	—	—	—	—	—	—
New Jersey	—	47	47	5,332	7,606	12,938	89
New York	1	—	1	784	1,443	2,227	167
North Carolina	—	51	51	—	2,561	2,561	22
Pennsylvania	—	—	—	594	3,828	4,422	77
Rhode Island	—	—	—	718	36	754	—
South Carolina	—	100	100	—	1,079	1,079	9
Vermont	—	—	—	—	13	13	3
Virginia	—	13	13	1,449	1,113	2,562	10
West Virginia	—	40	40	—	179	179	—
PAD District 2	—	1,889	1,889	4,183	31,897	36,081	187
Illinois	—	52	52	2,343	4,312	6,655	108
Indiana	—	122	122	771	3,641	4,412	3
Iowa	—	37	37	—	1,434	1,434	—
Kansas	—	188	188	—	3,000	3,000	13
Kentucky	—	113	113	213	1,592	1,805	—
Michigan	—	10	10	109	2,758	2,867	—
Minnesota	—	257	257	0	2,522	2,522	—
Missouri	—	62	62	268	715	983	—
Nebraska	—	57	57	—	523	523	—
North Dakota	—	66	66	—	842	842	—
Ohio	—	476	476	—	4,145	4,145	19
Oklahoma	—	252	252	103	2,680	2,783	27
South Dakota	—	40	40	—	296	296	—
Tennessee	—	49	49	—	2,241	2,241	—
Wisconsin	—	108	108	376	1,196	1,572	17
PAD District 3	—	7,061	7,061	6,695	54,789	61,484	906
Alabama	—	99	99	14	1,588	1,602	2
Arkansas	—	120	120	—	940	940	—
Louisiana	—	976	976	219	11,792	12,011	1
Mississippi	—	1,877	1,877	12	2,035	2,047	—
New Mexico	—	26	26	30	603	633	—
Texas	—	3,963	3,963	6,420	37,831	44,251	903
PAD District 4	—	925	925	348	5,123	5,471	2
Colorado	—	3	3	348	900	1,248	—
Idaho	—	7	7	—	425	425	—
Montana	—	335	335	—	1,369	1,369	—
Utah	—	84	84	—	1,505	1,505	2
Wyoming	—	496	496	—	924	924	—
PAD District 5	17	1,815	1,832	10,955	11,707	22,662	7
Alaska	—	268	268	—	464	464	6
Arizona	—	61	61	807	246	1,053	—
California	17	303	320	9,826	5,577	15,403	1
Hawaii	—	239	239	—	589	589	—
Nevada	—	247	247	19	318	337	—
Oregon	—	71	71	—	1,024	1,024	—
Washington	—	626	626	303	3,489	3,792	—
U.S. Total	22	12,416	12,438	34,869	130,024	164,893	1,823

See footnotes at end of table.

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, November 2023
(Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil ¹				Residual Fuel Oil	Propane
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
PAD District 1	18,110	603	683	19,396	4,631	8,362
Connecticut	905	—	—	905	9	—
Delaware	366	27	64	457	381	10
District of Columbia	—	—	—	—	—	—
Florida	1,528	142	—	1,670	561	396
Georgia	1,175	—	—	1,175	341	11
Maine	821	2	—	823	28	—
Maryland	479	—	—	479	138	—
Massachusetts	531	8	—	539	62	—
New Hampshire	306	—	—	306	21	422
New Jersey	3,840	106	185	4,131	2,538	86
New York	2,215	—	138	2,353	183	2,349
North Carolina	941	—	—	941	—	405
Pennsylvania	2,578	—	28	2,606	178	3,385
Rhode Island	632	—	—	632	—	—
South Carolina	645	—	—	645	98	768
Vermont	8	—	—	8	—	—
Virginia	1,001	250	268	1,519	93	5
West Virginia	139	68	—	207	—	86
PAD District 2	20,333	203	270	20,806	1,253	21,561
Illinois	3,276	—	2	3,278	527	895
Indiana	2,139	—	52	2,191	202	378
Iowa	1,339	1	—	1,340	1	395
Kansas	1,956	—	—	1,956	30	13,187
Kentucky	777	—	—	777	—	330
Michigan	1,253	—	—	1,253	165	4,889
Minnesota	1,623	—	65	1,688	97	519
Missouri	656	39	6	701	—	22
Nebraska	766	—	—	766	—	339
North Dakota	756	—	—	756	24	49
Ohio	1,842	15	80	1,937	95	453
Oklahoma	1,624	148	65	1,837	62	56
South Dakota	333	—	—	333	—	3
Tennessee	1,131	—	—	1,131	36	5
Wisconsin	861	—	—	861	14	41
PAD District 3	25,157	971	3,862	29,990	15,480	42,431
Alabama	896	9	64	969	444	12
Arkansas	437	—	—	437	—	40
Louisiana	5,496	421	800	6,717	8,100	2,958
Mississippi	836	279	61	1,176	264	4,718
New Mexico	270	—	—	270	34	3
Texas	17,222	262	2,937	20,421	6,638	34,700
PAD District 4	3,247	115	82	3,444	205	1,533
Colorado	731	—	—	731	3	14
Idaho	322	—	—	322	—	—
Montana	1,052	45	13	1,110	70	21
Utah	557	19	69	645	44	1,431
Wyoming	585	51	—	636	88	67
PAD District 5	9,745	200	670	10,615	4,275	2,715
Alaska	1,074	—	57	1,131	72	3
Arizona	690	—	—	690	—	1,509
California	4,359	199	385	4,943	3,030	638
Hawaii	181	1	224	406	525	30
Nevada	445	—	4	449	—	—
Oregon	863	—	—	863	120	—
Washington	2,133	—	—	2,133	528	535
U.S. Total	76,591	2,092	5,567	84,250	25,844	76,602

— = No Data Reported.

¹ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report."

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, December 2023
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components ¹			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
PAD District 1	5	731	736	17,823	27,778	45,601	837
Connecticut	—	—	—	1,421	38	1,459	33
Delaware	—	—	—	894	500	1,394	57
District of Columbia	—	—	—	—	—	—	—
Florida	—	471	471	—	5,415	5,415	—
Georgia	—	72	72	—	2,957	2,957	—
Maine	—	—	—	102	559	661	132
Maryland	—	—	—	1,160	75	1,235	38
Massachusetts	4	—	4	1,523	—	1,523	—
New Hampshire	—	—	—	—	—	—	—
New Jersey	—	15	15	8,376	7,394	15,770	229
New York	1	—	1	834	1,715	2,549	228
North Carolina	—	49	49	—	2,937	2,937	23
Pennsylvania	—	—	—	746	3,690	4,436	80
Rhode Island	—	—	—	944	11	955	—
South Carolina	—	62	62	—	1,249	1,249	8
Vermont	—	—	—	—	21	21	3
Virginia	—	21	21	1,823	1,083	2,906	6
West Virginia	—	41	41	—	134	134	—
PAD District 2	—	1,854	1,854	4,615	37,870	42,485	200
Illinois	—	38	38	2,281	4,750	7,031	143
Indiana	—	125	125	1,022	4,785	5,807	2
Iowa	—	35	35	—	2,338	2,338	—
Kansas	—	188	188	—	3,490	3,490	14
Kentucky	—	73	73	274	1,398	1,672	—
Michigan	—	11	11	95	3,128	3,223	—
Minnesota	—	273	273	0	2,778	2,778	—
Missouri	—	139	139	366	757	1,123	—
Nebraska	—	60	60	—	848	848	—
North Dakota	—	73	73	—	906	906	—
Ohio	—	385	385	—	4,224	4,224	8
Oklahoma	—	256	256	103	4,117	4,220	21
South Dakota	—	33	33	—	429	429	—
Tennessee	—	56	56	—	2,078	2,078	—
Wisconsin	—	109	109	474	1,844	2,318	12
PAD District 3	—	8,313	8,313	6,401	55,717	62,118	691
Alabama	—	110	110	21	1,548	1,569	5
Arkansas	—	86	86	—	1,008	1,008	—
Louisiana	—	679	679	291	11,709	12,000	1
Mississippi	—	3,004	3,004	17	2,156	2,173	—
New Mexico	—	20	20	16	650	666	—
Texas	—	4,414	4,414	6,056	38,646	44,702	685
PAD District 4	—	1,074	1,074	281	5,262	5,543	2
Colorado	—	4	4	281	1,113	1,394	—
Idaho	—	8	8	—	409	409	—
Montana	—	399	399	—	1,394	1,394	—
Utah	—	96	96	—	1,503	1,503	2
Wyoming	—	567	567	—	843	843	—
PAD District 5	17	1,830	1,847	11,639	12,626	24,265	9
Alaska	—	280	280	—	441	441	6
Arizona	—	122	122	968	315	1,283	—
California	17	226	243	10,304	5,927	16,231	3
Hawaii	—	240	240	—	506	506	—
Nevada	—	184	184	19	366	385	—
Oregon	—	54	54	—	991	991	—
Washington	—	724	724	348	4,080	4,428	—
U.S. Total	22	13,802	13,824	40,759	139,254	180,013	1,739

See footnotes at end of table.

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, December 2023
(Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil ¹				Residual Fuel Oil	Propane
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
PAD District 1	25,099	552	616	26,267	4,859	6,519
Connecticut	1,326	—	—	1,326	11	—
Delaware	459	46	74	579	297	12
District of Columbia	—	—	—	—	—	—
Florida	1,678	43	—	1,721	877	340
Georgia	1,500	—	—	1,500	240	13
Maine	1,393	2	—	1,395	55	—
Maryland	779	—	—	779	197	—
Massachusetts	1,149	8	—	1,157	42	—
New Hampshire	588	—	—	588	32	631
New Jersey	5,931	117	123	6,171	2,654	93
New York	2,765	—	109	2,874	117	1,867
North Carolina	1,071	—	—	1,071	—	424
Pennsylvania	3,346	—	75	3,421	235	1,999
Rhode Island	890	—	—	890	—	—
South Carolina	800	—	—	800	58	613
Vermont	10	—	—	10	—	—
Virginia	1,225	247	235	1,707	44	5
West Virginia	189	89	—	278	—	93
PAD District 2	25,584	130	292	26,006	1,179	17,880
Illinois	3,559	—	2	3,561	480	871
Indiana	2,847	—	28	2,875	120	550
Iowa	2,546	1	—	2,547	1	507
Kansas	2,369	—	—	2,369	29	10,368
Kentucky	864	—	—	864	—	243
Michigan	1,594	—	—	1,594	162	3,848
Minnesota	2,060	—	64	2,124	128	474
Missouri	806	65	9	880	—	90
Nebraska	967	—	—	967	—	359
North Dakota	974	—	—	974	26	63
Ohio	2,067	13	127	2,207	105	410
Oklahoma	1,819	51	62	1,932	59	26
South Dakota	641	—	—	641	—	21
Tennessee	1,188	—	—	1,188	59	4
Wisconsin	1,283	—	—	1,283	10	46
PAD District 3	27,336	1,048	3,710	32,094	13,775	37,867
Alabama	1,204	6	59	1,269	344	14
Arkansas	656	—	—	656	—	12
Louisiana	4,927	525	877	6,329	6,683	3,074
Mississippi	1,231	335	69	1,635	48	3,826
New Mexico	325	—	—	325	67	4
Texas	18,993	182	2,705	21,880	6,633	30,937
PAD District 4	3,547	147	104	3,798	203	1,359
Colorado	650	—	—	650	3	22
Idaho	298	—	—	298	—	—
Montana	1,164	55	22	1,241	61	24
Utah	652	37	82	771	51	1,245
Wyoming	783	55	—	838	88	68
PAD District 5	10,994	265	550	11,809	4,078	2,172
Alaska	1,092	—	57	1,149	36	3
Arizona	830	—	—	830	—	1,262
California	4,739	265	355	5,359	2,780	602
Hawaii	301	—	134	435	605	22
Nevada	439	—	4	443	—	—
Oregon	1,035	—	—	1,035	75	—
Washington	2,558	—	—	2,558	582	283
U.S. Total	92,560	2,142	5,272	99,974	24,094	65,797

— = No Data Reported.

¹ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report."

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, January 2023
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	329	30	0	1,769	51,517	5,631	3,215	2,347	24,011
Petroleum Products	16,869	51	0	22,028	44,002	13,596	5,436	103,337	20,351
Natural Gas Liquids	7,553	38	0	7,752	31,872	8,682	1,043	2,751	13,463
Ethane	5,377	0	-	441	14,144	2,018	-	0	1,111
Propane	1,105	9	0	5,493	8,973	3,456	310	2,730	2,050
Normal Butane	381	1	0	1,721	4,116	1,451	682	21	889
Isobutane	451	27	0	97	1,558	514	52	0	1,126
Natural Gasoline	239	0	-	0	3,081	1,243	-	0	8,287
Refinery Olefins	0	0	-	171	399	-	-	0	0
Ethylene	-	-	-	-	-	-	-	-	-
Propylene	0	0	-	171	399	-	-	0	0
Normal Butylene	-	-	-	-	-	-	-	-	-
Isobutylene	-	-	-	-	-	-	-	-	-
Unfinished Oils	57	0	-	0	1,167	-	-	30	138
Motor Gasoline Blending Components	6,601	0	0	1,681	1,607	2,117	0	57,948	2,627
Reformulated - RBOB	0	0	0	0	231	-	0	6,894	435
Conventional	6,601	0	0	1,681	1,376	2,117	0	51,054	2,192
CBOB	6,601	0	0	1,681	1,273	2,117	0	50,283	2,192
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	-	0	103	-	-	771	0
Biofuels (including Fuel Ethanol)	0	0	0	8,490	5,446	568	4,211	3	3
Fuel Ethanol	0	0	0	8,312	5,151	555	3,226	0	0
Biodiesel	0	0	0	178	295	14	320	0	0
Renewable Diesel Fuel	0	0	0	0	0	0	664	3	3
Other Biofuels ²	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	58	0	0	437	137	131	0	2,006	377
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	58	0	0	437	137	131	0	2,006	377
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	58	0	0	437	137	131	0	2,006	377
Finished Aviation Gasoline	0	0	-	0	0	-	-	124	45
Kerosene-Type Jet Fuel	309	0	0	956	39	1,074	0	12,205	2,079
Kerosene	-	0	-	0	0	-	-	298	-
Distillate Fuel Oil	2,244	0	0	1,386	1,112	1,006	0	27,080	1,256
15 ppm sulfur and under	2,244	0	0	1,386	1,112	1,006	0	26,692	1,168
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	0	-	-	-	88
Greater than 500 ppm sulfur	-	0	-	0	0	-	-	388	-
Residual Fuel Oil	0	0	-	-	880	-	-	-	0
Petrochemical Feedstocks	0	0	-	-	94	-	-	-	9
Naphtha for Petrochemical Feedstock Use	0	0	-	-	94	-	-	-	9
Other Oils for Petrochemical Feedstock Use	-	-	-	-	-	-	-	-	-
Special Naphthas	0	0	-	-	0	-	-	-	31
Lubricants	0	0	-	0	9	-	-	486	177
Waxes	-	-	-	-	-	-	-	-	-
Marketable Petroleum Coke	0	12	0	401	747	13	6	32	22
Asphalt and Road Oil	47	0	0	753	493	5	175	373	115
Miscellaneous Products	0	0	-	-	0	-	-	-	9
Total	17,198	81	0	23,797	95,519	19,227	8,651	105,684	44,362

See footnotes at end of table.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail¹ Between PAD Districts, January 2023
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to			
	4	5	1	2	3	5	1	2	3	4
Crude Oil	0	0	0	26,548	1,607	0	0	0	0	0
Petroleum Products	5	6,622	0	19,807	3,203	3,159	3	13	64	65
Natural Gas Liquids	0	231	0	18,675	2,961	747	0	0	0	0
Ethane	0	—	0	5,298	901	—	0	0	0	0
Propane	0	0	0	6,957	950	393	0	0	0	0
Normal Butane	0	131	0	2,873	425	292	0	0	0	0
Isobutane	0	100	0	1,112	209	62	0	0	0	0
Natural Gasoline	0	—	0	2,435	476	—	0	0	0	0
Refinery Olefins	—	—	0	0	0	—	0	0	0	—
Ethylene	—	—	—	—	—	—	—	—	—	—
Propylene	—	—	0	0	0	—	0	0	0	—
Normal Butylene	—	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—	—
Unfinished Oils	—	—	0	0	0	—	0	0	0	—
Motor Gasoline Blending Components	0	3,505	0	148	0	1,305	0	0	0	0
Reformulated - RBOB	—	1,876	0	0	0	0	0	0	0	—
Conventional	0	1,629	0	148	0	1,305	0	0	0	0
CBOB	0	1,629	0	148	0	1,305	0	0	0	0
GTAB	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	0	0	—	0	0	0	—
Biofuels (including Fuel Ethanol)	0	1,816	0	0	0	326	0	0	0	0
Fuel Ethanol	0	509	0	0	0	72	0	0	0	0
Biodiesel	0	45	0	0	0	0	0	0	0	0
Renewable Diesel Fuel	0	1,263	0	0	0	254	0	0	0	0
Other Biofuels ²	—	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	0	0	0	371	0	59	0	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—	—
Conventional	0	0	0	371	0	59	0	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—	—
Conventional Other	0	0	0	371	0	59	0	0	0	0
Finished Aviation Gasoline	—	—	0	0	0	—	0	0	0	—
Kerosene-Type Jet Fuel	0	217	0	12	0	8	0	0	0	0
Kerosene	—	—	0	—	0	—	0	—	0	—
Distillate Fuel Oil	0	781	0	457	0	356	0	0	0	0
15 ppm sulfur and under	0	781	0	457	0	356	0	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	0	0	—	—	0	0	—
Greater than 500 ppm sulfur	—	—	0	—	0	—	0	—	0	—
Residual Fuel Oil	—	—	—	0	0	—	—	0	0	—
Petrochemical Feedstocks	—	—	—	0	0	—	—	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	0	—
Other Oils for Petrochemical Feedstock Use	—	—	—	—	—	—	—	—	—	—
Special Naphthas	—	—	—	0	0	—	—	0	0	—
Lubricants	—	—	0	0	0	—	0	0	0	—
Waxes	—	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	0	0	85	120	79	3	13	64	29
Asphalt and Road Oil	5	72	0	58	122	279	0	0	0	36
Miscellaneous Products	—	—	—	0	0	—	—	0	0	—
Total	5	6,622	0	46,355	4,810	3,159	3	13	64	65

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, renewable diesel fuel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, February 2023
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	397	17	0	710	52,023	5,438	3,238	1,385	17,833
Petroleum Products	15,506	23	0	21,792	45,997	13,096	5,116	101,986	17,483
Natural Gas Liquids	7,082	17	0	7,481	33,794	8,779	636	1,920	9,752
Ethane	5,372	0	—	446	14,522	2,074	—	0	929
Propane	840	0	0	5,205	11,773	3,488	187	1,896	1,591
Normal Butane	224	10	0	1,710	3,529	1,460	388	25	584
Isobutane	435	7	0	119	1,326	515	62	0	744
Natural Gasoline	210	0	—	0	2,644	1,242	—	0	5,905
Refinery Olefins	0	0	—	250	412	—	—	0	0
Ethylene	—	—	—	—	—	—	—	—	—
Propylene	0	0	—	250	412	—	—	0	0
Normal Butylene	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—
Unfinished Oils	40	0	—	0	1,148	—	—	34	358
Motor Gasoline Blending Components	5,469	0	0	1,339	1,363	2,033	0	56,553	3,738
Reformulated - RBOB	0	0	0	0	0	—	0	6,520	1,123
Conventional	5,469	0	0	1,339	1,363	2,033	0	50,033	2,615
CBOB	5,469	0	0	1,339	1,260	2,033	0	48,835	2,562
GTAB	—	—	—	—	—	—	—	—	—
Other	0	0	—	0	103	—	—	1,198	53
Biofuels (including Fuel Ethanol)	5	0	0	9,257	5,582	500	4,210	0	0
Fuel Ethanol	0	0	0	9,040	5,308	482	3,533	0	0
Biodiesel	5	0	0	216	275	18	277	0	0
Renewable Diesel Fuel	0	0	0	—	0	0	400	—	0
Other Biofuels ²	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	73	0	0	439	194	126	0	1,574	401
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	73	0	0	439	194	126	0	1,574	401
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	73	0	0	439	194	126	0	1,574	401
Finished Aviation Gasoline	—	0	—	0	0	—	—	122	—
Kerosene-Type Jet Fuel	292	0	0	659	108	834	0	13,600	1,837
Kerosene	—	0	—	0	0	—	—	298	—
Distillate Fuel Oil	2,445	0	0	1,224	1,018	759	0	27,109	1,111
15 ppm sulfur and under	2,445	0	0	1,224	1,018	759	0	26,801	1,055
Greater than 15 ppm to 500 ppm sulfur	0	0	—	—	0	—	—	—	56
Greater than 500 ppm sulfur	—	0	—	0	0	—	—	308	—
Residual Fuel Oil	0	0	—	—	865	—	—	—	0
Petrochemical Feedstocks	0	0	—	—	47	—	—	—	0
Naphtha for Petrochemical Feedstock Use	0	0	—	—	47	—	—	—	0
Other Oils for Petrochemical Feedstock Use	—	—	—	—	—	—	—	—	—
Special Naphthas	0	0	—	—	0	—	—	—	15
Lubricants	0	0	—	0	32	—	—	483	148
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	6	0	252	993	29	32	45	29
Asphalt and Road Oil	100	0	0	891	441	36	237	248	89
Miscellaneous Products	0	0	—	—	0	—	—	—	5
Total	15,903	40	0	22,502	98,020	18,534	8,354	103,371	35,316

See footnotes at end of table.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, February 2023
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to			
	4	5	1	2	3	5	1	2	3	4
Crude Oil	0	0	0	24,078	1,628	0	0	0	0	0
Petroleum Products	12	5,616	0	18,457	3,336	2,440	0	19	23	48
Natural Gas Liquids	0	97	0	17,631	3,008	277	0	0	0	0
Ethane	0	—	0	5,050	806	—	0	0	0	0
Propane	0	0	0	6,543	1,033	126	0	0	0	0
Normal Butane	0	53	0	2,709	434	109	0	0	0	0
Isobutane	0	44	0	1,036	241	42	0	0	0	0
Natural Gasoline	0	—	0	2,293	494	—	0	0	0	0
Refinery Olefins	—	—	0	0	0	—	0	0	0	—
Ethylene	—	—	—	—	—	—	—	—	—	—
Propylene	—	—	0	0	0	—	0	0	0	—
Normal Butylene	—	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—	—
Unfinished Oils	—	—	0	0	0	—	0	0	0	—
Motor Gasoline Blending Components	0	3,344	0	177	0	1,107	0	0	0	0
Reformulated - RBOB	—	1,845	0	0	0	0	0	0	0	—
Conventional	0	1,499	0	177	0	1,107	0	0	0	0
CBOB	0	1,499	0	177	0	1,107	0	0	0	0
GTAB	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	0	0	—	0	0	0	—
Biofuels (including Fuel Ethanol)	9	1,028	0	0	0	398	0	3	0	0
Fuel Ethanol	0	24	0	0	0	81	0	0	0	0
Biodiesel	0	14	0	0	0	0	0	0	0	0
Renewable Diesel Fuel	9	989	—	0	0	316	—	3	0	0
Other Biofuels ²	—	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	0	0	0	234	0	86	0	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—	—
Conventional	0	0	0	234	0	86	0	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—	—
Conventional Other	0	0	0	234	0	86	0	0	0	0
Finished Aviation Gasoline	—	—	0	—	0	—	0	—	0	—
Kerosene-Type Jet Fuel	0	156	0	12	0	35	0	0	0	0
Kerosene	—	—	0	—	0	—	0	—	0	—
Distillate Fuel Oil	0	877	0	341	0	339	0	0	0	0
15 ppm sulfur and under	0	877	0	341	0	339	0	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	0	0	—	—	0	0	—
Greater than 500 ppm sulfur	—	—	0	—	0	—	0	—	0	—
Residual Fuel Oil	—	—	—	0	0	—	—	0	0	—
Petrochemical Feedstocks	—	—	—	0	0	—	—	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	0	—
Other Oils for Petrochemical Feedstock Use	—	—	—	—	—	—	—	—	—	—
Special Naphthas	—	—	—	0	0	—	—	0	0	—
Lubricants	—	—	0	0	0	—	0	0	0	—
Waxes	—	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	0	0	16	171	66	0	16	23	6
Asphalt and Road Oil	2	114	0	46	157	132	0	0	0	41
Miscellaneous Products	—	—	—	0	0	—	—	0	0	—
Total	12	5,616	0	42,535	4,965	2,440	0	19	23	48

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, renewable diesel fuel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, March 2023
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	477	18	0	1,017	61,938	5,453	2,473	1,764	15,050
Petroleum Products	17,050	71	0	23,128	53,257	14,447	5,703	104,393	19,173
Natural Gas Liquids	7,676	54	0	8,194	40,243	10,125	633	1,966	11,290
Ethane	5,762	0	—	412	17,954	2,580	—	0	1,152
Propane	970	0	0	5,460	13,185	3,925	367	1,966	1,427
Normal Butane	210	44	0	2,174	4,274	1,649	218	0	297
Isobutane	496	10	0	148	1,687	583	48	0	838
Natural Gasoline	238	0	—	0	3,143	1,388	—	0	7,576
Refinery Olefins	0	0	—	183	599	—	—	0	0
Ethylene	—	—	—	—	—	—	—	—	—
Propylene	0	0	—	183	599	—	—	0	0
Normal Butylene	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—
Unfinished Oils	40	0	0	0	1,311	—	0	20	761
Motor Gasoline Blending Components	6,389	0	0	1,304	1,384	2,163	0	61,031	2,408
Reformulated - RBOB	0	0	0	0	0	—	0	6,235	113
Conventional	6,389	0	0	1,304	1,384	2,163	0	54,796	2,295
CBOB	6,389	0	0	1,304	1,222	2,163	0	54,244	2,195
GTAB	—	—	—	—	—	—	—	—	—
Other	0	0	0	0	162	—	0	552	100
Biofuels (including Fuel Ethanol)	0	0	0	10,779	6,264	472	4,844	0	3
Fuel Ethanol	0	0	0	10,587	5,961	454	4,033	0	0
Biodiesel	0	0	0	192	304	18	352	0	0
Renewable Diesel Fuel	0	0	0	—	0	0	459	—	3
Other Biofuels ²	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	45	0	0	420	111	112	0	1,411	538
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	45	0	0	420	111	112	0	1,411	538
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	45	0	0	420	111	112	0	1,411	538
Finished Aviation Gasoline	0	0	—	0	0	—	—	40	25
Kerosene-Type Jet Fuel	369	0	0	153	105	858	0	13,645	1,016
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	2,487	10	0	1,189	836	641	0	25,331	2,600
15 ppm sulfur and under	2,487	10	0	1,189	784	641	0	25,105	2,472
Greater than 15 ppm to 500 ppm sulfur	0	0	—	—	52	—	—	—	128
Greater than 500 ppm sulfur	—	0	—	0	0	—	—	226	—
Residual Fuel Oil	0	0	—	—	832	—	—	—	0
Petrochemical Feedstocks	0	0	—	—	40	—	—	—	0
Naphtha for Petrochemical Feedstock Use	—	—	—	—	—	—	—	—	—
Other Oils for Petrochemical Feedstock Use	0	0	—	—	40	—	—	—	0
Special Naphthas	0	0	—	—	0	—	—	—	29
Lubricants	0	0	0	0	9	—	0	626	286
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	6	0	100	1,213	6	23	6	26
Asphalt and Road Oil	44	0	0	805	311	70	204	317	178
Miscellaneous Products	0	0	—	—	0	—	—	—	13
Total	17,527	89	0	24,145	115,196	19,900	8,176	106,157	34,223

See footnotes at end of table.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail¹ Between PAD Districts, March 2023
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to			
	4	5	1	2	3	5	1	2	3	4
Crude Oil	0	0	0	24,067	1,578	0	0	0	0	0
Petroleum Products	7	6,035	5	21,636	4,461	2,506	9	13	183	17
Natural Gas Liquids	0	14	0	20,440	4,134	169	0	0	0	0
Ethane	0	—	0	6,150	1,339	—	0	0	0	0
Propane	0	0	0	7,452	1,391	70	0	0	0	0
Normal Butane	0	7	0	3,077	514	71	0	0	0	0
Isobutane	0	7	0	1,179	316	28	0	0	0	0
Natural Gasoline	0	—	0	2,582	574	—	0	0	0	0
Refinery Olefins	—	—	0	0	0	—	0	0	0	—
Ethylene	—	—	—	—	—	—	—	—	—	—
Propylene	—	—	0	0	0	—	0	0	0	—
Normal Butylene	—	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—	—
Unfinished Oils	—	0	0	0	0	0	0	0	70	—
Motor Gasoline Blending Components	0	3,139	0	166	0	1,207	0	0	0	0
Reformulated - RBOB	—	1,521	0	0	0	0	0	0	0	—
Conventional	0	1,618	0	166	0	1,207	0	0	0	0
CBOB	0	1,460	0	166	0	1,207	0	0	0	0
GTAB	—	—	—	—	—	—	—	—	—	—
Other	—	158	0	0	0	0	0	0	0	—
Biofuels (including Fuel Ethanol)	0	1,807	0	0	0	406	0	0	0	0
Fuel Ethanol	0	448	0	0	0	111	0	0	0	0
Biodiesel	0	14	0	0	0	0	0	0	0	0
Renewable Diesel Fuel	0	1,345	—	0	0	296	—	0	0	0
Other Biofuels ²	—	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	0	0	0	339	0	75	0	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—	—
Conventional	0	0	0	339	0	75	0	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—	—
Conventional Other	0	0	0	339	0	75	0	0	0	0
Finished Aviation Gasoline	—	—	0	0	0	—	0	0	0	—
Kerosene-Type Jet Fuel	0	235	0	12	0	30	0	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	0	734	0	310	0	357	0	0	0	0
15 ppm sulfur and under	0	734	0	310	0	357	0	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	0	0	—	—	0	0	—
Greater than 500 ppm sulfur	—	—	0	—	0	—	0	—	0	—
Residual Fuel Oil	—	—	—	0	0	—	—	0	0	—
Petrochemical Feedstocks	—	—	—	0	0	—	—	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	—	—	—	—	—	—	—
Other Oils for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	0	—
Special Naphthas	—	—	—	0	0	—	—	0	0	—
Lubricants	—	7	0	0	0	0	0	0	87	—
Waxes	—	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	0	0	196	161	104	6	13	26	6
Asphalt and Road Oil	7	99	5	173	165	157	3	0	0	10
Miscellaneous Products	—	—	—	0	0	—	—	0	0	—
Total	7	6,035	5	45,703	6,038	2,506	9	13	183	17

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, renewable diesel fuel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, April 2023
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	340	12	0	1,228	61,547	5,374	3,775	1,744	22,582
Petroleum Products	17,138	65	0	22,098	51,785	14,734	5,165	101,797	20,854
Natural Gas Liquids	6,829	42	0	7,734	39,435	10,706	469	1,709	10,249
Ethane	5,129	0	0	0	18,075	3,049	—	0	903
Propane	963	7	0	5,834	12,157	4,025	316	1,709	1,316
Normal Butane	374	11	0	1,792	4,698	1,667	78	0	536
Isobutane	355	24	0	108	1,520	586	75	0	772
Natural Gasoline	9	0	—	0	2,985	1,379	—	0	6,722
Refinery Olefins	0	0	—	275	628	—	—	0	0
Ethylene	—	—	—	—	—	—	—	—	—
Propylene	0	0	—	275	628	—	—	0	0
Normal Butylene	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—
Unfinished Oils	41	0	0	0	828	—	0	45	922
Motor Gasoline Blending Components	6,952	0	0	1,069	1,672	2,061	0	57,556	4,014
Reformulated - RBOB	0	0	0	0	210	—	0	7,691	1,783
Conventional	6,952	0	0	1,069	1,462	2,061	0	49,865	2,231
CBOB	6,952	0	0	1,069	1,203	2,061	0	48,921	1,927
GTAB	—	—	—	—	—	—	—	—	—
Other	0	0	0	0	259	—	0	944	304
Biofuels (including Fuel Ethanol)	3	10	0	8,866	6,231	379	4,487	0	6
Fuel Ethanol	0	0	0	8,758	5,960	372	3,821	0	0
Biodiesel	3	10	0	108	271	7	250	0	3
Renewable Diesel Fuel	0	0	0	—	0	0	416	—	3
Other Biofuels ²	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	57	0	0	859	25	106	0	1,966	809
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	57	0	0	859	25	106	0	1,966	809
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	57	0	0	859	25	106	0	1,966	809
Finished Aviation Gasoline	—	0	—	0	0	—	—	52	—
Kerosene-Type Jet Fuel	391	0	0	839	30	818	0	15,589	1,122
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	2,835	0	0	1,114	903	585	0	24,022	3,362
15 ppm sulfur and under	2,835	0	0	1,114	903	585	0	23,776	3,293
Greater than 15 ppm to 500 ppm sulfur	0	0	—	—	0	—	—	—	69
Greater than 500 ppm sulfur	—	0	—	0	0	—	—	246	—
Residual Fuel Oil	0	0	—	—	797	—	—	—	0
Petrochemical Feedstocks	0	0	—	—	121	—	—	—	0
Naphtha for Petrochemical Feedstock Use	0	0	—	—	98	—	—	—	0
Other Oils for Petrochemical Feedstock Use	0	0	—	—	23	—	—	—	0
Special Naphthas	0	0	—	—	0	—	—	—	42
Lubricants	0	0	0	0	20	—	0	508	176
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	6	0	456	760	6	0	45	32
Asphalt and Road Oil	30	7	0	885	335	72	209	305	110
Miscellaneous Products	0	0	—	—	0	—	—	—	9
Total	17,478	77	0	23,326	113,332	20,108	8,940	103,541	43,436

See footnotes at end of table.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail¹ Between PAD Districts, April 2023
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to			
	4	5	1	2	3	5	1	2	3	4
Crude Oil	0	0	0	23,894	1,018	0	0	0	0	0
Petroleum Products	0	4,860	13	21,819	4,080	2,204	3	23	216	83
Natural Gas Liquids	0	23	0	21,131	3,697	220	0	0	0	0
Ethane	0	—	0	6,590	1,291	—	0	0	0	0
Propane	0	0	0	7,598	1,167	130	0	0	0	0
Normal Butane	0	0	0	3,136	452	47	0	0	0	0
Isobutane	0	23	0	1,206	282	43	0	0	0	0
Natural Gasoline	0	—	0	2,601	505	—	0	0	0	0
Refinery Olefins	—	—	0	0	0	—	0	0	0	—
Ethylene	—	—	—	—	—	—	—	—	—	—
Propylene	—	—	0	0	0	—	0	0	0	—
Normal Butylene	—	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—	—
Unfinished Oils	—	0	0	0	0	0	0	0	85	—
Motor Gasoline Blending Components	0	2,572	0	159	0	1,122	0	0	50	0
Reformulated - RBOB	—	1,189	0	0	0	0	0	0	0	—
Conventional	0	1,383	0	159	0	1,122	0	0	50	0
CBOB	0	1,383	0	159	0	1,122	0	0	0	0
GTAB	—	—	—	—	—	—	—	—	—	—
Other	—	0	0	0	0	0	0	0	50	—
Biofuels (including Fuel Ethanol)	0	1,449	0	3	0	261	0	0	0	12
Fuel Ethanol	0	309	0	0	0	55	0	0	0	0
Biodiesel	0	3	0	0	0	0	0	0	0	6
Renewable Diesel Fuel	0	1,137	—	3	0	206	—	0	0	6
Other Biofuels ²	—	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	0	0	0	130	0	101	0	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—	—
Conventional	0	0	0	130	0	101	0	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—	—
Conventional Other	0	0	0	130	0	101	0	0	0	0
Finished Aviation Gasoline	—	—	0	—	0	—	0	—	0	—
Kerosene-Type Jet Fuel	0	110	0	0	0	1	0	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	0	588	0	208	0	307	0	0	49	0
15 ppm sulfur and under	0	588	0	208	0	307	0	0	49	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	0	0	—	—	0	0	—
Greater than 500 ppm sulfur	—	—	0	—	0	—	0	—	0	—
Residual Fuel Oil	—	—	—	0	0	—	—	0	0	—
Petrochemical Feedstocks	—	—	—	0	0	—	—	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	0	—
Other Oils for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	0	—
Special Naphthas	—	—	—	0	0	—	—	0	0	—
Lubricants	—	8	0	0	0	0	0	0	0	—
Waxes	—	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	3	0	117	218	73	3	23	32	19
Asphalt and Road Oil	0	107	13	71	165	119	0	0	0	52
Miscellaneous Products	—	—	—	0	0	—	—	0	0	—
Total	0	4,860	13	45,713	5,098	2,204	3	23	216	83

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, renewable diesel fuel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, May 2023
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	284	20	0	935	61,976	6,430	3,472	1,444	24,666
Petroleum Products	17,751	39	0	22,725	48,661	15,712	6,578	103,582	24,855
Natural Gas Liquids	7,660	39	0	8,112	36,708	11,219	691	496	10,363
Ethane	5,881	0	0	0	17,821	2,946	0	0	937
Propane	1,065	13	0	6,094	10,575	4,265	523	496	1,299
Normal Butane	307	5	0	1,866	4,253	1,825	89	0	556
Isobutane	398	20	0	152	1,368	632	79	0	726
Natural Gasoline	9	0	0	0	2,691	1,551	0	0	6,845
Refinery Olefins	0	0	0	187	488	0	0	0	0
Ethylene	0	0	0	0	0	0	0	0	0
Propylene	0	0	0	187	488	0	0	0	0
Normal Butylene	0	0	0	0	0	0	0	0	0
Isobutylene	0	0	0	0	0	0	0	0	0
Unfinished Oils	43	0	0	0	1,365	0	0	65	285
Motor Gasoline Blending Components	6,670	0	0	1,049	1,490	2,298	0	60,560	6,479
Reformulated - RBOB	0	0	0	0	144	0	0	9,759	4,062
Conventional	6,670	0	0	1,049	1,346	2,298	0	50,801	2,417
CBOB	6,670	0	0	1,049	1,226	2,298	0	50,117	2,191
GTAB	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	120	0	0	684	226
Biofuels (including Fuel Ethanol)	5	0	0	9,019	5,920	508	5,659	0	6
Fuel Ethanol	0	0	0	8,956	5,668	499	5,305	0	0
Biodiesel	5	0	0	63	252	9	212	0	6
Renewable Diesel Fuel	0	0	0	0	0	0	142	0	0
Other Biofuels ²	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	106	0	0	989	0	114	0	1,767	2,268
Reformulated	0	0	0	0	0	0	0	0	0
Reformulated Blended with Fuel Ethanol	0	0	0	0	0	0	0	0	0
Reformulated Other	0	0	0	0	0	0	0	0	0
Conventional	106	0	0	989	0	114	0	1,767	2,268
Conventional Blended with Fuel Ethanol	0	0	0	0	0	0	0	0	0
Ed55 and Lower	0	0	0	0	0	0	0	0	0
Greater than Ed55	0	0	0	0	0	0	0	0	0
Conventional Other	106	0	0	989	0	114	0	1,767	2,268
Finished Aviation Gasoline	0	0	0	0	0	0	0	51	35
Kerosene-Type Jet Fuel	401	0	0	902	59	630	0	15,912	1,348
Kerosene	0	0	0	0	0	0	0	0	0
Distillate Fuel Oil	2,840	0	0	1,257	985	894	0	23,914	3,639
15 ppm sulfur and under	2,840	0	0	1,257	985	894	0	23,582	3,541
Greater than 15 ppm to 500 ppm sulfur	0	0	0	0	0	0	0	0	98
Greater than 500 ppm sulfur	0	0	0	0	0	0	0	332	0
Residual Fuel Oil	0	0	0	0	606	0	0	0	0
Petrochemical Feedstocks	0	0	0	0	70	0	0	0	56
Naphtha for Petrochemical Feedstock Use	0	0	0	0	48	0	0	0	56
Other Oils for Petrochemical Feedstock Use	0	0	0	0	22	0	0	0	0
Special Naphthas	0	0	0	0	0	0	0	0	10
Lubricants	0	0	0	0	10	0	0	416	164
Waxes	0	0	0	0	0	0	0	0	0
Marketable Petroleum Coke	0	0	0	230	488	16	6	13	16
Asphalt and Road Oil	26	0	0	980	471	34	222	388	179
Miscellaneous Products	0	0	0	0	0	0	0	0	7
Total	18,035	59	0	23,660	110,637	22,142	10,050	105,026	49,521

See footnotes at end of table.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, May 2023
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to			
	4	5	1	2	3	5	1	2	3	4
Crude Oil	0	0	0	27,856	1,703	0	0	0	0	0
Petroleum Products	3	4,893	0	22,998	4,183	2,309	0	19	28	79
Natural Gas Liquids	0	50	0	22,185	3,903	144	0	0	0	0
Ethane	0	—	0	6,800	1,364	—	0	0	0	0
Propane	0	0	0	7,962	1,235	138	0	0	0	0
Normal Butane	0	0	0	3,312	480	0	0	0	0	0
Isobutane	0	50	0	1,287	293	6	0	0	0	0
Natural Gasoline	0	—	0	2,824	531	—	0	0	0	0
Refinery Olefins	—	—	0	0	0	—	0	0	0	—
Ethylene	—	—	—	—	—	—	—	—	—	—
Propylene	—	—	0	0	0	—	0	0	0	—
Normal Butylene	—	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—	—
Unfinished Oils	—	—	0	0	0	—	0	0	0	—
Motor Gasoline Blending Components	0	2,928	0	201	0	1,145	0	0	0	0
Reformulated - RBOB	—	1,432	0	0	0	0	0	0	0	—
Conventional	0	1,496	0	201	0	1,145	0	0	0	0
CBOB	0	1,496	0	201	0	1,145	0	0	0	0
GTAB	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	0	0	—	0	0	0	—
Biofuels (including Fuel Ethanol)	3	1,037	0	0	0	431	0	0	0	28
Fuel Ethanol	0	0	0	0	0	39	0	0	0	0
Biodiesel	0	39	0	0	0	0	0	0	0	28
Renewable Diesel Fuel	3	998	—	0	0	392	—	0	0	0
Other Biofuels ²	—	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	0	0	0	45	0	102	0	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—	—
Conventional	0	0	0	45	0	102	0	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—	—
Conventional Other	0	0	0	45	0	102	0	0	0	0
Finished Aviation Gasoline	—	—	0	0	0	—	0	0	0	—
Kerosene-Type Jet Fuel	0	92	0	0	0	1	0	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	0	663	0	191	0	243	0	0	0	0
15 ppm sulfur and under	0	663	0	191	0	243	0	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	0	0	—	—	0	0	—
Greater than 500 ppm sulfur	—	—	0	—	0	—	0	—	0	—
Residual Fuel Oil	—	—	—	0	0	—	—	0	0	—
Petrochemical Feedstocks	—	—	—	0	0	—	—	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	0	—
Other Oils for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	0	—
Special Naphthas	—	—	—	0	0	—	—	0	0	—
Lubricants	—	8	0	0	0	0	0	0	0	—
Waxes	—	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	0	0	266	108	154	0	19	26	0
Asphalt and Road Oil	0	114	0	109	172	89	0	0	3	52
Miscellaneous Products	—	—	—	0	0	—	—	0	0	—
Total	3	4,893	0	50,854	5,886	2,309	0	19	28	79

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, renewable diesel fuel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, June 2023
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	321	12	0	1,289	56,190	6,786	3,932	1,701	23,932
Petroleum Products	17,624	28	0	24,043	46,148	15,010	5,682	98,428	23,197
Natural Gas Liquids	7,555	18	0	8,392	35,634	10,617	371	560	9,988
Ethane	6,117	0	—	573	16,120	2,273	—	0	1,022
Propane	921	4	0	5,769	9,866	4,236	258	560	1,176
Normal Butane	187	7	0	1,965	4,988	1,845	106	0	294
Isobutane	322	7	0	84	1,462	636	8	0	996
Natural Gasoline	7	0	—	0	3,198	1,627	—	0	6,500
Refinery Olefins	0	0	—	225	407	—	—	0	0
Ethylene	—	—	—	—	—	—	—	—	—
Propylene	0	0	—	225	407	—	—	0	0
Normal Butylene	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—
Unfinished Oils	21	0	—	0	588	—	—	40	255
Motor Gasoline Blending Components	6,651	0	0	1,205	1,316	2,084	0	56,284	6,372
Reformulated - RBOB	0	0	0	0	0	—	0	9,711	4,218
Conventional	6,651	0	0	1,205	1,316	2,084	0	46,573	2,154
CBOB	6,651	0	0	1,205	1,215	2,084	0	45,986	2,068
GTAB	—	—	—	—	—	—	—	—	—
Other	0	0	—	0	101	—	—	587	86
Biofuels (including Fuel Ethanol)	5	0	0	9,860	6,024	509	4,996	0	6
Fuel Ethanol	0	0	0	9,831	5,805	482	4,195	0	0
Biodiesel	5	0	0	29	218	27	235	0	3
Renewable Diesel Fuel	0	0	0	—	0	0	566	—	3
Other Biofuels ²	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	95	0	0	751	0	101	0	1,276	1,295
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	95	0	0	751	0	101	0	1,276	1,295
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	95	0	0	751	0	101	0	1,276	1,295
Finished Aviation Gasoline	0	0	—	0	0	—	—	134	25
Kerosene-Type Jet Fuel	377	0	0	1,033	55	827	0	15,870	1,240
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	2,864	0	0	1,174	824	809	0	23,313	3,643
15 ppm sulfur and under	2,864	0	0	1,174	824	809	0	23,069	3,538
Greater than 15 ppm to 500 ppm sulfur	0	0	—	0	0	—	—	—	105
Greater than 500 ppm sulfur	—	0	—	0	0	—	—	244	—
Residual Fuel Oil	0	0	—	—	495	—	—	—	0
Petrochemical Feedstocks	0	0	—	0	94	—	—	300	38
Naphtha for Petrochemical Feedstock Use	0	0	—	0	94	—	—	300	38
Other Oils for Petrochemical Feedstock Use	—	—	—	—	—	—	—	—	—
Special Naphthas	0	0	—	—	0	—	—	—	25
Lubricants	0	0	0	0	19	—	0	360	166
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	9	0	503	535	10	13	3	16
Asphalt and Road Oil	56	0	0	900	157	54	302	288	121
Miscellaneous Products	0	0	—	—	0	—	—	—	7
Total	17,945	40	0	25,331	102,338	21,796	9,614	100,129	47,129

See footnotes at end of table.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, June 2023
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to			
	4	5	1	2	3	5	1	2	3	4
Crude Oil	0	0	0	27,188	1,161	0	0	0	0	0
Petroleum Products	0	6,375	0	22,480	5,087	2,377	3	16	32	64
Natural Gas Liquids	0	75	0	21,162	4,905	91	0	0	0	0
Ethane	0	—	0	5,818	1,872	—	0	0	0	0
Propane	0	0	0	7,816	1,507	44	0	0	0	0
Normal Butane	0	1	0	3,333	445	1	0	0	0	0
Isobutane	0	74	0	1,283	366	47	0	0	0	0
Natural Gasoline	0	—	0	2,912	715	—	0	0	0	0
Refinery Olefins	—	—	0	0	0	—	0	0	0	—
Ethylene	—	—	—	—	—	—	—	—	—	—
Propylene	—	—	0	0	0	—	0	0	0	—
Normal Butylene	—	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—	—
Unfinished Oils	—	—	0	0	0	—	0	0	0	—
Motor Gasoline Blending Components	0	3,329	0	231	0	1,042	0	0	0	0
Reformulated - RBOB	—	1,789	0	0	0	0	0	0	0	—
Conventional	0	1,540	0	231	0	1,042	0	0	0	0
CBOB	0	1,540	0	231	0	1,042	0	0	0	0
GTAB	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	0	0	—	0	0	0	—
Biofuels (including Fuel Ethanol)	0	1,725	0	3	0	420	0	0	0	22
Fuel Ethanol	0	352	0	0	0	55	0	0	0	0
Biodiesel	0	20	0	0	0	0	0	0	0	15
Renewable Diesel Fuel	0	1,354	—	3	0	364	—	0	0	6
Other Biofuels ²	—	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	0	0	0	369	0	87	0	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—	—
Conventional	0	0	0	369	0	87	0	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—	—
Conventional Other	0	0	0	369	0	87	0	0	0	0
Finished Aviation Gasoline	—	—	0	0	0	—	0	0	0	—
Kerosene-Type Jet Fuel	0	261	0	12	0	23	0	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	0	892	0	396	0	281	0	0	0	0
15 ppm sulfur and under	0	892	0	396	0	281	0	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	0	0	—	—	0	0	—
Greater than 500 ppm sulfur	—	—	0	—	0	—	0	—	0	—
Residual Fuel Oil	—	—	—	0	0	—	—	0	0	—
Petrochemical Feedstocks	—	—	0	0	0	—	0	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	0	0	0	—	0	0	0	—
Other Oils for Petrochemical Feedstock Use	—	—	—	—	—	—	—	—	—	—
Special Naphthas	—	—	—	0	0	—	—	0	0	—
Lubricants	—	14	0	0	0	0	0	0	0	—
Waxes	—	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	0	0	241	32	108	3	16	32	3
Asphalt and Road Oil	0	79	0	66	150	325	0	0	0	39
Miscellaneous Products	—	—	—	0	0	—	—	0	0	—
Total	0	6,375	0	49,668	6,247	2,377	3	16	32	64

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, renewable diesel fuel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, July 2023
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	256	42	0	892	61,331	6,852	4,386	1,103	21,546
Petroleum Products	17,491	71	0	21,352	50,049	15,988	5,989	104,595	23,179
Natural Gas Liquids	7,674	52	0	7,343	39,395	11,265	600	1,045	11,899
Ethane	6,041	0	—	542	16,771	2,486	—	0	1,031
Propane	901	0	0	5,284	12,471	4,458	336	1,045	1,718
Normal Butane	336	7	0	1,318	4,964	1,936	224	0	334
Isobutane	390	45	0	200	1,500	669	40	0	986
Natural Gasoline	6	0	—	0	3,688	1,716	—	0	7,830
Refinery Olefins	0	0	—	322	535	—	—	0	0
Ethylene	—	—	—	—	—	—	—	—	—
Propylene	0	0	—	322	535	—	—	0	0
Normal Butylene	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—
Unfinished Oils	40	0	0	0	546	—	0	21	112
Motor Gasoline Blending Components	6,764	0	0	1,429	1,364	2,466	0	60,750	5,848
Reformulated - RBOB	0	0	0	0	0	—	0	11,533	3,195
Conventional	6,764	0	0	1,429	1,364	2,466	0	49,217	2,653
CBOB	6,764	0	0	1,429	1,310	2,466	0	48,698	2,486
GTAB	—	—	—	—	—	—	—	—	—
Other	0	0	—	0	54	—	—	519	167
Biofuels (including Fuel Ethanol)	6	0	0	8,947	5,854	624	5,165	0	13
Fuel Ethanol	0	0	0	8,861	5,602	609	4,498	0	0
Biodiesel	6	0	0	86	252	14	203	0	6
Renewable Diesel Fuel	0	0	0	—	0	0	464	—	6
Other Biofuels ²	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	103	0	0	665	51	161	0	1,256	1,281
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	103	0	0	665	51	161	0	1,256	1,281
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	103	0	0	665	51	161	0	1,256	1,281
Finished Aviation Gasoline	0	0	—	0	0	—	—	38	59
Kerosene-Type Jet Fuel	431	0	0	196	30	911	0	16,470	1,275
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	2,440	10	0	1,342	783	548	0	24,168	2,265
15 ppm sulfur and under	2,440	10	0	1,342	783	548	0	23,937	2,156
Greater than 15 ppm to 500 ppm sulfur	0	0	—	—	0	—	—	—	109
Greater than 500 ppm sulfur	—	0	—	0	0	—	—	231	—
Residual Fuel Oil	0	0	—	—	456	—	—	—	0
Petrochemical Feedstocks	0	0	—	—	124	—	—	—	19
Naphtha for Petrochemical Feedstock Use	0	0	—	—	90	—	—	—	19
Other Oils for Petrochemical Feedstock Use	0	0	—	—	34	—	—	—	0
Special Naphthas	0	0	—	—	0	—	—	—	9
Lubricants	0	0	0	0	18	—	0	425	152
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	9	0	203	670	3	10	64	6
Asphalt and Road Oil	34	0	0	904	222	10	215	358	234
Miscellaneous Products	0	0	—	—	0	—	—	—	7
Total	17,747	113	0	22,244	111,380	22,840	10,376	105,698	44,725

See footnotes at end of table.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail¹ Between PAD Districts, July 2023
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to			
	4	5	1	2	3	5	1	2	3	4
Crude Oil	0	0	0	26,198	1,879	0	0	0	0	0
Petroleum Products	3	6,515	0	23,565	5,178	2,298	10	16	243	55
Natural Gas Liquids	0	29	0	22,385	4,914	85	0	0	0	0
Ethane	0	—	0	6,421	1,766	—	0	0	0	0
Propane	0	0	0	8,100	1,487	85	0	0	0	0
Normal Butane	0	3	0	3,461	576	0	0	0	0	0
Isobutane	0	25	0	1,335	354	0	0	0	0	0
Natural Gasoline	0	—	0	3,068	731	—	0	0	0	0
Refinery Olefins	—	—	0	0	0	—	0	0	0	—
Ethylene	—	—	—	—	—	—	—	—	—	—
Propylene	—	—	0	0	0	—	0	0	0	—
Normal Butylene	—	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—	—
Unfinished Oils	—	0	0	0	0	0	0	0	217	—
Motor Gasoline Blending Components	0	3,235	0	222	0	1,118	0	0	0	0
Reformulated - RBOB	—	1,669	0	0	0	0	0	0	0	—
Conventional	0	1,566	0	222	0	1,118	0	0	0	0
CBOB	0	1,566	0	222	0	1,118	0	0	0	0
GTAB	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	0	0	—	0	0	0	—
Biofuels (including Fuel Ethanol)	3	2,002	0	0	0	379	0	0	0	12
Fuel Ethanol	0	723	0	0	0	62	0	0	0	0
Biodiesel	0	19	0	0	0	0	0	0	0	12
Renewable Diesel Fuel	3	1,260	—	0	0	318	—	0	0	0
Other Biofuels ²	—	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	0	0	0	394	0	91	0	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—	—
Conventional	0	0	0	394	0	91	0	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—	—
Conventional Other	0	0	0	394	0	91	0	0	0	0
Finished Aviation Gasoline	—	—	0	0	0	—	0	0	0	—
Kerosene-Type Jet Fuel	0	227	0	11	0	32	0	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	0	923	0	405	0	219	0	0	0	0
15 ppm sulfur and under	0	923	0	405	0	219	0	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	0	0	—	—	0	0	—
Greater than 500 ppm sulfur	—	—	0	—	0	—	0	—	0	—
Residual Fuel Oil	—	—	—	0	0	—	—	0	0	—
Petrochemical Feedstocks	—	—	—	0	0	—	—	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	0	—
Other Oils for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	0	—
Special Naphthas	—	—	—	0	0	—	—	0	0	—
Lubricants	—	10	0	0	0	0	0	0	0	—
Waxes	—	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	0	0	31	100	129	10	16	26	32
Asphalt and Road Oil	0	89	0	116	163	245	0	0	0	10
Miscellaneous Products	—	—	—	0	0	—	—	0	0	—
Total	3	6,515	0	49,763	7,057	2,298	10	16	243	55

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, renewable diesel fuel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, August 2023
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	219	20	0	884	58,486	7,376	3,591	1,461	19,074
Petroleum Products	17,965	81	0	22,918	51,216	16,042	5,306	99,321	20,994
Natural Gas Liquids	7,694	62	0	8,430	40,096	11,519	885	1,407	11,099
Ethane	6,046	0	0	0	17,692	2,661	0	0	1,081
Propane	1,033	4	0	6,339	12,383	4,531	466	1,407	1,742
Normal Butane	217	18	0	1,894	4,723	1,928	269	0	616
Isobutane	391	41	0	197	1,570	673	150	0	806
Natural Gasoline	7	0	0	0	3,728	1,726	0	0	6,854
Refinery Olefins	0	0	0	257	418	0	0	0	0
Ethylene	0	0	0	0	0	0	0	0	0
Propylene	0	0	0	257	418	0	0	0	0
Normal Butylene	0	0	0	0	0	0	0	0	0
Isobutylene	0	0	0	0	0	0	0	0	0
Unfinished Oils	41	0	0	0	937	0	0	94	372
Motor Gasoline Blending Components	6,860	0	0	1,461	1,202	2,252	0	57,550	5,123
Reformulated - RBOB	0	0	0	0	0	0	0	10,330	2,621
Conventional	6,860	0	0	1,461	1,202	2,252	0	47,220	2,502
CBOB	6,860	0	0	1,461	1,047	2,252	0	46,527	2,402
GTAB	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	155	0	0	693	100
Biofuels (including Fuel Ethanol)	0	0	0	8,601	5,987	515	4,112	0	6
Fuel Ethanol	0	0	0	8,506	5,772	460	3,464	0	0
Biodiesel	0	0	0	95	215	55	286	0	0
Renewable Diesel Fuel	0	0	0	0	0	0	362	0	6
Other Biofuels ²	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	97	0	0	756	0	145	0	942	420
Reformulated	0	0	0	0	0	0	0	0	0
Reformulated Blended with Fuel Ethanol	0	0	0	0	0	0	0	0	0
Reformulated Other	0	0	0	0	0	0	0	0	0
Conventional	97	0	0	756	0	145	0	942	420
Conventional Blended with Fuel Ethanol	0	0	0	0	0	0	0	0	0
Ed55 and Lower	0	0	0	0	0	0	0	0	0
Greater than Ed55	0	0	0	0	0	0	0	0	0
Conventional Other	97	0	0	756	0	145	0	942	420
Finished Aviation Gasoline	0	0	0	0	0	0	0	132	0
Kerosene-Type Jet Fuel	381	0	0	279	59	815	0	14,086	1,244
Kerosene	0	0	0	0	0	0	0	0	0
Distillate Fuel Oil	2,889	0	0	1,358	1,084	780	0	24,385	2,129
15 ppm sulfur and under	2,889	0	0	1,358	1,084	780	0	24,175	2,011
Greater than 15 ppm to 500 ppm sulfur	0	0	0	0	0	0	0	99	118
Greater than 500 ppm sulfur	0	0	0	0	0	0	0	111	0
Residual Fuel Oil	0	0	0	0	433	0	0	0	0
Petrochemical Feedstocks	0	0	0	0	104	0	0	0	37
Naphtha for Petrochemical Feedstock Use	0	0	0	0	94	0	0	0	37
Other Oils for Petrochemical Feedstock Use	0	0	0	0	10	0	0	0	0
Special Naphthas	0	0	0	0	0	0	0	0	10
Lubricants	0	0	0	10	18	0	0	301	200
Waxes	0	0	0	0	0	0	0	0	0
Marketable Petroleum Coke	0	19	0	551	568	7	10	105	22
Asphalt and Road Oil	2	0	0	1,215	310	10	300	319	323
Miscellaneous Products	0	0	0	0	0	0	0	0	8
Total	18,184	101	0	23,803	109,702	23,418	8,897	100,782	40,068

See footnotes at end of table.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail¹ Between PAD Districts, August 2023
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to			
	4	5	1	2	3	5	1	2	3	4
Crude Oil	0	0	0	27,781	2,047	0	0	0	0	0
Petroleum Products	9	5,905	0	23,982	4,713	2,163	0	39	26	54
Natural Gas Liquids	0	90	0	22,792	4,471	119	0	0	0	0
Ethane	0	—	0	6,596	1,511	—	0	0	0	0
Propane	0	0	0	8,243	1,478	113	0	0	0	0
Normal Butane	0	3	0	3,485	427	1	0	0	0	0
Isobutane	0	87	0	1,338	342	6	0	0	0	0
Natural Gasoline	0	—	0	3,130	713	—	0	0	0	0
Refinery Olefins	—	—	0	0	0	—	0	0	0	—
Ethylene	—	—	—	—	—	—	—	—	—	—
Propylene	—	—	0	0	0	—	0	0	0	—
Normal Butylene	—	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—	—
Unfinished Oils	—	—	0	0	0	—	0	0	0	—
Motor Gasoline Blending Components	0	2,875	0	250	0	1,094	0	0	0	0
Reformulated - RBOB	—	1,306	0	0	0	0	0	0	0	—
Conventional	0	1,569	0	250	0	1,094	0	0	0	0
CBOB	0	1,569	0	250	0	1,094	0	0	0	0
GTAB	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	0	0	—	0	0	0	—
Biofuels (including Fuel Ethanol)	9	1,704	0	0	0	334	0	0	0	12
Fuel Ethanol	0	262	0	0	0	29	0	0	0	0
Biodiesel	3	84	0	0	0	0	0	0	0	12
Renewable Diesel Fuel	6	1,358	—	0	0	305	—	0	0	0
Other Biofuels ²	—	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	0	0	0	329	0	124	0	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—	—
Conventional	0	0	0	329	0	124	0	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—	—
Conventional Other	0	0	0	329	0	124	0	0	0	0
Finished Aviation Gasoline	—	—	0	—	0	—	0	—	0	—
Kerosene-Type Jet Fuel	0	259	0	12	0	15	0	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	0	877	0	435	0	196	0	0	0	0
15 ppm sulfur and under	0	877	0	435	0	196	0	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	0	0	0	—	0	0	0	—
Greater than 500 ppm sulfur	—	—	0	—	0	—	0	—	0	—
Residual Fuel Oil	—	—	—	0	0	—	—	0	0	—
Petrochemical Feedstocks	—	—	—	0	0	—	—	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	0	—
Other Oils for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	0	—
Special Naphthas	—	—	—	0	0	—	—	0	0	—
Lubricants	—	13	0	0	0	0	0	0	0	—
Waxes	—	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	0	0	63	44	50	0	39	26	29
Asphalt and Road Oil	0	87	0	101	198	230	0	0	0	13
Miscellaneous Products	—	—	—	0	0	—	—	0	0	—
Total	9	5,905	0	51,763	6,760	2,163	0	39	26	54

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, renewable diesel fuel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, September 2023
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	549	26	0	961	64,104	8,062	2,916	441	18,039
Petroleum Products	17,260	85	0	21,313	48,799	15,382	5,680	96,750	20,384
Natural Gas Liquids	8,053	70	0	7,320	38,559	11,506	678	1,388	11,237
Ethane	6,240	0	—	288	18,164	2,635	—	0	1,018
Propane	1,041	7	0	5,002	11,078	4,590	345	1,388	1,530
Normal Butane	272	23	0	1,912	4,108	1,907	260	0	392
Isobutane	491	39	0	118	1,520	668	73	0	1,269
Natural Gasoline	9	0	—	0	3,689	1,706	—	0	7,028
Refinery Olefins	0	0	—	220	612	—	—	0	0
Ethylene	—	—	—	—	—	—	—	—	—
Propylene	0	0	—	220	612	—	—	0	0
Normal Butylene	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—
Unfinished Oils	21	0	—	0	662	—	—	300	52
Motor Gasoline Blending Components	6,181	0	0	1,409	1,278	1,739	0	56,510	4,768
Reformulated - RBOB	0	0	0	0	0	203	0	6,067	2,250
Conventional	6,181	0	0	1,409	1,278	1,536	0	50,443	2,518
CBOB	6,181	0	0	1,409	1,175	1,536	0	49,439	2,066
GTAB	—	—	—	—	—	—	—	—	—
Other	0	0	—	0	103	—	—	1,004	452
Biofuels (including Fuel Ethanol)	0	0	0	9,069	5,046	420	4,788	0	0
Fuel Ethanol	0	0	0	9,007	4,836	398	4,008	0	0
Biodiesel	0	0	0	62	210	21	253	0	0
Renewable Diesel Fuel	0	0	0	0	0	0	528	0	0
Other Biofuels ²	—	—	—	0	0	—	—	0	—
Finished Motor Gasoline	66	0	0	717	150	113	0	1,567	242
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	66	0	0	717	150	113	0	1,567	242
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	66	0	0	717	150	113	0	1,567	242
Finished Aviation Gasoline	0	0	—	0	0	—	—	88	25
Kerosene-Type Jet Fuel	357	0	0	134	138	700	0	14,532	1,248
Kerosene	—	0	—	0	0	—	—	174	—
Distillate Fuel Oil	2,566	0	0	1,306	622	847	0	21,634	2,447
15 ppm sulfur and under	2,566	0	0	1,306	622	847	0	21,436	2,310
Greater than 15 ppm to 500 ppm sulfur	0	0	—	—	0	—	—	—	137
Greater than 500 ppm sulfur	—	0	—	0	0	—	—	198	—
Residual Fuel Oil	0	0	—	—	239	—	—	—	0
Petrochemical Feedstocks	0	0	—	—	145	—	—	—	45
Naphtha for Petrochemical Feedstock Use	0	0	—	—	78	—	—	—	45
Other Oils for Petrochemical Feedstock Use	0	0	—	—	67	—	—	—	0
Special Naphthas	0	0	—	—	0	—	—	—	17
Lubricants	0	0	0	41	0	—	0	223	90
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	16	0	234	1,030	29	20	25	29
Asphalt and Road Oil	16	0	0	863	318	28	195	308	178
Miscellaneous Products	0	0	—	—	0	—	—	—	7
Total	17,809	111	0	22,274	112,903	23,444	8,596	97,191	38,423

See footnotes at end of table.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail¹ Between PAD Districts, September 2023
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to				
	4	5	1	2	3	5	1	2	3	4	
Crude Oil	0	0	0	26,706	626	0	0	0	0	0	0
Petroleum Products	0	6,144	0	23,350	5,336	2,424	13	26	10	30	
Natural Gas Liquids	0	92	0	22,220	5,162	109	0	0	0	0	
Ethane	0	—	0	6,468	1,937	—	0	0	0	0	
Propane	0	0	0	8,109	1,512	88	0	0	0	0	
Normal Butane	0	59	0	3,367	577	11	0	0	0	0	
Isobutane	0	33	0	1,289	352	9	0	0	0	0	
Natural Gasoline	0	—	0	2,987	784	—	0	0	0	0	
Refinery Olefins	—	—	0	0	0	—	0	0	0	—	
Ethylene	—	—	—	—	—	—	—	—	—	—	
Propylene	—	—	0	0	0	—	0	0	0	—	
Normal Butylene	—	—	—	—	—	—	—	—	—	—	
Isobutylene	—	—	—	—	—	—	—	—	—	—	
Unfinished Oils	—	—	0	0	0	—	0	0	0	—	
Motor Gasoline Blending Components	0	2,644	0	217	0	1,113	0	0	0	0	
Reformulated - RBOB	0	976	0	0	0	0	0	0	0	0	
Conventional	0	1,668	0	217	0	1,113	0	0	0	0	
CBOB	0	1,668	0	217	0	1,113	0	0	0	0	
GTAB	—	—	—	—	—	—	—	—	—	—	
Other	—	—	0	0	0	—	0	0	0	—	
Biofuels (including Fuel Ethanol)	0	2,224	0	0	0	424	0	0	0	24	
Fuel Ethanol	0	196	0	0	0	13	0	0	0	0	
Biodiesel	0	16	0	0	0	0	0	0	0	24	
Renewable Diesel Fuel	0	2,012	0	0	0	411	0	0	0	0	
Other Biofuels ²	—	—	0	—	0	—	0	—	0	—	
Finished Motor Gasoline	0	0	0	413	0	103	0	0	0	0	
Reformulated	—	—	—	—	—	—	—	—	—	—	
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—	
Reformulated Other	—	—	—	—	—	—	—	—	—	—	
Conventional	0	0	0	413	0	103	0	0	0	0	
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—	
Ed55 and Lower	—	—	—	—	—	—	—	—	—	—	
Greater than Ed55	—	—	—	—	—	—	—	—	—	—	
Conventional Other	0	0	0	413	0	103	0	0	0	0	
Finished Aviation Gasoline	—	—	0	0	0	—	0	0	0	—	
Kerosene-Type Jet Fuel	0	229	0	12	0	9	0	0	0	0	
Kerosene	—	—	0	—	0	—	0	—	0	—	
Distillate Fuel Oil	0	852	0	356	0	259	0	0	0	0	
15 ppm sulfur and under	0	852	0	356	0	259	0	0	0	0	
Greater than 15 ppm to 500 ppm sulfur	—	—	—	0	0	—	—	0	0	—	
Greater than 500 ppm sulfur	—	—	0	—	0	—	0	—	0	—	
Residual Fuel Oil	—	—	—	0	0	—	—	0	0	—	
Petrochemical Feedstocks	—	—	—	0	0	—	—	0	0	—	
Naphtha for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	0	—	
Other Oils for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	0	—	
Special Naphthas	—	—	—	0	0	—	—	0	0	—	
Lubricants	—	39	0	0	0	0	0	0	0	—	
Waxes	—	—	—	—	—	—	—	—	—	—	
Marketable Petroleum Coke	0	0	0	50	38	154	13	26	10	0	
Asphalt and Road Oil	0	64	0	82	136	252	0	0	0	5	
Miscellaneous Products	—	—	—	0	0	—	—	0	0	—	
Total	0	6,144	0	50,056	5,962	2,424	13	26	10	30	

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, renewable diesel fuel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, October 2023
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	449	20	0	1,135	69,052	8,383	3,426	115	20,230
Petroleum Products	16,342	106	0	22,884	50,569	14,704	5,732	106,007	19,377
Natural Gas Liquids	7,042	89	0	8,455	38,944	11,637	894	1,823	11,326
Ethane	5,250	0	—	170	18,469	2,846	—	0	975
Propane	1,032	4	0	6,192	11,660	4,598	413	1,823	1,026
Normal Butane	254	65	0	2,093	3,749	1,887	475	0	709
Isobutane	500	21	0	0	1,543	670	7	0	770
Natural Gasoline	6	0	—	0	3,523	1,636	—	0	7,845
Refinery Olefins	0	0	—	260	483	—	—	0	0
Ethylene	—	—	—	—	—	—	—	—	—
Propylene	0	0	—	260	483	—	—	0	0
Normal Butylene	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—
Unfinished Oils	20	0	0	0	880	—	0	36	10
Motor Gasoline Blending Components	6,136	0	0	1,404	1,147	949	0	60,438	3,091
Reformulated - RBOB	0	0	0	0	0	342	0	7,908	1,566
Conventional	6,136	0	0	1,404	1,147	607	0	52,530	1,525
CBOB	6,136	0	0	1,404	916	607	0	52,016	1,060
GTAB	—	—	—	—	—	—	—	—	—
Other	0	0	—	0	231	—	—	514	465
Biofuels (including Fuel Ethanol)	0	0	0	9,346	6,187	424	4,624	20	50
Fuel Ethanol	0	0	0	9,246	5,989	405	3,896	0	0
Biodiesel	0	0	0	100	198	19	343	0	47
Renewable Diesel Fuel	0	0	0	0	0	0	384	20	3
Other Biofuels ²	—	—	—	—	0	—	0	—	—
Finished Motor Gasoline	55	0	0	954	178	0	0	1,409	156
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	55	0	0	954	178	0	0	1,409	156
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	55	0	0	954	178	0	0	1,409	156
Finished Aviation Gasoline	0	0	—	0	0	—	—	43	25
Kerosene-Type Jet Fuel	456	0	0	240	30	885	0	17,375	1,523
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	2,619	0	0	925	820	772	0	24,157	2,784
15 ppm sulfur and under	2,619	0	0	925	820	772	0	23,969	2,689
Greater than 15 ppm to 500 ppm sulfur	0	0	—	—	0	—	—	—	95
Greater than 500 ppm sulfur	—	0	—	0	0	—	—	188	—
Residual Fuel Oil	0	0	—	—	714	—	—	—	0
Petrochemical Feedstocks	0	0	—	—	81	—	—	—	36
Naphtha for Petrochemical Feedstock Use	0	0	—	—	81	—	—	—	36
Other Oils for Petrochemical Feedstock Use	—	—	—	—	—	—	—	—	—
Special Naphthas	0	0	—	—	0	—	—	—	17
Lubricants	0	0	—	21	0	—	—	295	208
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	12	0	82	609	3	20	57	25
Asphalt and Road Oil	13	4	0	1,196	496	33	195	354	111
Miscellaneous Products	0	0	—	—	0	—	—	—	14
Total	16,791	126	0	24,019	119,621	23,087	9,158	106,122	39,607

See footnotes at end of table.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, October 2023
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to			
	4	5	1	2	3	5	1	2	3	4
Crude Oil	0	0	0	28,196	1,260	0	0	0	0	0
Petroleum Products	6	8,042	2	24,413	5,528	3,141	0	68	91	8
Natural Gas Liquids	0	209	0	22,933	5,235	678	0	0	0	0
Ethane	0	—	0	6,860	2,158	—	0	0	0	0
Propane	0	0	0	8,372	1,482	193	0	0	0	0
Normal Butane	0	166	0	3,402	556	420	0	0	0	0
Isobutane	0	43	0	1,309	344	65	0	0	0	0
Natural Gasoline	0	—	0	2,990	695	—	0	0	0	0
Refinery Olefins	—	—	0	0	0	—	0	0	0	—
Ethylene	—	—	—	—	—	—	—	—	—	—
Propylene	—	—	0	0	0	—	0	0	0	—
Normal Butylene	—	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—	—
Unfinished Oils	—	0	0	0	0	0	0	0	88	—
Motor Gasoline Blending Components	0	3,587	0	213	0	1,241	0	0	0	0
Reformulated - RBOB	0	1,918	0	0	0	0	0	0	0	0
Conventional	0	1,669	0	213	0	1,241	0	0	0	0
CBOB	0	1,669	0	213	0	1,241	0	0	0	0
GTAB	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	0	0	—	0	0	0	—
Biofuels (including Fuel Ethanol)	3	2,651	0	0	0	436	0	0	0	3
Fuel Ethanol	0	617	0	0	0	42	0	0	0	0
Biodiesel	0	40	0	0	0	0	0	0	0	3
Renewable Diesel Fuel	3	1,994	0	0	0	394	0	0	0	0
Other Biofuels ²	—	0	—	—	0	0	—	—	0	—
Finished Motor Gasoline	0	0	0	366	0	95	0	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—	—
Conventional	0	0	0	366	0	95	0	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—	—
Conventional Other	0	0	0	366	0	95	0	0	0	0
Finished Aviation Gasoline	—	—	0	0	0	—	0	0	0	—
Kerosene-Type Jet Fuel	0	323	0	27	0	44	0	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	0	1,214	0	480	0	342	0	0	0	0
15 ppm sulfur and under	0	1,214	0	480	0	342	0	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	0	0	—	—	0	0	—
Greater than 500 ppm sulfur	—	—	0	—	0	—	0	—	0	—
Residual Fuel Oil	—	—	—	0	0	—	—	0	0	—
Petrochemical Feedstocks	—	—	—	0	0	—	—	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	0	—
Other Oils for Petrochemical Feedstock Use	—	—	—	—	—	—	—	—	—	—
Special Naphthas	—	—	—	0	0	—	—	0	0	—
Lubricants	—	—	0	0	0	—	0	0	0	—
Waxes	—	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	3	0	315	75	50	0	68	3	0
Asphalt and Road Oil	2	55	2	79	218	255	0	0	0	5
Miscellaneous Products	—	—	—	0	0	—	—	0	0	—
Total	6	8,042	2	52,609	6,788	3,141	0	68	91	8

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, renewable diesel fuel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, November 2023
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	398	13	0	1,077	64,808	8,062	3,579	1,149	23,463
Petroleum Products	17,169	335	0	21,333	49,742	15,059	5,687	106,618	19,638
Natural Gas Liquids	7,815	14	0	6,964	37,019	12,167	1,087	1,914	11,359
Ethane	6,022	0	0	0	17,744	2,990	—	0	988
Propane	1,056	0	0	4,983	11,224	4,749	335	1,910	1,600
Normal Butane	225	0	0	1,938	3,508	1,979	697	4	612
Isobutane	505	14	0	44	1,497	707	55	0	1,015
Natural Gasoline	7	0	—	0	3,046	1,742	—	0	7,144
Refinery Olefins	0	0	—	188	547	—	—	0	0
Ethylene	—	—	—	—	—	—	—	—	—
Propylene	0	0	—	188	547	—	—	0	0
Normal Butylene	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—
Unfinished Oils	20	0	—	0	1,761	—	—	33	10
Motor Gasoline Blending Components	6,090	0	0	1,266	1,302	805	0	59,179	3,044
Reformulated - RBOB	0	0	0	0	0	320	0	7,631	688
Conventional	6,090	0	0	1,266	1,302	485	0	51,548	2,356
CBOB	6,090	0	0	1,266	1,181	485	0	50,985	1,521
GTAB	—	—	—	—	—	—	—	—	—
Other	0	0	—	0	121	—	—	563	835
Biofuels (including Fuel Ethanol)	0	0	0	9,386	6,419	401	4,413	10	3
Fuel Ethanol	0	0	0	9,269	6,132	385	3,603	0	0
Biodiesel	0	0	0	117	286	17	463	0	0
Renewable Diesel Fuel	0	0	0	0	0	0	347	10	3
Other Biofuels ²	—	0	0	—	0	—	0	—	—
Finished Motor Gasoline	69	0	0	714	28	0	0	1,599	664
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	69	0	0	714	28	0	0	1,599	664
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	69	0	0	714	28	0	0	1,599	664
Finished Aviation Gasoline	0	0	—	0	0	—	—	319	25
Kerosene-Type Jet Fuel	407	268	0	235	32	820	0	15,818	2,172
Kerosene	—	0	0	0	0	—	—	108	—
Distillate Fuel Oil	2,732	50	0	1,226	684	813	0	26,856	2,093
15 ppm sulfur and under	2,732	50	0	1,226	684	813	0	26,568	1,967
Greater than 15 ppm to 500 ppm sulfur	0	0	—	—	0	—	—	—	126
Greater than 500 ppm sulfur	—	0	—	0	0	—	—	288	—
Residual Fuel Oil	0	0	—	—	621	—	—	—	0
Petrochemical Feedstocks	0	0	—	—	68	—	—	—	18
Naphtha for Petrochemical Feedstock Use	0	0	—	—	42	—	—	—	18
Other Oils for Petrochemical Feedstock Use	0	0	—	—	26	—	—	—	0
Special Naphthas	0	0	—	0	0	—	—	148	31
Lubricants	0	0	—	0	0	—	—	337	130
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	3	0	691	762	7	36	83	10
Asphalt and Road Oil	36	0	0	663	499	46	151	214	72
Miscellaneous Products	0	0	—	—	0	—	—	—	7
Total	17,567	348	0	22,410	114,550	23,121	9,266	107,767	43,101

See footnotes at end of table.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail¹ Between PAD Districts, November 2023
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to			
	4	5	1	2	3	5	1	2	3	4
Crude Oil	0	0	0	28,516	2,431	0	0	0	0	0
Petroleum Products	5	7,408	2	23,875	4,791	3,799	6	13	13	5
Natural Gas Liquids	0	189	0	22,529	4,543	1,249	0	0	0	0
Ethane	0	—	0	6,450	1,500	—	0	0	0	0
Propane	0	0	0	8,355	1,455	374	0	0	0	0
Normal Butane	0	139	0	3,417	415	725	0	0	0	0
Isobutane	0	50	0	1,322	474	150	0	0	0	0
Natural Gasoline	0	—	0	2,985	699	—	0	0	0	0
Refinery Olefins	—	—	0	0	0	—	0	0	0	—
Ethylene	—	—	—	—	—	—	—	—	—	—
Propylene	—	—	0	0	0	—	0	0	0	—
Normal Butylene	—	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—	—
Unfinished Oils	—	—	0	0	0	—	0	0	0	—
Motor Gasoline Blending Components	0	3,706	0	213	0	1,124	0	0	0	0
Reformulated - RBOB	0	2,082	0	0	0	0	0	0	0	0
Conventional	0	1,624	0	213	0	1,124	0	0	0	0
CBOB	0	1,624	0	213	0	1,124	0	0	0	0
GTAB	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	0	0	—	0	0	0	—
Biofuels (including Fuel Ethanol)	0	2,607	0	0	0	417	0	0	0	0
Fuel Ethanol	0	563	0	0	0	78	0	0	0	0
Biodiesel	0	9	0	0	0	0	0	0	0	0
Renewable Diesel Fuel	0	2,035	0	0	0	339	0	0	0	0
Other Biofuels ²	—	0	—	—	0	0	—	—	0	—
Finished Motor Gasoline	0	0	0	377	0	67	0	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—	—
Conventional	0	0	0	377	0	67	0	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—	—
Conventional Other	0	0	0	377	0	67	0	0	0	0
Finished Aviation Gasoline	—	—	0	0	0	—	0	0	0	—
Kerosene-Type Jet Fuel	0	178	0	8	0	44	0	0	0	0
Kerosene	—	—	0	—	0	—	0	—	0	—
Distillate Fuel Oil	0	653	0	399	0	377	0	0	0	0
15 ppm sulfur and under	0	653	0	399	0	377	0	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	0	0	—	—	0	0	—
Greater than 500 ppm sulfur	—	—	0	—	0	—	0	—	0	—
Residual Fuel Oil	—	—	—	0	0	—	—	0	0	—
Petrochemical Feedstocks	—	—	—	0	0	—	—	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	0	—
Other Oils for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	0	—
Special Naphthas	—	—	0	0	0	—	0	0	0	—
Lubricants	—	—	0	0	0	—	0	0	0	—
Waxes	—	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	3	0	310	47	157	6	13	13	0
Asphalt and Road Oil	5	72	2	40	200	364	0	0	0	5
Miscellaneous Products	—	—	—	0	0	—	—	0	0	—
Total	5	7,408	2	52,391	7,222	3,799	6	13	13	5

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, renewable diesel fuel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, December 2023
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	570	16	0	1,087	62,384	8,508	3,681	1,064	22,099
Petroleum Products	15,954	65	0	24,631	50,932	14,669	5,427	109,660	17,878
Natural Gas Liquids	7,617	60	0	8,398	35,534	11,645	1,158	2,421	11,532
Ethane	5,743	0	–	13	15,208	2,497	–	0	976
Propane	1,082	11	0	6,406	11,860	4,804	366	2,389	1,570
Normal Butane	294	18	0	1,858	3,654	1,962	720	32	703
Isobutane	491	31	0	122	1,679	693	73	0	865
Natural Gasoline	7	0	–	0	3,133	1,689	–	0	7,418
Refinery Olefins	0	0	–	160	471	–	–	0	0
Ethylene	–	–	–	–	–	–	–	–	–
Propylene	0	0	–	160	471	–	–	0	0
Normal Butylene	–	–	–	–	–	–	–	–	–
Isobutylene	–	–	–	–	–	–	–	–	–
Unfinished Oils	60	0	–	0	1,315	–	–	47	61
Motor Gasoline Blending Components	5,335	0	0	1,516	1,507	1,035	0	60,002	2,961
Reformulated - RBOB	0	0	0	0	222	643	0	8,181	980
Conventional	5,335	0	0	1,516	1,285	392	0	51,821	1,981
CBOB	5,335	0	0	1,516	1,065	392	0	51,481	1,328
GTAB	–	–	–	–	–	–	–	–	–
Other	0	0	–	0	220	–	–	340	653
Biofuels (including Fuel Ethanol)	0	0	0	11,193	7,645	454	4,098	0	0
Fuel Ethanol	0	0	0	11,028	7,373	432	3,327	0	0
Biodiesel	0	0	0	165	272	21	403	0	0
Renewable Diesel Fuel	0	0	0	–	0	0	368	–	0
Other Biofuels ²	–	–	–	–	–	–	–	–	–
Finished Motor Gasoline	68	0	0	583	760	0	0	1,852	143
Reformulated	–	–	–	–	–	–	–	–	–
Reformulated Blended with Fuel Ethanol	–	–	–	–	–	–	–	–	–
Reformulated Other	–	–	–	–	–	–	–	–	–
Conventional	68	0	0	583	760	0	0	1,852	143
Conventional Blended with Fuel Ethanol	–	–	–	–	–	–	–	–	–
Ed55 and Lower	–	–	–	–	–	–	–	–	–
Greater than Ed55	–	–	–	–	–	–	–	–	–
Conventional Other	68	0	0	583	760	0	0	1,852	143
Finished Aviation Gasoline	0	0	–	0	0	–	–	37	45
Kerosene-Type Jet Fuel	434	0	0	149	47	809	0	15,548	1,441
Kerosene	–	0	–	0	0	–	–	109	–
Distillate Fuel Oil	2,357	0	0	1,427	886	691	0	28,910	1,396
15 ppm sulfur and under	2,357	0	0	1,427	886	691	0	28,696	1,192
Greater than 15 ppm to 500 ppm sulfur	0	0	–	–	0	–	–	–	133
Greater than 500 ppm sulfur	0	0	–	0	0	–	–	214	71
Residual Fuel Oil	0	0	–	0	955	–	–	57	0
Petrochemical Feedstocks	0	0	–	–	85	–	–	–	18
Naphtha for Petrochemical Feedstock Use	0	0	–	–	85	–	–	–	18
Other Oils for Petrochemical Feedstock Use	–	–	–	–	–	–	–	–	–
Special Naphthas	0	0	–	–	0	–	–	–	15
Lubricants	0	0	–	0	19	–	–	362	159
Waxes	–	–	–	–	–	–	–	–	–
Marketable Petroleum Coke	0	3	0	376	1,280	7	46	48	10
Asphalt and Road Oil	83	2	0	829	429	28	125	267	77
Miscellaneous Products	0	0	–	–	0	–	–	–	20
Total	16,524	81	0	25,718	113,316	23,177	9,108	110,724	39,977

See footnotes at end of table.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail¹ Between PAD Districts, December 2023
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to			
	4	5	1	2	3	5	1	2	3	4
Crude Oil	0	0	0	30,545	2,664	0	0	0	0	0
Petroleum Products	6	7,468	0	23,790	4,761	3,496	53	10	23	105
Natural Gas Liquids	0	173	0	22,670	4,556	818	0	0	0	0
Ethane	0	—	0	5,963	1,502	—	0	0	0	0
Propane	0	0	0	8,719	1,465	212	0	0	0	0
Normal Butane	0	74	0	3,553	417	497	0	0	0	0
Isobutane	0	99	0	1,375	475	109	0	0	0	0
Natural Gasoline	0	—	0	3,060	697	—	0	0	0	0
Refinery Olefins	—	—	0	0	0	—	0	0	0	—
Ethylene	—	—	—	—	—	—	—	—	—	—
Propylene	—	—	0	0	0	—	0	0	0	—
Normal Butylene	—	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—	—
Unfinished Oils	—	—	0	0	0	—	0	0	0	—
Motor Gasoline Blending Components	0	3,906	0	202	0	1,327	0	0	0	0
Reformulated - RBOB	0	2,098	0	0	0	0	0	0	0	0
Conventional	0	1,808	0	202	0	1,327	0	0	0	0
CBOB	0	1,808	0	202	0	1,327	0	0	0	0
GTAB	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	0	0	—	0	0	0	—
Biofuels (including Fuel Ethanol)	6	1,980	0	0	0	402	0	0	0	3
Fuel Ethanol	0	281	0	0	0	81	0	0	0	0
Biodiesel	0	22	0	0	0	0	0	0	0	3
Renewable Diesel Fuel	6	1,677	—	0	0	321	—	0	0	0
Other Biofuels ²	—	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	0	0	0	441	0	84	0	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—	—
Conventional	0	0	0	441	0	84	0	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—	—
Conventional Other	0	0	0	441	0	84	0	0	0	0
Finished Aviation Gasoline	—	—	0	0	0	—	0	0	0	—
Kerosene-Type Jet Fuel	0	265	0	12	0	6	50	0	0	0
Kerosene	—	—	0	—	0	—	0	—	0	—
Distillate Fuel Oil	0	999	0	387	0	353	0	0	0	0
15 ppm sulfur and under	0	999	0	387	0	353	0	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	0	0	—	0	0	0	—
Greater than 500 ppm sulfur	—	—	0	0	0	—	0	0	0	—
Residual Fuel Oil	—	—	0	0	0	—	0	0	0	—
Petrochemical Feedstocks	—	—	—	0	0	—	—	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	0	—
Other Oils for Petrochemical Feedstock Use	—	—	—	—	—	—	—	—	—	—
Special Naphthas	—	—	—	0	0	—	—	0	0	—
Lubricants	—	—	0	0	0	—	0	0	0	—
Waxes	—	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	6	0	19	31	358	3	10	23	84
Asphalt and Road Oil	0	139	0	59	173	149	0	0	0	18
Miscellaneous Products	—	—	—	0	0	—	—	0	0	—
Total	6	7,468	0	54,335	7,425	3,496	53	10	23	105

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, renewable diesel fuel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, January 2023
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	139	30	184	51,477	5,631	123	24,011	0	-
Petroleum Products	16,220	0	8,359	34,087	13,010	81,186	18,715	0	4,503
Natural Gas Liquids	7,008	0	6,014	31,586	8,682	2,298	12,923	0	-
Ethane	5,377	0	441	14,144	2,018	0	1,111	0	-
Propane	975	0	4,138	8,735	3,456	2,298	1,905	0	-
Normal Butane	125	0	1,435	4,086	1,451	0	616	0	-
Isobutane	292	0	0	1,540	514	0	1,004	0	-
Natural Gasoline	239	0	0	3,081	1,243	0	8,287	0	-
Motor Gasoline Blending Components	6,601	0	357	1,432	2,117	45,631	2,627	0	3,505
Reformulated - RBOB	0	0	0	231	-	6,894	435	-	1,876
Conventional	6,601	0	357	1,201	2,117	38,737	2,192	0	1,629
CBOB	6,601	0	357	1,201	2,117	38,333	2,192	0	1,629
GTAB	-	-	-	-	-	-	-	-	-
Other	-	0	0	0	-	404	-	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Biodiesel	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	58	0	347	0	131	1,514	328	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	58	0	347	0	131	1,514	328	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	58	0	347	0	131	1,514	328	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	309	0	937	39	1,074	8,627	1,755	0	217
Kerosene	-	0	0	0	-	298	-	-	-
Distillate Fuel Oil	2,244	0	704	1,030	1,006	22,818	1,082	0	781
15 ppm sulfur and under	2,244	0	704	1,030	1,006	22,640	994	0	781
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	-	-	88	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	178	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	16,359	30	8,543	85,564	18,641	81,309	42,726	0	4,503

See footnotes at end of table.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, January 2023
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	26,548	284	-	0	0
Petroleum Products	0	19,663	2,961	1,728	0	0
Natural Gas Liquids	0	18,675	2,961	-	0	0
Ethane	0	5,298	901	-	0	0
Propane	0	6,957	950	-	0	0
Normal Butane	0	2,873	425	-	0	0
Isobutane	0	1,112	209	-	0	0
Natural Gasoline	0	2,435	476	-	0	0
Motor Gasoline Blending Components	0	148	0	1,305	0	0
Reformulated - RBOB	0	0	0	0	0	-
Conventional	0	148	0	1,305	0	0
CBOB	0	148	0	1,305	0	0
GTAB	-	-	-	-	-	-
Other	0	-	0	-	0	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Biodiesel	--	--	--	--	--	--
Renewable Diesel Fuel	--	--	--	--	--	--
Other Biofuels ¹	--	--	--	--	--	--
Finished Motor Gasoline	0	371	0	59	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	371	0	59	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	371	0	59	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	12	0	8	0	0
Kerosene	0	-	0	-	0	-
Distillate Fuel Oil	0	457	0	356	0	0
15 ppm sulfur and under	0	457	0	356	0	0
Greater than 15 ppm to 500 ppm sulfur	-	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	46,211	3,245	1,728	0	0

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report."

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, February 2023
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	129	17	186	51,860	5,438	108	17,833	0	-
Petroleum Products	15,025	0	7,875	35,433	12,531	80,783	16,105	0	4,377
Natural Gas Liquids	6,746	0	5,731	33,392	8,779	1,573	9,380	0	-
Ethane	5,372	0	446	14,522	2,074	0	929	0	-
Propane	808	0	3,971	11,456	3,488	1,573	1,461	0	-
Normal Butane	107	0	1,314	3,470	1,460	0	473	0	-
Isobutane	249	0	0	1,300	515	0	612	0	-
Natural Gasoline	210	0	0	2,644	1,242	0	5,905	0	-
Motor Gasoline Blending Components	5,469	0	352	1,190	2,033	44,515	3,637	0	3,344
Reformulated - RBOB	0	0	0	0	-	6,520	1,123	-	1,845
Conventional	5,469	0	352	1,190	2,033	37,995	2,514	0	1,499
CBOB	5,469	0	352	1,190	2,033	36,883	2,461	0	1,499
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	1,112	53	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Biodiesel	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	73	0	391	0	126	1,095	401	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	73	0	391	0	126	1,095	401	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	73	0	391	0	126	1,095	401	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	292	0	608	30	834	10,143	1,837	0	156
Kerosene	-	0	0	0	-	298	-	-	-
Distillate Fuel Oil	2,445	0	793	821	759	23,159	850	0	877
15 ppm sulfur and under	2,445	0	793	821	759	22,951	794	0	877
Greater than 15 ppm to 500 ppm sulfur	0	0	0	0	-	-	56	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	208	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	15,154	17	8,061	87,293	17,969	80,891	33,938	0	4,377

See footnotes at end of table.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, February 2023
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	24,078	265	-	0	0
Petroleum Products	0	18,395	3,008	1,567	0	0
Natural Gas Liquids	0	17,631	3,008	-	0	0
Ethane	0	5,050	806	-	0	0
Propane	0	6,543	1,033	-	0	0
Normal Butane	0	2,709	434	-	0	0
Isobutane	0	1,036	241	-	0	0
Natural Gasoline	0	2,293	494	-	0	0
Motor Gasoline Blending Components	0	177	0	1,107	0	0
Reformulated - RBOB	0	0	0	0	0	-
Conventional	0	177	0	1,107	0	0
CBOB	0	177	0	1,107	0	0
GTAB	-	-	-	-	-	-
Other	0	0	0	-	0	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Biodiesel	--	--	--	--	--	--
Renewable Diesel Fuel	--	--	--	--	--	--
Other Biofuels ¹	--	--	--	--	--	--
Finished Motor Gasoline	0	234	0	86	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	234	0	86	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	234	0	86	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	12	0	35	0	0
Kerosene	0	-	0	-	0	-
Distillate Fuel Oil	0	341	0	339	0	0
15 ppm sulfur and under	0	341	0	339	0	0
Greater than 15 ppm to 500 ppm sulfur	-	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	42,473	3,273	1,567	0	0

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report."

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, March 2023
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	145	18	254	61,805	5,453	114	15,050	0	-
Petroleum Products	16,617	0	8,636	41,700	13,899	80,115	17,131	0	3,950
Natural Gas Liquids	7,327	0	6,498	39,746	10,125	1,742	11,038	0	-
Ethane	5,762	0	412	17,954	2,580	0	1,152	0	-
Propane	930	0	4,268	12,864	3,925	1,742	1,390	0	-
Normal Butane	119	0	1,818	4,176	1,649	0	292	0	-
Isobutane	278	0	0	1,609	583	0	628	0	-
Natural Gasoline	238	0	0	3,143	1,388	0	7,576	0	-
Motor Gasoline Blending Components	6,389	0	779	1,138	2,163	47,292	2,308	0	2,981
Reformulated - RBOB	0	0	0	0	-	6,235	113	-	1,521
Conventional	6,389	0	779	1,138	2,163	41,057	2,195	0	1,460
CBOB	6,389	0	779	1,138	2,163	40,505	2,195	0	1,460
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	552	-	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Biodiesel	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	45	0	390	0	112	997	463	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	45	0	390	0	112	997	463	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	45	0	390	0	112	997	463	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	369	0	127	83	858	9,365	866	0	235
Kerosene	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil	2,487	0	842	733	641	20,719	2,456	0	734
15 ppm sulfur and under	2,487	0	842	733	641	20,575	2,328	0	734
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	-	-	128	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	144	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	16,762	18	8,890	103,505	19,352	80,229	32,181	0	3,950

See footnotes at end of table.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, March 2023
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	24,067	274	-	0	0
Petroleum Products	0	21,267	4,134	1,669	0	0
Natural Gas Liquids	0	20,440	4,134	-	0	0
Ethane	0	6,150	1,339	-	0	0
Propane	0	7,452	1,391	-	0	0
Normal Butane	0	3,077	514	-	0	0
Isobutane	0	1,179	316	-	0	0
Natural Gasoline	0	2,582	574	-	0	0
Motor Gasoline Blending Components	0	166	0	1,207	0	0
Reformulated - RBOB	0	0	0	0	0	-
Conventional	0	166	0	1,207	0	0
CBOB	0	166	0	1,207	0	0
GTAB	-	-	-	-	-	-
Other	0	-	0	-	0	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Biodiesel	--	--	--	--	--	--
Renewable Diesel Fuel	--	--	--	--	--	--
Other Biofuels ¹	--	--	--	--	--	--
Finished Motor Gasoline	0	339	0	75	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	339	0	75	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	339	0	75	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	12	0	30	0	0
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	310	0	357	0	0
15 ppm sulfur and under	0	310	0	357	0	0
Greater than 15 ppm to 500 ppm sulfur	-	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	45,334	4,408	1,669	0	0

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report."

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, April 2023
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	160	12	248	61,371	5,374	107	22,582	0	-
Petroleum Products	16,652	0	10,034	41,170	14,276	78,336	18,705	0	3,190
Natural Gas Liquids	6,470	0	6,987	39,008	10,706	1,561	10,093	0	-
Ethane	5,129	0	0	18,075	3,049	0	903	0	-
Propane	934	0	5,335	11,862	4,025	1,561	1,297	0	-
Normal Butane	119	0	1,652	4,627	1,667	0	536	0	-
Isobutane	279	0	0	1,459	586	0	635	0	-
Natural Gasoline	9	0	0	2,985	1,379	0	6,722	0	-
Motor Gasoline Blending Components	6,899	0	683	1,314	2,061	44,019	3,809	0	2,492
Reformulated - RBOB	0	0	0	210	-	7,691	1,783	-	1,109
Conventional	6,899	0	683	1,104	2,061	36,328	2,026	0	1,383
CBOB	6,899	0	683	1,104	2,061	35,484	1,927	0	1,383
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	844	99	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Biodiesel	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	57	0	799	0	106	1,168	632	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	57	0	799	0	106	1,168	632	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	57	0	799	0	106	1,168	632	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	391	0	820	30	818	11,955	1,122	0	110
Kerosene	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil	2,835	0	745	818	585	19,633	3,049	0	588
15 ppm sulfur and under	2,835	0	745	818	585	19,469	2,980	0	588
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	-	-	69	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	164	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	16,812	12	10,282	102,541	19,650	78,443	41,287	0	3,190

See footnotes at end of table.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, April 2023
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	23,894	315	-	0	0
Petroleum Products	0	21,628	3,697	1,531	0	0
Natural Gas Liquids	0	21,131	3,697	-	0	0
Ethane	0	6,590	1,291	-	0	0
Propane	0	7,598	1,167	-	0	0
Normal Butane	0	3,136	452	-	0	0
Isobutane	0	1,206	282	-	0	0
Natural Gasoline	0	2,601	505	-	0	0
Motor Gasoline Blending Components	0	159	0	1,122	0	0
Reformulated - RBOB	0	0	0	0	0	-
Conventional	0	159	0	1,122	0	0
CBOB	0	159	0	1,122	0	0
GTAB	-	-	-	-	-	-
Other	0	0	0	-	0	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Biodiesel	--	--	--	--	--	--
Renewable Diesel Fuel	--	--	--	--	--	--
Other Biofuels ¹	--	--	--	--	--	--
Finished Motor Gasoline	0	130	0	101	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	130	0	101	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	130	0	101	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	0	0	1	0	0
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	208	0	307	0	0
15 ppm sulfur and under	0	208	0	307	0	0
Greater than 15 ppm to 500 ppm sulfur	-	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	45,522	4,012	1,531	0	0

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report."

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, May 2023
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	131	20	200	61,715	6,430	118	24,666	0	-
Petroleum Products	17,333	0	10,493	38,339	15,155	79,706	22,877	0	3,683
Natural Gas Liquids	7,316	0	7,362	36,046	11,219	341	10,232	0	-
Ethane	5,881	0	0	17,821	2,946	0	937	0	-
Propane	997	0	5,603	10,222	4,265	341	1,263	0	-
Normal Butane	127	0	1,759	3,996	1,825	0	556	0	-
Isobutane	302	0	0	1,316	632	0	631	0	-
Natural Gasoline	9	0	0	2,691	1,551	0	6,845	0	-
Motor Gasoline Blending Components	6,670	0	533	1,288	2,298	46,035	6,301	0	2,928
Reformulated - RBOB	0	0	0	144	-	9,759	4,062	-	1,432
Conventional	6,670	0	533	1,144	2,298	36,276	2,239	0	1,496
CBOB	6,670	0	533	1,144	2,298	35,670	2,191	0	1,496
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	606	48	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Biodiesel	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	106	0	892	0	114	628	2,095	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	106	0	892	0	114	628	2,095	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	106	0	892	0	114	628	2,095	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	401	0	829	59	630	13,074	1,098	0	92
Kerosene	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil	2,840	0	877	946	894	19,628	3,151	0	663
15 ppm sulfur and under	2,840	0	877	946	894	19,417	3,053	0	663
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	-	-	98	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	211	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	17,464	20	10,693	100,054	21,585	79,824	47,543	0	3,683

See footnotes at end of table.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, May 2023
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	27,856	307	-	0	0
Petroleum Products	0	22,622	3,903	1,491	0	0
Natural Gas Liquids	0	22,185	3,903	-	0	0
Ethane	0	6,800	1,364	-	0	0
Propane	0	7,962	1,235	-	0	0
Normal Butane	0	3,312	480	-	0	0
Isobutane	0	1,287	293	-	0	0
Natural Gasoline	0	2,824	531	-	0	0
Motor Gasoline Blending Components	0	201	0	1,145	0	0
Reformulated - RBOB	0	0	0	0	0	-
Conventional	0	201	0	1,145	0	0
CBOB	0	201	0	1,145	0	0
GTAB	-	-	-	-	-	-
Other	0	0	0	-	0	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Biodiesel	--	--	--	--	--	--
Renewable Diesel Fuel	--	--	--	--	--	--
Other Biofuels ¹	--	--	--	--	--	--
Finished Motor Gasoline	0	45	0	102	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	45	0	102	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	45	0	102	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	0	0	1	0	0
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	191	0	243	0	0
15 ppm sulfur and under	0	191	0	243	0	0
Greater than 15 ppm to 500 ppm sulfur	-	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	50,478	4,210	1,491	0	0

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report."

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, June 2023
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	140	12	231	56,056	6,786	109	23,932	0	-
Petroleum Products	17,391	0	10,581	37,064	14,438	77,618	21,462	0	4,482
Natural Gas Liquids	7,404	0	7,724	35,081	10,617	407	9,895	0	-
Ethane	6,117	0	573	16,120	2,273	0	1,022	0	-
Propane	889	0	5,233	9,505	4,236	407	1,138	0	-
Normal Butane	115	0	1,918	4,828	1,845	0	294	0	-
Isobutane	276	0	0	1,430	636	0	941	0	-
Natural Gasoline	7	0	0	3,198	1,627	0	6,500	0	-
Motor Gasoline Blending Components	6,651	0	464	1,139	2,084	43,988	6,286	0	3,329
Reformulated - RBOB	0	0	0	0	-	9,711	4,218	-	1,789
Conventional	6,651	0	464	1,139	2,084	34,277	2,068	0	1,540
CBOB	6,651	0	464	1,139	2,084	34,277	2,068	0	1,540
GTAB	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Biodiesel	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	95	0	682	0	101	762	877	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	95	0	682	0	101	762	877	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	95	0	682	0	101	762	877	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	377	0	984	55	827	12,659	1,086	0	261
Kerosene	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil	2,864	0	727	789	809	19,802	3,318	0	892
15 ppm sulfur and under	2,864	0	727	789	809	19,558	3,213	0	892
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	-	-	105	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	244	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	17,531	12	10,812	93,120	21,224	77,727	45,394	0	4,482

See footnotes at end of table.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, June 2023
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	27,188	295	-	0	0
Petroleum Products	0	22,170	4,905	1,433	0	0
Natural Gas Liquids	0	21,162	4,905	-	0	0
Ethane	0	5,818	1,872	-	0	0
Propane	0	7,816	1,507	-	0	0
Normal Butane	0	3,333	445	-	0	0
Isobutane	0	1,283	366	-	0	0
Natural Gasoline	0	2,912	715	-	0	0
Motor Gasoline Blending Components	0	231	0	1,042	0	0
Reformulated - RBOB	0	0	0	0	0	-
Conventional	0	231	0	1,042	0	0
CBOB	0	231	0	1,042	0	0
GTAB	-	-	-	-	-	-
Other	-	-	-	-	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Biodiesel	--	--	--	--	--	--
Renewable Diesel Fuel	--	--	--	--	--	--
Other Biofuels ¹	--	--	--	--	--	--
Finished Motor Gasoline	0	369	0	87	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	369	0	87	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	369	0	87	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	12	0	23	0	0
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	396	0	281	0	0
15 ppm sulfur and under	0	396	0	281	0	0
Greater than 15 ppm to 500 ppm sulfur	-	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	49,358	5,200	1,433	0	0

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report."

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, July 2023
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	123	19	237	61,106	6,852	114	21,546	0	-
Petroleum Products	17,013	0	8,813	40,539	15,351	82,669	21,791	0	4,385
Natural Gas Liquids	7,275	0	6,520	38,546	11,265	936	11,750	0	-
Ethane	6,041	0	542	16,771	2,486	0	1,031	0	-
Propane	853	0	4,745	11,869	4,458	936	1,689	0	-
Normal Butane	110	0	1,233	4,781	1,936	0	307	0	-
Isobutane	265	0	0	1,437	669	0	893	0	-
Natural Gasoline	6	0	0	3,688	1,716	0	7,830	0	-
Motor Gasoline Blending Components	6,764	0	624	1,231	2,466	46,785	5,821	0	3,235
Reformulated - RBOB	0	0	0	0	-	11,450	3,195	-	1,669
Conventional	6,764	0	624	1,231	2,466	35,335	2,626	0	1,566
CBOB	6,764	0	624	1,231	2,466	34,984	2,486	0	1,566
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	351	140	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Biodiesel	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	103	0	576	0	161	841	1,005	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	103	0	576	0	161	841	1,005	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	103	0	576	0	161	841	1,005	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	431	0	151	30	911	13,404	1,097	0	227
Kerosene	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil	2,440	0	942	732	548	20,703	2,118	0	923
15 ppm sulfur and under	2,440	0	942	732	548	20,472	2,009	0	923
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	-	-	109	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	231	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	17,136	19	9,050	101,645	22,203	82,783	43,337	0	4,385

See footnotes at end of table.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, July 2023
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	26,198	317	-	0	0
Petroleum Products	0	23,417	4,914	1,460	0	0
Natural Gas Liquids	0	22,385	4,914	-	0	0
Ethane	0	6,421	1,766	-	0	0
Propane	0	8,100	1,487	-	0	0
Normal Butane	0	3,461	576	-	0	0
Isobutane	0	1,335	354	-	0	0
Natural Gasoline	0	3,068	731	-	0	0
Motor Gasoline Blending Components	0	222	0	1,118	0	0
Reformulated - RBOB	0	0	0	0	0	-
Conventional	0	222	0	1,118	0	0
CBOB	0	222	0	1,118	0	0
GTAB	-	-	-	-	-	-
Other	0	0	0	-	0	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Biodiesel	--	--	--	--	--	--
Renewable Diesel Fuel	--	--	--	--	--	--
Other Biofuels ¹	--	--	--	--	--	--
Finished Motor Gasoline	0	394	0	91	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	394	0	91	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	394	0	91	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	11	0	32	0	0
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	405	0	219	0	0
15 ppm sulfur and under	0	405	0	219	0	0
Greater than 15 ppm to 500 ppm sulfur	-	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	49,615	5,231	1,460	0	0

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report."

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, August 2023
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	114	20	200	58,318	7,376	107	19,074	0	-
Petroleum Products	17,642	0	9,863	41,308	15,511	81,864	19,796	0	4,011
Natural Gas Liquids	7,415	0	7,305	39,415	11,519	1,264	10,975	0	-
Ethane	6,046	0	0	17,692	2,661	0	1,081	0	-
Propane	947	0	5,670	11,891	4,531	1,264	1,723	0	-
Normal Butane	122	0	1,635	4,572	1,928	0	616	0	-
Isobutane	293	0	0	1,532	673	0	701	0	-
Natural Gasoline	7	0	0	3,728	1,726	0	6,854	0	-
Motor Gasoline Blending Components	6,860	0	736	988	2,252	46,306	5,123	0	2,875
Reformulated - RBOB	0	0	0	0	-	10,330	2,621	-	1,306
Conventional	6,860	0	736	988	2,252	35,976	2,502	0	1,569
CBOB	6,860	0	736	988	2,252	35,443	2,402	0	1,569
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	533	100	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Biodiesel	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	97	0	685	0	145	696	420	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	97	0	685	0	145	696	420	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	97	0	685	0	145	696	420	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	381	0	207	59	815	12,348	1,173	0	259
Kerosene	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil	2,889	0	930	846	780	21,250	2,105	0	877
15 ppm sulfur and under	2,889	0	930	846	780	21,221	1,987	0	877
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	-	-	118	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	29	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	17,756	20	10,063	99,626	22,887	81,971	38,870	0	4,011

See footnotes at end of table.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, August 2023
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	27,622	317	-	0	0
Petroleum Products	0	23,818	4,471	1,429	0	0
Natural Gas Liquids	0	22,792	4,471	-	0	0
Ethane	0	6,596	1,511	-	0	0
Propane	0	8,243	1,478	-	0	0
Normal Butane	0	3,485	427	-	0	0
Isobutane	0	1,338	342	-	0	0
Natural Gasoline	0	3,130	713	-	0	0
Motor Gasoline Blending Components	0	250	0	1,094	0	0
Reformulated - RBOB	0	0	0	0	0	-
Conventional	0	250	0	1,094	0	0
CBOB	0	250	0	1,094	0	0
GTAB	-	-	-	-	-	-
Other	0	0	0	-	0	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Biodiesel	--	--	--	--	--	--
Renewable Diesel Fuel	--	--	--	--	--	--
Other Biofuels ¹	--	--	--	--	--	--
Finished Motor Gasoline	0	329	0	124	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	329	0	124	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	329	0	124	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	12	0	15	0	0
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	435	0	196	0	0
15 ppm sulfur and under	0	435	0	196	0	0
Greater than 15 ppm to 500 ppm sulfur	-	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	51,440	4,788	1,429	0	0

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report."

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, September 2023
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	164	26	238	63,986	8,062	113	18,039	0	-
Petroleum Products	16,811	0	8,314	39,595	14,905	76,017	19,656	0	3,725
Natural Gas Liquids	7,689	0	5,806	37,983	11,506	1,174	11,118	0	-
Ethane	6,240	0	288	18,164	2,635	0	1,018	0	-
Propane	1,006	0	4,285	10,672	4,590	1,174	1,512	0	-
Normal Butane	129	0	1,233	3,999	1,907	0	385	0	-
Isobutane	305	0	0	1,459	668	0	1,175	0	-
Natural Gasoline	9	0	0	3,689	1,706	0	7,028	0	-
Motor Gasoline Blending Components	6,181	0	704	1,096	1,739	44,333	4,768	0	2,644
Reformulated - RBOB	0	0	0	0	203	6,067	2,250	0	976
Conventional	6,181	0	704	1,096	1,536	38,266	2,518	0	1,668
CBOB	6,181	0	704	1,096	1,536	37,553	2,066	0	1,668
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	713	452	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Biodiesel	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	66	0	660	0	113	732	217	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	66	0	660	0	113	732	217	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	66	0	660	0	113	732	217	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	357	0	94	60	700	11,480	1,248	0	229
Kerosene	-	0	0	0	-	174	-	-	-
Distillate Fuel Oil	2,518	0	1,050	456	847	18,124	2,305	0	852
15 ppm sulfur and under	2,518	0	1,050	456	847	17,926	2,168	0	852
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	-	-	137	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	198	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	16,975	26	8,552	103,581	22,967	76,130	37,695	0	3,725

See footnotes at end of table.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, September 2023
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	26,706	289	-	0	0
Petroleum Products	0	23,218	5,162	1,484	0	0
Natural Gas Liquids	0	22,220	5,162	-	0	0
Ethane	0	6,468	1,937	-	0	0
Propane	0	8,109	1,512	-	0	0
Normal Butane	0	3,367	577	-	0	0
Isobutane	0	1,289	352	-	0	0
Natural Gasoline	0	2,987	784	-	0	0
Motor Gasoline Blending Components	0	217	0	1,113	0	0
Reformulated - RBOB	0	0	0	0	0	0
Conventional	0	217	0	1,113	0	0
CBOB	0	217	0	1,113	0	0
GTAB	-	-	-	-	-	-
Other	0	0	0	-	0	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Biodiesel	--	--	--	--	--	--
Renewable Diesel Fuel	--	--	--	--	--	--
Other Biofuels ¹	--	--	--	--	--	--
Finished Motor Gasoline	0	413	0	103	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	413	0	103	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	413	0	103	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	12	0	9	0	0
Kerosene	0	-	0	-	0	-
Distillate Fuel Oil	0	356	0	259	0	0
15 ppm sulfur and under	0	356	0	259	0	0
Greater than 15 ppm to 500 ppm sulfur	-	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	49,924	5,451	1,484	0	0

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report."

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, October 2023
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	163	20	306	68,932	8,383	115	20,230	0	-
Petroleum Products	15,942	0	9,332	40,075	14,243	83,688	18,438	0	5,124
Natural Gas Liquids	6,699	0	6,953	38,370	11,637	1,595	10,964	0	-
Ethane	5,250	0	170	18,469	2,846	0	975	0	-
Propane	1,003	0	5,351	11,330	4,598	1,595	998	0	-
Normal Butane	130	0	1,432	3,564	1,887	0	599	0	-
Isobutane	310	0	0	1,484	670	0	547	0	-
Natural Gasoline	6	0	0	3,523	1,636	0	7,845	0	-
Motor Gasoline Blending Components	6,136	0	739	890	949	46,567	3,091	0	3,587
Reformulated - RBOB	0	0	0	0	342	7,908	1,566	0	1,918
Conventional	6,136	0	739	890	607	38,659	1,525	0	1,669
CBOB	6,136	0	739	890	607	38,145	1,060	0	1,669
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	514	465	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Biodiesel	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	55	0	893	0	0	825	156	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	55	0	893	0	0	825	156	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	55	0	893	0	0	825	156	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	456	0	175	30	885	14,357	1,443	0	323
Kerosene	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil	2,596	0	572	785	772	20,344	2,784	0	1,214
15 ppm sulfur and under	2,596	0	572	785	772	20,156	2,689	0	1,214
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	-	-	95	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	188	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	16,105	20	9,638	109,007	22,626	83,803	38,668	0	5,124

See footnotes at end of table.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, October 2023
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	28,037	273	-	0	0
Petroleum Products	0	24,019	5,235	1,722	0	0
Natural Gas Liquids	0	22,933	5,235	-	0	0
Ethane	0	6,860	2,158	-	0	0
Propane	0	8,372	1,482	-	0	0
Normal Butane	0	3,402	556	-	0	0
Isobutane	0	1,309	344	-	0	0
Natural Gasoline	0	2,990	695	-	0	0
Motor Gasoline Blending Components	0	213	0	1,241	0	0
Reformulated - RBOB	0	0	0	0	0	0
Conventional	0	213	0	1,241	0	0
CBOB	0	213	0	1,241	0	0
GTAB	-	-	-	-	-	-
Other	0	0	0	-	0	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Biodiesel	--	--	--	--	--	--
Renewable Diesel Fuel	--	--	--	--	--	--
Other Biofuels ¹	--	--	--	--	--	--
Finished Motor Gasoline	0	366	0	95	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	366	0	95	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	366	0	95	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	27	0	44	0	0
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	480	0	342	0	0
15 ppm sulfur and under	0	480	0	342	0	0
Greater than 15 ppm to 500 ppm sulfur	-	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	52,056	5,508	1,722	0	0

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report."

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, November 2023
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	134	13	273	64,685	8,062	108	23,463	0	-
Petroleum Products	16,763	0	7,744	38,190	14,605	84,661	18,067	0	4,537
Natural Gas Liquids	7,512	0	5,200	36,436	12,167	1,653	11,098	0	-
Ethane	6,022	0	0	17,744	2,990	0	988	0	-
Propane	1,030	0	3,933	10,864	4,749	1,653	1,547	0	-
Normal Butane	134	0	1,267	3,324	1,979	0	521	0	-
Isobutane	319	0	0	1,458	707	0	898	0	-
Natural Gasoline	7	0	0	3,046	1,742	0	7,144	0	-
Motor Gasoline Blending Components	6,090	0	688	1,088	805	46,175	2,936	0	3,706
Reformulated - RBOB	0	0	0	0	320	7,631	688	0	2,082
Conventional	6,090	0	688	1,088	485	38,544	2,248	0	1,624
CBOB	6,090	0	688	1,088	485	37,981	1,466	0	1,624
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	563	782	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Biodiesel	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	69	0	666	0	0	1,139	380	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	69	0	666	0	0	1,139	380	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	69	0	666	0	0	1,139	380	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	407	0	192	32	820	12,253	1,894	0	178
Kerosene	-	0	0	0	-	108	-	-	-
Distillate Fuel Oil	2,685	0	998	634	813	23,333	1,759	0	653
15 ppm sulfur and under	2,685	0	998	634	813	23,205	1,633	0	653
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	-	-	126	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	128	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	16,897	13	8,017	102,875	22,667	84,769	41,530	0	4,537

See footnotes at end of table.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, November 2023
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	28,357	292	-	0	0
Petroleum Products	0	23,526	4,543	1,612	0	0
Natural Gas Liquids	0	22,529	4,543	-	0	0
Ethane	0	6,450	1,500	-	0	0
Propane	0	8,355	1,455	-	0	0
Normal Butane	0	3,417	415	-	0	0
Isobutane	0	1,322	474	-	0	0
Natural Gasoline	0	2,985	699	-	0	0
Motor Gasoline Blending Components	0	213	0	1,124	0	0
Reformulated - RBOB	0	0	0	0	0	0
Conventional	0	213	0	1,124	0	0
CBOB	0	213	0	1,124	0	0
GTAB	-	-	-	-	-	-
Other	0	0	0	-	0	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Biodiesel	--	--	--	--	--	--
Renewable Diesel Fuel	--	--	--	--	--	--
Other Biofuels ¹	--	--	--	--	--	--
Finished Motor Gasoline	0	377	0	67	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	377	0	67	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	377	0	67	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	8	0	44	0	0
Kerosene	0	-	0	-	0	-
Distillate Fuel Oil	0	399	0	377	0	0
15 ppm sulfur and under	0	399	0	377	0	0
Greater than 15 ppm to 500 ppm sulfur	-	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	51,883	4,835	1,612	0	0

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report."

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, December 2023
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	138	16	260	62,256	8,508	108	22,099	0	-
Petroleum Products	15,438	0	8,679	37,001	14,180	88,583	16,763	0	5,170
Natural Gas Liquids	7,244	0	6,113	34,923	11,645	2,085	11,139	0	-
Ethane	5,743	0	13	15,208	2,497	0	976	0	-
Propane	1,038	0	5,002	11,555	4,804	2,085	1,482	0	-
Normal Butane	135	0	1,098	3,554	1,962	0	486	0	-
Isobutane	321	0	0	1,473	693	0	777	0	-
Natural Gasoline	7	0	0	3,133	1,689	0	7,418	0	-
Motor Gasoline Blending Components	5,335	0	744	1,198	1,035	47,613	2,961	0	3,906
Reformulated - RBOB	0	0	0	222	643	8,181	980	0	2,098
Conventional	5,335	0	744	976	392	39,432	1,981	0	1,808
CBOB	5,335	0	744	976	392	39,092	1,328	0	1,808
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	340	653	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Biodiesel	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	68	0	539	0	0	1,501	55	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	68	0	539	0	0	1,501	55	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	68	0	539	0	0	1,501	55	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	434	0	129	47	809	11,655	1,393	0	265
Kerosene	-	0	0	0	-	109	-	-	-
Distillate Fuel Oil	2,357	0	1,154	833	691	25,620	1,215	0	999
15 ppm sulfur and under	2,357	0	1,154	833	691	25,486	1,082	0	999
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	-	-	133	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	134	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	15,576	16	8,939	99,257	22,688	88,691	38,862	0	5,170

See footnotes at end of table.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, December 2023
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	30,386	265	-	0	0
Petroleum Products	0	23,712	4,556	1,770	0	0
Natural Gas Liquids	0	22,670	4,556	-	0	0
Ethane	0	5,963	1,502	-	0	0
Propane	0	8,719	1,465	-	0	0
Normal Butane	0	3,553	417	-	0	0
Isobutane	0	1,375	475	-	0	0
Natural Gasoline	0	3,060	697	-	0	0
Motor Gasoline Blending Components	0	202	0	1,327	0	0
Reformulated - RBOB	0	0	0	0	0	0
Conventional	0	202	0	1,327	0	0
CBOB	0	202	0	1,327	0	0
GTAB	-	-	-	-	-	-
Other	0	0	0	-	0	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Biodiesel	--	--	--	--	--	--
Renewable Diesel Fuel	--	--	--	--	--	--
Other Biofuels ¹	--	--	--	--	--	--
Finished Motor Gasoline	0	441	0	84	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	441	0	84	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	441	0	84	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	12	0	6	0	0
Kerosene	0	-	0	-	0	-
Distillate Fuel Oil	0	387	0	353	0	0
15 ppm sulfur and under	0	387	0	353	0	0
Greater than 15 ppm to 500 ppm sulfur	-	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	54,098	4,821	1,770	0	0

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report."

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, January 2023
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
Crude Oil	190	0	-	189	40	-
Petroleum Products	57	0	0	2,374	3,406	0
Natural Gas Liquids	-	0	-	0	0	-
Ethane	-	-	-	-	-	-
Propane	-	0	-	0	0	-
Normal Butane	-	-	-	-	-	-
Isobutane	-	-	-	-	-	-
Natural Gasoline	-	-	-	-	-	-
Unfinished Oils	57	0	-	0	1,167	-
Motor Gasoline Blending Components	0	0	-	1,324	175	-
Reformulated - RBOB	-	-	-	-	-	-
Conventional	0	0	-	1,324	175	-
CBOB	0	0	-	1,324	72	-
GTAB	-	-	-	-	-	-
Other	0	0	-	0	103	-
Biofuels (including Fuel Ethanol)	0	0	0	259	661	0
Fuel Ethanol	0	0	-	259	621	-
Biodiesel	0	0	-	-	40	-
Renewable Diesel Fuel	-	0	0	-	0	0
Other Biofuels ¹	-	-	-	-	-	-
Finished Motor Gasoline	0	0	-	90	137	-
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	0	-	90	137	-
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	0	-	90	137	-
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	0	0	-	19	0	-
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	0	-	682	82	-
15 ppm sulfur and under	0	0	-	682	82	-
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-
Greater than 500 ppm sulfur	-	0	-	0	0	-
Residual Fuel Oil	0	0	-	-	880	-
Less than 0.31 percent sulfur	0	0	-	-	49	-
0.31 to 1.00 percent sulfur	0	0	-	-	158	-
Greater than 1.00 percent sulfur	0	0	-	-	673	-
Petrochemical Feedstocks	0	0	-	-	94	-
Naphtha for Petrochemical Feedstock Use	0	0	-	-	94	-
Other Oils for Petrochemical Feedstock Use	-	-	-	-	-	-
Special Naphthas	0	0	-	-	0	-
Lubricants	0	0	-	0	9	-
Waxes	-	-	-	-	-	-
Marketable Petroleum Coke	-	-	-	-	-	-
Asphalt and Road Oil	0	0	-	0	201	-
Miscellaneous Products	0	0	-	-	0	-
Total	247	0	0	2,563	3,446	0

See footnotes at end of table.

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, January 2023
(Thousand Barrels) — Continued

Commodity	From 3 to					From 5 to			
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
Crude Oil	2,224	—	2,224	—	0	—	0	0	0
Petroleum Products	21,602	—	660	20,942	989	640	0	0	0
Natural Gas Liquids	76	—	—	76	—	—	0	—	0
Ethane	—	—	—	—	—	—	—	—	—
Propane	76	—	—	76	—	—	0	—	0
Normal Butane	—	—	—	—	—	—	—	—	—
Isobutane	—	—	—	—	—	—	—	—	—
Natural Gasoline	—	—	—	—	—	—	—	—	—
Unfinished Oils	30	—	30	—	138	—	0	0	0
Motor Gasoline Blending Components	12,317	—	299	12,018	0	—	0	0	0
Reformulated - RBOB	—	—	—	—	—	—	—	—	—
Conventional	12,317	—	299	12,018	0	—	0	0	0
CBOB	11,950	—	—	11,950	0	—	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	367	—	299	68	0	—	0	0	0
Biofuels (including Fuel Ethanol)	0	—	—	—	0	640	0	0	0
Fuel Ethanol	0	—	—	—	0	—	0	0	0
Biodiesel	—	—	—	—	0	—	—	0	0
Renewable Diesel Fuel	—	—	—	—	—	640	—	—	0
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	492	—	—	492	49	—	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	492	—	—	492	49	—	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	492	—	—	492	49	—	0	0	0
Finished Aviation Gasoline	124	—	80	44	45	—	0	0	0
Kerosene-Type Jet Fuel	3,578	—	—	3,578	324	—	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	4,262	—	—	4,262	174	—	0	0	0
15 ppm sulfur and under	4,052	—	—	4,052	174	—	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	—	—	—	—	—	—
Greater than 500 ppm sulfur	210	—	—	210	—	—	0	—	0
Residual Fuel Oil	—	—	—	—	0	—	—	0	0
Less than 0.31 percent sulfur	—	—	—	—	0	—	—	0	0
0.31 to 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Greater than 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Petrochemical Feedstocks	—	—	—	—	9	—	—	0	0
Naphtha for Petrochemical Feedstock Use	—	—	—	—	9	—	—	0	0
Other Oils for Petrochemical Feedstock Use	—	—	—	—	—	—	—	—	—
Special Naphthas	—	—	—	—	31	—	—	0	0
Lubricants	486	—	251	235	177	—	0	0	0
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	237	—	—	237	33	—	0	0	0
Miscellaneous Products	—	—	—	—	9	—	—	0	0
Total	23,826	—	2,884	20,942	989	640	0	0	0

— = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Form EIA-817, "Monthly Tanker and Barge Movements Report."

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, February 2023
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
Crude Oil	268	0	-	352	163	-
Petroleum Products	40	0	0	1,832	3,546	0
Natural Gas Liquids	-	0	-	0	0	-
Ethane	-	-	-	-	-	-
Propane	-	0	-	0	0	-
Normal Butane	-	-	-	-	-	-
Isobutane	-	-	-	-	-	-
Natural Gasoline	-	-	-	-	-	-
Unfinished Oils	40	0	-	0	1,148	-
Motor Gasoline Blending Components	0	0	-	987	173	-
Reformulated - RBOB	-	-	-	-	-	-
Conventional	0	0	-	987	173	-
CBOB	0	0	-	987	70	-
GTAB	-	-	-	-	-	-
Other	0	0	-	0	103	-
Biofuels (including Fuel Ethanol)	0	0	0	213	559	0
Fuel Ethanol	0	0	-	213	519	-
Biodiesel	0	0	-	-	40	-
Renewable Diesel Fuel	-	0	0	-	0	0
Other Biofuels ¹	-	-	-	-	-	-
Finished Motor Gasoline	0	0	-	48	194	-
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	0	-	48	194	-
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	0	-	48	194	-
Finished Aviation Gasoline	-	0	-	0	0	-
Kerosene-Type Jet Fuel	0	0	-	51	78	-
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	0	-	431	197	-
15 ppm sulfur and under	0	0	-	431	197	-
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-
Greater than 500 ppm sulfur	-	0	-	0	0	-
Residual Fuel Oil	0	0	-	-	865	-
Less than 0.31 percent sulfur	0	0	-	-	130	-
0.31 to 1.00 percent sulfur	0	0	-	-	314	-
Greater than 1.00 percent sulfur	0	0	-	-	421	-
Petrochemical Feedstocks	0	0	-	-	47	-
Naphtha for Petrochemical Feedstock Use	0	0	-	-	47	-
Other Oils for Petrochemical Feedstock Use	-	-	-	-	-	-
Special Naphthas	0	0	-	-	0	-
Lubricants	0	0	-	0	32	-
Waxes	-	-	-	-	-	-
Marketable Petroleum Coke	-	-	-	-	-	-
Asphalt and Road Oil	0	0	-	102	253	-
Miscellaneous Products	0	0	-	-	0	-
Total	308	0	0	2,184	3,709	0

See footnotes at end of table.

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, February 2023
(Thousand Barrels) — Continued

Commodity	From 3 to					From 5 to			
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
Crude Oil	1,277	—	1,277	—	0	—	0	0	0
Petroleum Products	20,761	—	471	20,290	922	473	0	0	0
Natural Gas Liquids	59	—	—	59	—	—	0	—	0
Ethane	—	—	—	—	—	—	—	—	—
Propane	59	—	—	59	—	—	0	—	0
Normal Butane	—	—	—	—	—	—	—	—	—
Isobutane	—	—	—	—	—	—	—	—	—
Natural Gasoline	—	—	—	—	—	—	—	—	—
Unfinished Oils	34	—	34	—	358	—	0	0	0
Motor Gasoline Blending Components	12,038	—	86	11,952	101	—	0	0	0
Reformulated - RBOB	—	—	—	—	—	—	—	—	—
Conventional	12,038	—	86	11,952	101	—	0	0	0
CBOB	11,952	—	—	11,952	101	—	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	86	—	86	—	0	—	0	0	0
Biofuels (including Fuel Ethanol)	0	—	—	—	0	473	0	0	0
Fuel Ethanol	0	—	—	—	0	—	0	0	0
Biodiesel	—	—	—	—	0	—	—	0	0
Renewable Diesel Fuel	—	—	—	—	—	473	—	—	0
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	479	—	—	479	0	—	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	479	—	—	479	0	—	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	479	—	—	479	0	—	0	0	0
Finished Aviation Gasoline	122	—	21	101	—	—	0	—	0
Kerosene-Type Jet Fuel	3,457	—	—	3,457	0	—	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	3,950	—	—	3,950	261	—	0	0	0
15 ppm sulfur and under	3,850	—	—	3,850	261	—	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	—	—	—	—	—	—
Greater than 500 ppm sulfur	100	—	—	100	—	—	0	—	0
Residual Fuel Oil	—	—	—	—	0	—	—	0	0
Less than 0.31 percent sulfur	—	—	—	—	0	—	—	0	0
0.31 to 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Greater than 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Petrochemical Feedstocks	—	—	—	—	0	—	—	0	0
Naphtha for Petrochemical Feedstock Use	—	—	—	—	0	—	—	0	0
Other Oils for Petrochemical Feedstock Use	—	—	—	—	—	—	—	—	—
Special Naphthas	—	—	—	—	15	—	—	0	0
Lubricants	483	—	330	153	148	—	0	0	0
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	139	—	—	139	34	—	0	0	0
Miscellaneous Products	—	—	—	—	5	—	—	0	0
Total	22,038	—	1,748	20,290	922	473	0	0	0

— = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Form EIA-817, "Monthly Tanker and Barge Movements Report."

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, March 2023
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
Crude Oil	332	0	-	261	123	-
Petroleum Products	40	10	0	1,185	3,324	0
Natural Gas Liquids	-	0	-	0	0	-
Ethane	-	-	-	-	-	-
Propane	-	0	-	0	0	-
Normal Butane	-	-	-	-	-	-
Isobutane	-	-	-	-	-	-
Natural Gasoline	-	-	-	-	-	-
Unfinished Oils	40	0	0	0	1,311	0
Motor Gasoline Blending Components	0	0	0	525	246	0
Reformulated - RBOB	-	-	-	-	-	-
Conventional	0	0	0	525	246	0
CBOB	0	0	-	525	84	-
GTAB	-	-	-	-	-	-
Other	0	0	0	-	162	0
Biofuels (including Fuel Ethanol)	0	0	0	208	525	0
Fuel Ethanol	0	0	-	208	485	-
Biodiesel	0	0	-	-	40	-
Renewable Diesel Fuel	-	0	0	-	0	0
Other Biofuels ¹	-	-	-	-	-	-
Finished Motor Gasoline	0	0	-	30	111	-
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	0	-	30	111	-
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	0	-	30	111	-
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	0	0	-	26	22	-
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	10	-	347	103	-
15 ppm sulfur and under	0	10	-	347	51	-
Greater than 15 ppm to 500 ppm sulfur	0	0	-	-	52	-
Greater than 500 ppm sulfur	-	0	-	0	0	-
Residual Fuel Oil	0	0	-	-	832	-
Less than 0.31 percent sulfur	0	0	-	-	81	-
0.31 to 1.00 percent sulfur	0	0	-	-	238	-
Greater than 1.00 percent sulfur	0	0	-	-	513	-
Petrochemical Feedstocks	0	0	-	-	40	-
Naphtha for Petrochemical Feedstock Use	-	-	-	-	-	-
Other Oils for Petrochemical Feedstock Use	0	0	-	-	40	-
Special Naphthas	0	0	-	-	0	-
Lubricants	0	0	0	0	9	0
Waxes	-	-	-	-	-	-
Marketable Petroleum Coke	-	-	-	-	-	-
Asphalt and Road Oil	0	0	-	49	125	-
Miscellaneous Products	0	0	-	-	0	-
Total	372	10	0	1,446	3,447	0

See footnotes at end of table.

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, March 2023
(Thousand Barrels) — Continued

Commodity	From 3 to					From 5 to			
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
Crude Oil	1,650	—	1,650	—	0	—	0	0	0
Petroleum Products	24,008	—	391	23,617	1,694	743	0	0	157
Natural Gas Liquids	57	—	—	57	—	—	0	—	0
Ethane	—	—	—	—	—	—	—	—	—
Propane	57	—	—	57	—	—	0	—	0
Normal Butane	—	—	—	—	—	—	—	—	—
Isobutane	—	—	—	—	—	—	—	—	—
Natural Gasoline	—	—	—	—	—	—	—	—	—
Unfinished Oils	20	—	20	—	761	0	0	0	70
Motor Gasoline Blending Components	13,739	—	—	13,739	100	158	0	0	0
Reformulated - RBOB	—	—	—	—	—	—	—	—	—
Conventional	13,739	—	—	13,739	100	158	0	0	0
CBOB	13,739	—	—	13,739	0	—	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	100	158	—	0	0
Biofuels (including Fuel Ethanol)	0	—	—	—	0	578	0	0	0
Fuel Ethanol	0	—	—	—	0	—	0	0	0
Biodiesel	—	—	—	—	0	—	—	0	0
Renewable Diesel Fuel	—	—	—	—	—	578	—	—	0
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	414	—	—	414	75	—	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	414	—	—	414	75	—	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	414	—	—	414	75	—	0	0	0
Finished Aviation Gasoline	40	—	—	40	25	—	0	0	0
Kerosene-Type Jet Fuel	4,280	—	—	4,280	150	—	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	4,612	—	—	4,612	144	—	0	0	0
15 ppm sulfur and under	4,530	—	—	4,530	144	—	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	—	0	—	—	0	0
Greater than 500 ppm sulfur	82	—	—	82	—	—	0	—	0
Residual Fuel Oil	—	—	—	—	0	—	—	0	0
Less than 0.31 percent sulfur	—	—	—	—	0	—	—	0	0
0.31 to 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Greater than 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Petrochemical Feedstocks	—	—	—	—	0	—	—	0	0
Naphtha for Petrochemical Feedstock Use	—	—	—	—	—	—	—	—	—
Other Oils for Petrochemical Feedstock Use	—	—	—	—	0	—	—	0	0
Special Naphthas	—	—	—	—	29	—	—	0	0
Lubricants	626	—	371	255	286	7	0	0	87
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	220	—	—	220	111	—	0	0	0
Miscellaneous Products	—	—	—	—	13	—	—	0	0
Total	25,658	—	2,041	23,617	1,694	743	0	0	157

— = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Form EIA-817, "Monthly Tanker and Barge Movements Report."

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, April 2023
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
Crude Oil	180	0	-	273	176	-
Petroleum Products	94	0	0	1,252	2,874	0
Natural Gas Liquids	-	0	-	0	0	-
Ethane	-	-	-	-	-	-
Propane	-	0	-	0	0	-
Normal Butane	-	-	-	-	-	-
Isobutane	-	-	-	-	-	-
Natural Gasoline	-	-	-	-	-	-
Unfinished Oils	41	0	0	0	828	0
Motor Gasoline Blending Components	53	0	0	386	358	0
Reformulated - RBOB	-	0	0	-	0	0
Conventional	53	0	0	386	358	0
CBOB	53	0	-	386	99	-
GTAB	-	-	-	-	-	-
Other	0	0	0	0	259	0
Biofuels (including Fuel Ethanol)	0	0	0	317	563	0
Fuel Ethanol	0	0	-	317	524	-
Biodiesel	0	0	-	-	39	-
Renewable Diesel Fuel	-	0	0	-	0	0
Other Biofuels ¹	-	-	-	-	-	-
Finished Motor Gasoline	0	0	-	60	25	-
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	0	-	60	25	-
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	0	-	60	25	-
Finished Aviation Gasoline	-	0	-	0	0	-
Kerosene-Type Jet Fuel	0	0	-	19	0	-
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	0	0	369	85	0
15 ppm sulfur and under	0	0	0	369	85	0
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-
Greater than 500 ppm sulfur	-	0	-	0	0	-
Residual Fuel Oil	0	0	-	-	797	-
Less than 0.31 percent sulfur	0	0	-	-	80	-
0.31 to 1.00 percent sulfur	0	0	-	-	236	-
Greater than 1.00 percent sulfur	0	0	-	-	481	-
Petrochemical Feedstocks	0	0	-	-	121	-
Naphtha for Petrochemical Feedstock Use	0	0	-	-	98	-
Other Oils for Petrochemical Feedstock Use	0	0	-	-	23	-
Special Naphthas	0	0	-	-	0	-
Lubricants	0	0	0	0	20	0
Waxes	-	-	-	-	-	-
Marketable Petroleum Coke	-	-	-	-	-	-
Asphalt and Road Oil	0	0	-	101	77	-
Miscellaneous Products	0	0	-	-	0	-
Total	274	0	0	1,525	3,050	0

See footnotes at end of table.

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, April 2023
(Thousand Barrels) — Continued

Commodity	From 3 to					From 5 to			
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
Crude Oil	1,637	—	1,637	—	0	—	0	0	0
Petroleum Products	23,220	—	522	22,698	1,880	662	0	0	184
Natural Gas Liquids	31	—	—	31	—	—	0	—	0
Ethane	—	—	—	—	—	—	—	—	—
Propane	31	—	—	31	—	—	0	—	0
Normal Butane	—	—	—	—	—	—	—	—	—
Isobutane	—	—	—	—	—	—	—	—	—
Natural Gasoline	—	—	—	—	—	—	—	—	—
Unfinished Oils	45	—	45	—	922	0	0	0	85
Motor Gasoline Blending Components	13,537	—	100	13,437	205	80	0	0	50
Reformulated - RBOB	—	—	—	—	—	80	—	—	0
Conventional	13,537	—	100	13,437	205	0	0	0	50
CBOB	13,437	—	—	13,437	0	—	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	100	—	100	—	205	0	0	0	50
Biofuels (including Fuel Ethanol)	0	—	—	—	0	574	0	0	0
Fuel Ethanol	0	—	—	—	0	—	0	0	0
Biodiesel	—	—	—	—	0	—	—	0	0
Renewable Diesel Fuel	—	—	—	—	—	574	—	—	0
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	798	—	—	798	177	—	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	798	—	—	798	177	—	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	798	—	—	798	177	—	0	0	0
Finished Aviation Gasoline	52	—	—	52	—	—	0	—	0
Kerosene-Type Jet Fuel	3,634	—	—	3,634	0	—	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	4,389	—	—	4,389	313	0	0	0	49
15 ppm sulfur and under	4,307	—	—	4,307	313	0	0	0	49
Greater than 15 ppm to 500 ppm sulfur	—	—	—	—	—	—	—	—	—
Greater than 500 ppm sulfur	82	—	—	82	—	—	0	—	0
Residual Fuel Oil	—	—	—	—	0	—	—	0	0
Less than 0.31 percent sulfur	—	—	—	—	0	—	—	0	0
0.31 to 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Greater than 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Petrochemical Feedstocks	—	—	—	—	0	—	—	0	0
Naphtha for Petrochemical Feedstock Use	—	—	—	—	0	—	—	0	0
Other Oils for Petrochemical Feedstock Use	—	—	—	—	0	—	—	0	0
Special Naphthas	—	—	—	—	42	—	—	0	0
Lubricants	508	—	377	131	176	8	0	0	0
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	226	—	—	226	36	—	0	0	0
Miscellaneous Products	—	—	—	—	9	—	—	0	0
Total	24,857	—	2,159	22,698	1,880	662	0	0	184

— = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Form EIA-817, "Monthly Tanker and Barge Movements Report."

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, May 2023
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
Crude Oil	153	0	-	233	261	-
Petroleum Products	43	0	0	1,438	2,880	0
Natural Gas Liquids	-	0	-	0	0	-
Ethane	-	-	-	-	-	-
Propane	-	0	-	0	0	-
Normal Butane	-	-	-	-	-	-
Isobutane	-	-	-	-	-	-
Natural Gasoline	-	-	-	-	-	-
Unfinished Oils	43	0	-	0	1,365	-
Motor Gasoline Blending Components	0	0	-	516	202	-
Reformulated - RBOB	-	-	-	-	-	-
Conventional	0	0	-	516	202	-
CBOB	0	0	-	516	82	-
GTAB	-	-	-	-	-	-
Other	0	0	-	0	120	-
Biofuels (including Fuel Ethanol)	0	0	0	372	470	0
Fuel Ethanol	0	0	-	372	430	-
Biodiesel	0	0	-	-	40	-
Renewable Diesel Fuel	-	0	0	-	0	0
Other Biofuels ¹	-	-	-	-	-	-
Finished Motor Gasoline	0	0	-	97	0	-
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	0	-	97	0	-
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	0	-	97	0	-
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	0	0	-	73	0	-
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	0	-	380	39	-
15 ppm sulfur and under	0	0	-	380	39	-
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-
Greater than 500 ppm sulfur	-	0	-	0	0	-
Residual Fuel Oil	0	0	-	-	606	-
Less than 0.31 percent sulfur	0	0	-	-	48	-
0.31 to 1.00 percent sulfur	0	0	-	-	233	-
Greater than 1.00 percent sulfur	0	0	-	-	325	-
Petrochemical Feedstocks	0	0	-	-	70	-
Naphtha for Petrochemical Feedstock Use	0	0	-	-	48	-
Other Oils for Petrochemical Feedstock Use	0	0	-	-	22	-
Special Naphthas	0	0	-	-	0	-
Lubricants	0	0	0	0	10	0
Waxes	-	-	-	-	-	-
Marketable Petroleum Coke	-	-	-	-	-	-
Asphalt and Road Oil	0	0	-	0	118	-
Miscellaneous Products	0	0	-	-	0	-
Total	196	0	0	1,671	3,141	0

See footnotes at end of table.

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, May 2023
(Thousand Barrels) — Continued

Commodity	From 3 to					From 5 to			
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
Crude Oil	1,326	—	1,326	—	0	—	0	0	0
Petroleum Products	23,634	—	397	23,237	1,753	374	0	0	0
Natural Gas Liquids	52	—	—	52	—	—	0	—	0
Ethane	—	—	—	—	—	—	—	—	—
Propane	52	—	—	52	—	—	0	—	0
Normal Butane	—	—	—	—	—	—	—	—	—
Isobutane	—	—	—	—	—	—	—	—	—
Natural Gasoline	—	—	—	—	—	—	—	—	—
Unfinished Oils	65	—	65	—	285	—	0	0	0
Motor Gasoline Blending Components	14,525	—	78	14,447	178	—	0	0	0
Reformulated - RBOB	—	—	—	—	—	—	—	—	—
Conventional	14,525	—	78	14,447	178	—	0	0	0
CBOB	14,447	—	—	14,447	0	—	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	78	—	78	—	178	—	0	0	0
Biofuels (including Fuel Ethanol)	0	—	—	—	0	366	0	0	0
Fuel Ethanol	0	—	—	—	0	—	0	0	0
Biodiesel	—	—	—	—	0	—	—	0	0
Renewable Diesel Fuel	—	—	—	—	—	366	—	—	0
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	1,139	—	—	1,139	173	—	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	1,139	—	—	1,139	173	—	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	1,139	—	—	1,139	173	—	0	0	0
Finished Aviation Gasoline	51	—	—	51	35	—	0	0	0
Kerosene-Type Jet Fuel	2,838	—	—	2,838	250	—	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	4,286	—	—	4,286	488	—	0	0	0
15 ppm sulfur and under	4,165	—	—	4,165	488	—	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	—	—	—	—	—	—
Greater than 500 ppm sulfur	121	—	—	121	—	—	0	—	0
Residual Fuel Oil	—	—	—	—	0	—	—	0	0
Less than 0.31 percent sulfur	—	—	—	—	0	—	—	0	0
0.31 to 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Greater than 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Petrochemical Feedstocks	—	—	—	—	56	—	—	0	0
Naphtha for Petrochemical Feedstock Use	—	—	—	—	56	—	—	0	0
Other Oils for Petrochemical Feedstock Use	—	—	—	—	0	—	—	0	0
Special Naphthas	—	—	—	—	10	—	—	0	0
Lubricants	416	—	254	162	164	8	0	0	0
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	262	—	—	262	107	—	0	0	0
Miscellaneous Products	—	—	—	—	7	—	—	0	0
Total	24,960	—	1,723	23,237	1,753	374	0	0	0

— = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Form EIA-817, "Monthly Tanker and Barge Movements Report."

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, June 2023
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
Crude Oil	181	0	-	317	134	-
Petroleum Products	21	0	0	1,696	1,882	0
Natural Gas Liquids	-	0	-	0	0	-
Ethane	-	-	-	-	-	-
Propane	-	0	-	0	0	-
Normal Butane	-	-	-	-	-	-
Isobutane	-	-	-	-	-	-
Natural Gasoline	-	-	-	-	-	-
Unfinished Oils	21	0	-	0	588	-
Motor Gasoline Blending Components	0	0	-	741	177	-
Reformulated - RBOB	-	-	-	-	-	-
Conventional	0	0	-	741	177	-
CBOB	0	0	-	741	76	-
GTAB	-	-	-	-	-	-
Other	0	0	-	0	101	-
Biofuels (including Fuel Ethanol)	0	0	0	390	474	0
Fuel Ethanol	0	0	-	390	454	-
Biodiesel	0	0	-	-	20	-
Renewable Diesel Fuel	-	0	0	-	0	0
Other Biofuels ¹	-	-	-	-	-	-
Finished Motor Gasoline	0	0	-	69	0	-
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	0	-	69	0	-
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	0	-	69	0	-
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	0	0	-	49	0	-
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	0	-	447	35	-
15 ppm sulfur and under	0	0	-	447	35	-
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-
Greater than 500 ppm sulfur	-	-	-	-	-	-
Residual Fuel Oil	0	0	-	-	495	-
Less than 0.31 percent sulfur	0	0	-	-	76	-
0.31 to 1.00 percent sulfur	0	0	-	-	292	-
Greater than 1.00 percent sulfur	0	0	-	-	127	-
Petrochemical Feedstocks	0	0	-	0	94	-
Naphtha for Petrochemical Feedstock Use	0	0	-	0	94	-
Other Oils for Petrochemical Feedstock Use	-	-	-	-	-	-
Special Naphthas	0	0	-	-	0	-
Lubricants	0	0	0	0	19	0
Waxes	-	-	-	-	-	-
Marketable Petroleum Coke	-	-	-	-	-	-
Asphalt and Road Oil	0	0	-	0	0	-
Miscellaneous Products	0	0	-	-	0	-
Total	202	0	0	2,013	2,016	0

See footnotes at end of table.

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, June 2023
(Thousand Barrels) — Continued

Commodity	From 3 to					From 5 to			
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
Crude Oil	1,592	—	1,592	—	0	—	0	0	0
Petroleum Products	20,659	—	1,214	19,445	1,536	877	0	0	0
Natural Gas Liquids	57	—	—	57	—	—	0	—	0
Ethane	—	—	—	—	—	—	—	—	—
Propane	57	—	—	57	—	—	0	—	0
Normal Butane	—	—	—	—	—	—	—	—	—
Isobutane	—	—	—	—	—	—	—	—	—
Natural Gasoline	—	—	—	—	—	—	—	—	—
Unfinished Oils	40	—	40	—	255	—	0	0	0
Motor Gasoline Blending Components	12,296	—	587	11,709	86	—	0	0	0
Reformulated - RBOB	—	—	—	—	—	—	—	—	—
Conventional	12,296	—	587	11,709	86	—	0	0	0
CBOB	11,709	—	—	11,709	0	—	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	587	—	587	—	86	—	0	0	0
Biofuels (including Fuel Ethanol)	0	—	—	—	0	863	0	0	0
Fuel Ethanol	0	—	—	—	0	—	0	0	0
Biodiesel	—	—	—	—	0	—	—	0	0
Renewable Diesel Fuel	—	—	—	—	—	863	—	—	0
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	514	—	—	514	418	—	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	514	—	—	514	418	—	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	514	—	—	514	418	—	0	0	0
Finished Aviation Gasoline	134	—	40	94	25	—	0	0	0
Kerosene-Type Jet Fuel	3,211	—	—	3,211	154	—	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	3,511	—	—	3,511	325	—	0	0	0
15 ppm sulfur and under	3,511	—	—	3,511	325	—	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	—	—	—	—	—	—
Greater than 500 ppm sulfur	—	—	—	—	—	—	—	—	—
Residual Fuel Oil	—	—	—	—	0	—	—	0	0
Less than 0.31 percent sulfur	—	—	—	—	0	—	—	0	0
0.31 to 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Greater than 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Petrochemical Feedstocks	300	—	300	—	38	—	0	0	0
Naphtha for Petrochemical Feedstock Use	300	—	300	—	38	—	0	0	0
Other Oils for Petrochemical Feedstock Use	—	—	—	—	—	—	—	—	—
Special Naphthas	—	—	—	—	25	—	—	0	0
Lubricants	360	—	247	113	166	14	0	0	0
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	236	—	—	236	37	—	0	0	0
Miscellaneous Products	—	—	—	—	7	—	—	0	0
Total	22,251	—	2,806	19,445	1,536	877	0	0	0

— = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Form EIA-817, "Monthly Tanker and Barge Movements Report."

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, July 2023
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
Crude Oil	133	23	-	311	225	-
Petroleum Products	40	10	0	1,710	1,788	0
Natural Gas Liquids	-	0	-	0	0	-
Ethane	-	-	-	-	-	-
Propane	-	0	-	0	0	-
Normal Butane	-	-	-	-	-	-
Isobutane	-	-	-	-	-	-
Natural Gasoline	-	-	-	-	-	-
Unfinished Oils	40	0	0	0	546	0
Motor Gasoline Blending Components	0	0	-	805	133	-
Reformulated - RBOB	-	0	-	0	0	-
Conventional	0	0	-	805	133	-
CBOB	0	0	-	805	79	-
GTAB	-	-	-	-	-	-
Other	0	0	-	0	54	-
Biofuels (including Fuel Ethanol)	0	0	0	319	376	0
Fuel Ethanol	0	0	-	319	336	-
Biodiesel	0	0	-	-	40	-
Renewable Diesel Fuel	-	0	0	-	0	0
Other Biofuels ¹	-	-	-	-	-	-
Finished Motor Gasoline	0	0	-	89	51	-
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	0	-	89	51	-
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	0	-	89	51	-
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	0	0	-	45	0	-
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	10	-	400	51	-
15 ppm sulfur and under	0	10	-	400	51	-
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-
Greater than 500 ppm sulfur	-	-	-	-	-	-
Residual Fuel Oil	0	0	-	-	456	-
Less than 0.31 percent sulfur	-	-	-	-	-	-
0.31 to 1.00 percent sulfur	0	0	-	-	319	-
Greater than 1.00 percent sulfur	0	0	-	-	137	-
Petrochemical Feedstocks	0	0	-	-	124	-
Naphtha for Petrochemical Feedstock Use	0	0	-	-	90	-
Other Oils for Petrochemical Feedstock Use	0	0	-	-	34	-
Special Naphthas	0	0	-	-	0	-
Lubricants	0	0	0	0	18	0
Waxes	-	-	-	-	-	-
Marketable Petroleum Coke	-	-	-	-	-	-
Asphalt and Road Oil	0	0	-	52	33	-
Miscellaneous Products	0	0	-	-	0	-
Total	173	33	0	2,021	2,013	0

See footnotes at end of table.

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, July 2023
(Thousand Barrels) — Continued

Commodity	From 3 to						From 5 to		
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
Crude Oil	989	—	989	—	0	—	0	0	0
Petroleum Products	21,711	—	510	21,201	1,136	641	0	0	217
Natural Gas Liquids	30	—	—	30	—	—	0	—	0
Ethane	—	—	—	—	—	—	—	—	—
Propane	30	—	—	30	—	—	0	—	0
Normal Butane	—	—	—	—	—	—	—	—	—
Isobutane	—	—	—	—	—	—	—	—	—
Natural Gasoline	—	—	—	—	—	—	—	—	—
Unfinished Oils	21	—	21	—	112	0	0	0	217
Motor Gasoline Blending Components	13,965	—	194	13,771	27	—	0	0	0
Reformulated - RBOB	83	—	83	—	—	—	0	—	0
Conventional	13,882	—	111	13,771	27	—	0	0	0
CBOB	13,714	—	—	13,714	0	—	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	168	—	111	57	27	—	0	0	0
Biofuels (including Fuel Ethanol)	0	—	—	—	0	631	0	0	0
Fuel Ethanol	0	—	—	—	0	—	0	0	0
Biodiesel	—	—	—	—	0	—	—	0	0
Renewable Diesel Fuel	—	—	—	—	—	631	—	—	0
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	415	—	—	415	276	—	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	415	—	—	415	276	—	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	415	—	—	415	276	—	0	0	0
Finished Aviation Gasoline	38	—	—	38	59	—	0	0	0
Kerosene-Type Jet Fuel	3,066	—	—	3,066	178	—	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	3,465	—	—	3,465	147	—	0	0	0
15 ppm sulfur and under	3,465	—	—	3,465	147	—	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	—	—	—	—	—	—
Greater than 500 ppm sulfur	—	—	—	—	—	—	—	—	—
Residual Fuel Oil	—	—	—	—	0	—	—	0	0
Less than 0.31 percent sulfur	—	—	—	—	—	—	—	—	—
0.31 to 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Greater than 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Petrochemical Feedstocks	—	—	—	—	19	—	—	0	0
Naphtha for Petrochemical Feedstock Use	—	—	—	—	19	—	—	0	0
Other Oils for Petrochemical Feedstock Use	—	—	—	—	0	—	—	0	0
Special Naphthas	—	—	—	—	9	—	—	0	0
Lubricants	425	—	295	130	152	10	0	0	0
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	286	—	—	286	150	—	0	0	0
Miscellaneous Products	—	—	—	—	7	—	—	0	0
Total	22,700	—	1,499	21,201	1,136	641	0	0	217

— = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Form EIA-817, "Monthly Tanker and Barge Movements Report."

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, August 2023
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
Crude Oil	105	0	-	320	168	-
Petroleum Products	41	0	0	1,824	2,335	0
Natural Gas Liquids	-	0	-	0	0	-
Ethane	-	-	-	-	-	-
Propane	-	0	-	0	0	-
Normal Butane	-	-	-	-	-	-
Isobutane	-	-	-	-	-	-
Natural Gasoline	-	-	-	-	-	-
Unfinished Oils	41	0	-	0	937	-
Motor Gasoline Blending Components	0	0	-	725	214	-
Reformulated - RBOB	-	-	-	-	-	-
Conventional	0	0	-	725	214	-
CBOB	0	0	-	725	59	-
GTAB	-	-	-	-	-	-
Other	0	0	-	0	155	-
Biofuels (including Fuel Ethanol)	0	0	0	382	357	0
Fuel Ethanol	0	0	-	382	357	-
Biodiesel	-	-	-	-	-	-
Renewable Diesel Fuel	-	0	0	-	0	0
Other Biofuels ¹	-	-	-	-	-	-
Finished Motor Gasoline	0	0	-	71	0	-
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	0	-	71	0	-
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	0	-	71	0	-
Finished Aviation Gasoline	-	0	-	0	0	-
Kerosene-Type Jet Fuel	0	0	-	72	0	-
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	0	-	428	238	-
15 ppm sulfur and under	0	0	-	428	238	-
Greater than 15 ppm to 500 ppm sulfur	-	0	-	0	0	-
Greater than 500 ppm sulfur	-	0	-	0	0	-
Residual Fuel Oil	0	0	-	-	433	-
Less than 0.31 percent sulfur	-	-	-	-	-	-
0.31 to 1.00 percent sulfur	0	0	-	-	254	-
Greater than 1.00 percent sulfur	0	0	-	-	179	-
Petrochemical Feedstocks	0	0	-	-	104	-
Naphtha for Petrochemical Feedstock Use	0	0	-	-	94	-
Other Oils for Petrochemical Feedstock Use	0	0	-	-	10	-
Special Naphthas	0	0	-	-	0	-
Lubricants	0	0	0	10	18	0
Waxes	-	-	-	-	-	-
Marketable Petroleum Coke	-	-	-	-	-	-
Asphalt and Road Oil	0	0	-	136	34	-
Miscellaneous Products	0	0	-	-	0	-
Total	146	0	0	2,144	2,503	0

See footnotes at end of table.

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, August 2023
(Thousand Barrels) — Continued

Commodity	From 3 to					From 5 to			
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
Crude Oil	1,354	—	1,354	—	0	—	0	0	0
Petroleum Products	17,150	—	493	16,657	971	717	0	0	0
Natural Gas Liquids	45	—	—	45	—	—	0	—	0
Ethane	—	—	—	—	—	—	—	—	—
Propane	45	—	—	45	—	—	0	—	0
Normal Butane	—	—	—	—	—	—	—	—	—
Isobutane	—	—	—	—	—	—	—	—	—
Natural Gasoline	—	—	—	—	—	—	—	—	—
Unfinished Oils	94	—	94	—	372	—	0	0	0
Motor Gasoline Blending Components	11,244	—	160	11,084	0	—	0	0	0
Reformulated - RBOB	—	—	—	—	—	—	—	—	—
Conventional	11,244	—	160	11,084	0	—	0	0	0
CBOB	11,084	—	—	11,084	0	—	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	160	—	160	—	0	—	0	0	0
Biofuels (including Fuel Ethanol)	0	—	—	—	0	704	0	0	0
Fuel Ethanol	0	—	—	—	0	—	0	0	0
Biodiesel	—	—	—	—	—	—	—	—	—
Renewable Diesel Fuel	—	—	—	—	—	704	—	—	0
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	246	—	—	246	0	—	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	246	—	—	246	0	—	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	246	—	—	246	0	—	0	0	0
Finished Aviation Gasoline	132	—	—	132	—	—	0	—	0
Kerosene-Type Jet Fuel	1,738	—	—	1,738	71	—	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	3,135	—	—	3,135	24	—	0	0	0
15 ppm sulfur and under	2,954	—	—	2,954	24	—	0	0	0
Greater than 15 ppm to 500 ppm sulfur	99	—	—	99	—	—	0	—	0
Greater than 500 ppm sulfur	82	—	—	82	—	—	0	—	0
Residual Fuel Oil	—	—	—	—	0	—	—	0	0
Less than 0.31 percent sulfur	—	—	—	—	—	—	—	—	—
0.31 to 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Greater than 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Petrochemical Feedstocks	—	—	—	—	37	—	—	0	0
Naphtha for Petrochemical Feedstock Use	—	—	—	—	37	—	—	0	0
Other Oils for Petrochemical Feedstock Use	—	—	—	—	0	—	—	0	0
Special Naphthas	—	—	—	—	10	—	—	0	0
Lubricants	301	—	239	62	200	13	0	0	0
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	215	—	—	215	249	—	0	0	0
Miscellaneous Products	—	—	—	—	8	—	—	0	0
Total	18,504	—	1,847	16,657	971	717	0	0	0

— = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Form EIA-817, "Monthly Tanker and Barge Movements Report."

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, September 2023
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
Crude Oil	385	0	-	328	118	-
Petroleum Products	69	0	0	1,490	1,934	0
Natural Gas Liquids	-	0	-	0	0	-
Ethane	-	-	-	-	-	-
Propane	-	0	-	0	0	-
Normal Butane	-	-	-	-	-	-
Isobutane	-	-	-	-	-	-
Natural Gasoline	-	-	-	-	-	-
Unfinished Oils	21	0	-	0	662	-
Motor Gasoline Blending Components	0	0	-	705	182	-
Reformulated - RBOB	-	-	-	-	-	-
Conventional	0	0	-	705	182	-
CBOB	0	0	-	705	79	-
GTAB	-	-	-	-	-	-
Other	0	0	-	0	103	-
Biofuels (including Fuel Ethanol)	0	0	0	391	278	0
Fuel Ethanol	0	0	-	391	278	-
Biodiesel	-	-	-	-	-	-
Renewable Diesel Fuel	-	0	0	0	0	0
Other Biofuels ¹	-	0	-	0	0	-
Finished Motor Gasoline	0	0	-	57	150	-
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	0	-	57	150	-
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	0	-	57	150	-
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	0	0	-	40	78	-
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	48	0	-	256	166	-
15 ppm sulfur and under	48	0	-	256	166	-
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-
Greater than 500 ppm sulfur	-	-	-	-	-	-
Residual Fuel Oil	0	0	-	-	239	-
Less than 0.31 percent sulfur	-	-	-	-	-	-
0.31 to 1.00 percent sulfur	0	0	-	-	153	-
Greater than 1.00 percent sulfur	0	0	-	-	86	-
Petrochemical Feedstocks	0	0	-	-	145	-
Naphtha for Petrochemical Feedstock Use	0	0	-	-	78	-
Other Oils for Petrochemical Feedstock Use	0	0	-	-	67	-
Special Naphthas	0	0	-	-	0	-
Lubricants	0	0	0	41	0	0
Waxes	-	-	-	-	-	-
Marketable Petroleum Coke	-	-	-	-	-	-
Asphalt and Road Oil	0	0	-	0	34	-
Miscellaneous Products	0	0	-	-	0	-
Total	454	0	0	1,818	2,052	0

See footnotes at end of table.

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, September 2023
(Thousand Barrels) — Continued

Commodity	From 3 to					From 5 to			
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
Crude Oil	328	—	328	—	0	—	0	0	0
Petroleum Products	20,407	0	736	19,671	504	1,353	0	0	0
Natural Gas Liquids	28	—	—	28	—	—	0	—	0
Ethane	—	—	—	—	—	—	—	—	—
Propane	28	—	—	28	—	—	0	—	0
Normal Butane	—	—	—	—	—	—	—	—	—
Isobutane	—	—	—	—	—	—	—	—	—
Natural Gasoline	—	—	—	—	—	—	—	—	—
Unfinished Oils	300	—	300	—	52	—	0	0	0
Motor Gasoline Blending Components	12,177	—	291	11,886	0	—	0	0	0
Reformulated - RBOB	—	—	—	—	—	—	—	—	—
Conventional	12,177	—	291	11,886	0	—	0	0	0
CBOB	11,886	—	—	11,886	0	—	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	291	—	291	—	0	—	0	0	0
Biofuels (including Fuel Ethanol)	0	0	—	—	0	1,314	0	0	0
Fuel Ethanol	0	—	—	—	0	—	0	0	0
Biodiesel	—	—	—	—	—	—	—	—	—
Renewable Diesel Fuel	0	—	—	—	—	1,314	0	—	0
Other Biofuels ¹	0	0	—	—	—	—	0	—	0
Finished Motor Gasoline	835	—	—	835	25	—	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	835	—	—	835	25	—	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	835	—	—	835	25	—	0	0	0
Finished Aviation Gasoline	88	—	31	57	25	—	0	0	0
Kerosene-Type Jet Fuel	3,052	—	—	3,052	0	—	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	3,510	—	—	3,510	142	—	0	0	0
15 ppm sulfur and under	3,510	—	—	3,510	142	—	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	—	—	—	—	—	—
Greater than 500 ppm sulfur	—	—	—	—	—	—	—	—	—
Residual Fuel Oil	—	—	—	—	0	—	—	0	0
Less than 0.31 percent sulfur	—	—	—	—	—	—	—	—	—
0.31 to 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Greater than 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Petrochemical Feedstocks	—	—	—	—	45	—	—	0	0
Naphtha for Petrochemical Feedstock Use	—	—	—	—	45	—	—	0	0
Other Oils for Petrochemical Feedstock Use	—	—	—	—	0	—	—	0	0
Special Naphthas	—	—	—	—	17	—	—	0	0
Lubricants	223	—	114	109	90	39	0	0	0
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	194	—	—	194	101	—	0	0	0
Miscellaneous Products	—	—	—	—	7	—	—	0	0
Total	20,735	0	1,064	19,671	504	1,353	0	0	0

— = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Form EIA-817, "Monthly Tanker and Barge Movements Report."

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, October 2023
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
Crude Oil	286	0	-	210	120	-
Petroleum Products	43	0	0	1,636	2,803	0
Natural Gas Liquids	-	0	-	0	0	-
Ethane	-	-	-	-	-	-
Propane	-	0	-	0	0	-
Normal Butane	-	-	-	-	-	-
Isobutane	-	-	-	-	-	-
Natural Gasoline	-	-	-	-	-	-
Unfinished Oils	20	0	0	0	880	0
Motor Gasoline Blending Components	0	0	-	665	257	-
Reformulated - RBOB	-	-	-	-	-	-
Conventional	0	0	-	665	257	-
CBOB	0	0	-	665	26	-
GTAB	-	-	-	-	-	-
Other	0	0	-	-	231	-
Biofuels (including Fuel Ethanol)	0	0	0	319	474	0
Fuel Ethanol	0	0	-	319	474	-
Biodiesel	-	-	-	-	-	-
Renewable Diesel Fuel	-	0	0	0	0	0
Other Biofuels ¹	-	0	0	-	0	0
Finished Motor Gasoline	0	0	-	61	178	-
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	0	-	61	178	-
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	0	-	61	178	-
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	0	0	-	65	0	-
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	23	0	-	353	35	-
15 ppm sulfur and under	23	0	-	353	35	-
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-
Greater than 500 ppm sulfur	-	-	-	-	-	-
Residual Fuel Oil	0	0	-	-	714	-
Less than 0.31 percent sulfur	0	0	-	-	73	-
0.31 to 1.00 percent sulfur	0	0	-	-	153	-
Greater than 1.00 percent sulfur	0	0	-	-	488	-
Petrochemical Feedstocks	0	0	-	-	81	-
Naphtha for Petrochemical Feedstock Use	0	0	-	-	81	-
Other Oils for Petrochemical Feedstock Use	-	-	-	-	-	-
Special Naphthas	0	0	-	-	0	-
Lubricants	0	0	-	21	0	-
Waxes	-	-	-	-	-	-
Marketable Petroleum Coke	-	-	-	-	-	-
Asphalt and Road Oil	0	0	-	152	184	-
Miscellaneous Products	0	0	-	-	0	-
Total	329	0	0	1,846	2,923	0

See footnotes at end of table.

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, October 2023
(Thousand Barrels) — Continued

Commodity	From 3 to					From 5 to			
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
Crude Oil	0	—	—	—	0	—	0	0	0
Petroleum Products	22,001	—	262	21,739	489	1,169	0	0	88
Natural Gas Liquids	59	—	—	59	—	—	0	—	0
Ethane	—	—	—	—	—	—	—	—	—
Propane	59	—	—	59	—	—	0	—	0
Normal Butane	—	—	—	—	—	—	—	—	—
Isobutane	—	—	—	—	—	—	—	—	—
Natural Gasoline	—	—	—	—	—	—	—	—	—
Unfinished Oils	36	—	36	—	10	0	0	0	88
Motor Gasoline Blending Components	13,871	—	—	13,871	0	—	0	0	0
Reformulated - RBOB	—	—	—	—	—	—	—	—	—
Conventional	13,871	—	—	13,871	0	—	0	0	0
CBOB	13,871	—	—	13,871	0	—	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	0	—	—	0	0
Biofuels (including Fuel Ethanol)	20	—	—	20	0	1,169	0	0	0
Fuel Ethanol	0	—	—	—	0	—	0	0	0
Biodiesel	—	—	—	—	—	—	—	—	—
Renewable Diesel Fuel	20	—	—	—	—	1,169	0	—	0
Other Biofuels ¹	—	—	—	—	—	0	—	—	0
Finished Motor Gasoline	584	—	—	584	0	—	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	584	—	—	584	0	—	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	584	—	—	584	0	—	0	0	0
Finished Aviation Gasoline	43	—	—	43	25	—	0	0	0
Kerosene-Type Jet Fuel	3,018	—	—	3,018	80	—	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	3,813	—	—	3,813	0	—	0	0	0
15 ppm sulfur and under	3,813	—	—	3,813	0	—	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	—	—	—	—	—	—
Greater than 500 ppm sulfur	—	—	—	—	—	—	—	—	—
Residual Fuel Oil	—	—	—	—	0	—	—	0	0
Less than 0.31 percent sulfur	—	—	—	—	0	—	—	0	0
0.31 to 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Greater than 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Petrochemical Feedstocks	—	—	—	—	36	—	—	0	0
Naphtha for Petrochemical Feedstock Use	—	—	—	—	36	—	—	0	0
Other Oils for Petrochemical Feedstock Use	—	—	—	—	—	—	—	—	—
Special Naphthas	—	—	—	—	17	—	—	0	0
Lubricants	295	—	226	69	208	—	0	0	0
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	262	—	—	262	99	—	0	0	0
Miscellaneous Products	—	—	—	—	14	—	—	0	0
Total	22,001	—	262	21,739	489	1,169	0	0	88

— = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Form EIA-817, "Monthly Tanker and Barge Movements Report."

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, November 2023
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
Crude Oil	264	0	-	319	123	-
Petroleum Products	67	318	0	1,193	3,396	0
Natural Gas Liquids	-	0	-	0	0	-
Ethane	-	-	-	-	-	-
Propane	-	0	-	0	0	-
Normal Butane	-	-	-	-	-	-
Isobutane	-	-	-	-	-	-
Natural Gasoline	-	-	-	-	-	-
Unfinished Oils	20	0	-	0	1,761	-
Motor Gasoline Blending Components	0	0	-	578	214	-
Reformulated - RBOB	-	-	-	-	-	-
Conventional	0	0	-	578	214	-
CBOB	0	0	-	578	93	-
GTAB	-	-	-	-	-	-
Other	0	0	-	-	121	-
Biofuels (including Fuel Ethanol)	0	0	0	296	434	0
Fuel Ethanol	0	0	-	296	434	-
Biodiesel	-	-	-	-	-	-
Renewable Diesel Fuel	-	0	0	0	0	0
Other Biofuels ¹	-	0	0	-	0	0
Finished Motor Gasoline	0	0	-	48	28	-
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	0	-	48	28	-
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	0	-	48	28	-
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	0	268	-	43	0	-
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	47	50	-	228	50	-
15 ppm sulfur and under	47	50	-	228	50	-
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-
Greater than 500 ppm sulfur	-	0	-	0	0	-
Residual Fuel Oil	0	0	-	-	621	-
Less than 0.31 percent sulfur	0	0	-	-	139	-
0.31 to 1.00 percent sulfur	0	0	-	-	107	-
Greater than 1.00 percent sulfur	0	0	-	-	375	-
Petrochemical Feedstocks	0	0	-	-	68	-
Naphtha for Petrochemical Feedstock Use	0	0	-	-	42	-
Other Oils for Petrochemical Feedstock Use	0	0	-	-	26	-
Special Naphthas	0	0	-	0	0	-
Lubricants	0	0	-	0	0	-
Waxes	-	-	-	-	-	-
Marketable Petroleum Coke	-	-	-	-	-	-
Asphalt and Road Oil	0	0	-	0	220	-
Miscellaneous Products	0	0	-	-	0	-
Total	331	318	0	1,512	3,519	0

See footnotes at end of table.

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, November 2023
(Thousand Barrels) — Continued

Commodity	From 3 to						From 5 to		
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
Crude Oil	1,041	—	970	71	0	—	0	0	0
Petroleum Products	21,640	—	429	21,211	1,260	1,348	0	0	0
Natural Gas Liquids	59	—	—	59	—	—	0	—	0
Ethane	—	—	—	—	—	—	—	—	—
Propane	59	—	—	59	—	—	0	—	0
Normal Butane	—	—	—	—	—	—	—	—	—
Isobutane	—	—	—	—	—	—	—	—	—
Natural Gasoline	—	—	—	—	—	—	—	—	—
Unfinished Oils	33	—	33	—	10	—	0	0	0
Motor Gasoline Blending Components	13,004	—	—	13,004	108	—	0	0	0
Reformulated - RBOB	—	—	—	—	—	—	—	—	—
Conventional	13,004	—	—	13,004	108	—	0	0	0
CBOB	13,004	—	—	13,004	55	—	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	53	—	—	0	0
Biofuels (including Fuel Ethanol)	10	—	—	10	0	1,348	0	0	0
Fuel Ethanol	0	—	—	—	0	—	0	0	0
Biodiesel	—	—	—	—	—	—	—	—	—
Renewable Diesel Fuel	10	—	—	—	—	1,348	0	—	0
Other Biofuels ¹	—	—	—	—	—	0	—	—	0
Finished Motor Gasoline	460	—	—	460	284	—	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	460	—	—	460	284	—	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	460	—	—	460	284	—	0	0	0
Finished Aviation Gasoline	319	—	28	291	25	—	0	0	0
Kerosene-Type Jet Fuel	3,565	—	—	3,565	278	—	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	3,523	—	—	3,523	334	—	0	0	0
15 ppm sulfur and under	3,363	—	—	3,363	334	—	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	—	—	—	—	—	—
Greater than 500 ppm sulfur	160	—	—	160	—	—	0	—	0
Residual Fuel Oil	—	—	—	—	0	—	—	0	0
Less than 0.31 percent sulfur	—	—	—	—	0	—	—	0	0
0.31 to 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Greater than 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Petrochemical Feedstocks	—	—	—	—	18	—	—	0	0
Naphtha for Petrochemical Feedstock Use	—	—	—	—	18	—	—	0	0
Other Oils for Petrochemical Feedstock Use	—	—	—	—	0	—	—	0	0
Special Naphthas	148	—	148	—	31	—	0	0	0
Lubricants	337	—	220	117	130	—	0	0	0
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	182	—	—	182	35	—	0	0	0
Miscellaneous Products	—	—	—	—	7	—	—	0	0
Total	22,681	—	1,399	21,282	1,260	1,348	0	0	0

— = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Form EIA-817, "Monthly Tanker and Barge Movements Report."

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, December 2023
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
Crude Oil	432	0	-	335	128	-
Petroleum Products	60	0	0	1,421	4,128	0
Natural Gas Liquids	-	0	-	0	0	-
Ethane	-	-	-	-	-	-
Propane	-	0	-	0	0	-
Normal Butane	-	-	-	-	-	-
Isobutane	-	-	-	-	-	-
Natural Gasoline	-	-	-	-	-	-
Unfinished Oils	60	0	-	0	1,315	-
Motor Gasoline Blending Components	0	0	-	772	309	-
Reformulated - RBOB	-	-	-	-	-	-
Conventional	0	0	-	772	309	-
CBOB	0	0	-	772	89	-
GTAB	-	-	-	-	-	-
Other	0	0	-	-	220	-
Biofuels (including Fuel Ethanol)	0	0	0	312	505	0
Fuel Ethanol	0	0	-	312	505	-
Biodiesel	-	-	-	-	-	-
Renewable Diesel Fuel	-	0	0	-	0	0
Other Biofuels ¹	-	-	-	-	-	-
Finished Motor Gasoline	0	0	-	44	760	-
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	0	-	44	760	-
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	0	-	44	760	-
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	0	0	0	20	0	0
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	0	-	273	53	-
15 ppm sulfur and under	0	0	-	273	53	-
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-
Greater than 500 ppm sulfur	0	0	-	0	0	-
Residual Fuel Oil	0	0	-	0	955	-
Less than 0.31 percent sulfur	0	0	-	0	142	-
0.31 to 1.00 percent sulfur	0	0	-	-	256	-
Greater than 1.00 percent sulfur	0	0	-	-	557	-
Petrochemical Feedstocks	0	0	-	-	85	-
Naphtha for Petrochemical Feedstock Use	0	0	-	-	85	-
Other Oils for Petrochemical Feedstock Use	-	-	-	-	-	-
Special Naphthas	0	0	-	-	0	-
Lubricants	0	0	-	0	19	-
Waxes	-	-	-	-	-	-
Marketable Petroleum Coke	-	-	-	-	-	-
Asphalt and Road Oil	0	0	-	0	127	-
Miscellaneous Products	0	0	-	-	0	-
Total	492	0	0	1,756	4,256	0

See footnotes at end of table.

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, December 2023
(Thousand Barrels) — Continued

Commodity	From 3 to					From 5 to			
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
Crude Oil	956	—	956	—	0	—	0	0	0
Petroleum Products	20,678	—	319	20,359	635	913	50	0	0
Natural Gas Liquids	59	—	—	59	—	—	0	—	0
Ethane	—	—	—	—	—	—	—	—	—
Propane	59	—	—	59	—	—	0	—	0
Normal Butane	—	—	—	—	—	—	—	—	—
Isobutane	—	—	—	—	—	—	—	—	—
Natural Gasoline	—	—	—	—	—	—	—	—	—
Unfinished Oils	47	—	47	—	61	—	0	0	0
Motor Gasoline Blending Components	12,389	—	—	12,389	0	—	0	0	0
Reformulated - RBOB	—	—	—	—	—	—	—	—	—
Conventional	12,389	—	—	12,389	0	—	0	0	0
CBOB	12,389	—	—	12,389	0	—	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	0	—	—	0	0
Biofuels (including Fuel Ethanol)	0	—	—	—	0	913	0	0	0
Fuel Ethanol	0	—	—	—	0	—	0	0	0
Biodiesel	—	—	—	—	—	—	—	—	—
Renewable Diesel Fuel	—	—	—	—	—	913	—	—	0
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	351	—	—	351	88	—	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	351	—	—	351	88	—	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	351	—	—	351	88	—	0	0	0
Finished Aviation Gasoline	37	—	—	37	45	—	0	0	0
Kerosene-Type Jet Fuel	3,893	—	—	3,893	48	0	50	0	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	3,290	—	—	3,290	181	—	0	0	0
15 ppm sulfur and under	3,210	—	—	3,210	110	—	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	—	—	—	—	—	—
Greater than 500 ppm sulfur	80	—	—	80	71	—	0	0	0
Residual Fuel Oil	57	—	—	57	0	—	0	0	0
Less than 0.31 percent sulfur	57	—	—	57	0	—	0	0	0
0.31 to 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Greater than 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Petrochemical Feedstocks	—	—	—	—	18	—	—	0	0
Naphtha for Petrochemical Feedstock Use	—	—	—	—	18	—	—	0	0
Other Oils for Petrochemical Feedstock Use	—	—	—	—	—	—	—	—	—
Special Naphthas	—	—	—	—	15	—	—	0	0
Lubricants	362	—	272	90	159	—	0	0	0
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	193	—	—	193	0	—	0	0	0
Miscellaneous Products	—	—	—	—	20	—	—	0	0
Total	21,634	—	1,275	20,359	635	913	50	0	0

— = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Form EIA-817, "Monthly Tanker and Barge Movements Report."

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, January 2023
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	1,396	0	0	3,215
Propane	130	9	0	0	1,355	238	0	310
Propylene	0	0	-	-	171	399	-	-
Normal Butane	256	1	0	0	286	30	0	682
Isobutane	159	27	0	0	97	18	0	52
Fuel Ethanol	0	0	0	0	8,053	4,530	555	3,226
Biodiesel	0	0	0	0	178	255	14	320
Renewable Diesel Fuel	0	0	0	0	0	0	0	664
Marketable Petroleum Coke	0	12	0	0	401	747	13	6
Asphalt and Road Oil	47	0	0	0	753	292	5	175

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	0	0	0	1,323	0
Propane	356	145	0	0	0	0	0	393
Propylene	0	0	-	-	0	0	0	-
Normal Butane	21	273	0	131	0	0	0	292
Isobutane	0	122	0	100	0	0	0	62
Fuel Ethanol	0	0	0	509	0	0	0	72
Biodiesel	0	0	0	45	0	0	0	0
Renewable Diesel Fuel	3	3	0	623	0	0	0	254
Marketable Petroleum Coke	32	22	0	0	0	85	120	79
Asphalt and Road Oil	136	82	5	72	0	58	122	279

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	0
Renewable Diesel Fuel	0	0	0	0
Marketable Petroleum Coke	3	13	64	29
Asphalt and Road Oil	0	0	0	36

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, February 2023
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	172	0	0	3,238
Propane	32	0	0	0	1,234	317	0	187
Propylene	0	0	-	-	250	412	-	-
Normal Butane	117	10	0	0	396	59	0	388
Isobutane	186	7	0	0	119	26	0	62
Fuel Ethanol	0	0	0	0	8,827	4,789	482	3,533
Biodiesel	5	0	0	0	216	235	18	277
Renewable Diesel Fuel	0	0	0	0	-	0	0	400
Marketable Petroleum Coke	0	6	0	0	252	993	29	32
Asphalt and Road Oil	100	0	0	0	789	188	36	237

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	0	0	0	1,363	0
Propane	264	130	0	0	0	0	0	126
Propylene	0	0	-	-	0	0	0	-
Normal Butane	25	111	0	53	0	0	0	109
Isobutane	0	132	0	44	0	0	0	42
Fuel Ethanol	0	0	0	24	0	0	0	81
Biodiesel	0	0	0	14	0	0	0	0
Renewable Diesel Fuel	-	0	9	516	-	0	0	316
Marketable Petroleum Coke	45	29	0	0	0	16	171	66
Asphalt and Road Oil	109	55	2	114	0	46	157	132

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	0
Renewable Diesel Fuel	-	3	0	0
Marketable Petroleum Coke	0	16	23	6
Asphalt and Road Oil	0	0	0	41

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, March 2023
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	502	10	0	2,473
Propane	40	0	0	0	1,192	321	0	367
Propylene	0	0	-	-	183	599	-	-
Normal Butane	91	44	0	0	356	98	0	218
Isobutane	218	10	0	0	148	78	0	48
Fuel Ethanol	0	0	0	0	10,379	5,476	454	4,033
Biodiesel	0	0	0	0	192	264	18	352
Renewable Diesel Fuel	0	0	0	0	-	0	0	459
Marketable Petroleum Coke	0	6	0	0	100	1,213	6	23
Asphalt and Road Oil	44	0	0	0	756	186	70	204

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	0	0	0	1,304	0
Propane	167	37	0	0	0	0	0	70
Propylene	0	0	-	-	0	0	0	-
Normal Butane	0	5	0	7	0	0	0	71
Isobutane	0	210	0	7	0	0	0	28
Fuel Ethanol	0	0	0	448	0	0	0	111
Biodiesel	0	0	0	14	0	0	0	0
Renewable Diesel Fuel	-	3	0	767	-	0	0	296
Marketable Petroleum Coke	6	26	0	0	0	196	161	104
Asphalt and Road Oil	97	67	7	99	5	173	165	157

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	0
Renewable Diesel Fuel	-	0	0	0
Marketable Petroleum Coke	6	13	26	6
Asphalt and Road Oil	3	0	0	10

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, April 2023
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	707	0	0	3,775
Propane	29	7	0	0	499	295	0	316
Propylene	0	0	-	-	275	628	-	-
Normal Butane	255	11	0	0	140	71	0	78
Isobutane	76	24	0	0	108	61	0	75
Fuel Ethanol	0	0	0	0	8,441	5,436	372	3,821
Biodiesel	3	10	0	0	108	232	7	250
Renewable Diesel Fuel	0	0	0	0	-	0	0	416
Marketable Petroleum Coke	0	6	0	0	456	760	6	0
Asphalt and Road Oil	30	7	0	0	784	258	72	209

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	0	0	0	703	0
Propane	117	19	0	0	0	0	0	130
Propylene	0	0	-	-	0	0	0	-
Normal Butane	0	0	0	0	0	0	0	47
Isobutane	0	137	0	23	0	0	0	43
Fuel Ethanol	0	0	0	309	0	0	0	55
Biodiesel	0	3	0	3	0	0	0	0
Renewable Diesel Fuel	-	3	0	563	-	3	0	206
Marketable Petroleum Coke	45	32	0	3	0	117	218	73
Asphalt and Road Oil	79	74	0	107	13	71	165	119

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	6
Renewable Diesel Fuel	-	0	0	6
Marketable Petroleum Coke	3	23	32	19
Asphalt and Road Oil	0	0	0	52

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, May 2023
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	502	0	0	3,472
Propane	68	13	0	0	491	353	0	523
Propylene	0	0	-	-	187	488	-	-
Normal Butane	180	5	0	0	107	257	0	89
Isobutane	96	20	0	0	152	52	0	79
Fuel Ethanol	0	0	0	0	8,584	5,238	499	5,305
Biodiesel	5	0	0	0	63	212	9	212
Renewable Diesel Fuel	0	0	0	0	-	0	0	142
Marketable Petroleum Coke	0	0	0	0	230	488	16	6
Asphalt and Road Oil	26	0	0	0	980	353	34	222

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	0	0	0	1,396	0
Propane	103	36	0	0	0	0	0	138
Propylene	0	0	-	-	0	0	0	-
Normal Butane	0	0	0	0	0	0	0	0
Isobutane	0	95	0	50	0	0	0	6
Fuel Ethanol	0	0	0	0	0	0	0	39
Biodiesel	0	6	0	39	0	0	0	0
Renewable Diesel Fuel	-	0	3	632	-	0	0	392
Marketable Petroleum Coke	13	16	0	0	0	266	108	154
Asphalt and Road Oil	126	72	0	114	0	109	172	89

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	28
Renewable Diesel Fuel	-	0	0	0
Marketable Petroleum Coke	0	19	26	0
Asphalt and Road Oil	0	0	3	52

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, June 2023
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	741	0	0	3,932
Propane	32	4	0	0	536	361	0	258
Propylene	0	0	-	-	225	407	-	-
Normal Butane	72	7	0	0	47	160	0	106
Isobutane	46	7	0	0	84	32	0	8
Fuel Ethanol	0	0	0	0	9,441	5,351	482	4,195
Biodiesel	5	0	0	0	29	198	27	235
Renewable Diesel Fuel	0	0	0	0	-	0	0	566
Marketable Petroleum Coke	0	9	0	0	503	535	10	13
Asphalt and Road Oil	56	0	0	0	900	157	54	302

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	0	0	0	866	0
Propane	96	38	0	0	0	0	0	44
Propylene	0	0	-	-	0	0	0	-
Normal Butane	0	0	0	1	0	0	0	1
Isobutane	0	55	0	74	0	0	0	47
Fuel Ethanol	0	0	0	352	0	0	0	55
Biodiesel	0	3	0	20	0	0	0	0
Renewable Diesel Fuel	-	3	0	491	-	3	0	364
Marketable Petroleum Coke	3	16	0	0	0	241	32	108
Asphalt and Road Oil	52	84	0	79	0	66	150	325

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	15
Renewable Diesel Fuel	-	0	0	6
Marketable Petroleum Coke	3	16	32	3
Asphalt and Road Oil	0	0	0	39

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, July 2023
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	344	0	0	4,386
Propane	48	0	0	0	539	602	0	336
Propylene	0	0	-	-	322	535	-	-
Normal Butane	226	7	0	0	85	183	0	224
Isobutane	125	45	0	0	200	63	0	40
Fuel Ethanol	0	0	0	0	8,542	5,266	609	4,498
Biodiesel	6	0	0	0	86	212	14	203
Renewable Diesel Fuel	0	0	0	0	-	0	0	464
Marketable Petroleum Coke	0	9	0	0	203	670	3	10
Asphalt and Road Oil	34	0	0	0	852	189	10	215

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	0	0	0	1,562	0
Propane	79	29	0	0	0	0	0	85
Propylene	0	0	-	-	0	0	0	-
Normal Butane	0	27	0	3	0	0	0	0
Isobutane	0	93	0	25	0	0	0	0
Fuel Ethanol	0	0	0	723	0	0	0	62
Biodiesel	0	6	0	19	0	0	0	0
Renewable Diesel Fuel	-	6	3	629	-	0	0	318
Marketable Petroleum Coke	64	6	0	0	0	31	100	129
Asphalt and Road Oil	72	84	0	89	0	116	163	245

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	12
Renewable Diesel Fuel	-	0	0	0
Marketable Petroleum Coke	10	16	26	32
Asphalt and Road Oil	0	0	0	10

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, August 2023
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	364	0	0	3,591
Propane	86	4	0	0	669	492	0	466
Propylene	0	0	-	-	257	418	-	-
Normal Butane	95	18	0	0	259	151	0	269
Isobutane	98	41	0	0	197	38	0	150
Fuel Ethanol	0	0	0	0	8,124	5,415	460	3,464
Biodiesel	0	0	0	0	95	215	55	286
Renewable Diesel Fuel	0	0	0	0	-	0	0	362
Marketable Petroleum Coke	0	19	0	0	551	568	7	10
Asphalt and Road Oil	2	0	0	0	1,079	276	10	300

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	0	0	159	1,730	0
Propane	98	19	0	0	0	0	0	113
Propylene	0	0	-	-	0	0	0	-
Normal Butane	0	0	0	3	0	0	0	1
Isobutane	0	105	0	87	0	0	0	6
Fuel Ethanol	0	0	0	262	0	0	0	29
Biodiesel	0	0	3	84	0	0	0	0
Renewable Diesel Fuel	-	6	6	654	-	0	0	305
Marketable Petroleum Coke	105	22	0	0	0	63	44	50
Asphalt and Road Oil	104	74	0	87	0	101	198	230

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	12
Renewable Diesel Fuel	-	0	0	0
Marketable Petroleum Coke	0	39	26	29
Asphalt and Road Oil	0	0	0	13

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, September 2023
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	395	0	0	2,916
Propane	35	7	0	0	717	406	0	345
Propylene	0	0	-	-	220	612	-	-
Normal Butane	143	23	0	0	679	109	0	260
Isobutane	186	39	0	0	118	61	0	73
Fuel Ethanol	0	0	0	0	8,616	4,558	398	4,008
Biodiesel	0	0	0	0	62	210	21	253
Renewable Diesel Fuel	0	0	0	0	-	0	0	528
Marketable Petroleum Coke	0	16	0	0	234	1,030	29	20
Asphalt and Road Oil	16	0	0	0	863	284	28	195

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	0	0	0	337	0
Propane	186	18	0	0	0	0	0	88
Propylene	0	0	-	-	0	0	0	-
Normal Butane	0	7	0	59	0	0	0	11
Isobutane	0	94	0	33	0	0	0	9
Fuel Ethanol	0	0	0	196	0	0	0	13
Biodiesel	0	0	0	16	0	0	0	0
Renewable Diesel Fuel	-	0	0	698	-	0	0	411
Marketable Petroleum Coke	25	29	0	0	0	50	38	154
Asphalt and Road Oil	114	77	0	64	0	82	136	252

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	24
Renewable Diesel Fuel	-	0	0	0
Marketable Petroleum Coke	13	26	10	0
Asphalt and Road Oil	0	0	0	5

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, October 2023
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	619	0	0	3,426
Propane	29	4	0	0	841	330	0	413
Propylene	0	0	-	-	260	483	-	-
Normal Butane	124	65	0	0	661	185	0	475
Isobutane	190	21	0	0	0	59	0	7
Fuel Ethanol	0	0	0	0	8,927	5,515	405	3,896
Biodiesel	0	0	0	0	100	198	19	343
Renewable Diesel Fuel	0	0	0	0	-	0	0	384
Marketable Petroleum Coke	0	12	0	0	82	609	3	20
Asphalt and Road Oil	13	4	0	0	1,044	312	33	195

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	0	0	159	987	0
Propane	169	28	0	0	0	0	0	193
Propylene	0	0	-	-	0	0	0	-
Normal Butane	0	110	0	166	0	0	0	420
Isobutane	0	223	0	43	0	0	0	65
Fuel Ethanol	0	0	0	617	0	0	0	42
Biodiesel	0	47	0	40	0	0	0	0
Renewable Diesel Fuel	-	3	3	825	-	0	0	394
Marketable Petroleum Coke	57	25	0	3	0	315	75	50
Asphalt and Road Oil	92	12	2	55	2	79	218	255

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	3
Renewable Diesel Fuel	-	0	0	0
Marketable Petroleum Coke	0	68	3	0
Asphalt and Road Oil	0	0	0	5

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, November 2023
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	485	0	0	3,579
Propane	26	0	0	0	1,050	360	0	335
Propylene	0	0	-	-	188	547	-	-
Normal Butane	91	0	0	0	671	184	0	697
Isobutane	186	14	0	0	44	39	0	55
Fuel Ethanol	0	0	0	0	8,973	5,698	385	3,603
Biodiesel	0	0	0	0	117	286	17	463
Renewable Diesel Fuel	0	0	0	0	-	0	0	347
Marketable Petroleum Coke	0	3	0	0	691	762	7	36
Asphalt and Road Oil	36	0	0	0	663	279	46	151

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	0	0	159	2,139	0
Propane	198	53	0	0	0	0	0	374
Propylene	0	0	-	-	0	0	0	-
Normal Butane	4	91	0	139	0	0	0	725
Isobutane	0	117	0	50	0	0	0	150
Fuel Ethanol	0	0	0	563	0	0	0	78
Biodiesel	0	0	0	9	0	0	0	0
Renewable Diesel Fuel	-	3	0	687	-	0	0	339
Marketable Petroleum Coke	83	10	0	3	0	310	47	157
Asphalt and Road Oil	32	37	5	72	2	40	200	364

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	0
Renewable Diesel Fuel	-	0	0	0
Marketable Petroleum Coke	6	13	13	0
Asphalt and Road Oil	0	0	0	5

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, December 2023
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	492	0	0	3,681
Propane	44	11	0	0	1,404	305	0	366
Propylene	0	0	-	-	160	471	-	-
Normal Butane	159	18	0	0	760	100	0	720
Isobutane	170	31	0	0	122	206	0	73
Fuel Ethanol	0	0	0	0	10,716	6,868	432	3,327
Biodiesel	0	0	0	0	165	272	21	403
Renewable Diesel Fuel	0	0	0	0	-	0	0	368
Marketable Petroleum Coke	0	3	0	0	376	1,280	7	46
Asphalt and Road Oil	83	2	0	0	829	302	28	125

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	0	0	159	2,399	0
Propane	245	88	0	0	0	0	0	212
Propylene	0	0	-	-	0	0	0	-
Normal Butane	32	217	0	74	0	0	0	497
Isobutane	0	88	0	99	0	0	0	109
Fuel Ethanol	0	0	0	281	0	0	0	81
Biodiesel	0	0	0	22	0	0	0	0
Renewable Diesel Fuel	-	0	6	764	-	0	0	321
Marketable Petroleum Coke	48	10	0	6	0	19	31	358
Asphalt and Road Oil	74	77	0	139	0	59	173	149

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	3
Renewable Diesel Fuel	-	0	0	0
Marketable Petroleum Coke	3	10	23	84
Asphalt and Road Oil	0	0	0	18

- = No Data Reported.

Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, January 2023
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
From 1 to				
2	139	190	0	329
3	30	0	0	30
4	0	-	0	0
5	-	-	0	0
From 2 to				
1	184	189	1,396	1,769
3	51,477	40	0	51,517
4	5,631	-	0	5,631
5	-	-	3,215	3,215
From 3 to				
1	123	2,224	0	2,347
2	24,011	0	0	24,011
4	0	-	0	0
5	-	-	0	0
From 4 to				
1	0	0	0	0
2	26,548	0	0	26,548
3	284	0	1,323	1,607
5	-	-	0	0
From 5 to				
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	-	0	0

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, February 2023
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
From 1 to				
2	129	268	0	397
3	17	0	0	17
4	0	-	0	0
5	-	-	0	0
From 2 to				
1	186	352	172	710
3	51,860	163	0	52,023
4	5,438	-	0	5,438
5	-	-	3,238	3,238
From 3 to				
1	108	1,277	0	1,385
2	17,833	0	0	17,833
4	0	-	0	0
5	-	-	0	0
From 4 to				
1	0	0	0	0
2	24,078	0	0	24,078
3	265	0	1,363	1,628
5	-	-	0	0
From 5 to				
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	-	0	0

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, March 2023
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
From 1 to				
2	145	332	0	477
3	18	0	0	18
4	0	-	0	0
5	-	-	0	0
From 2 to				
1	254	261	502	1,017
3	61,805	123	10	61,938
4	5,453	-	0	5,453
5	-	-	2,473	2,473
From 3 to				
1	114	1,650	0	1,764
2	15,050	0	0	15,050
4	0	-	0	0
5	-	-	0	0
From 4 to				
1	0	0	0	0
2	24,067	0	0	24,067
3	274	0	1,304	1,578
5	-	-	0	0
From 5 to				
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	-	0	0

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, April 2023
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
From 1 to				
2	160	180	0	340
3	12	0	0	12
4	0	-	0	0
5	-	-	0	0
From 2 to				
1	248	273	707	1,228
3	61,371	176	0	61,547
4	5,374	-	0	5,374
5	-	-	3,775	3,775
From 3 to				
1	107	1,637	0	1,744
2	22,582	0	0	22,582
4	0	-	0	0
5	-	-	0	0
From 4 to				
1	0	0	0	0
2	23,894	0	0	23,894
3	315	0	703	1,018
5	-	-	0	0
From 5 to				
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	-	0	0

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, May 2023
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
From 1 to				
2	131	153	0	284
3	20	0	0	20
4	0	-	0	0
5	-	-	0	0
From 2 to				
1	200	233	502	935
3	61,715	261	0	61,976
4	6,430	-	0	6,430
5	-	-	3,472	3,472
From 3 to				
1	118	1,326	0	1,444
2	24,666	0	0	24,666
4	0	-	0	0
5	-	-	0	0
From 4 to				
1	0	0	0	0
2	27,856	0	0	27,856
3	307	0	1,396	1,703
5	-	-	0	0
From 5 to				
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	-	0	0

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, June 2023
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
From 1 to				
2	140	181	0	321
3	12	0	0	12
4	0	-	0	0
5	-	-	0	0
From 2 to				
1	231	317	741	1,289
3	56,056	134	0	56,190
4	6,786	-	0	6,786
5	-	-	3,932	3,932
From 3 to				
1	109	1,592	0	1,701
2	23,932	0	0	23,932
4	0	-	0	0
5	-	-	0	0
From 4 to				
1	0	0	0	0
2	27,188	0	0	27,188
3	295	0	866	1,161
5	-	-	0	0
From 5 to				
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	-	0	0

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, July 2023
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
From 1 to				
2	123	133	0	256
3	19	23	0	42
4	0	-	0	0
5	-	-	0	0
From 2 to				
1	237	311	344	892
3	61,106	225	0	61,331
4	6,852	-	0	6,852
5	-	-	4,386	4,386
From 3 to				
1	114	989	0	1,103
2	21,546	0	0	21,546
4	0	-	0	0
5	-	-	0	0
From 4 to				
1	0	0	0	0
2	26,198	0	0	26,198
3	317	0	1,562	1,879
5	-	-	0	0
From 5 to				
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	-	0	0

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, August 2023
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
From 1 to				
2	114	105	0	219
3	20	0	0	20
4	0	-	0	0
5	-	-	0	0
From 2 to				
1	200	320	364	884
3	58,318	168	0	58,486
4	7,376	-	0	7,376
5	-	-	3,591	3,591
From 3 to				
1	107	1,354	0	1,461
2	19,074	0	0	19,074
4	0	-	0	0
5	-	-	0	0
From 4 to				
1	0	0	0	0
2	27,622	0	159	27,781
3	317	0	1,730	2,047
5	-	-	0	0
From 5 to				
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	-	0	0

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, September 2023
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
From 1 to				
2	164	385	0	549
3	26	0	0	26
4	0	-	0	0
5	-	-	0	0
From 2 to				
1	238	328	395	961
3	63,986	118	0	64,104
4	8,062	-	0	8,062
5	-	-	2,916	2,916
From 3 to				
1	113	328	0	441
2	18,039	0	0	18,039
4	0	-	0	0
5	-	-	0	0
From 4 to				
1	0	0	0	0
2	26,706	0	0	26,706
3	289	0	337	626
5	-	-	0	0
From 5 to				
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	-	0	0

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, October 2023
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
From 1 to				
2	163	286	0	449
3	20	0	0	20
4	0	-	0	0
5	-	-	0	0
From 2 to				
1	306	210	619	1,135
3	68,932	120	0	69,052
4	8,383	-	0	8,383
5	-	-	3,426	3,426
From 3 to				
1	115	0	0	115
2	20,230	0	0	20,230
4	0	-	0	0
5	-	-	0	0
From 4 to				
1	0	0	0	0
2	28,037	0	159	28,196
3	273	0	987	1,260
5	-	-	0	0
From 5 to				
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	-	0	0

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, November 2023
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
From 1 to				
2	134	264	0	398
3	13	0	0	13
4	0	-	0	0
5	-	-	0	0
From 2 to				
1	273	319	485	1,077
3	64,685	123	0	64,808
4	8,062	-	0	8,062
5	-	-	3,579	3,579
From 3 to				
1	108	1,041	0	1,149
2	23,463	0	0	23,463
4	0	-	0	0
5	-	-	0	0
From 4 to				
1	0	0	0	0
2	28,357	0	159	28,516
3	292	0	2,139	2,431
5	-	-	0	0
From 5 to				
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	-	0	0

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, December 2023
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
From 1 to				
2	138	432	0	570
3	16	0	0	16
4	0	-	0	0
5	-	-	0	0
From 2 to				
1	260	335	492	1,087
3	62,256	128	0	62,384
4	8,508	-	0	8,508
5	-	-	3,681	3,681
From 3 to				
1	108	956	0	1,064
2	22,099	0	0	22,099
4	0	-	0	0
5	-	-	0	0
From 4 to				
1	0	0	0	0
2	30,386	0	159	30,545
3	265	0	2,399	2,664
5	-	-	0	0
From 5 to				
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	-	0	0

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, January 2023
(Thousand Barrels)

Commodity	PAD District 1			PAD District 2			PAD District 3		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	4,116	359	3,757	50,888	62,131	-11,243	53,154	26,358	26,796
Petroleum Products	125,368	16,920	108,448	57,040	85,062	-28,022	47,320	130,315	-82,995
Natural Gas Liquids	10,503	7,591	2,912	39,691	49,349	-9,658	34,871	16,445	18,426
Ethane	441	5,377	-4,936	11,786	16,603	-4,817	15,045	1,111	13,934
Propane	8,223	1,115	7,108	10,113	18,232	-8,119	9,932	4,780	5,152
Normal Butane	1,742	383	1,360	4,143	7,970	-3,827	4,542	1,041	3,501
Isobutane	97	478	-381	2,688	2,221	467	1,794	1,226	569
Natural Gasoline	0	239	-239	10,961	4,324	6,637	3,557	8,287	-4,730
Refinery Olefins	171	0	171	0	570	-570	399	0	399
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	171	0	171	0	570	-570	399	0	399
Normal Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	30	57	-27	195	1,167	-972	1,167	168	999
Motor Gasoline Blending Components	59,629	6,601	53,028	9,376	5,405	3,971	1,607	64,080	-62,473
Reformulated - RBOB	6,894	0	6,894	435	231	204	231	9,205	-8,974
Conventional	52,735	6,601	46,134	8,941	5,174	3,767	1,376	54,875	-53,499
CBOB	51,964	6,601	45,363	8,941	5,071	3,870	1,273	54,104	-52,831
GTAB	0	0	-	-	-	-	-	-	-
Other	771	0	771	0	103	-103	103	771	-668
Biofuels (including Fuel Ethanol)	8,493	0	8,493	3	18,716	-18,712	5,446	1,822	3,624
Fuel Ethanol	8,312	0	8,312	0	17,245	-17,245	5,151	509	4,643
Biodiesel	178	0	178	0	807	-807	295	45	250
Renewable Diesel Fuel	3	0	3	3	664	-661	0	1,269	-1,269
Other Biofuels ²	-	-	-	0	0	-	0	0	-
Finished Motor Gasoline	2,443	58	2,385	806	705	101	137	2,383	-2,246
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	0	0	-	-	-	-	0	0	-
Conventional	2,443	58	2,385	806	705	101	137	2,383	-2,246
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	2,443	58	2,385	806	705	101	137	2,383	-2,246
Finished Aviation Gasoline	124	0	124	45	0	45	0	169	-169
Kerosene-Type Jet Fuel	13,161	309	12,852	2,400	2,069	331	39	14,501	-14,462
Kerosene	298	0	298	0	0	-	0	298	-298
Distillate Fuel Oil	28,466	2,244	26,222	3,957	3,504	453	1,112	29,117	-28,005
15 ppm sulfur and under	28,078	2,244	25,834	3,869	3,504	365	1,112	28,641	-27,529
Greater than 15 ppm to 500 ppm sulfur	0	0	-	88	0	88	0	88	-88
Greater than 500 ppm sulfur	388	0	388	0	0	-	0	388	-388
Residual Fuel Oil	0	0	-	0	880	-880	880	0	880
Petrochemical Feedstocks	0	0	-	9	94	-85	94	9	85
Naphtha for Petrochemical Feedstock Use	0	0	-	9	94	-85	94	9	85
Other Oils for Petrochemical Feedstock Use	0	0	-	0	0	-	0	0	-
Special Naphthas	0	0	-	31	0	31	0	31	-31
Lubricants	486	0	486	177	9	168	9	663	-654
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	436	12	424	121	1,168	-1,047	944	54	890
Asphalt and Road Oil	1,127	47	1,080	220	1,427	-1,207	614	565	49
Miscellaneous Products	0	0	-	9	0	9	0	9	-9
Total	129,483	17,279	112,205	107,928	147,193	-39,266	100,474	156,673	-56,199

See footnotes at end of table.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, January 2023
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	5,631	28,155	-22,524	3,215	0	3,215
Petroleum Products	13,666	26,169	-12,503	15,217	146	15,072
Natural Gas Liquids	8,682	22,383	-13,701	2,021	0	2,021
Ethane	2,018	6,199	-4,181	0	0	-
Propane	3,456	8,300	-4,844	704	0	704
Normal Butane	1,451	3,590	-2,139	1,104	0	1,104
Isobutane	514	1,383	-869	214	0	214
Natural Gasoline	1,243	2,911	-1,668	0	0	-
Refinery Olefins	0	0	-	0	0	-
Ethylene	-	-	-	-	-	-
Propylene	0	0	-	0	0	-
Normal Butylene	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-
Unfinished Oils	0	0	-	0	0	-
Motor Gasoline Blending Components	2,117	1,453	664	4,810	0	4,810
Reformulated - RBOB	-	-	-	1,876	0	1,876
Conventional	2,117	1,453	664	2,934	0	2,934
CBOB	2,117	1,453	664	2,934	0	2,934
GTAB	-	-	-	-	-	-
Other	0	0	-	0	0	-
Biofuels (including Fuel Ethanol)	568	326	242	6,353	0	6,353
Fuel Ethanol	555	72	483	3,807	0	3,807
Biodiesel	14	0	14	365	0	365
Renewable Diesel Fuel	0	254	-254	2,181	0	2,181
Other Biofuels ²	0	0	-	0	0	-
Finished Motor Gasoline	131	430	-299	59	0	59
Reformulated	-	-	-	0	0	-
Reformulated Blended with Fuel Ethanol	-	-	-	0	0	-
Reformulated Other	-	-	-	-	-	-
Conventional	131	430	-299	59	0	59
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-
Conventional Other	131	430	-299	59	0	59
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	1,074	20	1,054	225	0	225
Kerosene	0	0	-	0	0	-
Distillate Fuel Oil	1,006	813	193	1,137	0	1,137
15 ppm sulfur and under	1,006	813	193	1,137	0	1,137
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	0	-
Greater than 500 ppm sulfur	0	0	-	0	0	-
Residual Fuel Oil	0	0	-	0	0	-
Petrochemical Feedstocks	0	0	-	0	0	-
Naphtha for Petrochemical Feedstock Use	-	-	-	0	0	-
Other Oils for Petrochemical Feedstock Use	0	0	-	0	0	-
Special Naphthas	0	0	-	0	0	-
Lubricants	0	0	-	0	0	-
Waxes	-	-	-	0	0	-
Marketable Petroleum Coke	42	285	-243	86	109	-24
Asphalt and Road Oil	46	460	-413	527	36	491
Miscellaneous Products	0	0	-	0	0	-
Total	19,297	54,324	-35,027	18,432	146	18,286

- = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, renewable diesel fuel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Forms Pipeline Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, February 2023
(Thousand Barrels)

Commodity	PAD District 1			PAD District 2			PAD District 3		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	2,095	414	1,681	42,308	61,410	-19,102	53,668	19,218	34,450
Petroleum Products	123,778	15,530	108,248	51,465	86,001	-34,536	49,380	125,097	-75,717
Natural Gas Liquids	9,401	7,099	2,302	34,465	50,690	-16,225	36,819	11,770	25,049
Ethane	446	5,372	-4,926	11,351	17,042	-5,691	15,328	929	14,399
Propane	7,101	840	6,261	8,974	20,653	-11,679	12,806	3,486	9,320
Normal Butane	1,735	234	1,501	3,517	7,087	-3,571	3,973	662	3,312
Isobutane	119	442	-323	2,215	2,022	194	1,574	788	786
Natural Gasoline	0	210	-210	8,408	3,886	4,522	3,138	5,905	-2,767
Refinery Olefins	250	0	250	0	661	-661	412	0	412
Ethylene	-	-	-	-	-	-	0	0	-
Propylene	250	0	250	0	661	-661	412	0	412
Normal Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	34	40	-6	398	1,148	-750	1,148	392	756
Motor Gasoline Blending Components	57,892	5,469	52,423	9,384	4,735	4,649	1,363	63,635	-62,272
Reformulated - RBOB	6,520	0	6,520	1,123	0	1,123	0	9,488	-9,488
Conventional	51,372	5,469	45,903	8,261	4,735	3,526	1,363	54,147	-52,784
CBOB	50,174	5,469	44,705	8,208	4,632	3,576	1,260	52,896	-51,636
GTAB	0	0	-	-	-	-	0	0	-
Other	1,198	0	1,198	53	103	-50	103	1,251	-1,148
Biofuels (including Fuel Ethanol)	9,257	5	9,251	8	19,548	-19,540	5,582	1,037	4,545
Fuel Ethanol	9,040	0	9,040	0	18,363	-18,363	5,308	24	5,283
Biodiesel	216	5	211	5	786	-781	275	14	261
Renewable Diesel Fuel	0	0	-	3	400	-396	0	999	-999
Other Biofuels ²	-	-	-	0	0	-	0	0	-
Finished Motor Gasoline	2,013	73	1,940	708	759	-51	194	1,975	-1,781
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-	0	0	-
Conventional	2,013	73	1,940	708	759	-51	194	1,975	-1,781
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	2,013	73	1,940	708	759	-51	194	1,975	-1,781
Finished Aviation Gasoline	122	0	122	0	0	-	0	122	-122
Kerosene-Type Jet Fuel	14,259	292	13,967	2,141	1,601	540	108	15,593	-15,485
Kerosene	298	0	298	0	0	-	0	298	-298
Distillate Fuel Oil	28,333	2,445	25,888	3,897	3,001	896	1,018	29,097	-28,079
15 ppm sulfur and under	28,025	2,445	25,580	3,841	3,001	840	1,018	28,733	-27,715
Greater than 15 ppm to 500 ppm sulfur	0	0	-	56	0	56	0	56	-56
Greater than 500 ppm sulfur	308	0	308	0	0	-	0	308	-308
Residual Fuel Oil	0	0	-	0	865	-865	865	0	865
Petrochemical Feedstocks	0	0	-	0	47	-47	47	0	47
Naphtha for Petrochemical Feedstock Use	0	0	-	0	47	-47	47	0	47
Other Oils for Petrochemical Feedstock Use	0	0	-	0	0	-	0	0	-
Special Naphthas	0	0	-	15	0	15	0	15	-15
Lubricants	483	0	483	148	32	116	32	631	-599
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	297	6	291	61	1,307	-1,246	1,193	73	1,119
Asphalt and Road Oil	1,140	100	1,039	235	1,606	-1,372	599	453	146
Miscellaneous Products	0	0	-	5	0	5	0	5	-5
Total	125,873	15,944	109,930	93,773	147,411	-53,638	103,048	144,315	-41,266

See footnotes at end of table.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, February 2023
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	5,438	25,706	-20,268	3,238	0	3,238
Petroleum Products	13,155	24,233	-11,078	13,172	89	13,083
Natural Gas Liquids	8,779	20,916	-12,137	1,011	0	1,011
Ethane	2,074	5,856	-3,782	0	0	-
Propane	3,488	7,702	-4,214	313	0	313
Normal Butane	1,460	3,252	-1,792	550	0	550
Isobutane	515	1,319	-804	147	0	147
Natural Gasoline	1,242	2,787	-1,545	0	0	-
Refinery Olefins	0	0	-	0	0	-
Ethylene	-	-	-	-	-	-
Propylene	0	0	-	0	0	-
Normal Butylene	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-
Unfinished Oils	0	0	-	0	0	-
Motor Gasoline Blending Components	2,033	1,284	749	4,451	0	4,451
Reformulated - RBOB	-	-	-	1,845	0	1,845
Conventional	2,033	1,284	749	2,606	0	2,606
CBOB	2,033	1,284	749	2,606	0	2,606
GTAB	-	-	-	-	-	-
Other	0	0	-	0	0	-
Biofuels (including Fuel Ethanol)	509	398	111	5,635	3	5,632
Fuel Ethanol	482	81	400	3,639	0	3,639
Biodiesel	18	0	18	291	0	291
Renewable Diesel Fuel	9	316	-307	1,705	3	1,702
Other Biofuels ²	0	0	-	0	0	-
Finished Motor Gasoline	126	320	-194	86	0	86
Reformulated	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-
Conventional	126	320	-194	86	0	86
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-
Conventional Other	126	320	-194	86	0	86
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	834	47	787	191	0	191
Kerosene	0	0	-	0	0	-
Distillate Fuel Oil	759	680	79	1,216	0	1,216
15 ppm sulfur and under	759	680	79	1,216	0	1,216
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	0	-
Greater than 500 ppm sulfur	0	0	-	0	0	-
Residual Fuel Oil	0	0	-	0	0	-
Petrochemical Feedstocks	0	0	-	0	0	-
Naphtha for Petrochemical Feedstock Use	-	-	-	0	0	-
Other Oils for Petrochemical Feedstock Use	0	0	-	0	0	-
Special Naphthas	-	-	-	0	0	-
Lubricants	0	0	-	0	0	-
Waxes	0	0	-	0	0	-
Marketable Petroleum Coke	36	253	-218	99	45	54
Asphalt and Road Oil	80	335	-255	484	41	442
Miscellaneous Products	0	0	-	0	0	-
Total	18,593	49,940	-31,346	16,411	89	16,321

- = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, renewable diesel fuel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Forms EIA-817, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, March 2023
(Thousand Barrels)

Commodity	PAD District 1			PAD District 2			PAD District 3		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	2,781	495	2,286	39,594	70,881	-31,287	63,534	16,814	46,720
Petroleum Products	127,535	17,121	110,414	57,872	96,536	-38,664	57,971	129,608	-71,636
Natural Gas Liquids	10,160	7,731	2,430	39,406	59,195	-19,789	44,431	13,270	31,161
Ethane	412	5,762	-5,350	13,064	20,946	-7,882	19,293	1,152	18,141
Propane	7,426	970	6,456	9,849	22,937	-13,088	14,576	3,393	11,183
Normal Butane	2,174	255	1,920	3,585	8,315	-4,731	4,833	304	4,528
Isobutane	148	506	-358	2,513	2,465	47	2,013	845	1,168
Natural Gasoline	0	238	-238	10,396	4,531	5,865	3,717	7,576	-3,859
Refinery Olefins	183	0	183	0	782	-782	599	0	599
Ethylene	-	-	-	-	-	-	0	0	-
Propylene	183	0	183	0	782	-782	599	0	599
Normal Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	20	40	-20	801	1,311	-510	1,381	781	600
Motor Gasoline Blending Components	62,335	6,389	55,946	8,963	4,851	4,112	1,384	66,578	-65,194
Reformulated - RBOB	6,235	0	6,235	113	0	113	0	7,869	-7,869
Conventional	56,100	6,389	49,711	8,850	4,851	3,999	1,384	58,709	-57,325
CBOB	55,548	6,389	49,159	8,750	4,689	4,061	1,222	57,899	-56,677
GTAB	0	0	-	-	-	-	0	0	-
Other	552	0	552	100	162	-62	162	810	-648
Biofuels (including Fuel Ethanol)	10,779	0	10,779	3	22,360	-22,357	6,264	1,810	4,455
Fuel Ethanol	10,587	0	10,587	0	21,035	-21,035	5,961	448	5,513
Biodiesel	192	0	192	0	865	-865	304	14	290
Renewable Diesel Fuel	-	-	-	3	459	-456	0	1,348	-1,348
Other Biofuels ²	-	-	-	0	0	-	0	0	-
Finished Motor Gasoline	1,831	45	1,786	922	643	279	111	1,949	-1,838
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	0	0	-	0	0	-	0	0	-
Conventional	1,831	45	1,786	922	643	279	111	1,949	-1,838
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	1,831	45	1,786	922	643	279	111	1,949	-1,838
Finished Aviation Gasoline	40	0	40	25	0	25	0	65	-65
Kerosene-Type Jet Fuel	13,798	369	13,429	1,397	1,116	281	105	14,896	-14,791
Kerosene	0	0	-	0	0	-	0	0	-
Distillate Fuel Oil	26,520	2,497	24,023	5,397	2,666	2,731	846	28,665	-27,819
15 ppm sulfur and under	26,294	2,497	23,797	5,269	2,614	2,655	794	28,311	-27,517
Greater than 15 ppm to 500 ppm sulfur	0	0	-	128	52	76	52	128	-76
Greater than 500 ppm sulfur	226	0	226	0	0	-	0	226	-226
Residual Fuel Oil	0	0	-	0	832	-832	832	0	832
Petrochemical Feedstocks	0	0	-	0	40	-40	40	0	40
Naphtha for Petrochemical Feedstock Use	0	0	-	0	0	-	0	0	-
Other Oils for Petrochemical Feedstock Use	0	0	-	0	40	-40	40	0	40
Special Naphthas	0	0	-	29	0	29	0	29	-29
Lubricants	626	0	626	286	9	277	96	919	-823
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	113	6	107	235	1,343	-1,108	1,407	32	1,375
Asphalt and Road Oil	1,129	44	1,085	395	1,389	-994	476	601	-125
Miscellaneous Products	0	0	-	13	0	13	0	13	-13
Total	130,316	17,616	112,700	97,466	167,417	-69,951	121,505	146,422	-24,916

See footnotes at end of table.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, March 2023
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	5,453	25,645	-20,192	2,473	0	2,473
Petroleum Products	14,472	28,607	-14,136	14,244	221	14,022
Natural Gas Liquids	10,125	24,743	-14,618	815	0	815
Ethane	2,580	7,489	-4,909	0	0	-
Propane	3,925	8,913	-4,988	436	0	436
Normal Butane	1,649	3,662	-2,013	296	0	296
Isobutane	583	1,523	-940	83	0	83
Natural Gasoline	1,388	3,156	-1,768	0	0	-
Refinery Olefins	0	0	-	0	0	-
Ethylene	-	-	-	-	-	-
Propylene	0	0	-	0	0	-
Normal Butylene	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-
Unfinished Oils	0	0	-	0	70	-70
Motor Gasoline Blending Components	2,163	1,373	790	4,346	0	4,346
Reformulated - RBOB	-	-	-	1,521	0	1,521
Conventional	2,163	1,373	790	2,825	0	2,825
CBOB	2,163	1,373	790	2,667	0	2,667
GTAB	-	-	-	0	0	-
Other	0	0	-	158	0	158
Biofuels (including Fuel Ethanol)	472	406	66	7,057	0	7,057
Fuel Ethanol	454	111	344	4,592	0	4,592
Biodiesel	18	0	18	366	0	366
Renewable Diesel Fuel	0	296	-296	2,100	0	2,100
Other Biofuels ²	0	0	-	0	0	-
Finished Motor Gasoline	112	414	-302	75	0	75
Reformulated	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-
Conventional	112	414	-302	75	0	75
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-
Conventional Other	112	414	-302	75	0	75
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	858	42	816	265	0	265
Kerosene	0	0	-	0	0	-
Distillate Fuel Oil	641	667	-26	1,091	0	1,091
15 ppm sulfur and under	641	667	-26	1,091	0	1,091
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	0	-
Greater than 500 ppm sulfur	0	0	-	0	0	-
Residual Fuel Oil	0	0	-	0	0	-
Petrochemical Feedstocks	0	0	-	0	0	-
Naphtha for Petrochemical Feedstock Use	-	-	-	-	-	-
Other Oils for Petrochemical Feedstock Use	0	0	-	0	0	-
Special Naphthas	-	-	-	0	0	-
Lubricants	0	0	-	7	87	-80
Waxes	0	0	-	0	0	-
Marketable Petroleum Coke	13	462	-449	127	52	76
Asphalt and Road Oil	87	500	-413	461	13	448
Miscellaneous Products	0	0	-	0	0	-
Total	19,925	54,252	-34,328	16,716	221	16,495

- = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, renewable diesel fuel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Forms Pipeline Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, April 2023
(Thousand Barrels)

Commodity	PAD District 1			PAD District 2			PAD District 3		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	2,972	352	2,620	46,816	71,924	-25,108	62,577	24,326	38,251
Petroleum Products	123,911	17,204	106,707	59,834	93,782	-33,948	56,147	127,511	-71,364
Natural Gas Liquids	9,443	6,871	2,572	38,210	58,344	-20,135	43,174	11,981	31,193
Ethane	0	5,129	-5,129	12,622	21,124	-8,502	19,366	903	18,463
Propane	7,543	970	6,573	9,877	22,332	-12,455	13,331	3,025	10,306
Normal Butane	1,792	385	1,407	4,046	8,235	-4,189	5,161	536	4,625
Isobutane	108	379	-271	2,333	2,289	44	1,825	795	1,030
Natural Gasoline	0	9	-9	9,332	4,364	4,968	3,490	6,722	-3,232
Refinery Olefins	275	0	275	0	903	-903	628	0	628
Ethylene	-	-	-	-	-	-	0	0	-
Propylene	275	0	275	0	903	-903	628	0	628
Normal Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	45	41	4	963	828	135	913	967	-54
Motor Gasoline Blending Components	58,625	6,952	51,673	11,125	4,802	6,323	1,722	64,142	-62,420
Reformulated - RBOB	7,691	0	7,691	1,783	210	1,573	210	10,663	-10,453
Conventional	50,934	6,952	43,982	9,342	4,592	4,750	1,512	53,479	-51,967
CBOB	49,990	6,952	43,038	9,038	4,333	4,705	1,203	52,231	-51,028
GTAB	0	0	-	-	-	-	0	0	-
Other	944	0	944	304	259	45	309	1,248	-939
Biofuels (including Fuel Ethanol)	8,866	13	8,853	12	19,963	-19,952	6,241	1,455	4,786
Fuel Ethanol	8,758	0	8,758	0	18,911	-18,911	5,960	309	5,650
Biodiesel	108	13	95	5	637	-631	282	6	276
Renewable Diesel Fuel	-	-	-	6	416	-409	0	1,140	-1,140
Other Biofuels ²	-	-	-	0	0	-	0	0	-
Finished Motor Gasoline	2,825	57	2,768	996	990	6	25	2,775	-2,750
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	0	0	-	0	0	-	0	0	-
Conventional	2,825	57	2,768	996	990	6	25	2,775	-2,750
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	2,825	57	2,768	996	990	6	25	2,775	-2,750
Finished Aviation Gasoline	52	0	52	0	0	-	0	52	-52
Kerosene-Type Jet Fuel	16,428	391	16,037	1,513	1,687	-174	30	16,821	-16,791
Kerosene	0	0	-	0	0	-	0	0	-
Distillate Fuel Oil	25,136	2,835	22,301	6,405	2,602	3,803	952	27,972	-27,020
15 ppm sulfur and under	24,890	2,835	22,055	6,336	2,602	3,734	952	27,657	-26,705
Greater than 15 ppm to 500 ppm sulfur	0	0	-	69	0	69	0	69	-69
Greater than 500 ppm sulfur	246	0	246	0	0	-	0	246	-246
Residual Fuel Oil	0	0	-	0	797	-797	797	0	797
Petrochemical Feedstocks	0	0	-	0	121	-121	121	0	121
Naphtha for Petrochemical Feedstock Use	0	0	-	0	98	-98	98	0	98
Other Oils for Petrochemical Feedstock Use	0	0	-	0	23	-23	23	0	23
Special Naphthas	0	0	-	42	0	42	0	42	-42
Lubricants	508	0	508	176	20	156	20	692	-672
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	505	6	498	172	1,223	-1,051	1,017	81	936
Asphalt and Road Oil	1,203	37	1,166	212	1,502	-1,290	507	522	-15
Miscellaneous Products	0	0	-	9	0	9	0	9	-9
Total	126,884	17,556	109,328	106,650	165,706	-59,056	118,724	151,837	-33,114

See footnotes at end of table.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, April 2023
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	5,374	24,912	-19,538	3,775	0	3,775
Petroleum Products	14,817	28,117	-13,300	12,229	325	11,904
Natural Gas Liquids	10,706	25,048	-14,342	712	0	712
Ethane	3,049	7,881	-4,832	0	0	-
Propane	4,025	8,895	-4,870	445	0	445
Normal Butane	1,667	3,635	-1,968	125	0	125
Isobutane	586	1,531	-945	141	0	141
Natural Gasoline	1,379	3,106	-1,727	0	0	-
Refinery Olefins	0	0	-	0	0	-
Ethylene	-	-	-	-	-	-
Propylene	0	0	-	0	0	-
Normal Butylene	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-
Unfinished Oils	0	0	-	0	85	-85
Motor Gasoline Blending Components	2,061	1,281	780	3,694	50	3,644
Reformulated - RBOB	-	-	-	1,189	0	1,189
Conventional	2,061	1,281	780	2,505	50	2,455
CBOB	2,061	1,281	780	2,505	0	2,505
GTAB	-	-	-	-	-	-
Other	0	0	-	0	50	-50
Biofuels (including Fuel Ethanol)	391	264	127	6,197	12	6,185
Fuel Ethanol	372	55	317	4,186	0	4,186
Biodiesel	13	0	13	253	6	247
Renewable Diesel Fuel	6	209	-202	1,758	6	1,752
Other Biofuels ²	0	0	-	0	0	-
Finished Motor Gasoline	106	231	-125	101	0	101
Reformulated	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-
Conventional	106	231	-125	101	0	101
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-
Conventional Other	106	231	-125	101	0	101
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	818	1	817	111	0	111
Kerosene	0	0	-	0	0	-
Distillate Fuel Oil	585	515	70	895	49	846
15 ppm sulfur and under	585	515	70	895	49	846
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	0	-
Greater than 500 ppm sulfur	0	0	-	0	0	-
Residual Fuel Oil	0	0	-	0	0	-
Petrochemical Feedstocks	0	0	-	0	0	-
Naphtha for Petrochemical Feedstock Use	-	-	-	0	0	-
Other Oils for Petrochemical Feedstock Use	0	0	-	0	0	-
Special Naphthas	-	-	-	0	0	-
Lubricants	0	0	-	8	0	8
Waxes	0	0	-	0	0	-
Marketable Petroleum Coke	26	408	-382	76	77	-1
Asphalt and Road Oil	124	368	-244	435	52	383
Miscellaneous Products	0	0	-	0	0	-
Total	20,191	53,028	-32,837	16,005	325	15,679

- = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, renewable diesel fuel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, May 2023
(Thousand Barrels)

Commodity	PAD District 1			PAD District 2			PAD District 3		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	2,379	304	2,075	52,806	72,813	-20,007	63,699	26,110	37,589
Petroleum Products	126,308	17,789	108,518	65,623	93,677	-28,054	52,911	133,333	-80,422
Natural Gas Liquids	8,608	7,698	910	40,208	56,730	-16,522	40,650	10,909	29,740
Ethane	0	5,881	-5,881	13,618	20,767	-7,149	19,185	937	18,248
Propane	6,590	1,078	5,512	10,326	21,457	-11,131	11,823	1,795	10,028
Normal Butane	1,866	312	1,554	4,175	8,033	-3,858	4,738	556	4,182
Isobutane	152	418	-266	2,411	2,231	180	1,682	776	905
Natural Gasoline	0	9	-9	9,678	4,242	5,436	3,222	6,845	-3,623
Refinery Olefins	187	0	187	0	675	-675	488	0	488
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	187	0	187	0	675	-675	488	0	488
Normal Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	65	43	22	328	1,365	-1,037	1,365	350	1,015
Motor Gasoline Blending Components	61,609	6,670	54,939	13,350	4,837	8,513	1,490	69,967	-68,477
Reformulated - RBOB	9,759	0	9,759	4,062	144	3,918	144	15,253	-15,109
Conventional	51,850	6,670	45,180	9,288	4,693	4,595	1,346	54,714	-53,368
CBOB	51,166	6,670	44,496	9,062	4,573	4,489	1,226	53,804	-52,578
GTAB	0	0	-	-	-	-	0	0	-
Other	684	0	684	226	120	106	120	910	-790
Biofuels (including Fuel Ethanol)	9,019	5	9,014	11	21,106	-21,095	5,920	1,046	4,874
Fuel Ethanol	8,956	0	8,956	0	20,427	-20,427	5,668	0	5,668
Biodiesel	63	5	58	11	536	-525	252	45	207
Renewable Diesel Fuel	0	0	-	0	142	-142	0	1,001	-1,001
Other Biofuels ²	-	-	-	0	0	-	0	0	-
Finished Motor Gasoline	2,756	106	2,650	2,419	1,103	1,316	0	4,035	-4,035
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	0	0	-	0	0	-	0	0	-
Conventional	2,756	106	2,650	2,419	1,103	1,316	0	4,035	-4,035
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	2,756	106	2,650	2,419	1,103	1,316	0	4,035	-4,035
Finished Aviation Gasoline	51	0	51	35	0	35	0	86	-86
Kerosene-Type Jet Fuel	16,814	401	16,413	1,749	1,591	158	59	17,352	-17,293
Kerosene	0	0	-	0	0	-	0	0	-
Distillate Fuel Oil	25,171	2,840	22,331	6,670	3,136	3,534	985	28,216	-27,231
15 ppm sulfur and under	24,839	2,840	21,999	6,572	3,136	3,436	985	27,786	-26,801
Greater than 15 ppm to 500 ppm sulfur	0	0	-	98	0	98	0	98	-98
Greater than 500 ppm sulfur	332	0	332	0	0	-	0	332	-332
Residual Fuel Oil	0	0	-	0	606	-606	606	0	606
Petrochemical Feedstocks	0	0	-	56	70	-14	70	56	14
Naphtha for Petrochemical Feedstock Use	0	0	-	56	48	8	48	56	-8
Other Oils for Petrochemical Feedstock Use	0	0	-	0	22	-22	22	0	22
Special Naphthas	0	0	-	10	0	10	0	10	-10
Lubricants	416	0	416	164	10	154	10	588	-578
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	243	0	243	302	741	-439	622	29	593
Asphalt and Road Oil	1,369	26	1,343	314	1,707	-1,393	646	681	-35
Miscellaneous Products	0	0	-	7	0	7	0	7	-7
Total	128,686	18,093	110,593	118,429	166,490	-48,061	116,610	159,443	-42,833

See footnotes at end of table.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, May 2023
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	6,430	29,559	-23,129	3,472	0	3,472
Petroleum Products	15,795	29,489	-13,695	13,780	127	13,653
Natural Gas Liquids	11,219	26,232	-15,013	886	0	886
Ethane	2,946	8,164	-5,218	0	0	-
Propane	4,265	9,335	-5,070	661	0	661
Normal Butane	1,825	3,792	-1,967	89	0	89
Isobutane	632	1,586	-954	135	0	135
Natural Gasoline	1,551	3,355	-1,804	0	0	-
Refinery Olefins	0	0	-	0	0	-
Ethylene	-	-	-	-	-	-
Propylene	0	0	-	0	0	-
Normal Butylene	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-
Unfinished Oils	0	0	-	0	0	-
Motor Gasoline Blending Components	2,298	1,346	952	4,073	0	4,073
Reformulated - RBOB	-	-	-	1,432	0	1,432
Conventional	2,298	1,346	952	2,641	0	2,641
CBOB	2,298	1,346	952	2,641	0	2,641
GTAB	-	-	-	-	-	-
Other	0	0	-	0	0	-
Biofuels (including Fuel Ethanol)	538	431	107	7,127	28	7,100
Fuel Ethanol	499	39	460	5,344	0	5,344
Biodiesel	37	0	37	251	28	224
Renewable Diesel Fuel	3	392	-389	1,532	0	1,532
Other Biofuels ²	0	0	-	0	0	-
Finished Motor Gasoline	114	147	-33	102	0	102
Reformulated	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-
Conventional	114	147	-33	102	0	102
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-
Conventional Other	114	147	-33	102	0	102
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	630	1	629	93	0	93
Kerosene	0	0	-	0	0	-
Distillate Fuel Oil	894	434	460	906	0	906
15 ppm sulfur and under	894	434	460	906	0	906
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	0	-
Greater than 500 ppm sulfur	0	0	-	0	0	-
Residual Fuel Oil	0	0	-	0	0	-
Petrochemical Feedstocks	0	0	-	0	0	-
Naphtha for Petrochemical Feedstock Use	-	-	-	0	0	-
Other Oils for Petrochemical Feedstock Use	0	0	-	0	0	-
Special Naphthas	-	-	-	0	0	-
Lubricants	0	0	-	8	0	8
Waxes	0	0	-	0	0	-
Marketable Petroleum Coke	16	528	-512	160	45	115
Asphalt and Road Oil	85	370	-285	425	54	371
Miscellaneous Products	0	0	-	0	0	-
Total	22,225	59,049	-36,824	17,252	127	17,125

- = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, renewable diesel fuel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Forms EIA-812, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, June 2023
(Thousand Barrels)

Commodity	PAD District 1			PAD District 2			PAD District 3		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	2,990	333	2,657	51,441	68,197	-16,756	57,363	25,633	31,730
Petroleum Products	122,474	17,652	104,823	63,317	90,883	-27,565	51,294	128,000	-76,706
Natural Gas Liquids	8,952	7,573	1,379	38,704	55,013	-16,309	40,557	10,622	29,935
Ethane	573	6,117	-5,544	12,957	18,966	-6,009	17,992	1,022	16,970
Propane	6,330	926	5,404	9,913	20,129	-10,216	11,377	1,736	9,641
Normal Butane	1,965	195	1,770	3,814	8,903	-5,089	5,440	295	5,145
Isobutane	84	329	-245	2,601	2,190	411	1,835	1,070	765
Natural Gasoline	0	7	-7	9,419	4,825	4,594	3,913	6,500	-2,587
Refinery Olefins	225	0	225	0	632	-632	407	0	407
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	225	0	225	0	632	-632	407	0	407
Normal Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	40	21	19	276	588	-312	588	295	293
Motor Gasoline Blending Components	57,489	6,651	50,838	13,254	4,605	8,649	1,316	65,985	-64,669
Reformulated - RBOB	9,711	0	9,711	4,218	0	4,218	0	15,718	-15,718
Conventional	47,778	6,651	41,127	9,036	4,605	4,431	1,316	50,267	-48,951
CBOB	47,191	6,651	40,540	8,950	4,504	4,446	1,215	49,594	-48,379
GTAB	0	0	-	-	-	-	0	0	-
Other	587	0	587	86	101	-15	101	673	-572
Biofuels (including Fuel Ethanol)	9,860	5	9,855	14	21,388	-21,374	6,024	1,731	4,293
Fuel Ethanol	9,831	0	9,831	0	20,313	-20,313	5,805	352	5,454
Biodiesel	29	5	24	8	509	-501	218	22	196
Renewable Diesel Fuel	0	0	-	6	566	-560	0	1,357	-1,357
Other Biofuels ²	-	-	-	0	0	-	0	0	-
Finished Motor Gasoline	2,027	95	1,932	1,759	852	907	0	2,571	-2,571
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	0	0	-	0	0	-	0	0	-
Conventional	2,027	95	1,932	1,759	852	907	0	2,571	-2,571
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	2,027	95	1,932	1,759	852	907	0	2,571	-2,571
Finished Aviation Gasoline	134	0	134	25	0	25	0	159	-159
Kerosene-Type Jet Fuel	16,903	377	16,526	1,629	1,915	-286	55	17,371	-17,316
Kerosene	0	0	-	0	0	-	0	0	-
Distillate Fuel Oil	24,487	2,864	21,623	6,903	2,807	4,096	824	27,848	-27,024
15 ppm sulfur and under	24,243	2,864	21,379	6,798	2,807	3,991	824	27,499	-26,675
Greater than 15 ppm to 500 ppm sulfur	0	0	-	105	0	105	0	105	-105
Greater than 500 ppm sulfur	244	0	244	0	0	-	0	244	-244
Residual Fuel Oil	0	0	-	0	495	-495	495	0	495
Petrochemical Feedstocks	300	0	300	38	94	-56	94	338	-244
Naphtha for Petrochemical Feedstock Use	300	0	300	38	94	-56	94	338	-244
Other Oils for Petrochemical Feedstock Use	0	0	-	0	0	-	0	0	-
Special Naphthas	0	0	-	25	0	25	0	25	-25
Lubricants	360	0	360	166	19	147	19	540	-521
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	509	9	500	273	1,060	-787	608	19	589
Asphalt and Road Oil	1,189	56	1,132	243	1,414	-1,170	307	489	-182
Miscellaneous Products	0	0	-	7	0	7	0	7	-7
Total	125,464	17,985	107,479	114,758	159,079	-44,321	108,657	153,633	-44,976

See footnotes at end of table.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, June 2023
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	6,786	28,349	-21,563	3,932	0	3,932
Petroleum Products	15,074	29,943	-14,869	14,433	115	14,318
Natural Gas Liquids	10,617	26,158	-15,541	537	0	537
Ethane	2,273	7,690	-5,417	0	0	-
Propane	4,236	9,367	-5,131	301	0	301
Normal Butane	1,845	3,779	-1,934	107	0	107
Isobutane	636	1,696	-1,060	128	0	128
Natural Gasoline	1,627	3,627	-2,000	0	0	-
Refinery Olefins	0	0	-	0	0	-
Ethylene	-	-	-	-	-	-
Propylene	0	0	-	0	0	-
Normal Butylene	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-
Unfinished Oils	0	0	-	0	0	-
Motor Gasoline Blending Components	2,084	1,273	811	4,371	0	4,371
Reformulated - RBOB	-	-	-	1,789	0	1,789
Conventional	2,084	1,273	811	2,582	0	2,582
CBOB	2,084	1,273	811	2,582	0	2,582
GTAB	-	-	-	-	-	-
Other	0	0	-	0	0	-
Biofuels (including Fuel Ethanol)	530	423	107	7,140	22	7,119
Fuel Ethanol	482	55	426	4,602	0	4,602
Biodiesel	42	0	42	254	15	239
Renewable Diesel Fuel	6	368	-361	2,284	6	2,278
Other Biofuels ²	0	0	-	0	0	-
Finished Motor Gasoline	101	456	-355	87	0	87
Reformulated	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-
Conventional	101	456	-355	87	0	87
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-
Conventional Other	101	456	-355	87	0	87
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	827	35	792	284	0	284
Kerosene	-	-	-	0	0	-
Distillate Fuel Oil	809	677	132	1,173	0	1,173
15 ppm sulfur and under	809	677	132	1,173	0	1,173
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	0	-
Greater than 500 ppm sulfur	0	0	-	0	0	-
Residual Fuel Oil	0	0	-	0	0	-
Petrochemical Feedstocks	0	0	-	0	0	-
Naphtha for Petrochemical Feedstock Use	-	-	-	0	0	-
Other Oils for Petrochemical Feedstock Use	0	0	-	0	0	-
Special Naphthas	-	-	-	0	0	-
Lubricants	0	0	-	14	0	14
Waxes	-	-	-	0	0	-
Marketable Petroleum Coke	13	380	-368	121	55	66
Asphalt and Road Oil	93	541	-448	706	39	668
Miscellaneous Products	0	0	-	0	0	-
Total	21,860	58,292	-36,432	18,365	115	18,250

- = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, renewable diesel fuel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Forms EIA-812, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, July 2023
(Thousand Barrels)

Commodity	PAD District 1			PAD District 2			PAD District 3		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	1,995	298	1,697	48,000	73,462	-25,462	63,252	22,649	40,603
Petroleum Products	125,957	17,562	108,395	64,251	93,378	-29,127	55,540	134,292	-78,752
Natural Gas Liquids	8,389	7,725	663	41,958	58,603	-16,645	44,361	12,973	31,387
Ethane	542	6,041	-5,499	13,493	19,799	-6,306	18,537	1,031	17,506
Propane	6,329	901	5,428	10,719	22,550	-11,831	13,958	2,763	11,195
Normal Butane	1,318	343	975	4,131	8,442	-4,311	5,547	338	5,210
Isobutane	200	434	-235	2,711	2,409	302	1,899	1,012	887
Natural Gasoline	0	6	-6	10,904	5,404	5,500	4,419	7,830	-3,411
Refinery Olefins	322	0	322	0	857	-857	535	0	535
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	322	0	322	0	857	-857	535	0	535
Normal Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	21	40	-19	152	546	-394	763	133	630
Motor Gasoline Blending Components	62,179	6,764	55,415	12,834	5,259	7,575	1,364	69,833	-68,469
Reformulated - RBOB	11,533	0	11,533	3,195	0	3,195	0	16,397	-16,397
Conventional	50,646	6,764	43,882	9,639	5,259	4,380	1,364	53,436	-52,072
CBOB	50,127	6,764	43,363	9,472	5,205	4,267	1,310	52,750	-51,440
GTAB	0	0	-	-	-	-	0	0	-
Other	519	0	519	167	54	113	54	686	-632
Biofuels (including Fuel Ethanol)	8,947	6	8,941	18	20,590	-20,571	5,854	2,017	3,837
Fuel Ethanol	8,861	0	8,861	0	19,571	-19,571	5,602	723	4,879
Biodiesel	86	6	80	12	555	-543	252	25	227
Renewable Diesel Fuel	0	0	-	6	464	-458	0	1,269	-1,269
Other Biofuels ²	-	-	-	0	0	-	0	0	-
Finished Motor Gasoline	1,921	103	1,818	1,778	877	901	51	2,537	-2,486
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	0	0	-	0	0	-	0	0	-
Conventional	1,921	103	1,818	1,778	877	901	51	2,537	-2,486
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	1,921	103	1,818	1,778	877	901	51	2,537	-2,486
Finished Aviation Gasoline	38	0	38	59	0	59	0	97	-97
Kerosene-Type Jet Fuel	16,666	431	16,235	1,717	1,137	580	30	17,972	-17,942
Kerosene	0	0	-	0	0	-	0	0	-
Distillate Fuel Oil	25,510	2,450	23,060	5,110	2,673	2,437	793	27,356	-26,563
15 ppm sulfur and under	25,279	2,450	22,829	5,001	2,673	2,328	793	27,016	-26,223
Greater than 15 ppm to 500 ppm sulfur	0	0	-	109	0	109	0	109	-109
Greater than 500 ppm sulfur	231	0	231	0	0	-	0	231	-231
Residual Fuel Oil	0	0	-	0	456	-456	456	0	456
Petrochemical Feedstocks	0	0	-	19	124	-105	124	19	105
Naphtha for Petrochemical Feedstock Use	0	0	-	19	90	-71	90	19	71
Other Oils for Petrochemical Feedstock Use	0	0	-	0	34	-34	34	0	34
Special Naphthas	0	0	-	9	0	9	0	9	-9
Lubricants	425	0	425	152	18	134	18	587	-569
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	276	9	267	54	886	-832	806	70	736
Asphalt and Road Oil	1,262	34	1,229	384	1,352	-968	386	682	-296
Miscellaneous Products	0	0	-	7	0	7	0	7	-7
Total	127,952	17,860	110,092	112,251	166,840	-54,589	118,792	156,941	-38,149

See footnotes at end of table.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, July 2023
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	6,852	28,077	-21,225	4,386	0	4,386
Petroleum Products	16,046	31,040	-14,994	14,802	323	14,478
Natural Gas Liquids	11,265	27,384	-16,119	713	0	713
Ethane	2,486	8,187	-5,701	—	—	—
Propane	4,458	9,672	-5,214	421	0	421
Normal Butane	1,936	4,037	-2,101	227	0	227
Isobutane	669	1,689	-1,020	65	0	65
Natural Gasoline	1,716	3,799	-2,083	0	0	—
Refinery Olefins	0	0	—	0	0	—
Ethylene	—	—	—	—	—	—
Propylene	0	0	—	0	0	—
Normal Butylene	0	0	—	0	0	—
Isobutylene	0	0	—	0	0	—
Unfinished Oils	0	0	—	0	217	-217
Motor Gasoline Blending Components	2,466	1,340	1,126	4,353	0	4,353
Reformulated - RBOB	—	—	—	1,669	0	1,669
Conventional	2,466	1,340	1,126	2,684	0	2,684
CBOB	2,466	1,340	1,126	2,684	0	2,684
GTAB	—	—	—	—	—	—
Other	0	0	—	0	0	—
Biofuels (including Fuel Ethanol)	639	379	260	7,546	12	7,533
Fuel Ethanol	609	62	548	5,283	0	5,283
Biodiesel	27	0	27	221	12	209
Renewable Diesel Fuel	3	318	-315	2,042	0	2,042
Other Biofuels ²	0	0	—	0	0	—
Finished Motor Gasoline	161	485	-324	91	0	91
Reformulated	0	0	—	0	0	—
Reformulated Blended with Fuel Ethanol	—	—	—	0	0	—
Reformulated Other	—	—	—	—	—	—
Conventional	161	485	-324	91	0	91
Conventional Blended with Fuel Ethanol	0	0	—	0	0	—
Ed55 and Lower	0	0	—	0	0	—
Greater than Ed55	0	0	—	0	0	—
Conventional Other	161	485	-324	91	0	91
Finished Aviation Gasoline	0	0	—	0	0	—
Kerosene-Type Jet Fuel	911	43	868	259	0	259
Kerosene	—	—	—	0	0	—
Distillate Fuel Oil	548	624	-76	1,142	0	1,142
15 ppm sulfur and under	548	624	-76	1,142	0	1,142
Greater than 15 ppm to 500 ppm sulfur	0	0	—	0	0	—
Greater than 500 ppm sulfur	0	0	—	0	0	—
Residual Fuel Oil	0	0	—	0	0	—
Petrochemical Feedstocks	0	0	—	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	0	0	—
Other Oils for Petrochemical Feedstock Use	0	0	—	0	0	—
Special Naphthas	—	—	—	0	0	—
Lubricants	0	0	—	10	0	10
Waxes	0	0	—	0	0	—
Marketable Petroleum Coke	36	261	-225	139	84	55
Asphalt and Road Oil	20	525	-504	549	10	539
Miscellaneous Products	0	0	—	0	0	—
Total	22,898	59,117	-36,219	19,188	323	18,865

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, renewable diesel fuel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, August 2023
(Thousand Barrels)

Commodity	PAD District 1			PAD District 2			PAD District 3		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	2,345	239	2,106	47,074	70,337	-23,263	60,553	20,535	40,018
Petroleum Products	122,239	18,045	104,194	62,979	95,483	-32,503	56,035	126,229	-70,193
Natural Gas Liquids	9,837	7,756	2,081	41,585	60,930	-19,345	44,629	12,595	32,033
Ethane	0	6,046	-6,046	13,723	20,353	-6,630	19,203	1,081	18,122
Propane	7,746	1,036	6,710	11,018	23,720	-12,702	13,865	3,149	10,716
Normal Butane	1,894	235	1,659	4,318	8,813	-4,495	5,167	619	4,549
Isobutane	197	432	-235	2,535	2,590	-55	1,952	893	1,059
Natural Gasoline	0	7	-7	9,991	5,454	4,537	4,441	6,854	-2,413
Refinery Olefins	257	0	257	0	675	-675	418	0	418
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	257	0	257	0	675	-675	418	0	418
Normal Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	94	41	53	413	937	-524	937	466	471
Motor Gasoline Blending Components	59,011	6,860	52,151	12,233	4,915	7,318	1,202	65,548	-64,346
Reformulated - RBOB	10,330	0	10,330	2,621	0	2,621	0	14,257	-14,257
Conventional	48,681	6,860	41,821	9,612	4,915	4,697	1,202	51,291	-50,089
CBOB	47,988	6,860	41,128	9,512	4,760	4,752	1,047	50,498	-49,451
GTAB	0	0	-	-	-	-	0	0	-
Other	693	0	693	100	155	-55	155	793	-638
Biofuels (including Fuel Ethanol)	8,601	0	8,601	6	19,214	-19,208	5,987	1,720	4,267
Fuel Ethanol	8,506	0	8,506	0	18,201	-18,201	5,772	262	5,510
Biodiesel	95	0	95	0	651	-651	215	87	128
Renewable Diesel Fuel	0	0	-	6	362	-356	0	1,371	-1,371
Other Biofuels ²	-	-	-	0	0	-	0	0	-
Finished Motor Gasoline	1,698	97	1,601	846	901	-55	0	1,362	-1,362
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	0	0	-	0	0	-	0	0	-
Conventional	1,698	97	1,601	846	901	-55	0	1,362	-1,362
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	1,698	97	1,601	846	901	-55	0	1,362	-1,362
Finished Aviation Gasoline	132	0	132	0	0	-	0	132	-132
Kerosene-Type Jet Fuel	14,365	381	13,984	1,637	1,153	484	59	15,589	-15,530
Kerosene	0	0	-	0	0	-	0	0	-
Distillate Fuel Oil	25,743	2,889	22,854	5,453	3,222	2,231	1,084	27,391	-26,307
15 ppm sulfur and under	25,533	2,889	22,644	5,335	3,222	2,113	1,084	27,063	-25,979
Greater than 15 ppm to 500 ppm sulfur	99	0	99	118	0	118	0	217	-217
Greater than 500 ppm sulfur	111	0	111	0	0	-	0	111	-111
Residual Fuel Oil	0	0	-	0	433	-433	433	0	433
Petrochemical Feedstocks	0	0	-	37	104	-67	104	37	67
Naphtha for Petrochemical Feedstock Use	0	0	-	37	94	-57	94	37	57
Other Oils for Petrochemical Feedstock Use	0	0	-	0	10	-10	10	0	10
Special Naphthas	0	0	-	10	0	10	0	10	-10
Lubricants	311	0	311	200	28	172	18	514	-496
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	656	19	637	124	1,135	-1,011	656	127	529
Asphalt and Road Oil	1,534	2	1,532	427	1,836	-1,408	508	729	-221
Miscellaneous Products	0	0	-	8	0	8	0	8	-8
Total	124,585	18,284	106,300	110,053	165,820	-55,766	116,589	146,764	-30,175

See footnotes at end of table.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, August 2023
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	7,376	29,828	-22,452	3,591	0	3,591
Petroleum Products	16,106	30,858	-14,753	13,374	119	13,255
Natural Gas Liquids	11,519	27,382	-15,863	1,094	0	1,094
Ethane	2,661	8,107	-5,446	—	—	—
Propane	4,531	9,834	-5,303	579	0	579
Normal Butane	1,928	3,913	-1,985	272	0	272
Isobutane	673	1,686	-1,013	244	0	244
Natural Gasoline	1,726	3,843	-2,117	0	0	—
Refinery Olefins	0	0	—	0	0	—
Ethylene	—	—	—	—	—	—
Propylene	0	0	—	0	0	—
Normal Butylene	0	0	—	0	0	—
Isobutylene	0	0	—	0	0	—
Unfinished Oils	0	0	—	0	0	—
Motor Gasoline Blending Components	2,252	1,344	908	3,969	0	3,969
Reformulated - RBOB	—	—	—	1,306	0	1,306
Conventional	2,252	1,344	908	2,663	0	2,663
CBOB	2,252	1,344	908	2,663	0	2,663
GTAB	—	—	—	—	—	—
Other	0	0	—	0	0	—
Biofuels (including Fuel Ethanol)	536	334	202	6,150	12	6,138
Fuel Ethanol	460	29	430	3,755	0	3,755
Biodiesel	70	0	70	370	12	358
Renewable Diesel Fuel	6	305	-299	2,025	0	2,025
Other Biofuels ²	0	0	—	0	0	—
Finished Motor Gasoline	145	453	-308	124	0	124
Reformulated	—	—	—	0	0	—
Reformulated Blended with Fuel Ethanol	—	—	—	0	0	—
Reformulated Other	—	—	—	—	—	—
Conventional	145	453	-308	124	0	124
Conventional Blended with Fuel Ethanol	0	0	—	0	0	—
Ed55 and Lower	0	0	—	0	0	—
Greater than Ed55	0	0	—	0	0	—
Conventional Other	145	453	-308	124	0	124
Finished Aviation Gasoline	0	0	—	0	0	—
Kerosene-Type Jet Fuel	815	27	788	274	0	274
Kerosene	0	0	—	0	0	—
Distillate Fuel Oil	780	631	149	1,073	0	1,073
15 ppm sulfur and under	780	631	149	1,073	0	1,073
Greater than 15 ppm to 500 ppm sulfur	0	0	—	0	0	—
Greater than 500 ppm sulfur	0	0	—	0	0	—
Residual Fuel Oil	0	0	—	0	0	—
Petrochemical Feedstocks	0	0	—	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	—	—	—
Other Oils for Petrochemical Feedstock Use	0	0	—	0	0	—
Special Naphthas	—	—	—	0	0	—
Lubricants	0	0	—	13	0	13
Waxes	0	0	—	0	0	—
Marketable Petroleum Coke	36	157	-121	60	94	-34
Asphalt and Road Oil	23	530	-507	616	13	604
Miscellaneous Products	0	0	—	0	0	—
Total	23,482	60,687	-37,205	16,964	119	16,846

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, renewable diesel fuel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Forms EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, September 2023
(Thousand Barrels)

Commodity	PAD District 1			PAD District 2			PAD District 3		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	1,402	575	827	45,294	76,042	-30,748	64,756	18,480	46,276
Petroleum Products	118,076	17,345	100,731	61,020	91,175	-30,155	54,230	123,278	-69,048
Natural Gas Liquids	8,708	8,123	585	41,510	58,063	-16,553	43,790	12,717	31,074
Ethane	288	6,240	-5,952	13,726	21,087	-7,361	20,101	1,018	19,083
Propane	6,391	1,048	5,343	10,679	21,016	-10,336	12,597	2,918	9,679
Normal Butane	1,912	295	1,617	4,031	8,187	-4,156	4,708	451	4,258
Isobutane	118	531	-413	3,050	2,378	671	1,911	1,302	609
Natural Gasoline	0	9	-9	10,024	5,395	4,629	4,473	7,028	-2,555
Refinery Olefins	220	0	220	0	833	-833	612	0	612
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	220	0	220	0	833	-833	612	0	612
Normal Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	300	21	279	73	662	-589	662	352	310
Motor Gasoline Blending Components	57,919	6,181	51,738	11,166	4,426	6,740	1,278	63,922	-62,644
Reformulated - RBOB	6,067	0	6,067	2,250	203	2,047	0	9,293	-9,293
Conventional	51,852	6,181	45,671	8,916	4,223	4,693	1,278	54,629	-53,351
CBOB	50,848	6,181	44,667	8,464	4,120	4,344	1,175	53,173	-51,998
GTAB	0	0	-	-	-	-	0	0	-
Other	1,004	0	1,004	452	103	349	103	1,456	-1,353
Biofuels (including Fuel Ethanol)	9,069	0	9,069	0	19,323	-19,323	5,046	2,224	2,822
Fuel Ethanol	9,007	0	9,007	0	18,249	-18,249	4,836	196	4,640
Biodiesel	62	0	62	0	546	-546	210	16	194
Renewable Diesel Fuel	0	0	0	0	528	-528	0	2,012	-2,012
Other Biofuels ²	0	0	0	0	0	-	0	0	0
Finished Motor Gasoline	2,284	66	2,218	721	980	-259	150	1,809	-1,659
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	0	0	-	0	0	-	0	0	-
Conventional	2,284	66	2,218	721	980	-259	150	1,809	-1,659
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	2,284	66	2,218	721	980	-259	150	1,809	-1,659
Finished Aviation Gasoline	88	0	88	25	0	25	0	113	-113
Kerosene-Type Jet Fuel	14,666	357	14,309	1,617	972	645	138	16,009	-15,871
Kerosene	174	0	174	0	0	-	0	174	-174
Distillate Fuel Oil	22,940	2,566	20,374	5,369	2,775	2,594	622	24,933	-24,311
15 ppm sulfur and under	22,742	2,566	20,176	5,232	2,775	2,457	622	24,598	-23,976
Greater than 15 ppm to 500 ppm sulfur	0	0	-	137	0	137	0	137	-137
Greater than 500 ppm sulfur	198	0	198	0	0	-	0	198	-198
Residual Fuel Oil	0	0	-	0	239	-239	239	0	239
Petrochemical Feedstocks	0	0	-	45	145	-100	145	45	100
Naphtha for Petrochemical Feedstock Use	-	-	-	45	78	-33	78	45	33
Other Oils for Petrochemical Feedstock Use	0	0	-	0	67	-67	67	0	67
Special Naphthas	0	0	-	17	0	17	0	17	-17
Lubricants	264	0	264	90	41	49	0	352	-352
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	273	16	257	105	1,313	-1,208	1,093	54	1,039
Asphalt and Road Oil	1,171	16	1,155	275	1,404	-1,128	454	550	-96
Miscellaneous Products	0	0	-	7	0	7	0	7	-7
Total	119,477	17,920	101,557	106,314	167,218	-60,903	118,986	141,758	-22,772

See footnotes at end of table.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, September 2023
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	8,062	27,332	-19,270	2,916	0	2,916
Petroleum Products	15,412	31,109	-15,697	14,248	78	14,170
Natural Gas Liquids	11,506	27,491	-15,985	879	0	879
Ethane	2,635	8,405	-5,770	—	—	—
Propane	4,590	9,709	-5,119	434	0	434
Normal Butane	1,907	3,955	-2,048	330	0	330
Isobutane	668	1,650	-982	115	0	115
Natural Gasoline	1,706	3,771	-2,065	0	0	—
Refinery Olefins	0	0	—	0	0	—
Ethylene	—	—	—	—	—	—
Propylene	0	0	—	0	0	—
Normal Butylene	0	0	—	0	0	—
Isobutylene	0	0	—	0	0	—
Unfinished Oils	0	0	—	0	0	—
Motor Gasoline Blending Components	1,739	1,330	409	3,757	0	3,757
Reformulated - RBOB	203	0	203	976	0	976
Conventional	1,536	1,330	206	2,781	0	2,781
CBOB	1,536	1,330	206	2,781	0	2,781
GTAB	—	—	—	0	0	—
Other	0	0	—	0	0	—
Biofuels (including Fuel Ethanol)	444	424	20	7,436	24	7,412
Fuel Ethanol	398	13	385	4,217	0	4,217
Biodiesel	46	0	46	268	24	244
Renewable Diesel Fuel	0	411	-411	2,951	0	2,951
Other Biofuels ²	0	0	—	0	0	—
Finished Motor Gasoline	113	516	-403	103	0	103
Reformulated	0	0	—	0	0	—
Reformulated Blended with Fuel Ethanol	0	0	—	0	0	—
Reformulated Other	—	—	—	—	—	—
Conventional	113	516	-403	103	0	103
Conventional Blended with Fuel Ethanol	0	0	—	0	0	—
Ed55 and Lower	0	0	—	0	0	—
Greater than Ed55	0	0	—	0	0	—
Conventional Other	113	516	-403	103	0	103
Finished Aviation Gasoline	0	0	—	0	0	—
Kerosene-Type Jet Fuel	700	21	679	238	0	238
Kerosene	0	0	—	0	0	—
Distillate Fuel Oil	847	615	232	1,111	0	1,111
15 ppm sulfur and under	847	615	232	1,111	0	1,111
Greater than 15 ppm to 500 ppm sulfur	0	0	—	0	0	—
Greater than 500 ppm sulfur	0	0	—	0	0	—
Residual Fuel Oil	0	0	—	0	0	—
Petrochemical Feedstocks	0	0	—	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	0	0	—
Other Oils for Petrochemical Feedstock Use	0	0	—	0	0	—
Special Naphthas	—	—	—	0	0	—
Lubricants	0	0	—	39	0	39
Waxes	0	0	—	0	0	—
Marketable Petroleum Coke	29	242	-212	173	48	125
Asphalt and Road Oil	33	470	-437	511	5	506
Miscellaneous Products	0	0	—	0	0	—
Total	23,474	58,441	-34,967	17,164	78	17,086

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, renewable diesel fuel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Forms EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, October 2023
(Thousand Barrels)

Commodity	PAD District 1			PAD District 2			PAD District 3		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	1,250	469	781	48,875	81,996	-33,121	70,332	20,345	49,987
Petroleum Products	128,894	16,448	112,446	60,200	93,889	-33,689	56,294	133,432	-77,137
Natural Gas Liquids	10,278	7,132	3,147	41,301	59,931	-18,629	44,268	13,358	30,910
Ethane	170	5,250	-5,080	13,085	21,485	-8,400	20,627	975	19,652
Propane	8,016	1,036	6,980	10,430	22,863	-12,433	13,145	2,849	10,296
Normal Butane	2,093	319	1,774	4,366	8,204	-3,839	4,371	876	3,495
Isobutane	0	520	-520	2,579	2,220	360	1,907	813	1,094
Natural Gasoline	0	6	-6	10,841	5,159	5,682	4,218	7,845	-3,627
Refinery Olefins	260	0	260	0	743	-743	483	0	483
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	260	0	260	0	743	-743	483	0	483
Normal Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	36	20	16	30	880	-850	968	46	922
Motor Gasoline Blending Components	61,842	6,136	55,706	9,440	3,500	5,940	1,147	67,116	-65,969
Reformulated - RBOB	7,908	0	7,908	1,566	342	1,224	0	11,392	-11,392
Conventional	53,934	6,136	47,798	7,874	3,158	4,716	1,147	55,724	-54,577
CBOB	53,420	6,136	47,284	7,409	2,927	4,482	916	54,745	-53,829
GTAB	0	0	-	-	-	-	0	0	-
Other	514	0	514	465	231	234	231	979	-748
Biofuels (including Fuel Ethanol)	9,366	0	9,366	50	20,581	-20,531	6,187	2,724	3,463
Fuel Ethanol	9,246	0	9,246	0	19,536	-19,536	5,989	617	5,372
Biodiesel	100	0	100	47	661	-614	198	87	111
Renewable Diesel Fuel	20	0	20	3	384	-381	0	2,021	-2,021
Other Biofuels ²	-	-	-	0	0	-	0	0	0
Finished Motor Gasoline	2,363	55	2,308	577	1,132	-555	178	1,565	-1,387
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	0	0	-	0	0	-	0	0	-
Conventional	2,363	55	2,308	577	1,132	-555	178	1,565	-1,387
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	2,363	55	2,308	577	1,132	-555	178	1,565	-1,387
Finished Aviation Gasoline	43	0	43	25	0	25	0	68	-68
Kerosene-Type Jet Fuel	17,615	456	17,159	2,006	1,155	851	30	19,221	-19,191
Kerosene	0	0	-	0	0	-	0	0	-
Distillate Fuel Oil	25,082	2,619	22,463	5,883	2,517	3,366	820	28,155	-27,335
15 ppm sulfur and under	24,894	2,619	22,275	5,788	2,517	3,271	820	27,872	-27,052
Greater than 15 ppm to 500 ppm sulfur	0	0	-	95	0	95	0	95	-95
Greater than 500 ppm sulfur	188	0	188	0	0	-	0	188	-188
Residual Fuel Oil	0	0	-	0	714	-714	714	0	714
Petrochemical Feedstocks	0	0	-	36	81	-45	81	36	45
Naphtha for Petrochemical Feedstock Use	0	0	-	36	81	-45	81	36	45
Other Oils for Petrochemical Feedstock Use	0	0	-	0	0	-	0	0	-
Special Naphthas	0	0	-	17	0	17	0	17	-17
Lubricants	316	0	316	208	21	187	0	503	-503
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	139	12	127	409	714	-305	700	86	614
Asphalt and Road Oil	1,553	18	1,535	204	1,921	-1,717	719	522	196
Miscellaneous Products	0	0	-	14	0	14	0	14	-14
Total	130,144	16,917	113,227	109,075	175,885	-66,810	126,626	153,777	-27,150

See footnotes at end of table.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, October 2023
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	8,383	29,456	-21,073	3,426	0	3,426
Petroleum Products	14,718	33,085	-18,368	16,916	167	16,748
Natural Gas Liquids	11,637	28,846	-17,209	1,781	0	1,781
Ethane	2,846	9,018	-6,172	0	0	-
Propane	4,598	10,047	-5,449	606	0	606
Normal Butane	1,887	4,378	-2,491	1,061	0	1,061
Isobutane	670	1,718	-1,048	114	0	114
Natural Gasoline	1,636	3,685	-2,049	0	0	-
Refinery Olefins	0	0	-	0	0	-
Ethylene	-	-	-	-	-	-
Propylene	0	0	-	0	0	-
Normal Butylene	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-
Unfinished Oils	0	0	-	0	88	-88
Motor Gasoline Blending Components	949	1,454	-505	4,828	0	4,828
Reformulated - RBOB	342	0	342	1,918	0	1,918
Conventional	607	1,454	-847	2,910	0	2,910
CBOB	607	1,454	-847	2,910	0	2,910
GTAB	-	-	-	-	-	-
Other	0	0	-	0	0	-
Biofuels (including Fuel Ethanol)	430	436	-6	7,711	3	7,708
Fuel Ethanol	405	42	363	4,555	0	4,555
Biodiesel	22	0	22	384	3	381
Renewable Diesel Fuel	3	394	-391	2,773	0	2,773
Other Biofuels ²	0	0	-	0	0	0
Finished Motor Gasoline	0	461	-461	95	0	95
Reformulated	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	461	-461	95	0	95
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-
Greater than Ed55	-	-	-	0	0	-
Conventional Other	0	461	-461	95	0	95
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	885	71	814	367	0	367
Kerosene	0	0	-	0	0	-
Distillate Fuel Oil	772	822	-50	1,556	0	1,556
15 ppm sulfur and under	772	822	-50	1,556	0	1,556
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	0	-
Greater than 500 ppm sulfur	0	0	-	0	0	-
Residual Fuel Oil	0	0	-	0	0	-
Petrochemical Feedstocks	0	0	-	0	0	-
Naphtha for Petrochemical Feedstock Use	-	-	-	0	0	-
Other Oils for Petrochemical Feedstock Use	0	0	-	0	0	-
Special Naphthas	-	-	-	0	0	-
Lubricants	0	0	-	0	0	-
Waxes	0	0	-	0	0	-
Marketable Petroleum Coke	3	441	-438	73	71	2
Asphalt and Road Oil	41	554	-514	504	5	499
Miscellaneous Products	0	0	-	0	0	-
Total	23,101	62,541	-39,441	20,342	167	20,174

- = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, renewable diesel fuel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Forms EIA-812, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, November 2023
(Thousand Barrels)

Commodity	PAD District 1			PAD District 2			PAD District 3		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	2,226	411	1,815	52,377	77,526	-25,149	67,252	24,612	42,640
Petroleum Products	127,960	17,504	110,457	60,695	91,821	-31,126	54,880	133,669	-78,789
Natural Gas Liquids	8,878	7,829	1,049	41,703	57,237	-15,534	41,576	13,462	28,114
Ethane	0	6,022	-6,022	13,460	20,734	-7,274	19,244	988	18,256
Propane	6,893	1,056	5,837	11,011	21,290	-10,279	12,679	3,510	9,169
Normal Butane	1,941	225	1,716	4,254	8,122	-3,868	3,923	755	3,169
Isobutane	44	519	-475	2,843	2,303	540	1,984	1,065	920
Natural Gasoline	0	7	-7	10,136	4,788	5,348	3,745	7,144	-3,399
Refinery Olefins	188	0	188	0	735	-735	547	0	547
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	188	0	188	0	735	-735	547	0	547
Normal Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	33	20	13	30	1,761	-1,731	1,761	43	1,718
Motor Gasoline Blending Components	60,445	6,090	54,355	9,347	3,373	5,974	1,302	65,929	-64,627
Reformulated - RBOB	7,631	0	7,631	688	320	368	0	10,401	-10,401
Conventional	52,814	6,090	46,724	8,659	3,053	5,606	1,302	55,528	-54,226
CBOB	52,251	6,090	46,161	7,824	2,932	4,892	1,181	54,130	-52,949
GTAB	0	0	-	-	-	-	0	0	-
Other	563	0	563	835	121	714	121	1,398	-1,277
Biofuels (including Fuel Ethanol)	9,396	0	9,396	3	20,619	-20,616	6,419	2,621	3,798
Fuel Ethanol	9,269	0	9,269	0	19,389	-19,389	6,132	563	5,569
Biodiesel	117	0	117	0	882	-882	286	9	277
Renewable Diesel Fuel	10	0	10	3	347	-344	0	2,048	-2,048
Other Biofuels ²	-	-	-	0	0	-	0	0	0
Finished Motor Gasoline	2,313	69	2,244	1,110	742	368	28	2,263	-2,235
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	0	0	-	0	0	-	0	0	-
Conventional	2,313	69	2,244	1,110	742	368	28	2,263	-2,235
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	2,313	69	2,244	1,110	742	368	28	2,263	-2,235
Finished Aviation Gasoline	319	0	319	25	0	25	0	344	-344
Kerosene-Type Jet Fuel	16,053	675	15,378	2,587	1,087	1,500	300	18,168	-17,868
Kerosene	108	0	108	0	0	-	0	108	-108
Distillate Fuel Oil	28,082	2,782	25,300	5,224	2,723	2,501	734	29,602	-28,868
15 ppm sulfur and under	27,794	2,782	25,012	5,098	2,723	2,375	734	29,188	-28,454
Greater than 15 ppm to 500 ppm sulfur	0	0	-	126	0	126	0	126	-126
Greater than 500 ppm sulfur	288	0	288	0	0	-	0	288	-288
Residual Fuel Oil	0	0	-	0	621	-621	621	0	621
Petrochemical Feedstocks	0	0	-	18	68	-50	68	18	50
Naphtha for Petrochemical Feedstock Use	0	0	-	18	42	-24	42	18	24
Other Oils for Petrochemical Feedstock Use	0	0	-	0	26	-26	26	0	26
Special Naphthas	148	0	148	31	0	31	0	179	-179
Lubricants	337	0	337	130	0	130	0	467	-467
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	781	3	777	332	1,496	-1,164	825	96	729
Asphalt and Road Oil	880	36	844	148	1,359	-1,212	700	363	336
Miscellaneous Products	0	0	-	7	0	7	0	7	-7
Total	130,186	17,915	112,271	113,072	169,347	-56,275	122,133	158,281	-36,149

See footnotes at end of table.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, November 2023
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	8,062	30,947	-22,885	3,579	0	3,579
Petroleum Products	15,069	32,467	-17,398	16,894	37	16,856
Natural Gas Liquids	12,167	28,321	-16,154	2,524	0	2,524
Ethane	2,990	7,950	-4,960	0	0	-
Propane	4,749	10,184	-5,435	709	0	709
Normal Butane	1,979	4,557	-2,578	1,561	0	1,561
Isobutane	707	1,946	-1,239	254	0	254
Natural Gasoline	1,742	3,684	-1,942	0	0	-
Refinery Olefins	0	0	-	0	0	-
Ethylene	-	-	-	-	-	-
Propylene	0	0	-	0	0	-
Normal Butylene	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-
Unfinished Oils	0	0	-	0	0	-
Motor Gasoline Blending Components	805	1,337	-532	4,830	0	4,830
Reformulated - RBOB	320	0	320	2,082	0	2,082
Conventional	485	1,337	-852	2,748	0	2,748
CBOB	485	1,337	-852	2,748	0	2,748
GTAB	-	-	-	-	-	-
Other	0	0	-	0	0	-
Biofuels (including Fuel Ethanol)	401	417	-16	7,438	0	7,438
Fuel Ethanol	385	78	307	4,244	0	4,244
Biodiesel	17	0	17	472	0	472
Renewable Diesel Fuel	0	339	-339	2,721	0	2,721
Other Biofuels ²	0	0	-	0	0	0
Finished Motor Gasoline	0	444	-444	67	0	67
Reformulated	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	444	-444	67	0	67
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-
Greater than Ed55	-	-	-	0	0	-
Conventional Other	0	444	-444	67	0	67
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	820	52	768	222	0	222
Kerosene	0	0	-	0	0	-
Distillate Fuel Oil	813	776	37	1,030	0	1,030
15 ppm sulfur and under	813	776	37	1,030	0	1,030
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	0	-
Greater than 500 ppm sulfur	0	0	-	0	0	-
Residual Fuel Oil	0	0	-	0	0	-
Petrochemical Feedstocks	0	0	-	0	0	-
Naphtha for Petrochemical Feedstock Use	-	-	-	0	0	-
Other Oils for Petrochemical Feedstock Use	0	0	-	0	0	-
Special Naphthas	-	-	-	0	0	-
Lubricants	0	0	-	0	0	-
Waxes	0	0	-	0	0	-
Marketable Petroleum Coke	7	514	-507	196	32	164
Asphalt and Road Oil	56	606	-550	587	5	582
Miscellaneous Products	0	0	-	0	0	-
Total	23,131	63,414	-40,283	20,473	37	20,436

- = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, renewable diesel fuel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Forms EIA-812, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, December 2023
(Thousand Barrels)

Commodity	PAD District 1			PAD District 2			PAD District 3		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	2,151	586	1,565	53,214	75,661	-22,447	65,064	23,163	41,901
Petroleum Products	134,344	16,019	118,325	57,632	95,659	-38,027	55,781	135,012	-79,231
Natural Gas Liquids	10,819	7,677	3,142	41,820	56,735	-14,916	40,150	14,127	26,023
Ethane	13	5,743	-5,730	12,682	17,718	-5,036	16,710	976	15,734
Propane	8,794	1,093	7,701	11,371	23,435	-12,064	13,336	3,959	9,377
Normal Butane	1,890	312	1,578	4,550	8,193	-3,643	4,089	809	3,280
Isobutane	122	522	-400	2,731	2,567	165	2,185	964	1,221
Natural Gasoline	0	7	-7	10,485	4,822	5,663	3,830	7,418	-3,588
Refinery Olefins	160	0	160	0	631	-631	471	0	471
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	160	0	160	0	631	-631	471	0	471
Normal Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	47	60	-13	121	1,315	-1,194	1,315	108	1,207
Motor Gasoline Blending Components	61,518	5,335	56,183	8,498	4,058	4,440	1,507	66,869	-65,362
Reformulated - RBOB	8,181	0	8,181	980	865	115	222	11,259	-11,037
Conventional	53,337	5,335	48,002	7,518	3,193	4,325	1,285	55,610	-54,325
CBOB	52,997	5,335	47,662	6,865	2,973	3,892	1,065	54,617	-53,552
GTAB	0	0	-	-	-	-	0	0	-
Other	340	0	340	653	220	433	220	993	-773
Biofuels (including Fuel Ethanol)	11,193	0	11,193	0	23,389	-23,389	7,645	1,986	5,659
Fuel Ethanol	11,028	0	11,028	0	22,160	-22,160	7,373	281	7,092
Biodiesel	165	0	165	0	861	-861	272	22	250
Renewable Diesel Fuel	0	0	-	0	368	-368	0	1,683	-1,683
Other Biofuels ²	-	-	-	0	0	-	0	0	-
Finished Motor Gasoline	2,435	68	2,367	652	1,343	-691	760	1,995	-1,235
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	-	-	-	0	0	-	0	0	-
Conventional	2,435	68	2,367	652	1,343	-691	760	1,995	-1,235
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	2,435	68	2,367	652	1,343	-691	760	1,995	-1,235
Finished Aviation Gasoline	37	0	37	45	0	45	0	82	-82
Kerosene-Type Jet Fuel	15,747	434	15,313	1,887	1,005	882	47	17,254	-17,207
Kerosene	109	0	109	0	0	-	0	109	-109
Distillate Fuel Oil	30,337	2,357	27,980	4,140	3,004	1,136	886	31,305	-30,419
15 ppm sulfur and under	30,123	2,357	27,766	3,936	3,004	932	886	30,887	-30,001
Greater than 15 ppm to 500 ppm sulfur	0	0	-	133	0	133	0	133	-133
Greater than 500 ppm sulfur	214	0	214	71	0	71	0	285	-285
Residual Fuel Oil	57	0	57	0	955	-955	955	57	898
Petrochemical Feedstocks	0	0	-	18	85	-67	85	18	67
Naphtha for Petrochemical Feedstock Use	0	0	-	18	85	-67	85	18	67
Other Oils for Petrochemical Feedstock Use	0	0	-	0	0	-	0	0	-
Special Naphthas	0	0	-	15	0	15	0	15	-15
Lubricants	362	0	362	159	19	140	19	521	-502
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	427	3	424	38	1,708	-1,670	1,337	64	1,273
Asphalt and Road Oil	1,097	85	1,011	219	1,412	-1,193	605	483	121
Miscellaneous Products	0	0	-	20	0	20	0	20	-20
Total	136,496	16,605	119,890	110,846	171,320	-60,474	120,845	158,175	-37,330

See footnotes at end of table.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, December 2023
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	8,508	33,209	-24,701	3,681	0	3,681
Petroleum Products	14,780	32,047	-17,267	16,392	190	16,201
Natural Gas Liquids	11,645	28,044	-16,399	2,150	0	2,150
Ethane	2,497	7,465	-4,968	—	—	—
Propane	4,804	10,396	-5,592	578	0	578
Normal Butane	1,962	4,467	-2,505	1,291	0	1,291
Isobutane	693	1,959	-1,266	281	0	281
Natural Gasoline	1,689	3,757	-2,068	0	0	—
Refinery Olefins	0	0	—	0	0	—
Ethylene	—	—	—	—	—	—
Propylene	0	0	—	0	0	—
Normal Butylene	0	0	—	0	0	—
Isobutylene	0	0	—	0	0	—
Unfinished Oils	0	0	—	0	0	—
Motor Gasoline Blending Components	1,035	1,529	-494	5,233	0	5,233
Reformulated - RBOB	643	0	643	2,098	0	2,098
Conventional	392	1,529	-1,137	3,135	0	3,135
CBOB	392	1,529	-1,137	3,135	0	3,135
GTAB	—	—	—	—	—	—
Other	0	0	—	0	0	—
Biofuels (including Fuel Ethanol)	463	402	61	6,479	3	6,476
Fuel Ethanol	432	81	351	3,689	0	3,689
Biodiesel	25	0	25	425	3	422
Renewable Diesel Fuel	6	321	-315	2,365	0	2,365
Other Biofuels ²	0	0	—	0	0	—
Finished Motor Gasoline	0	525	-525	84	0	84
Reformulated	0	0	—	0	0	—
Reformulated Blended with Fuel Ethanol	0	0	—	0	0	—
Reformulated Other	—	—	—	—	—	—
Conventional	0	525	-525	84	0	84
Conventional Blended with Fuel Ethanol	0	0	—	0	0	—
Ed55 and Lower	0	0	—	0	0	—
Greater than Ed55	—	—	—	0	0	—
Conventional Other	0	525	-525	84	0	84
Finished Aviation Gasoline	0	0	—	0	0	—
Kerosene-Type Jet Fuel	809	18	791	271	50	221
Kerosene	0	0	—	0	0	—
Distillate Fuel Oil	691	740	-49	1,352	0	1,352
15 ppm sulfur and under	691	740	-49	1,352	0	1,352
Greater than 15 ppm to 500 ppm sulfur	0	0	—	0	0	—
Greater than 500 ppm sulfur	0	0	—	0	0	—
Residual Fuel Oil	0	0	—	0	0	—
Petrochemical Feedstocks	0	0	—	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	—	—	—
Other Oils for Petrochemical Feedstock Use	0	0	—	0	0	—
Special Naphthas	0	0	—	0	0	—
Lubricants	0	0	—	0	0	—
Waxes	—	—	—	0	0	—
Marketable Petroleum Coke	91	408	-318	410	120	291
Asphalt and Road Oil	46	381	-335	413	18	395
Miscellaneous Products	0	0	—	0	0	—
Total	23,288	65,256	-41,968	20,073	190	19,882

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, renewable diesel fuel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Forms EIA-812, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.