

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	26,736	555	--	--	12,786	-22,524	-3,387	-487	14,653	--	0	23,934
Hydrocarbon Gas Liquids	14,522	-375	-8	-11	1,102	-13,701	--	-675	568	9	1,627	5,442
Natural Gas Liquids	14,522	-375	-8	21	1,101	-13,701	--	-702	568	9	1,685	5,337
Ethane	4,051	--	--	--	--	-4,181	--	-122	--	0	-8	914
Propane	5,139	--	--	167	1,010	-4,844	--	-354	--	1	1,825	2,041
Normal Butane	2,087	--	--	-137	89	-2,139	--	-382	273	--	9	1,029
Isobutane	921	--	--	-9	--	-869	--	50	134	--	-141	475
Natural Gasoline	2,324	-375	-8	--	2	-1,668	--	106	161	8	0	878
Refinery Olefins	--	--	--	-32	1	--	--	27	--	--	-58	105
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	-9	1	--	--	-7	--	--	-1	3
Normal Butylene	--	--	--	-23	--	--	--	34	--	--	-57	102
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-180	732	--	163	906	465	-24	2,022	14	74	9,873
Hydrogen/Biofuels/Other Hydrocarbons	--	--	732	--	12	242	223	106	1,017	12	74	728
Hydrogen	--	--	--	--	--	--	172	--	172	--	0	--
Biofuels (including Fuel Ethanol)	--	--	732	--	12	242	51	106	845	12	74	728
Fuel Ethanol	--	--	311	--	--	483	51	27	805	12	0	411
Biofuels (excluding Fuel Ethanol)	--	--	421	--	12	-241	--	79	40	--	74	317
Biodiesel	--	--	--	--	12	14	--	1	16	--	9	15
Renewable Diesel Fuel	--	--	363	--	--	-254	--	59	--	NA	50	266
Other Biofuels ⁶	--	--	58	--	--	--	--	19	24	NA	16	36
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-180	--	--	--	--	--	87	-267	0	0	3,082
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	151	664	242	-217	1,272	2	0	6,063
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	151	664	242	-217	1,272	2	0	6,063
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	18,041	70	292	-293	511	--	19	17,579	8,313
Finished Motor Gasoline	--	--	--	9,640	--	-299	-293	187	--	1	8,860	1,324
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	9,640	--	-299	-293	187	--	1	8,860	1,324
Finished Aviation Gasoline	--	--	--	3	--	--	--	0	--	--	3	9
Kerosene-Type Jet Fuel	--	--	--	635	10	1,054	--	-130	--	--	1,829	625
Kerosene	--	--	--	--	--	--	--	-1	--	--	1	1
Distillate Fuel Oil	--	--	0	5,304	--	193	--	252	--	0	5,244	3,957
15 ppm sulfur and under	--	--	0	5,212	--	193	--	242	--	0	5,162	3,751
Greater than 15 to 500 ppm sulfur	--	--	--	81	--	--	--	-1	--	--	82	147
Greater than 500 ppm sulfur	--	--	--	11	--	--	--	11	--	--	0	59
Residual Fuel Oil	--	--	--	295	--	--	--	8	--	--	287	218
Less than 0.31 percent sulfur	--	--	--	175	--	--	--	1	--	NA	NA	27
0.31 to 1.00 percent sulfur	--	--	--	12	--	--	--	1	--	NA	NA	5
Greater than 1.00 percent sulfur	--	--	--	108	--	--	--	6	--	NA	NA	186
Petrochemical Feedstocks	--	--	--	56	--	--	--	--	--	--	56	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	56	--	--	--	--	--	--	56	--
Special Naphthas	--	--	--	--	1	--	--	--	--	--	1	--
Lubricants	--	--	--	--	--	--	--	--	--	16	-16	--
Waxes	--	--	--	--	--	--	--	--	--	--	--	--
Petroleum Coke	--	--	--	719	--	-243	--	34	--	0	442	131
Marketable	--	--	--	536	--	-243	--	34	--	0	259	131
Catalyst	--	--	--	183	--	--	--	--	--	--	183	--
Asphalt and Road Oil	--	--	--	709	59	-413	--	163	--	3	189	2,034
Still Gas	--	--	--	627	--	--	--	--	--	--	627	--
Miscellaneous Products	--	--	--	53	--	--	--	-2	--	--	55	14
Total	41,258	0	723	18,030	14,121	-35,027	-3,215	-675	17,243	42	19,280	47,562

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

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

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

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

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

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

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

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

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, February 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	23,913	479	--	--	12,228	-20,268	-1,064	803	14,484	--	0	24,737
Hydrocarbon Gas Liquids	13,730	-409	-7	113	893	-12,137	--	-127	520	9	1,781	5,315
Natural Gas Liquids	13,730	-409	-7	88	893	-12,137	--	-73	520	9	1,702	5,264
Ethane	4,026	--	--	--	--	-3,782	--	175	--	0	69	1,089
Propane	4,892	--	--	156	882	-4,214	--	-112	--	0	1,827	1,929
Normal Butane	1,892	--	--	-20	9	-1,792	--	-30	212	--	-93	999
Isobutane	853	--	--	-48	--	-804	--	-27	129	--	-101	448
Natural Gasoline	2,067	-409	-7	--	2	-1,545	--	-79	179	8	0	799
Refinery Olefins	--	--	--	25	--	--	--	-54	--	--	79	51
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	3	--	--	--	-1	--	--	4	2
Normal Butylene	--	--	--	22	--	--	--	-53	--	--	75	49
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-70	711	--	108	860	385	624	1,173	39	158	10,498
Hydrogen/Biofuels/Other Hydrocarbons	--	--	711	--	8	111	286	-38	957	39	158	691
Hydrogen	--	--	--	--	--	--	179	--	179	--	0	--
Biofuels (including Fuel Ethanol)	--	--	711	--	8	111	107	-38	778	39	158	691
Fuel Ethanol	--	--	274	--	--	400	107	8	735	39	0	419
Biofuels (excluding Fuel Ethanol)	--	--	437	--	8	-289	--	-45	43	--	158	272
Biodiesel	--	--	--	--	8	18	--	0	14	--	12	15
Renewable Diesel Fuel	--	--	354	--	--	-307	--	-46	--	NA	93	220
Other Biofuels ⁶	--	--	83	--	--	--	--	1	29	NA	53	37
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-70	--	--	--	--	--	269	-339	--	0	3,351
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	100	749	99	393	555	--	0	6,456
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	100	749	99	393	555	--	0	6,456
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	-1	16,739	192	199	-206	844	--	19	16,060	9,157
Finished Motor Gasoline	--	--	--	8,650	--	-194	-206	-114	--	0	8,364	1,210
Reformulated	--	--	--	--	--	--	--	--	--	--	-1	--
Conventional	--	--	--	8,650	--	-194	-206	-114	--	0	8,364	1,210
Finished Aviation Gasoline	--	--	--	3	--	--	--	-1	--	--	4	8
Kerosene-Type Jet Fuel	--	--	--	780	44	787	--	130	--	--	1,481	755
Kerosene	--	--	--	--	--	--	--	0	--	--	0	1
Distillate Fuel Oil	--	--	-1	4,953	36	79	--	543	--	--	4,524	4,500
15 ppm sulfur and under	--	--	-1	4,963	36	79	--	507	--	--	4,570	4,258
Greater than 15 to 500 ppm sulfur	--	--	--	-7	--	--	--	38	--	--	-45	185
Greater than 500 ppm sulfur	--	--	--	-3	--	--	--	-2	--	--	-1	57
Residual Fuel Oil	--	--	--	333	11	--	--	40	--	--	304	258
Less than 0.31 percent sulfur	--	--	--	155	0	--	--	-1	--	NA	NA	26
0.31 to 1.00 percent sulfur	--	--	--	25	--	--	--	1	--	NA	NA	6
Greater than 1.00 percent sulfur	--	--	--	153	11	--	--	40	--	NA	NA	226
Petrochemical Feedstocks	--	--	--	55	--	--	--	--	--	--	55	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	55	--	--	--	--	--	--	55	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	17	-17	--
Waxes	--	--	--	--	--	--	--	--	--	1	-1	--
Petroleum Coke	--	--	--	675	--	-218	--	-19	--	--	476	112
Marketable	--	--	--	463	--	-218	--	-19	--	--	264	112
Catalyst	--	--	--	212	--	--	--	--	--	--	212	--
Asphalt and Road Oil	--	--	--	675	101	-255	--	266	--	1	254	2,300
Still Gas	--	--	--	565	--	--	--	--	--	--	565	--
Miscellaneous Products	--	--	--	50	--	--	--	-1	--	--	51	13
Total	37,643	0	704	16,852	13,421	-31,346	-885	2,144	16,177	67	18,000	49,707

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

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

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

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

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

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

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

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

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, March 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	27,734	639	--	--	11,717	-20,192	-2,115	1,019	16,763	--	0	25,756
Hydrocarbon Gas Liquids	16,251	-465	-8	313	812	-14,618	--	118	541	8	1,619	5,433
Natural Gas Liquids	16,251	-465	-8	194	812	-14,618	--	78	541	8	1,540	5,342
Ethane	4,994	--	--	--	--	-4,909	--	68	--	--	17	1,157
Propane	5,664	--	--	195	811	-4,988	--	-107	--	2	1,788	1,822
Normal Butane	2,215	--	--	-8	1	-2,013	--	160	190	0	-155	1,159
Isobutane	983	--	--	7	--	-940	--	-16	176	--	-110	432
Natural Gasoline	2,395	-465	-8	--	--	-1,768	--	-27	175	6	0	772
Refinery Olefins	--	--	--	119	--	--	--	40	--	--	79	91
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	51	--	--	--	1	--	--	50	3
Normal Butylene	--	--	--	68	--	--	--	39	--	--	29	88
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-173	748	--	143	856	339	63	1,681	42	127	10,560
Hydrogen/Biofuels/Other Hydrocarbons	--	--	748	--	14	66	383	-80	1,127	37	127	610
Hydrogen	--	--	--	--	--	--	202	--	202	--	0	--
Biofuels (including Fuel Ethanol)	--	--	748	--	14	66	181	-80	925	37	127	610
Fuel Ethanol	--	--	322	--	--	344	181	-58	867	37	0	361
Biofuels (excluding Fuel Ethanol)	--	--	426	--	14	-277	--	-23	58	--	127	249
Biodiesel	--	--	--	--	14	18	--	1	26	--	5	16
Renewable Diesel Fuel	--	--	354	--	--	-296	--	-35	--	NA	94	184
Other Biofuels ⁶	--	--	71	--	--	--	--	12	32	NA	28	49
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-173	--	--	--	--	--	-145	-33	5	0	3,206
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	129	790	-44	288	587	--	0	6,744
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	129	790	-44	288	587	--	0	6,744
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	-1	19,532	232	-374	-137	-372	--	17	19,607	8,785
Finished Motor Gasoline	--	--	--	10,094	--	-302	-137	-110	--	1	9,764	1,100
Reformulated	--	--	--	--	--	--	--	--	--	--	0	--
Conventional	--	--	--	10,094	--	-302	-137	-110	--	1	9,764	1,100
Finished Aviation Gasoline	--	--	--	6	--	--	--	1	--	--	5	9
Kerosene-Type Jet Fuel	--	--	--	1,071	76	816	--	-127	--	--	2,090	628
Kerosene	--	--	--	--	--	--	--	0	--	--	0	1
Distillate Fuel Oil	--	--	-1	5,734	49	-26	--	-428	--	--	6,184	4,072
15 ppm sulfur and under	--	--	-1	5,721	49	-26	--	-375	--	--	6,118	3,883
Greater than 15 to 500 ppm sulfur	--	--	--	17	--	--	--	-49	--	--	66	136
Greater than 500 ppm sulfur	--	--	--	-4	--	--	--	-4	--	--	0	53
Residual Fuel Oil	--	--	--	320	4	--	--	-29	--	--	353	229
Less than 0.31 percent sulfur	--	--	--	163	--	--	--	-1	--	NA	NA	25
0.31 to 1.00 percent sulfur	--	--	--	34	4	--	--	-1	--	NA	NA	5
Greater than 1.00 percent sulfur	--	--	--	123	--	--	--	-27	--	NA	NA	199
Petrochemical Feedstocks	--	--	--	62	--	--	--	--	--	--	62	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	62	--	--	--	--	--	--	62	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	14	-14	--
Waxes	--	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	--	686	--	-449	--	20	--	--	217	132
Marketable	--	--	--	501	--	-449	--	20	--	--	32	132
Catalyst	--	--	--	185	--	--	--	--	--	--	185	--
Asphalt and Road Oil	--	--	--	868	103	-413	--	300	--	2	256	2,600
Still Gas	--	--	--	650	--	--	--	--	--	--	650	--
Miscellaneous Products	--	--	--	41	--	--	--	1	--	--	40	14
Total	43,985	0	740	19,845	12,904	-34,328	-1,913	828	18,985	67	21,353	50,535

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

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

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

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

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

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

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

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

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, April 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	27,263	541	--	--	9,682	-19,538	-2,351	200	15,397	--	0	25,956
Hydrocarbon Gas Liquids	16,001	-518	-9	457	473	-14,342	--	624	485	2	951	6,057
Natural Gas Liquids	16,001	-518	-9	291	473	-14,342	--	607	485	2	802	5,949
Ethane	4,835	--	--	--	--	-4,832	--	5	--	--	-2	1,162
Propane	5,587	--	--	199	473	-4,870	--	141	--	2	1,246	1,963
Normal Butane	2,184	--	--	143	--	-1,968	--	469	157	--	-267	1,628
Isobutane	982	--	--	-51	--	-945	--	2	159	--	-175	434
Natural Gasoline	2,413	-518	-9	--	--	-1,727	--	-10	169	--	0	762
Refinery Olefins	--	--	--	166	--	--	--	17	--	--	149	108
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	33	--	--	--	0	--	--	33	3
Normal Butylene	--	--	--	133	--	--	--	17	--	--	116	105
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-23	912	--	84	907	308	-429	2,263	111	244	10,132
Hydrogen/Biofuels/Other Hydrocarbons	--	--	912	--	14	127	416	68	1,107	51	244	679
Hydrogen	--	--	--	--	--	--	186	--	186	--	0	--
Biofuels (including Fuel Ethanol)	--	--	912	--	14	127	230	68	921	51	244	679
Fuel Ethanol	--	--	379	--	--	317	230	10	873	43	0	371
Biofuels (excluding Fuel Ethanol)	--	--	533	--	14	-190	--	59	48	7	244	308
Biodiesel	--	--	--	--	14	13	--	-2	28	7	-7	14
Renewable Diesel Fuel	--	--	469	--	--	-202	--	67	--	NA	199	251
Other Biofuels ⁶	--	--	64	--	--	--	--	-6	20	NA	51	43
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-23	--	--	--	--	--	-46	-37	60	0	3,160
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	70	780	-108	-451	1,193	0	0	6,293
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	70	780	-108	-451	1,193	0	0	6,293
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	-1	18,396	221	135	-122	-97	--	21	18,706	8,688
Finished Motor Gasoline	--	--	--	9,885	--	-125	-122	-98	--	1	9,735	1,002
Reformulated	--	--	--	--	--	--	--	--	--	--	0	--
Conventional	--	--	--	9,885	--	-125	-122	-98	--	1	9,735	1,002
Finished Aviation Gasoline	--	--	--	3	--	--	--	0	--	--	3	9
Kerosene-Type Jet Fuel	--	--	--	946	48	817	--	169	--	--	1,642	797
Kerosene	--	--	--	--	--	--	--	0	--	--	0	1
Distillate Fuel Oil	--	--	-1	5,172	102	70	--	-316	--	--	5,660	3,756
15 ppm sulfur and under	--	--	-1	5,189	102	70	--	-297	--	--	5,658	3,586
Greater than 15 to 500 ppm sulfur	--	--	--	8	--	--	--	7	--	--	1	143
Greater than 500 ppm sulfur	--	--	--	-25	--	--	--	-26	--	--	1	27
Residual Fuel Oil	--	--	--	308	--	--	--	10	--	--	298	239
Less than 0.31 percent sulfur	--	--	--	127	--	--	--	2	--	NA	NA	27
0.31 to 1.00 percent sulfur	--	--	--	24	--	--	--	3	--	NA	NA	8
Greater than 1.00 percent sulfur	--	--	--	157	--	--	--	5	--	NA	NA	204
Petrochemical Feedstocks	--	--	--	43	--	--	--	--	--	--	43	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	43	--	--	--	--	--	--	43	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	19	-19	--
Waxes	--	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	--	649	--	-382	--	-1	--	--	268	131
Marketable	--	--	--	444	--	-382	--	-1	--	--	63	131
Catalyst	--	--	--	205	--	--	--	--	--	--	205	--
Asphalt and Road Oil	--	--	--	737	71	-244	--	131	--	1	432	2,731
Still Gas	--	--	--	601	--	--	--	--	--	--	601	--
Miscellaneous Products	--	--	--	52	--	--	--	8	--	--	44	22
Total	43,264	0	903	18,853	10,460	-32,837	-2,165	298	18,145	134	19,900	50,833

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

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

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

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

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

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

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

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

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, May 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	28,858	596	--	--	10,932	-23,129	-692	199	16,365	--	0	26,155
Hydrocarbon Gas Liquids	17,388	-592	-10	459	349	-15,013	--	971	475	9	1,126	7,028
Natural Gas Liquids	17,388	-592	-10	316	349	-15,013	--	986	475	9	968	6,935
Ethane	5,506	--	--	--	--	-5,218	--	20	--	--	268	1,182
Propane	5,900	--	--	180	344	-5,070	--	316	--	2	1,036	2,279
Normal Butane	2,312	--	--	153	--	-1,967	--	628	93	--	-223	2,256
Isobutane	1,054	--	--	-17	--	-954	--	-2	198	--	-113	432
Natural Gasoline	2,616	-592	-10	--	5	-1,804	--	24	184	8	0	786
Refinery Olefins	--	--	--	143	--	--	--	-15	--	--	158	93
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	24	--	--	--	0	--	--	24	3
Normal Butylene	--	--	--	119	--	--	--	-15	--	--	134	90
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-4	1,145	--	35	1,059	328	1	2,282	93	187	10,133
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,145	--	6	107	326	119	1,214	64	187	798
Hydrogen	--	--	--	--	--	--	192	--	192	--	0	--
Biofuels (including Fuel Ethanol)	--	--	1,145	--	6	107	134	119	1,022	64	187	798
Fuel Ethanol	--	--	410	--	--	460	134	29	938	36	0	400
Biofuels (excluding Fuel Ethanol)	--	--	735	--	6	-352	--	90	84	28	187	398
Biodiesel	--	--	--	--	6	37	--	-4	45	28	-26	10
Renewable Diesel Fuel	--	--	626	--	--	-389	--	78	--	NA	159	329
Other Biofuels ⁶	--	--	110	--	--	--	--	17	39	NA	54	59
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-4	--	--	--	--	--	323	-356	29	0	3,483
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	29	952	2	-441	1,424	0	0	5,852
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	29	952	2	-441	1,424	0	0	5,852
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	-1	19,155	193	259	-136	-334	--	19	19,786	8,354
Finished Motor Gasoline	--	--	--	10,281	--	-33	-136	-93	--	2	10,203	909
Reformulated	--	--	--	--	--	--	--	--	--	--	0	--
Conventional	--	--	--	10,281	--	-33	-136	-93	--	2	10,203	909
Finished Aviation Gasoline	--	--	--	7	1	--	--	1	--	--	7	10
Kerosene-Type Jet Fuel	--	--	0	972	37	629	--	16	--	--	1,622	813
Kerosene	--	--	--	--	--	--	--	-1	--	--	1	--
Distillate Fuel Oil	--	--	-1	5,286	100	460	--	-262	--	--	6,107	3,494
15 ppm sulfur and under	--	--	-1	5,262	100	460	--	-295	--	--	6,116	3,291
Greater than 15 to 500 ppm sulfur	--	--	--	24	--	--	--	33	--	--	-9	176
Greater than 500 ppm sulfur	--	--	--	0	--	--	--	0	--	--	0	27
Residual Fuel Oil	--	--	--	312	--	--	--	-22	--	--	334	217
Less than 0.31 percent sulfur	--	--	--	165	--	--	--	-12	--	NA	NA	15
0.31 to 1.00 percent sulfur	--	--	--	10	--	--	--	0	--	NA	NA	8
Greater than 1.00 percent sulfur	--	--	--	137	--	--	--	-10	--	NA	NA	194
Petrochemical Feedstocks	--	--	--	49	--	--	--	--	--	--	49	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	49	--	--	--	--	--	--	49	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	15	-15	--
Waxes	--	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	--	625	--	-512	--	-28	--	0	141	103
Marketable	--	--	--	424	--	-512	--	-28	--	0	-60	103
Catalyst	--	--	--	201	--	--	--	--	--	--	201	--
Asphalt and Road Oil	--	--	--	998	55	-285	--	58	--	1	709	2,789
Still Gas	--	--	--	582	--	--	--	--	--	--	582	--
Miscellaneous Products	--	--	--	43	--	--	--	-3	--	0	46	19
Total	46,246	0	1,134	19,614	11,509	-36,824	-500	837	19,122	121	21,099	51,669

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

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

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

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

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

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

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

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

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, June 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	28,392	427	--	--	11,028	-21,563	-1,325	-1,325	18,285	--	0	24,830
Hydrocarbon Gas Liquids	16,459	-324	-10	468	269	-15,541	--	860	464	13	-15	7,888
Natural Gas Liquids	16,459	-324	-10	348	269	-15,541	--	854	464	13	-129	7,789
Ethane	4,863	--	--	--	--	-5,417	--	-126	--	0	-428	1,056
Propane	5,763	--	--	234	267	-5,131	--	394	--	3	737	2,673
Normal Butane	2,240	--	--	154	--	-1,934	--	539	87	3	-169	2,795
Isobutane	1,022	--	--	-40	--	-1,060	--	21	170	--	-269	453
Natural Gasoline	2,571	-324	-10	--	2	-2,000	--	26	207	6	0	812
Refinery Olefins	--	--	--	120	--	--	--	6	--	--	114	99
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	32	--	--	--	1	--	--	31	4
Normal Butylene	--	--	--	88	--	--	--	5	--	--	83	95
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-104	965	--	19	918	359	-454	2,280	97	234	9,679
Hydrogen/Biofuels/Other Hydrocarbons	--	--	965	--	8	107	322	-97	1,225	40	234	701
Hydrogen	--	--	--	--	--	--	217	--	217	--	0	--
Biofuels (including Fuel Ethanol)	--	--	965	--	8	107	105	-97	1,008	40	234	701
Fuel Ethanol	--	--	397	--	--	426	105	-18	920	27	0	382
Biofuels (excluding Fuel Ethanol)	--	--	567	--	8	-319	--	-79	88	13	234	319
Biodiesel	--	--	--	--	8	42	--	7	41	13	-11	17
Renewable Diesel Fuel	--	--	473	--	--	-361	--	-72	--	NA	183	257
Other Biofuels ⁶	--	--	95	--	--	--	--	-14	47	NA	62	45
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-104	--	--	--	--	--	-338	177	57	0	3,145
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	11	811	37	-19	878	--	0	5,833
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	11	811	37	-19	878	--	0	5,833
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	-1	21,232	158	-247	-142	635	--	13	20,352	8,988
Finished Motor Gasoline	--	--	--	10,901	--	-355	-142	174	--	1	10,229	1,083
Reformulated	--	--	--	--	--	--	--	--	--	--	-4	--
Conventional	--	--	--	10,901	--	-355	-142	174	--	1	10,229	1,083
Finished Aviation Gasoline	--	--	--	7	--	--	--	0	--	--	7	10
Kerosene-Type Jet Fuel	--	--	0	1,010	21	792	--	-59	--	--	1,882	754
Kerosene	--	--	--	--	--	--	--	--	--	--	--	--
Distillate Fuel Oil	--	--	-1	6,383	62	132	--	573	--	--	6,004	4,066
15 ppm sulfur and under	--	--	-1	6,364	62	132	--	506	--	--	6,052	3,796
Greater than 15 to 500 ppm sulfur	--	--	--	-6	--	--	--	27	--	--	-33	203
Greater than 500 ppm sulfur	--	--	--	25	--	--	--	40	--	--	-15	67
Residual Fuel Oil	--	--	--	338	--	--	--	5	--	--	333	222
Less than 0.31 percent sulfur	--	--	--	171	--	--	--	5	--	NA	NA	20
0.31 to 1.00 percent sulfur	--	--	--	21	--	--	--	1	--	NA	NA	9
Greater than 1.00 percent sulfur	--	--	--	146	--	--	--	-1	--	NA	NA	193
Petrochemical Feedstocks	--	--	--	28	--	--	--	--	--	--	28	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	28	--	--	--	--	--	--	28	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	10	-10	--
Waxes	--	--	--	--	--	--	--	--	--	--	--	--
Petroleum Coke	--	--	--	710	--	-368	--	1	--	--	341	104
Marketable	--	--	--	489	--	-368	--	1	--	--	120	104
Catalyst	--	--	--	221	--	--	--	--	--	--	221	--
Asphalt and Road Oil	--	--	--	1,128	75	-448	--	-64	--	2	817	2,725
Still Gas	--	--	--	664	--	--	--	--	--	--	664	--
Miscellaneous Products	--	--	--	63	--	--	--	5	--	0	58	24
Total	44,851	0	954	21,700	11,474	-36,432	-1,108	-284	21,029	123	20,571	51,385

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

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

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

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

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

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

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

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

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, July 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	28,955	546	--	--	11,157	-21,225	-1,369	-775	18,839	--	0	24,055
Hydrocarbon Gas Liquids	17,480	-414	-10	471	290	-16,119	--	678	486	12	522	8,566
Natural Gas Liquids	17,480	-414	-10	386	290	-16,119	--	708	486	12	407	8,497
Ethane	5,538	--	--	--	--	-5,701	--	156	--	1	-320	1,212
Propane	5,839	--	--	251	290	-5,214	--	207	--	3	956	2,880
Normal Butane	2,309	--	--	169	--	-2,101	--	386	142	1	-152	3,181
Isobutane	1,063	--	--	-34	--	-1,020	--	-60	146	--	-77	393
Natural Gasoline	2,731	-414	-10	--	--	-2,083	--	19	198	7	0	831
Refinery Olefins	--	--	--	85	--	--	--	-30	--	--	115	69
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	20	--	--	--	-1	--	--	21	3
Normal Butylene	--	--	--	65	--	--	--	-29	--	--	94	66
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-132	999	--	28	1,386	500	62	2,402	116	201	9,741
Hydrogen/Biofuels/Other Hydrocarbons	--	--	999	--	13	260	284	-20	1,296	79	201	681
Hydrogen	--	--	--	--	--	--	219	--	219	--	0	--
Biofuels (including Fuel Ethanol)	--	--	999	--	13	260	65	-20	1,077	79	201	681
Fuel Ethanol	--	--	418	--	--	548	65	-24	1,010	45	0	357
Biofuels (excluding Fuel Ethanol)	--	--	581	--	13	-288	--	4	67	34	201	323
Biodiesel	--	--	--	--	13	27	--	6	49	34	-50	23
Renewable Diesel Fuel	--	--	489	--	--	-315	--	3	--	NA	171	260
Other Biofuels ⁶	--	--	93	--	--	--	--	-4	18	NA	79	41
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-132	--	--	--	--	--	-193	24	37	0	2,952
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	15	1,126	216	275	1,082	0	0	6,108
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	15	1,126	216	275	1,082	0	0	6,108
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	-1	22,084	171	-261	-281	-464	--	18	22,158	8,524
Finished Motor Gasoline	--	--	--	11,717	--	-324	-281	6	--	1	11,105	1,089
Reformulated	--	--	--	--	--	--	--	--	--	--	5	--
Conventional	--	--	--	11,717	--	-324	-281	6	--	1	11,105	1,089
Finished Aviation Gasoline	--	--	--	7	--	--	--	0	--	--	7	10
Kerosene-Type Jet Fuel	--	--	0	1,233	24	868	--	10	--	--	2,115	764
Kerosene	--	--	--	--	--	--	--	--	--	--	--	--
Distillate Fuel Oil	--	--	-1	6,113	74	-76	--	-239	--	--	6,350	3,827
15 ppm sulfur and under	--	--	-1	6,180	74	-76	--	-167	--	--	6,345	3,629
Greater than 15 to 500 ppm sulfur	--	--	--	-43	--	--	--	-53	--	--	10	150
Greater than 500 ppm sulfur	--	--	--	-24	--	--	--	-19	--	--	-5	48
Residual Fuel Oil	--	--	--	351	--	--	--	-9	--	--	360	213
Less than 0.31 percent sulfur	--	--	--	195	--	--	--	7	--	NA	NA	27
0.31 to 1.00 percent sulfur	--	--	--	29	--	--	--	-4	--	NA	NA	5
Greater than 1.00 percent sulfur	--	--	--	127	--	--	--	-12	--	NA	NA	181
Petrochemical Feedstocks	--	--	--	78	--	--	--	--	--	--	78	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	78	--	--	--	--	--	--	78	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	15	-15	--
Waxes	--	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	--	744	--	-225	--	48	--	0	471	152
Marketable	--	--	--	524	--	-225	--	48	--	0	251	152
Catalyst	--	--	--	220	--	--	--	--	--	--	220	--
Asphalt and Road Oil	--	--	--	1,086	73	-504	--	-279	--	2	931	2,446
Still Gas	--	--	--	690	--	--	--	--	--	--	690	--
Miscellaneous Products	--	--	--	65	--	--	--	-1	--	--	66	23
Total	46,435	0	989	22,555	11,646	-36,219	-1,150	-499	21,727	146	22,881	50,886

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

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

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

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

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

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

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

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

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, August 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	29,852	787	--	--	13,253	-22,452	-2,695	-470	19,214	--	0	23,585
Hydrocarbon Gas Liquids	18,061	-649	-9	547	202	-15,863	--	793	439	4	1,053	9,359
Natural Gas Liquids	18,061	-649	-9	471	202	-15,863	--	759	439	4	1,011	9,256
Ethane	5,448	--	--	--	--	-5,446	--	51	--	--	-49	1,263
Propane	6,065	--	--	264	200	-5,303	--	170	--	3	1,054	3,050
Normal Butane	2,502	--	--	212	1	-1,985	--	511	131	0	88	3,692
Isobutane	1,136	--	--	-5	--	-1,013	--	25	175	--	-82	418
Natural Gasoline	2,910	-649	-9	--	1	-2,117	--	2	133	1	0	833
Refinery Olefins	--	--	--	76	--	--	--	34	--	--	42	103
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	24	--	--	--	0	--	--	24	3
Normal Butylene	--	--	--	52	--	--	--	34	--	--	18	100
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-138	933	--	37	1,110	368	112	1,767	146	285	9,853
Hydrogen/Biofuels/Other Hydrocarbons	--	--	933	--	19	202	504	-80	1,331	122	285	601
Hydrogen	--	--	--	--	--	--	235	--	235	--	0	--
Biofuels (including Fuel Ethanol)	--	--	933	--	19	202	269	-80	1,096	122	285	601
Fuel Ethanol	--	--	384	--	--	430	269	-6	1,005	85	0	351
Biofuels (excluding Fuel Ethanol)	--	--	549	--	19	-229	--	-74	91	37	285	249
Biodiesel	--	--	--	--	19	70	--	-10	57	37	5	13
Renewable Diesel Fuel	--	--	472	--	--	-299	--	-50	--	NA	223	209
Other Biofuels ⁶	--	--	77	--	--	--	--	-14	34	NA	57	27
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-138	--	--	--	--	--	36	-195	21	0	2,988
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	18	908	-136	156	631	3	0	6,264
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	18	908	-136	156	631	3	0	6,264
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	-1	21,697	151	1	-133	-893	--	18	22,590	7,631
Finished Motor Gasoline	--	--	--	11,181	--	-308	-133	-158	--	1	10,897	931
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	11,181	--	-308	-133	-158	--	1	10,897	931
Finished Aviation Gasoline	--	--	--	9	--	--	--	0	--	--	9	10
Kerosene-Type Jet Fuel	--	--	0	1,324	10	788	--	130	--	0	1,992	894
Kerosene	--	--	--	1	--	--	--	2	--	--	-1	2
Distillate Fuel Oil	--	--	-1	6,169	67	149	--	-460	--	0	6,844	3,367
15 ppm sulfur and under	--	--	-1	6,157	67	149	--	-463	--	0	6,835	3,166
Greater than 15 to 500 ppm sulfur	--	--	--	-6	--	--	--	-12	--	--	6	138
Greater than 500 ppm sulfur	--	--	--	18	--	--	--	15	--	--	3	63
Residual Fuel Oil	--	--	--	363	--	--	--	-17	--	--	380	196
Less than 0.31 percent sulfur	--	--	--	201	--	--	--	-6	--	NA	NA	21
0.31 to 1.00 percent sulfur	--	--	--	31	--	--	--	0	--	NA	NA	5
Greater than 1.00 percent sulfur	--	--	--	131	--	--	--	-11	--	NA	NA	170
Petrochemical Feedstocks	--	--	--	28	--	--	--	--	--	--	28	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	28	--	--	--	--	--	--	28	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	16	-16	--
Waxes	--	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	--	735	--	-121	--	-27	--	--	641	125
Marketable	--	--	--	517	--	-121	--	-27	--	--	423	125
Catalyst	--	--	--	218	--	--	--	--	--	--	218	--
Asphalt and Road Oil	--	--	--	1,136	74	-507	--	-359	--	1	1,061	2,087
Still Gas	--	--	--	680	--	--	--	--	--	--	680	--
Miscellaneous Products	--	--	--	71	--	--	--	-4	--	--	75	19
Total	47,913	0	923	22,244	13,643	-37,205	-2,460	-459	21,420	169	23,928	50,427

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

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

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

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

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

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

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

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

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, September 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	28,868	673	--	--	12,392	-19,270	-3,148	460	19,055	--	0	24,045
Hydrocarbon Gas Liquids	17,632	-607	-9	349	263	-15,985	--	198	537	3	904	9,557
Natural Gas Liquids	17,632	-607	-9	208	263	-15,985	--	165	537	3	796	9,421
Ethane	5,677	--	--	--	--	-5,770	--	149	--	--	-242	1,412
Propane	5,838	--	--	231	257	-5,119	--	96	--	2	1,108	3,146
Normal Butane	2,305	--	--	-33	4	-2,048	--	18	164	1	45	3,710
Isobutane	1,041	--	--	10	--	-982	--	2	182	--	-115	420
Natural Gasoline	2,771	-607	-9	--	2	-2,065	--	-100	191	0	0	733
Refinery Olefins	--	--	--	141	--	--	--	33	--	--	108	136
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	27	--	--	--	0	--	--	27	3
Normal Butylene	--	--	--	114	--	--	--	33	--	--	81	133
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-66	928	--	19	429	791	-126	1,965	132	130	9,727
Hydrogen/Biofuels/Other Hydrocarbons	--	--	928	--	6	20	452	-38	1,252	61	130	563
Hydrogen	--	--	--	--	--	--	224	--	224	--	0	--
Biofuels (including Fuel Ethanol)	--	--	928	--	6	20	228	-38	1,028	61	130	563
Fuel Ethanol	--	--	392	--	--	385	228	1	944	60	0	353
Biofuels (excluding Fuel Ethanol)	--	--	536	--	6	-365	--	-39	84	2	130	210
Biodiesel	--	--	--	--	6	46	--	-1	56	2	-5	12
Renewable Diesel Fuel	--	--	452	--	--	-411	--	-39	--	NA	80	170
Other Biofuels ⁶	--	--	84	--	--	--	--	1	28	NA	55	28
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-66	--	--	--	--	--	-110	-17	61	0	2,878
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	13	409	340	22	730	10	0	6,286
Reformulated	--	--	--	--	--	203	544	461	286	--	--	461
Conventional	--	--	--	--	13	206	-204	-439	444	10	0	5,825
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	-1	21,962	182	-141	-567	32	--	17	21,385	7,663
Finished Motor Gasoline	--	--	--	11,164	--	-403	-567	-53	--	1	10,246	878
Reformulated	--	--	--	293	--	--	-544	--	--	--	-251	--
Conventional	--	--	--	10,871	--	-403	-23	-53	--	1	10,497	878
Finished Aviation Gasoline	--	--	--	3	--	--	--	-2	--	--	5	8
Kerosene-Type Jet Fuel	--	--	0	1,110	15	679	--	-86	--	--	1,890	808
Kerosene	--	--	--	--	--	--	--	0	--	--	0	2
Distillate Fuel Oil	--	--	-1	6,642	55	232	--	374	--	--	6,554	3,741
15 ppm sulfur and under	--	--	-1	6,659	55	232	--	356	--	--	6,589	3,522
Greater than 15 to 500 ppm sulfur	--	--	--	-7	--	--	--	25	--	--	-32	163
Greater than 500 ppm sulfur	--	--	--	-10	--	--	--	-7	--	--	-3	56
Residual Fuel Oil	--	--	--	412	--	--	--	29	--	--	383	225
Less than 0.31 percent sulfur	--	--	--	198	--	--	--	2	--	NA	NA	23
0.31 to 1.00 percent sulfur	--	--	--	38	--	--	--	3	--	NA	NA	8
Greater than 1.00 percent sulfur	--	--	--	176	--	--	--	24	--	NA	NA	194
Petrochemical Feedstocks	--	--	--	55	--	--	--	--	--	--	55	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	55	--	--	--	--	--	--	55	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	14	-14	--
Waxes	--	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	--	662	--	-212	--	2	--	0	448	127
Marketable	--	--	--	439	--	-212	--	2	--	0	225	127
Catalyst	--	--	--	223	--	--	--	--	--	--	223	--
Asphalt and Road Oil	--	--	--	1,174	112	-437	--	-229	--	2	1,076	1,858
Still Gas	--	--	--	681	--	--	--	--	--	--	681	--
Miscellaneous Products	--	--	--	59	--	--	--	-3	--	--	62	16
Total	46,500	0	918	22,311	12,856	-34,967	-2,924	565	21,557	153	22,419	50,993

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

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

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

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

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

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

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

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

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, October 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	30,443	668	--	--	12,459	-21,073	-2,807	-113	19,804	--	0	23,932
Hydrocarbon Gas Liquids	18,510	-611	-10	245	344	-17,209	--	-690	578	0	1,381	8,867
Natural Gas Liquids	18,510	-611	-10	139	344	-17,209	--	-680	578	0	1,265	8,741
Ethane	6,024	--	--	--	--	-6,172	--	-38	--	--	-110	1,374
Propane	6,134	--	--	239	343	-5,449	--	42	--	0	1,225	3,188
Normal Butane	2,395	--	--	-61	1	-2,491	--	-648	210	0	282	3,062
Isobutane	1,104	--	--	-39	--	-1,048	--	-36	185	--	-132	384
Natural Gasoline	2,853	-611	-10	--	--	-2,049	--	0	183	0	0	733
Refinery Olefins	--	--	--	106	--	--	--	-10	--	--	116	126
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	18	--	--	--	-1	--	--	19	2
Normal Butylene	--	--	--	88	--	--	--	-9	--	--	97	124
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-57	1,002	--	20	-511	1,264	171	1,347	72	128	9,898
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,002	--	12	-6	468	23	1,264	61	128	586
Hydrogen	--	--	--	--	--	--	234	--	234	--	0	--
Biofuels (including Fuel Ethanol)	--	--	1,002	--	12	-6	234	23	1,030	61	128	586
Fuel Ethanol	--	--	422	--	--	363	234	-2	960	61	0	351
Biofuels (excluding Fuel Ethanol)	--	--	579	--	12	-369	--	24	70	--	128	234
Biodiesel	--	--	--	--	12	22	--	-1	32	--	3	11
Renewable Diesel Fuel	--	--	473	--	--	-391	--	32	--	NA	50	202
Other Biofuels ⁶	--	--	106	--	--	--	--	-7	38	NA	75	21
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-57	--	--	--	--	--	103	-160	--	0	2,981
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	8	-505	796	45	243	11	0	6,331
Reformulated	--	--	--	--	--	342	240	-78	660	--	--	383
Conventional	--	--	--	--	8	-847	556	123	-417	11	0	5,948
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	-1	22,475	169	-648	-1,030	-136	--	14	21,086	7,527
Finished Motor Gasoline	--	--	0	11,423	--	-461	-1,030	-1	--	--	9,933	877
Reformulated	--	--	--	795	--	--	-243	--	--	--	552	--
Conventional	--	--	0	10,628	--	-461	-788	-1	--	--	9,380	877
Finished Aviation Gasoline	--	--	--	7	--	--	--	-1	--	--	8	7
Kerosene-Type Jet Fuel	--	--	0	1,150	18	814	--	134	--	--	1,848	942
Kerosene	--	--	--	--	--	--	--	0	--	--	0	2
Distillate Fuel Oil	--	--	-1	6,877	56	-50	--	-25	--	--	6,907	3,716
15 ppm sulfur and under	--	--	-1	6,937	56	-50	--	8	--	--	6,934	3,530
Greater than 15 to 500 ppm sulfur	--	--	--	-35	--	--	--	-12	--	--	-23	151
Greater than 500 ppm sulfur	--	--	--	-25	--	--	--	-21	--	--	-4	35
Residual Fuel Oil	--	--	--	367	--	--	--	-14	--	--	381	211
Less than 0.31 percent sulfur	--	--	--	208	--	--	--	2	--	NA	NA	25
0.31 to 1.00 percent sulfur	--	--	--	32	--	--	--	2	--	NA	NA	10
Greater than 1.00 percent sulfur	--	--	--	127	--	--	--	-18	--	NA	NA	176
Petrochemical Feedstocks	--	--	--	28	--	--	--	--	--	--	28	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	28	--	--	--	--	--	--	28	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	1	--	--	--	--	12	-11	--
Waxes	--	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	--	650	--	-438	--	-9	--	0	221	118
Marketable	--	--	--	422	--	-438	--	-9	--	0	-7	118
Catalyst	--	--	--	228	--	--	--	--	--	--	228	--
Asphalt and Road Oil	--	--	--	1,201	94	-514	--	-224	--	2	1,004	1,634
Still Gas	--	--	--	686	--	--	--	--	--	--	686	--
Miscellaneous Products	--	--	--	86	--	--	--	4	--	0	82	20
Total	48,953	0	991	22,720	12,992	-39,441	-2,573	-769	21,729	87	22,596	50,224

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

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

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

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

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

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

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

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

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, November 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	30,223	722	--	--	12,419	-22,885	-1,339	752	18,388	0	0	24,684
Hydrocarbon Gas Liquids	17,077	-672	-10	139	420	-16,154	--	-695	611	3	881	8,172
Natural Gas Liquids	17,077	-672	-10	45	420	-16,154	--	-661	611	3	753	8,080
Ethane	4,775	--	--	--	--	-4,960	--	-189	--	--	4	1,185
Propane	6,055	--	--	236	417	-5,435	--	-27	--	--	1,300	3,161
Normal Butane	2,363	--	--	-225	--	-2,578	--	-559	287	0	-168	2,503
Isobutane	1,092	--	--	34	--	-1,239	--	63	207	--	-383	447
Natural Gasoline	2,792	-672	-10	--	3	-1,942	--	51	117	3	0	784
Refinery Olefins	--	--	--	94	--	--	--	-34	--	--	128	92
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	23	--	--	--	1	--	--	22	3
Normal Butylene	--	--	--	71	--	--	--	-35	--	--	106	89
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-50	773	--	17	-548	1,584	237	1,442	56	42	10,135
Hydrogen/Biofuels/Other Hydrocarbons	--	--	773	--	12	-16	479	-17	1,170	53	42	569
Hydrogen	--	--	--	--	--	--	212	--	212	--	0	--
Biofuels (including Fuel Ethanol)	--	--	773	--	12	-16	267	-17	958	53	42	569
Fuel Ethanol	--	--	403	--	--	307	267	15	909	53	0	366
Biofuels (excluding Fuel Ethanol)	--	--	370	--	12	-322	--	-32	49	--	42	203
Biodiesel	--	--	--	--	12	17	--	2	28	--	-1	13
Renewable Diesel Fuel	--	--	305	--	--	-339	--	-32	--	NA	-3	170
Other Biofuels ⁶	--	--	65	--	--	--	--	-2	21	NA	46	19
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-50	--	--	--	--	--	24	-74	0	0	3,005
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	5	-532	1,106	230	346	3	0	6,561
Reformulated	--	--	--	--	--	320	1,033	88	1,265	--	--	471
Conventional	--	--	--	--	5	-852	73	142	-919	3	0	6,090
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	-1	21,090	177	-696	-1,372	688	--	10	18,500	8,215
Finished Motor Gasoline	--	--	--	10,984	--	-444	-1,372	223	--	--	8,945	1,100
Reformulated	--	--	--	1,504	--	--	-1,036	--	--	--	468	--
Conventional	--	--	--	9,480	--	-444	-336	223	--	--	8,477	1,100
Finished Aviation Gasoline	--	--	--	3	--	--	--	-1	--	--	4	6
Kerosene-Type Jet Fuel	--	--	--	993	22	768	--	2	--	--	1,781	944
Kerosene	--	--	--	1	--	--	--	0	--	--	1	2
Distillate Fuel Oil	--	--	-1	6,476	51	37	--	497	--	--	6,067	4,213
15 ppm sulfur and under	--	--	-1	6,442	51	37	--	486	--	--	6,044	4,016
Greater than 15 to 500 ppm sulfur	--	--	--	-6	--	--	--	-36	--	--	30	115
Greater than 500 ppm sulfur	--	--	--	40	--	--	--	47	--	--	-7	82
Residual Fuel Oil	--	--	--	364	--	--	--	-6	--	--	370	205
Less than 0.31 percent sulfur	--	--	--	223	--	--	--	-5	--	NA	NA	20
0.31 to 1.00 percent sulfur	--	--	--	20	--	--	--	-6	--	NA	NA	4
Greater than 1.00 percent sulfur	--	--	--	121	--	--	--	5	--	NA	NA	181
Petrochemical Feedstocks	--	--	--	25	--	--	--	--	--	--	25	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	25	--	--	--	--	--	--	25	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	2	--	--	--	--	10	-8	--
Waxes	--	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	--	681	--	-507	--	2	--	--	172	120
Marketable	--	--	--	465	--	-507	--	2	--	--	-44	120
Catalyst	--	--	--	216	--	--	--	--	--	--	216	--
Asphalt and Road Oil	--	--	--	859	102	-550	--	-30	--	1	440	1,604
Still Gas	--	--	--	639	--	--	--	--	--	--	639	--
Miscellaneous Products	--	--	--	65	--	--	--	1	--	--	64	21
Total	47,300	0	763	21,229	13,033	-40,283	-1,127	982	20,441	69	19,423	51,205

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

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

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

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

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

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

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

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

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, December 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	31,534	656	--	--	13,766	-24,701	-2,262	1,143	17,848	1	0	25,827
Hydrocarbon Gas Liquids	17,139	-650	-10	17	513	-16,399	--	-995	710	0	895	7,177
Natural Gas Liquids	17,139	-650	-10	-40	513	-16,399	--	-1,005	710	0	848	7,075
Ethane	4,514	--	--	--	--	-4,968	--	-105	--	--	-349	1,080
Propane	6,231	--	--	223	504	-5,592	--	-79	--	--	1,445	3,082
Normal Butane	2,416	--	--	-259	3	-2,505	--	-818	366	--	107	1,685
Isobutane	1,126	--	--	-4	1	-1,266	--	7	205	--	-355	454
Natural Gasoline	2,852	-650	-10	--	5	-2,068	--	-10	139	0	0	774
Refinery Olefins	--	--	--	57	--	--	--	10	--	--	47	102
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	8	--	--	--	-2	--	--	10	1
Normal Butylene	--	--	--	49	--	--	--	12	--	--	37	101
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-6	1,244	--	11	-433	1,333	282	1,490	61	316	10,417
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,244	--	5	61	351	170	1,126	49	316	739
Hydrogen	--	--	--	--	--	--	206	--	206	--	0	--
Biofuels (including Fuel Ethanol)	--	--	1,244	--	5	61	145	170	920	49	316	739
Fuel Ethanol	--	--	431	--	--	351	145	-7	885	49	0	359
Biofuels (excluding Fuel Ethanol)	--	--	813	--	5	-290	--	177	35	--	316	380
Biodiesel	--	--	--	--	5	25	--	-2	14	--	18	11
Renewable Diesel Fuel	--	--	687	--	--	-315	--	153	--	NA	220	323
Other Biofuels ⁶	--	--	126	--	--	--	--	26	21	NA	79	46
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-6	--	--	--	--	--	37	-43	--	0	3,042
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	6	-494	982	75	407	12	0	6,636
Reformulated	--	--	--	--	--	643	1,255	97	1,801	--	--	568
Conventional	--	--	--	--	6	-1,137	-273	-22	-1,394	12	0	6,068
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	-1	20,820	247	-436	-1,127	649	--	12	18,843	8,864
Finished Motor Gasoline	--	--	--	10,969	--	-525	-1,127	166	--	1	9,150	1,266
Reformulated	--	--	--	2,063	--	--	-1,267	--	--	--	796	--
Conventional	--	--	--	8,906	--	-525	141	166	--	1	8,355	1,266
Finished Aviation Gasoline	--	--	--	6	--	--	--	1	--	--	5	7
Kerosene-Type Jet Fuel	--	--	0	1,039	12	791	--	-88	--	--	1,930	856
Kerosene	--	--	--	--	--	--	--	0	--	--	0	2
Distillate Fuel Oil	--	--	-1	6,180	71	-49	--	347	--	--	5,854	4,560
15 ppm sulfur and under	--	--	-1	6,143	71	-49	--	293	--	--	5,871	4,309
Greater than 15 to 500 ppm sulfur	--	--	--	18	--	--	--	32	--	--	-14	147
Greater than 500 ppm sulfur	--	--	--	19	--	--	--	22	--	--	-3	104
Residual Fuel Oil	--	--	--	339	7	--	--	-2	--	--	348	203
Less than 0.31 percent sulfur	--	--	--	230	--	--	--	4	--	NA	NA	24
0.31 to 1.00 percent sulfur	--	--	--	15	7	--	--	0	--	NA	NA	4
Greater than 1.00 percent sulfur	--	--	--	94	--	--	--	-6	--	NA	NA	175
Petrochemical Feedstocks	--	--	--	31	--	--	--	--	--	--	31	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	31	--	--	--	--	--	--	31	--
Special Naphthas	--	--	--	--	0	--	--	--	--	--	0	--
Lubricants	--	--	--	--	--	--	--	--	--	10	-10	--
Waxes	--	--	--	--	--	--	--	--	--	--	--	--
Petroleum Coke	--	--	--	693	--	-318	--	12	--	--	363	132
Marketable	--	--	--	477	--	-318	--	12	--	--	147	132
Catalyst	--	--	--	216	--	--	--	--	--	--	216	--
Asphalt and Road Oil	--	--	--	858	157	-335	--	214	--	1	465	1,818
Still Gas	--	--	--	651	--	--	--	--	--	--	651	--
Miscellaneous Products	--	--	--	54	--	--	--	-1	--	0	55	20
Total	48,673	0	1,233	20,837	14,537	-41,968	-2,056	1,079	20,048	74	20,054	52,284

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

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

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

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

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

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

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

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