

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

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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.

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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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

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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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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.

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, 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					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	1,867	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.