

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January 2022
(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	25,633	281	--	--	11,882	-19,357	-805	-582	18,217	--	0	23,746
Hydrocarbon Gas Liquids	15,228	-179	-12	151	618	-14,740	--	-886	638	53	1,260	6,295
Natural Gas Liquids	15,228	-179	-12	31	618	-14,740	--	-949	638	53	1,203	6,156
Ethane	4,450	--	--	--	--	-5,027	--	14	--	1	-592	1,313
Propane	5,535	--	--	238	541	-5,015	--	-372	--	1	1,670	2,461
Normal Butane	2,176	--	--	-235	73	-1,886	--	-637	349	0	416	1,184
Isobutane	947	--	--	28	4	-1,054	--	40	177	--	-292	478
Natural Gasoline	2,120	-179	-12	--	--	-1,759	--	6	112	52	0	720
Refinery Olefins	--	--	--	120	--	--	--	63	--	--	57	139
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	51	--	--	--	0	--	--	51	3
Normal Butylene	--	--	--	69	--	--	--	63	--	--	6	136
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-102	715	--	10	620	104	751	419	0	177	10,514
Hydrogen/Biofuels/Other Hydrocarbons	--	--	715	--	7	274	369	69	1,119	--	177	489
Hydrogen	--	--	--	--	--	--	236	--	236	--	0	--
Biofuels (including Fuel Ethanol)	--	--	715	--	7	274	133	69	883	--	177	489
Fuel Ethanol	--	--	455	--	7	259	133	41	814	--	0	421
Biofuels (excluding Fuel Ethanol) ⁶	--	--	260	--	--	14	--	28	69	--	177	69
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-102	--	--	--	--	--	1	-103	0	0	2,779
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	3	346	-265	681	-597	--	0	7,246
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	3	346	-265	681	-597	--	0	7,246
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	20,052	269	-646	132	236	--	11	19,559	8,971
Finished Motor Gasoline	--	--	--	9,892	--	-464	132	82	--	1	9,476	1,664
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	9,892	--	-464	132	82	--	1	9,476	1,664
Finished Aviation Gasoline	--	--	--	4	1	--	--	0	--	--	5	9
Kerosene-Type Jet Fuel	--	--	--	984	53	746	--	170	--	--	1,613	862
Kerosene	--	--	--	2	--	--	--	1	--	--	1	2
Distillate Fuel Oil	--	--	0	6,217	160	-266	--	-381	--	0	6,492	4,145
15 ppm sulfur and under	--	--	0	6,193	160	-266	--	-368	--	0	6,455	3,929
Greater than 15 to 500 ppm sulfur	--	--	--	47	--	--	--	10	--	--	37	173
Greater than 500 ppm sulfur	--	--	--	-23	--	--	--	-23	--	--	0	43
Residual Fuel Oil	--	--	--	325	--	--	--	11	--	--	314	223
Less than 0.31 percent sulfur	--	--	--	180	--	--	--	1	--	NA	NA	23
0.31 to 1.00 percent sulfur	--	--	--	48	--	--	--	19	--	NA	NA	23
Greater than 1.00 percent sulfur	--	--	--	97	--	--	--	-9	--	NA	NA	177
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	10	-10	--
Waxes	--	--	--	--	--	--	--	--	--	--	--	--
Petroleum Coke	--	--	--	689	--	-290	--	64	--	--	335	201
Marketable	--	--	--	468	--	-290	--	64	--	--	114	201
Catalyst	--	--	--	221	--	--	--	--	--	--	221	--
Asphalt and Road Oil	--	--	--	1,110	55	-372	--	287	--	0	505	1,846
Still Gas	--	--	--	685	--	--	--	--	--	--	685	--
Miscellaneous Products	--	--	--	144	--	--	--	2	--	--	142	19
Total	40,861	0	703	20,203	12,779	-34,124	-569	-481	19,274	65	20,996	49,526

-- = 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 biodiesel, renewable diesel fuel, 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 Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." 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 2022
(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	23,555	241	--	--	11,155	-16,917	-1,693	314	16,027	--	0	24,060
Hydrocarbon Gas Liquids	14,639	-141	-9	305	545	-14,226	--	-232	446	39	859	6,063
Natural Gas Liquids	14,639	-141	-9	114	545	-14,226	--	-337	446	39	773	5,819
Ethane	4,693	--	--	--	--	-4,967	--	83	--	--	-357	1,396
Propane	5,136	--	--	203	516	-4,658	--	-325	--	0	1,521	2,136
Normal Butane	2,029	--	--	-107	29	-1,868	--	-15	184	1	-88	1,169
Isobutane	860	--	--	18	--	-1,063	--	-28	147	--	-304	450
Natural Gasoline	1,921	-141	-9	--	--	-1,670	--	-52	115	37	0	668
Refinery Olefins	--	--	--	191	--	--	--	105	--	--	86	244
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	46	--	--	--	-1	--	--	47	2
Normal Butylene	--	--	--	145	--	--	--	106	--	--	39	242
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-100	639	--	20	316	264	-553	1,497	1	194	9,962
Hydrogen/Biofuels/Other Hydrocarbons	--	--	639	--	1	217	400	-30	1,092	1	194	460
Hydrogen	--	--	--	--	--	--	232	--	232	--	0	--
Biofuels (including Fuel Ethanol)	--	--	639	--	1	217	168	-30	860	1	194	460
Fuel Ethanol	--	--	395	--	--	194	168	-36	793	1	0	384
Biofuels (excluding Fuel Ethanol) ⁶	--	--	245	--	1	23	--	7	67	1	194	76
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-100	--	--	--	--	--	2	-102	0	0	2,781
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	19	99	-136	-525	507	--	0	6,721
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	19	99	-136	-525	507	--	0	6,721
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	18,409	303	-277	-32	192	--	13	18,197	9,163
Finished Motor Gasoline	--	--	--	9,322	--	-382	-32	-83	--	0	8,990	1,581
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	9,322	--	-382	-32	-83	--	0	8,990	1,581
Finished Aviation Gasoline	--	--	--	4	--	--	--	0	--	--	4	9
Kerosene-Type Jet Fuel	--	--	--	888	7	496	--	-192	--	--	1,583	670
Kerosene	--	--	--	--	--	--	--	0	--	--	0	2
Distillate Fuel Oil	--	--	0	5,634	176	124	--	174	--	--	5,759	4,319
15 ppm sulfur and under	--	--	0	5,572	176	124	--	176	--	--	5,695	4,105
Greater than 15 to 500 ppm sulfur	--	--	--	42	--	--	--	-22	--	--	64	151
Greater than 500 ppm sulfur	--	--	--	20	--	--	--	20	--	--	0	63
Residual Fuel Oil	--	--	--	332	16	--	--	28	--	--	320	251
Less than 0.31 percent sulfur	--	--	--	165	--	--	--	-1	--	NA	NA	22
0.31 to 1.00 percent sulfur	--	--	--	39	--	--	--	15	--	NA	NA	38
Greater than 1.00 percent sulfur	--	--	--	128	16	--	--	14	--	NA	NA	191
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	12	-12	--
Waxes	--	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	--	681	--	-135	--	3	--	--	543	204
Marketable	--	--	--	464	--	-135	--	3	--	--	326	204
Catalyst	--	--	--	217	--	--	--	--	--	--	217	--
Asphalt and Road Oil	--	--	--	789	104	-380	--	260	--	1	252	2,106
Still Gas	--	--	--	632	--	--	--	--	--	--	632	--
Miscellaneous Products	--	--	--	127	--	--	--	2	--	--	125	21
Total	38,194	0	630	18,714	12,023	-31,104	-1,461	-278	17,970	53	19,250	49,248

-- = 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 Includes biodiesel, renewable diesel fuel, 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 Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." 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 2022
(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	26,649	373	--	--	13,505	-18,760	-2,650	1,638	17,479	--	0	25,698
Hydrocarbon Gas Liquids	17,641	-209	-11	375	396	-16,111	--	-18	520	58	1,520	6,045
Natural Gas Liquids	17,641	-209	-11	228	396	-16,111	--	29	520	58	1,326	5,848
Ethane	6,320	--	--	--	--	-6,117	--	235	--	--	-32	1,631
Propane	5,832	--	--	229	376	-5,169	--	-251	--	3	1,516	1,885
Normal Butane	2,317	--	--	6	20	-1,917	--	119	225	1	81	1,288
Isobutane	975	--	--	-7	--	-1,085	--	-40	162	--	-239	410
Natural Gasoline	2,197	-209	-11	--	--	-1,823	--	-34	133	55	0	634
Refinery Olefins	--	--	--	147	--	--	--	-47	--	--	194	197
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	46	--	--	--	0	--	--	46	2
Normal Butylene	--	--	--	101	--	--	--	-47	--	--	148	195
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-164	682	--	40	960	-5	-287	1,604	2	195	9,675
Hydrogen/Biofuels/Other Hydrocarbons	--	--	682	--	4	329	370	1	1,188	1	195	461
Hydrogen	--	--	--	--	--	--	242	--	242	--	0	--
Biofuels (including Fuel Ethanol)	--	--	682	--	4	329	128	1	946	1	195	461
Fuel Ethanol	--	--	445	--	--	309	128	-3	883	1	0	381
Biofuels (excluding Fuel Ethanol) ⁶	--	--	237	--	4	20	--	4	63	--	195	80
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-164	--	--	--	--	--	-87	-77	0	0	2,694
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	36	631	-375	-201	493	0	0	6,520
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	36	631	-375	-201	493	0	0	6,520
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	20,051	243	-556	247	-636	--	23	20,597	8,527
Finished Motor Gasoline	--	--	--	10,254	--	-369	247	-18	--	1	10,149	1,563
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	10,254	--	-369	247	-18	--	1	10,149	1,563
Finished Aviation Gasoline	--	--	--	4	1	--	--	-3	--	--	8	6
Kerosene-Type Jet Fuel	--	--	--	991	38	668	--	-69	--	--	1,766	601
Kerosene	--	--	--	--	--	--	--	0	--	--	0	2
Distillate Fuel Oil	--	--	0	5,990	114	-12	--	-640	--	--	6,731	3,679
15 ppm sulfur and under	--	--	0	5,886	114	-12	--	-640	--	--	6,627	3,465
Greater than 15 to 500 ppm sulfur	--	--	--	115	--	--	--	12	--	--	103	163
Greater than 500 ppm sulfur	--	--	--	-11	--	--	--	-12	--	--	1	51
Residual Fuel Oil	--	--	--	351	--	--	--	-23	--	--	374	228
Less than 0.31 percent sulfur	--	--	--	183	--	--	--	5	--	NA	NA	27
0.31 to 1.00 percent sulfur	--	--	--	23	--	--	--	-14	--	NA	NA	24
Greater than 1.00 percent sulfur	--	--	--	145	--	--	--	-14	--	NA	NA	177
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	21	-21	--
Waxes	--	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	--	734	--	-206	--	-111	--	--	639	93
Marketable	--	--	--	498	--	-206	--	-111	--	--	403	93
Catalyst	--	--	--	236	--	--	--	--	--	--	236	--
Asphalt and Road Oil	--	--	--	978	90	-637	--	235	--	1	195	2,341
Still Gas	--	--	--	616	--	--	--	--	--	--	616	--
Miscellaneous Products	--	--	--	133	--	--	--	-7	--	--	140	14
Total	44,290	0	671	20,426	14,184	-34,467	-2,408	698	19,603	82	22,312	49,946

-- = 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 biodiesel, renewable diesel fuel, 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 Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." 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 2022
(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	25,781	276	--	--	10,956	-20,518	-2,545	-2,506	16,456	--	0	23,192
Hydrocarbon Gas Liquids	16,347	-73	-10	408	276	-15,251	--	177	485	67	969	6,222
Natural Gas Liquids	16,347	-73	-10	287	276	-15,251	--	197	485	67	828	6,045
Ethane	5,409	--	--	--	--	-5,712	--	-281	--	0	-22	1,350
Propane	5,622	--	--	189	264	-4,863	--	179	--	1	1,031	2,064
Normal Butane	2,223	--	--	96	12	-1,822	--	198	180	20	112	1,486
Isobutane	950	--	--	2	--	-1,050	--	36	159	--	-293	446
Natural Gasoline	2,143	-73	-10	--	--	-1,804	--	65	146	45	0	699
Refinery Olefins	--	--	--	121	--	--	--	-20	--	--	141	177
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	39	--	--	--	0	--	--	39	2
Normal Butylene	--	--	--	82	--	--	--	-20	--	--	102	175
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-203	700	--	132	1,046	464	453	1,564	4	117	10,128
Hydrogen/Biofuels/Other Hydrocarbons	--	--	700	--	4	401	295	115	1,164	3	117	576
Hydrogen	--	--	--	--	--	--	210	--	210	--	0	--
Biofuels (including Fuel Ethanol)	--	--	700	--	4	401	85	115	954	3	117	576
Fuel Ethanol	--	--	434	--	--	378	85	21	876	0	0	402
Biofuels (excluding Fuel Ethanol) ⁶	--	--	266	--	4	23	--	94	78	3	117	174
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-203	--	--	37	--	--	419	-585	0	0	3,113
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	91	645	169	-81	985	1	0	6,439
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	91	645	169	-81	985	1	0	6,439
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	18,973	355	261	-254	30	--	14	19,292	8,558
Finished Motor Gasoline	--	--	--	10,079	19	-176	-254	-51	--	1	9,718	1,512
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	10,079	19	-176	-254	-51	--	1	9,718	1,512
Finished Aviation Gasoline	--	--	--	3	--	--	--	-1	--	--	4	5
Kerosene-Type Jet Fuel	--	--	--	1,003	18	668	--	61	--	--	1,628	662
Kerosene	--	--	--	--	--	--	--	0	--	--	0	2
Distillate Fuel Oil	--	--	0	5,510	209	340	--	91	--	0	5,968	3,771
15 ppm sulfur and under	--	--	0	5,401	209	340	--	53	--	0	5,897	3,519
Greater than 15 to 500 ppm sulfur	--	--	--	93	--	--	--	22	--	--	71	185
Greater than 500 ppm sulfur	--	--	--	16	--	--	--	16	--	--	0	67
Residual Fuel Oil	--	--	--	306	15	--	--	-26	--	--	347	202
Less than 0.31 percent sulfur	--	--	--	152	--	--	--	-15	--	NA	NA	12
0.31 to 1.00 percent sulfur	--	--	--	41	--	--	--	10	--	NA	NA	34
Greater than 1.00 percent sulfur	--	--	--	113	15	--	--	-21	--	NA	NA	156
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	11	-11	--
Waxes	--	--	--	--	--	--	--	--	--	--	--	--
Petroleum Coke	--	--	--	553	--	-260	--	-33	--	--	326	60
Marketable	--	--	--	370	--	-260	--	-33	--	--	143	60
Catalyst	--	--	--	183	--	--	--	--	--	--	183	--
Asphalt and Road Oil	--	--	--	795	94	-310	--	-17	--	1	595	2,324
Still Gas	--	--	--	610	--	--	--	--	--	--	610	--
Miscellaneous Products	--	--	--	114	--	--	--	6	--	--	108	20
Total	42,128	0	690	19,381	11,719	-34,461	-2,335	-1,846	18,505	85	20,378	48,100

-- = 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 biodiesel, renewable diesel fuel, 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 Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." 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 2022
(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	26,820	389	--	--	10,415	-19,536	-842	2,540	14,707	0	0	25,732
Hydrocarbon Gas Liquids	17,177	-227	-10	330	267	-15,573	--	587	392	49	936	6,810
Natural Gas Liquids	17,177	-227	-10	251	267	-15,573	--	648	392	49	796	6,694
Ethane	5,820	--	--	--	--	-5,823	--	44	--	--	-47	1,394
Propane	5,759	--	--	161	262	-4,933	--	124	--	--	1,125	2,188
Normal Butane	2,309	--	--	161	5	-1,864	--	507	64	--	40	1,993
Isobutane	975	--	--	-71	--	-1,074	--	-21	173	--	-322	425
Natural Gasoline	2,314	-227	-10	--	--	-1,879	--	-6	155	49	0	694
Refinery Olefins	--	--	--	79	--	--	--	-61	--	--	140	116
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	43	--	--	--	1	--	--	42	3
Normal Butylene	--	--	--	36	--	--	--	-62	--	--	98	113
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-162	701	--	198	1,130	294	-1,559	3,479	24	217	8,569
Hydrogen/Biofuels/Other Hydrocarbons	--	--	701	--	37	456	234	-3	1,190	24	217	573
Hydrogen	--	--	--	--	--	--	202	--	202	--	0	--
Biofuels (including Fuel Ethanol)	--	--	701	--	37	456	32	-3	988	24	217	573
Fuel Ethanol	--	--	437	--	--	447	32	-15	931	--	0	388
Biofuels (excluding Fuel Ethanol) ⁶	--	--	265	--	37	9	--	12	57	24	217	186
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-162	--	--	46	--	--	-67	-49	--	0	3,046
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	115	674	60	-1,489	2,338	--	0	4,950
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	115	674	60	-1,489	2,338	--	0	4,950
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	18,843	399	696	-92	-525	--	15	20,356	8,032
Finished Motor Gasoline	--	--	--	10,612	1	-231	-92	-322	--	2	10,610	1,190
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	10,612	1	-231	-92	-322	--	2	10,610	1,190
Finished Aviation Gasoline	--	--	--	--	--	--	--	-2	--	--	2	3
Kerosene-Type Jet Fuel	--	--	--	1,025	58	696	--	80	--	--	1,699	742
Kerosene	--	--	--	--	--	--	--	0	--	--	0	2
Distillate Fuel Oil	--	--	0	5,096	267	647	--	-219	--	--	6,229	3,551
15 ppm sulfur and under	--	--	0	5,074	267	647	--	-175	--	--	6,163	3,343
Greater than 15 to 500 ppm sulfur	--	--	--	47	--	--	--	-20	--	--	67	165
Greater than 500 ppm sulfur	--	--	--	-25	--	--	--	-24	--	--	-1	43
Residual Fuel Oil	--	--	--	304	--	--	--	12	--	--	292	214
Less than 0.31 percent sulfur	--	--	--	169	--	--	--	12	--	NA	NA	24
0.31 to 1.00 percent sulfur	--	--	--	27	--	--	--	-11	--	NA	NA	23
Greater than 1.00 percent sulfur	--	--	--	108	--	--	--	11	--	NA	NA	167
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	10	-10	--
Waxes	--	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	--	391	--	-64	--	-12	--	--	339	48
Marketable	--	--	--	219	--	-64	--	-12	--	--	167	48
Catalyst	--	--	--	172	--	--	--	--	--	--	172	--
Asphalt and Road Oil	--	--	--	794	73	-352	--	-63	--	3	575	2,261
Still Gas	--	--	--	528	--	--	--	--	--	--	528	--
Miscellaneous Products	--	--	--	93	--	--	--	1	--	--	92	21
Total	43,997	0	691	19,173	11,279	-33,283	-640	1,043	18,578	88	21,509	49,143

-- = 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 biodiesel, renewable diesel fuel, 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 Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." 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 2022
(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	26,087	417	--	--	11,333	-20,404	-867	-1,632	18,198	--	0	24,100
Hydrocarbon Gas Liquids	16,686	-216	-10	482	262	-15,120	--	307	419	49	1,308	7,117
Natural Gas Liquids	16,686	-216	-10	372	262	-15,120	--	335	419	49	1,170	7,029
Ethane	5,690	--	--	--	--	-5,695	--	83	--	--	-88	1,477
Propane	5,560	--	--	205	262	-4,806	--	-7	--	3	1,225	2,181
Normal Butane	2,185	--	--	167	--	-1,857	--	248	79	--	168	2,241
Isobutane	979	--	--	0	--	-904	--	23	186	--	-134	448
Natural Gasoline	2,272	-216	-10	--	--	-1,858	--	-12	154	46	0	682
Refinery Olefins	--	--	--	110	--	--	--	-28	--	--	138	88
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	27	--	--	--	-2	--	--	29	1
Normal Butylene	--	--	--	83	--	--	--	-26	--	--	109	87
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-201	650	--	78	1,443	290	0	2,022	15	223	8,570
Hydrogen/Biofuels/Other Hydrocarbons	--	--	650	--	5	404	358	-31	1,210	15	223	543
Hydrogen	--	--	--	--	--	--	221	--	221	--	0	--
Biofuels (including Fuel Ethanol)	--	--	650	--	5	404	137	-31	989	15	223	543
Fuel Ethanol	--	--	437	--	--	373	137	15	932	--	0	402
Biofuels (excluding Fuel Ethanol) ⁶	--	--	213	--	5	32	--	-45	57	15	223	141
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-201	--	--	--	--	--	-340	139	0	0	2,706
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	73	1,039	-68	371	673	--	0	5,321
Reformulated	--	--	--	--	--	40	-40	--	--	--	--	--
Conventional	--	--	--	--	73	999	-28	371	673	--	0	5,321
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	20,957	377	162	-69	100	--	14	21,313	8,132
Finished Motor Gasoline	--	--	--	10,699	--	-360	-69	-63	--	1	10,332	1,127
Reformulated	--	--	--	--	--	--	44	--	--	--	44	--
Conventional	--	--	--	10,699	--	-360	-114	-63	--	1	10,287	1,127
Finished Aviation Gasoline	--	--	--	--	1	--	--	0	--	--	1	3
Kerosene-Type Jet Fuel	--	--	--	1,090	45	713	--	70	--	--	1,778	812
Kerosene	--	--	--	--	--	--	--	0	--	--	0	2
Distillate Fuel Oil	--	--	0	6,335	238	148	--	84	--	--	6,637	3,635
15 ppm sulfur and under	--	--	0	6,288	235	148	--	79	--	--	6,592	3,422
Greater than 15 to 500 ppm sulfur	--	--	--	21	--	--	--	-20	--	--	41	145
Greater than 500 ppm sulfur	--	--	--	26	3	--	--	25	--	--	4	68
Residual Fuel Oil	--	--	--	317	10	--	--	-11	--	--	338	203
Less than 0.31 percent sulfur	--	--	--	152	--	--	--	-5	--	NA	NA	19
0.31 to 1.00 percent sulfur	--	--	--	49	--	--	--	-1	--	NA	NA	22
Greater than 1.00 percent sulfur	--	--	--	116	10	--	--	-5	--	NA	NA	162
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	10	-10	--
Waxes	--	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	--	531	--	98	--	112	--	--	517	160
Marketable	--	--	--	323	--	98	--	112	--	--	309	160
Catalyst	--	--	--	208	--	--	--	--	--	--	208	--
Asphalt and Road Oil	--	--	--	1,244	83	-437	--	-93	--	3	981	2,168
Still Gas	--	--	--	644	--	--	--	--	--	--	644	--
Miscellaneous Products	--	--	--	97	--	--	--	1	--	--	96	22
Total	42,773	0	639	21,439	12,050	-33,919	-646	-1,225	20,639	78	22,844	47,919

-- = 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 Includes biodiesel, renewable diesel fuel, 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 Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." 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 2022
(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	26,916	320	--	--	12,621	-20,118	-603	-456	19,591	--	0	23,644
Hydrocarbon Gas Liquids	17,610	-162	-11	597	299	-16,282	--	414	540	41	1,056	7,530
Natural Gas Liquids	17,610	-162	-11	465	299	-16,282	--	412	540	41	926	7,440
Ethane	6,046	--	--	--	--	-6,233	--	-73	--	--	-114	1,404
Propane	5,773	--	--	238	299	-5,054	--	267	--	--	989	2,448
Normal Butane	2,306	--	--	227	--	-2,028	--	185	135	1	184	2,426
Isobutane	1,022	--	--	0	--	-963	--	-11	203	--	-133	437
Natural Gasoline	2,463	-162	-11	--	--	-2,004	--	44	202	41	0	725
Refinery Olefins	--	--	--	132	--	--	--	2	--	--	130	90
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	12	--	--	--	0	--	--	12	1
Normal Butylene	--	--	--	120	--	--	--	2	--	--	118	89
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-158	810	--	107	1,280	190	626	1,381	25	198	9,196
Hydrogen/Biofuels/Other Hydrocarbons	--	--	810	--	4	354	400	73	1,275	24	198	616
Hydrogen	--	--	--	--	--	--	223	--	223	--	0	--
Biofuels (including Fuel Ethanol)	--	--	810	--	4	354	177	73	1,052	24	198	616
Fuel Ethanol	--	--	458	--	--	320	177	-21	977	--	0	381
Biofuels (excluding Fuel Ethanol) ⁶	--	--	352	--	4	34	--	94	75	24	198	235
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-158	--	--	--	--	--	141	-300	1	0	2,847
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	103	926	-210	412	406	1	0	5,733
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	103	926	-210	412	406	1	0	5,733
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	-1	21,786	350	-389	33	40	--	14	21,725	8,172
Finished Motor Gasoline	--	--	--	10,992	--	-275	33	-44	--	1	10,793	1,083
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	10,992	--	-275	33	-44	--	1	10,793	1,083
Finished Aviation Gasoline	--	--	--	9	--	--	--	5	--	--	4	8
Kerosene-Type Jet Fuel	--	--	--	1,216	65	660	--	-98	--	0	2,039	714
Kerosene	--	--	--	--	--	--	--	0	--	--	0	2
Distillate Fuel Oil	--	--	-1	6,599	204	-184	--	255	--	--	6,364	3,890
15 ppm sulfur and under	--	--	-1	6,535	204	-184	--	254	--	--	6,301	3,676
Greater than 15 to 500 ppm sulfur	--	--	--	84	--	--	--	19	--	--	65	164
Greater than 500 ppm sulfur	--	--	--	-20	--	--	--	-18	--	--	-2	50
Residual Fuel Oil	--	--	--	346	6	--	--	22	--	--	330	225
Less than 0.31 percent sulfur	--	--	--	162	--	--	--	9	--	NA	NA	28
0.31 to 1.00 percent sulfur	--	--	--	65	--	--	--	15	--	NA	NA	37
Greater than 1.00 percent sulfur	--	--	--	119	6	--	--	-2	--	NA	NA	160
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	8	-8	--
Waxes	--	--	--	--	--	--	--	--	--	--	--	--
Petroleum Coke	--	--	--	693	--	-135	--	14	--	0	543	174
Marketable	--	--	--	479	--	-135	--	14	--	0	329	174
Catalyst	--	--	--	214	--	--	--	--	--	--	214	--
Asphalt and Road Oil	--	--	--	1,083	75	-455	--	-114	--	5	812	2,054
Still Gas	--	--	--	712	--	--	--	--	--	--	712	--
Miscellaneous Products	--	--	--	136	--	--	--	0	--	0	136	22
Total	44,526	0	799	22,383	13,377	-35,510	-380	623	21,512	81	22,979	48,542

-- = 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 Includes biodiesel, renewable diesel fuel, 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 Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." 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 2022
(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	27,672	441	--	--	12,385	-20,467	-1,720	-890	19,202	--	0	22,754
Hydrocarbon Gas Liquids	16,807	-278	-10	581	301	-15,131	--	459	468	13	1,330	7,989
Natural Gas Liquids	16,807	-278	-10	439	301	-15,131	--	447	468	13	1,200	7,887
Ethane	5,052	--	--	--	--	-5,252	--	-169	--	--	-31	1,235
Propane	5,845	--	--	228	283	-4,937	--	278	--	1	1,140	2,726
Normal Butane	2,347	--	--	213	--	-1,994	--	306	136	--	124	2,732
Isobutane	1,047	--	--	-2	18	-957	--	-22	161	--	-33	415
Natural Gasoline	2,516	-278	-10	--	--	-1,991	--	54	171	12	0	779
Refinery Olefins	--	--	--	142	--	--	--	12	--	--	130	102
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	41	--	--	--	4	--	--	37	5
Normal Butylene	--	--	--	101	--	--	--	8	--	--	93	97
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-163	782	--	18	781	447	-551	2,096	23	297	8,645
Hydrogen/Biofuels/Other Hydrocarbons	--	--	782	--	6	411	413	-13	1,305	23	297	603
Hydrogen	--	--	--	--	--	--	207	--	207	--	0	--
Biofuels (including Fuel Ethanol)	--	--	782	--	6	411	206	-13	1,098	23	297	603
Fuel Ethanol	--	--	410	--	--	387	206	4	999	0	0	385
Biofuels (excluding Fuel Ethanol) ⁶	--	--	372	--	6	24	--	-17	99	23	297	217
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-163	--	--	--	--	--	-158	-5	--	0	2,689
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	12	370	34	-380	796	--	0	5,353
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	12	370	34	-380	796	--	0	5,353
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	-1	22,057	194	-285	-240	-614	--	17	22,323	7,557
Finished Motor Gasoline	--	--	--	11,465	--	-361	-240	-42	--	0	10,905	1,041
Reformulated	--	--	--	--	--	--	--	1	--	--	-1	--
Conventional	--	--	--	11,465	--	-361	-240	-43	--	0	10,906	1,040
Finished Aviation Gasoline	--	--	--	8	--	--	--	1	--	--	7	9
Kerosene-Type Jet Fuel	--	--	--	1,132	20	691	--	26	--	0	1,817	740
Kerosene	--	--	--	--	--	--	--	0	--	--	0	2
Distillate Fuel Oil	--	--	-1	6,570	104	166	--	-171	--	--	7,011	3,718
15 ppm sulfur and under	--	--	-1	6,528	104	166	--	-129	--	--	6,927	3,546
Greater than 15 to 500 ppm sulfur	--	--	--	57	--	--	--	-26	--	--	83	138
Greater than 500 ppm sulfur	--	--	--	-15	--	--	--	-16	--	--	1	34
Residual Fuel Oil	--	--	--	325	17	--	--	-14	--	--	356	211
Less than 0.31 percent sulfur	--	--	--	163	--	--	--	1	--	NA	NA	29
0.31 to 1.00 percent sulfur	--	--	--	30	--	--	--	-17	--	NA	NA	20
Greater than 1.00 percent sulfur	--	--	--	132	17	--	--	2	--	NA	NA	162
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	13	-13	--
Waxes	--	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	--	674	--	-313	--	-26	--	0	387	148
Marketable	--	--	--	467	--	-313	--	-26	--	0	180	148
Catalyst	--	--	--	207	--	--	--	--	--	--	207	--
Asphalt and Road Oil	--	--	--	1,004	53	-468	--	-389	--	3	975	1,665
Still Gas	--	--	--	740	--	--	--	--	--	--	740	--
Miscellaneous Products	--	--	--	139	--	--	--	1	--	--	138	23
Total	44,479	0	772	22,638	12,898	-35,101	-1,513	-1,596	21,766	53	23,950	46,946

-- = 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 biodiesel, renewable diesel fuel, 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 Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." 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 2022
(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	26,589	324	--	--	12,003	-19,206	-725	717	18,268	--	0	23,471
Hydrocarbon Gas Liquids	15,403	-188	-9	399	317	-14,285	--	211	491	7	928	8,200
Natural Gas Liquids	15,403	-188	-9	293	317	-14,285	--	190	491	7	843	8,077
Ethane	4,091	--	--	--	--	-4,432	--	-147	--	--	-194	1,088
Propane	5,616	--	--	214	301	-4,884	--	186	--	1	1,060	2,912
Normal Butane	2,266	--	--	78	16	-2,029	--	91	153	0	87	2,823
Isobutane	1,011	--	--	1	--	-943	--	19	160	--	-110	434
Natural Gasoline	2,419	-188	-9	--	--	-1,997	--	41	178	6	0	820
Refinery Olefins	--	--	--	106	--	--	--	21	--	--	85	123
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	37	--	--	--	2	--	--	35	7
Normal Butylene	--	--	--	69	--	--	--	19	--	--	50	116
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-136	754	--	66	1,326	245	70	1,756	25	404	8,715
Hydrogen/Biofuels/Other Hydrocarbons	--	--	754	--	17	419	345	-103	1,219	15	404	500
Hydrogen	--	--	--	--	--	--	194	--	194	--	0	--
Biofuels (including Fuel Ethanol)	--	--	754	--	17	419	151	-103	1,025	15	404	500
Fuel Ethanol	--	--	395	--	--	377	151	-19	942	--	0	366
Biofuels (excluding Fuel Ethanol) ⁶	--	--	360	--	17	42	--	-84	83	15	404	134
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-136	--	--	--	--	--	149	-285	0	0	2,838
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	49	907	-100	24	822	10	0	5,377
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	49	907	-100	24	822	10	0	5,377
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	-1	20,990	110	-467	-51	-353	--	13	20,921	7,204
Finished Motor Gasoline	--	--	--	10,864	--	-391	-51	-32	--	1	10,453	1,009
Reformulated	--	--	--	--	--	--	--	0	--	--	0	--
Conventional	--	--	--	10,864	--	-391	-51	-32	--	1	10,453	1,008
Finished Aviation Gasoline	--	--	--	4	2	--	--	-2	--	--	8	7
Kerosene-Type Jet Fuel	--	--	--	1,062	7	626	--	-90	--	0	1,785	650
Kerosene	--	--	--	--	--	--	--	-1	--	--	1	1
Distillate Fuel Oil	--	--	-1	6,139	50	-36	--	-78	--	--	6,231	3,640
15 ppm sulfur and under	--	--	-1	6,005	50	-36	--	-164	--	--	6,183	3,382
Greater than 15 to 500 ppm sulfur	--	--	--	77	--	--	--	29	--	--	48	167
Greater than 500 ppm sulfur	--	--	--	57	--	--	--	57	--	--	0	91
Residual Fuel Oil	--	--	--	337	1	--	--	-15	--	--	353	196
Less than 0.31 percent sulfur	--	--	--	186	--	--	--	0	--	NA	NA	29
0.31 to 1.00 percent sulfur	--	--	--	31	--	--	--	-13	--	NA	NA	7
Greater than 1.00 percent sulfur	--	--	--	120	1	--	--	-2	--	NA	NA	160
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	10	-10	--
Waxes	--	--	--	--	--	--	--	--	--	--	--	--
Petroleum Coke	--	--	--	610	--	-67	--	15	--	0	528	163
Marketable	--	--	--	409	--	-67	--	15	--	0	327	163
Catalyst	--	--	--	201	--	--	--	--	--	--	201	--
Asphalt and Road Oil	--	--	--	1,158	50	-599	--	-150	--	2	757	1,515
Still Gas	--	--	--	691	--	--	--	--	--	--	691	--
Miscellaneous Products	--	--	--	125	--	--	--	0	--	--	125	23
Total	41,992	0	745	21,389	12,496	-32,633	-531	645	20,515	45	22,254	47,590

-- = 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 biodiesel, renewable diesel fuel, 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 Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." 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 2022
(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	27,954	397	--	--	12,893	-21,666	-857	38	18,683	--	0	23,509
Hydrocarbon Gas Liquids	17,004	-232	-11	195	368	-15,520	--	-472	618	11	1,648	7,728
Natural Gas Liquids	17,004	-232	-11	107	368	-15,520	--	-421	618	11	1,509	7,656
Ethane	5,342	--	--	--	--	-5,213	--	98	--	--	31	1,186
Propane	5,888	--	--	224	325	-5,109	--	31	--	0	1,297	2,943
Normal Butane	2,346	--	--	-121	42	-2,241	--	-513	243	1	296	2,310
Isobutane	1,031	--	--	4	--	-989	--	4	156	--	-114	438
Natural Gasoline	2,397	-232	-11	--	1	-1,968	--	-41	219	10	0	779
Refinery Olefins	--	--	--	88	--	--	--	-51	--	--	139	72
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	28	--	--	--	0	--	--	28	7
Normal Butylene	--	--	--	60	--	--	--	-51	--	--	111	65
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-165	626	--	33	1,150	103	398	1,230	14	105	9,112
Hydrogen/Biofuels/Other Hydrocarbons	--	--	626	--	10	426	261	52	1,154	12	105	551
Hydrogen	--	--	--	--	--	--	172	--	172	--	0	--
Biofuels (including Fuel Ethanol)	--	--	626	--	10	426	89	52	982	12	105	551
Fuel Ethanol	--	--	462	--	--	397	89	0	948	--	0	366
Biofuels (excluding Fuel Ethanol) ⁶	--	--	164	--	10	29	--	52	34	12	105	186
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-165	--	--	--	--	--	-98	-67	0	0	2,740
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	23	724	-158	444	143	2	0	5,821
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	23	724	-158	444	143	2	0	5,821
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	21,238	111	-373	69	-68	--	17	21,096	7,136
Finished Motor Gasoline	--	--	--	11,007	--	-410	69	173	--	--	10,493	1,182
Reformulated	--	--	--	--	--	--	--	0	--	--	0	--
Conventional	--	--	--	11,007	--	-410	69	173	--	--	10,493	1,181
Finished Aviation Gasoline	--	--	--	4	--	--	--	-1	--	--	5	6
Kerosene-Type Jet Fuel	--	--	--	1,105	--	775	--	114	--	--	1,766	764
Kerosene	--	--	--	--	--	--	--	0	--	--	0	1
Distillate Fuel Oil	--	--	0	6,224	26	169	--	-109	--	--	6,528	3,531
15 ppm sulfur and under	--	--	0	6,186	26	169	--	-53	--	--	6,434	3,329
Greater than 15 to 500 ppm sulfur	--	--	--	48	--	--	--	-45	--	--	93	122
Greater than 500 ppm sulfur	--	--	--	-10	--	--	--	-11	--	--	1	80
Residual Fuel Oil	--	--	--	324	10	--	--	-7	--	--	341	189
Less than 0.31 percent sulfur	--	--	--	178	--	--	--	-1	--	NA	NA	28
0.31 to 1.00 percent sulfur	--	--	--	23	--	--	--	-3	--	NA	NA	4
Greater than 1.00 percent sulfur	--	--	--	123	10	--	--	-3	--	NA	NA	157
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	15	-15	--
Waxes	--	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	--	648	--	-378	--	-100	--	--	370	63
Marketable	--	--	--	421	--	-378	--	-100	--	--	143	63
Catalyst	--	--	--	227	--	--	--	--	--	--	227	--
Asphalt and Road Oil	--	--	--	1,166	75	-529	--	-132	--	2	843	1,383
Still Gas	--	--	--	628	--	--	--	--	--	--	628	--
Miscellaneous Products	--	--	--	132	--	--	--	-6	--	--	138	17
Total	44,958	0	615	21,433	13,405	-36,409	-685	-105	20,531	42	22,849	47,485

-- = 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 biodiesel, renewable diesel fuel, 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 Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." 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 2022
(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	27,217	277	--	--	11,807	-19,864	-613	1,393	17,432	0	0	24,902
Hydrocarbon Gas Liquids	15,670	-172	-10	94	526	-15,006	--	-650	610	9	1,131	7,078
Natural Gas Liquids	15,670	-172	-10	24	526	-15,006	--	-676	610	9	1,087	6,980
Ethane	4,507	--	--	--	--	-4,963	--	-113	--	--	-343	1,073
Propane	5,740	--	--	192	497	-5,007	--	-152	--	0	1,574	2,791
Normal Butane	2,247	--	--	-149	29	-2,106	--	-435	327	2	127	1,875
Isobutane	988	--	--	-19	--	-1,105	--	0	134	--	-270	438
Natural Gasoline	2,188	-172	-10	--	--	-1,825	--	24	149	7	0	803
Refinery Olefins	--	--	--	70	--	--	--	26	--	--	44	98
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	47	--	--	--	0	--	--	47	7
Normal Butylene	--	--	--	23	--	--	--	26	--	--	-3	91
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-105	782	--	15	593	527	314	1,179	1	318	9,426
Hydrogen/Biofuels/Other Hydrocarbons	--	--	782	--	7	392	224	-26	1,114	--	318	525
Hydrogen	--	--	--	--	--	--	155	--	155	--	0	--
Biofuels (including Fuel Ethanol)	--	--	782	--	7	392	69	-26	959	--	318	525
Fuel Ethanol	--	--	435	--	--	361	69	-23	888	--	0	343
Biofuels (excluding Fuel Ethanol) ⁶	--	--	347	--	7	31	--	-4	71	--	318	182
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-105	--	--	--	--	--	6	-111	0	0	2,746
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	8	201	302	334	176	1	0	6,155
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	8	201	302	334	176	1	0	6,155
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	-1	19,869	146	-255	-372	416	--	16	18,955	7,552
Finished Motor Gasoline	--	--	--	10,385	--	-360	-372	-137	--	1	9,789	1,045
Reformulated	--	--	--	--	--	--	--	0	--	--	0	--
Conventional	--	--	--	10,385	--	-360	-372	-137	--	1	9,789	1,044
Finished Aviation Gasoline	--	--	--	6	--	--	--	3	--	--	3	9
Kerosene-Type Jet Fuel	--	--	--	974	--	368	--	116	--	--	1,226	880
Kerosene	--	--	--	--	--	--	--	0	--	--	0	1
Distillate Fuel Oil	--	--	-1	5,745	48	107	--	124	--	1	5,774	3,655
15 ppm sulfur and under	--	--	-1	5,739	48	107	--	154	--	--	5,739	3,483
Greater than 15 to 500 ppm sulfur	--	--	--	42	--	--	--	5	--	1	36	127
Greater than 500 ppm sulfur	--	--	--	-36	--	--	--	-35	--	--	-1	45
Residual Fuel Oil	--	--	--	319	5	--	--	5	--	--	319	194
Less than 0.31 percent sulfur	--	--	--	154	--	--	--	1	--	NA	NA	29
0.31 to 1.00 percent sulfur	--	--	--	28	--	--	--	0	--	NA	NA	4
Greater than 1.00 percent sulfur	--	--	--	137	5	--	--	4	--	NA	NA	161
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	12	-12	--
Waxes	--	--	--	--	--	--	--	--	--	--	--	--
Petroleum Coke	--	--	--	573	--	27	--	13	--	--	587	76
Marketable	--	--	--	352	--	27	--	13	--	--	366	76
Catalyst	--	--	--	221	--	--	--	--	--	--	221	--
Asphalt and Road Oil	--	--	--	1,159	93	-397	--	286	--	1	567	1,669
Still Gas	--	--	--	597	--	--	--	--	--	--	597	--
Miscellaneous Products	--	--	--	111	--	--	--	6	--	--	105	23
Total	42,887	0	771	19,963	12,494	-34,532	-458	1,473	19,221	27	20,405	48,958

-- = 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 biodiesel, renewable diesel fuel, 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 Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." 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 2022
(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	26,054	247	--	--	12,460	-19,999	-1,954	-481	17,289	--	0	24,421
Hydrocarbon Gas Liquids	13,493	-218	-9	99	958	-13,272	--	-961	627	9	1,376	6,117
Natural Gas Liquids	13,493	-218	-9	9	958	-13,272	--	-941	627	9	1,266	6,039
Ethane	3,678	--	--	--	--	-4,018	--	-37	--	--	-303	1,036
Propane	4,936	--	--	191	922	-4,549	--	-396	--	0	1,895	2,395
Normal Butane	2,039	--	--	-193	36	-2,174	--	-464	344	--	-172	1,411
Isobutane	862	--	--	11	--	-884	--	-13	156	--	-154	425
Natural Gasoline	1,978	-218	-9	--	--	-1,646	--	-31	127	9	0	772
Refinery Olefins	--	--	--	90	--	--	--	-20	--	--	110	78
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	46	--	--	--	3	--	--	43	10
Normal Butylene	--	--	--	44	--	--	--	-23	--	--	67	68
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-29	873	--	43	502	339	471	861	6	390	9,897
Hydrogen/Biofuels/Other Hydrocarbons	--	--	873	--	10	355	331	97	1,082	--	390	622
Hydrogen	--	--	--	--	--	--	154	--	154	--	0	--
Biofuels (including Fuel Ethanol)	--	--	873	--	10	355	177	97	928	--	390	622
Fuel Ethanol	--	--	409	--	--	318	177	41	863	--	0	384
Biofuels (excluding Fuel Ethanol) ⁶	--	--	465	--	10	37	--	56	65	--	390	238
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-29	--	--	--	--	--	249	-278	--	0	2,995
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	33	147	8	125	57	6	0	6,280
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	33	147	8	125	57	6	0	6,280
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	19,686	147	-408	-185	250	--	17	18,973	7,802
Finished Motor Gasoline	--	--	--	10,307	--	-438	-185	92	--	--	9,592	1,137
Reformulated	--	--	--	--	--	--	--	-1	--	--	1	--
Conventional	--	--	--	10,307	--	-438	-185	93	--	--	9,591	1,137
Finished Aviation Gasoline	--	--	--	3	1	--	--	0	--	--	4	9
Kerosene-Type Jet Fuel	--	--	--	1,057	--	491	--	-125	--	--	1,673	755
Kerosene	--	--	--	2	--	--	--	1	--	--	1	2
Distillate Fuel Oil	--	--	0	5,657	28	217	--	50	--	--	5,852	3,705
15 ppm sulfur and under	--	--	0	5,624	28	217	--	26	--	--	5,843	3,509
Greater than 15 to 500 ppm sulfur	--	--	--	30	--	--	--	21	--	--	9	148
Greater than 500 ppm sulfur	--	--	--	3	--	--	--	3	--	--	0	48
Residual Fuel Oil	--	--	--	341	10	--	--	16	--	--	335	210
Less than 0.31 percent sulfur	--	--	--	165	--	--	--	-3	--	NA	NA	26
0.31 to 1.00 percent sulfur	--	--	--	21	--	--	--	0	--	NA	NA	4
Greater than 1.00 percent sulfur	--	--	--	155	10	--	--	19	--	NA	NA	180
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	3	--	--	--	--	--	3	--
Lubricants	--	--	--	--	--	--	--	--	--	16	-16	--
Waxes	--	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	--	676	--	-220	--	21	--	--	435	97
Marketable	--	--	--	466	--	-220	--	21	--	--	225	97
Catalyst	--	--	--	210	--	--	--	--	--	--	210	--
Asphalt and Road Oil	--	--	--	903	105	-457	--	202	--	1	348	1,871
Still Gas	--	--	--	633	--	--	--	--	--	--	633	--
Miscellaneous Products	--	--	--	107	--	--	--	-7	--	--	114	16
Total	39,547	0	864	19,785	13,608	-33,176	-1,800	-721	18,777	32	20,739	48,238

-- = 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 biodiesel, renewable diesel fuel, 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 Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." 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.