

Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	862	18	--	--	412	-727	-109	-16	473	--	0
Hydrocarbon Gas Liquids	468	-12	0	0	36	-442	--	-22	18	0	52
Natural Gas Liquids	468	-12	0	1	36	-442	--	-23	18	0	54
Ethane	131	--	--	--	--	-135	--	-4	--	0	0
Propane	166	--	--	5	33	-156	--	-11	--	0	59
Normal Butane	67	--	--	-4	3	-69	--	-12	9	--	0
Isobutane	30	--	--	0	--	-28	--	2	4	--	-5
Natural Gasoline	75	-12	0	--	0	-54	--	3	5	0	0
Refinery Olefins	--	--	--	-1	0	--	--	1	--	--	-2
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	0	0	--	--	0	--	--	0
Normal Butylene	--	--	--	-1	--	--	--	1	--	--	-2
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-6	24	--	5	29	15	-1	65	0	2
Hydrogen/Biofuels/Other Hydrocarbons	--	--	24	--	0	8	7	3	33	0	2
Hydrogen	--	--	--	--	--	--	6	--	6	--	0
Biofuels (including Fuel Ethanol)	--	--	24	--	0	8	2	3	27	0	2
Fuel Ethanol	--	--	10	--	--	16	2	1	26	0	0
Biofuels (excluding Fuel Ethanol)	--	--	14	--	0	-8	--	3	1	--	2
Biodiesel	--	--	--	--	0	0	--	0	1	--	0
Renewable Diesel Fuel	--	--	12	--	--	-8	--	2	--	NA	2
Other Biofuels ⁶	--	--	2	--	--	--	--	1	1	NA	1
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-6	--	--	--	--	--	3	-9	0	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	5	21	8	-7	41	0	0
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	5	21	8	-7	41	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	582	2	9	-9	16	--	1	567
Finished Motor Gasoline	--	--	--	311	--	-10	-9	6	--	0	286
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	311	--	-10	-9	6	--	0	286
Finished Aviation Gasoline	--	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	--	20	0	34	--	-4	--	--	59
Kerosene	--	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	0	171	--	6	--	8	--	0	169
15 ppm sulfur and under	--	--	0	168	--	6	--	8	--	0	167
Greater than 15 to 500 ppm sulfur	--	--	--	3	--	--	--	0	--	--	3
Greater than 500 ppm sulfur	--	--	--	0	--	--	--	0	--	--	0
Residual Fuel Oil	--	--	--	10	--	--	--	0	--	--	9
Less than 0.31 percent sulfur	--	--	--	6	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	0	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	3	--	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	2	--	--	--	--	--	--	2
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	2	--	--	--	--	--	--	2
Special Naphthas	--	--	--	--	0	--	--	--	--	--	0
Lubricants	--	--	--	--	--	--	--	--	--	1	-1
Waxes	--	--	--	--	--	--	--	--	--	--	--
Petroleum Coke	--	--	--	23	--	-8	--	1	--	0	14
Marketable	--	--	--	17	--	-8	--	1	--	0	8
Catalyst	--	--	--	6	--	--	--	--	--	--	6
Asphalt and Road Oil	--	--	--	23	2	-13	--	5	--	0	6
Still Gas	--	--	--	20	--	--	--	--	--	--	20
Miscellaneous Products	--	--	--	2	--	--	--	0	--	--	2
Total	1,331	0	23	582	456	-1,130	-104	-22	556	1	622

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

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

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

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

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

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

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

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

Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, February 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	854	17	--	--	437	-724	-38	29	517	--	0
Hydrocarbon Gas Liquids	490	-15	0	4	32	-433	--	-5	19	0	64
Natural Gas Liquids	490	-15	0	3	32	-433	--	-3	19	0	61
Ethane	144	--	--	--	--	-135	--	6	--	0	2
Propane	175	--	--	6	32	-151	--	-4	--	0	65
Normal Butane	68	--	--	-1	0	-64	--	-1	8	--	-3
Isobutane	30	--	--	-2	--	-29	--	-1	5	--	-4
Natural Gasoline	74	-15	0	--	0	-55	--	-3	6	0	0
Refinery Olefins	--	--	--	1	--	--	--	-2	--	--	3
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	0	--	--	--	0	--	--	0
Normal Butylene	--	--	--	1	--	--	--	-2	--	--	3
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-3	25	--	4	31	14	22	42	1	6
Hydrogen/Biofuels/Other Hydrocarbons	--	--	25	--	0	4	10	-1	34	1	6
Hydrogen	--	--	--	--	--	--	6	--	6	--	0
Biofuels (including Fuel Ethanol)	--	--	25	--	0	4	4	-1	28	1	6
Fuel Ethanol	--	--	10	--	--	14	4	0	26	1	0
Biofuels (excluding Fuel Ethanol)	--	--	16	--	0	-10	--	-2	2	--	6
Biodiesel	--	--	--	--	0	1	--	0	1	--	0
Renewable Diesel Fuel	--	--	13	--	--	-11	--	-2	--	NA	3
Other Biofuels ⁶	--	--	3	--	--	--	--	0	1	NA	2
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-3	--	--	--	--	--	10	-12	--	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	4	27	4	14	20	--	0
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	4	27	4	14	20	--	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	598	7	7	-7	30	--	1	574
Finished Motor Gasoline	--	--	--	309	--	-7	-7	-4	--	0	299
Reformulated	--	--	--	--	--	--	--	--	--	--	0
Conventional	--	--	--	309	--	-7	-7	-4	--	0	299
Finished Aviation Gasoline	--	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	--	28	2	28	--	5	--	--	53
Kerosene	--	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	0	177	1	3	--	19	--	--	162
15 ppm sulfur and under	--	--	0	177	1	3	--	18	--	--	163
Greater than 15 to 500 ppm sulfur	--	--	--	0	--	--	--	1	--	--	-2
Greater than 500 ppm sulfur	--	--	--	0	--	--	--	0	--	--	0
Residual Fuel Oil	--	--	--	12	0	--	--	1	--	--	11
Less than 0.31 percent sulfur	--	--	--	6	0	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	1	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	5	0	--	--	1	--	NA	NA
Petrochemical Feedstocks	--	--	--	2	--	--	--	--	--	--	2
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	2	--	--	--	--	--	--	2
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	1	-1
Waxes	--	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	--	24	--	-8	--	-1	--	--	17
Marketable	--	--	--	17	--	-8	--	-1	--	--	9
Catalyst	--	--	--	8	--	--	--	--	--	--	8
Asphalt and Road Oil	--	--	--	24	4	-9	--	10	--	0	9
Still Gas	--	--	--	20	--	--	--	--	--	--	20
Miscellaneous Products	--	--	--	2	--	--	--	0	--	--	2
Total	1,344	0	25	602	479	-1,120	-32	77	578	2	643

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

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

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

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

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

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

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

Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, March 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	895	21	--	--	378	-651	-68	33	541	--	0
Hydrocarbon Gas Liquids	524	-15	0	10	26	-472	--	4	17	0	52
Natural Gas Liquids	524	-15	0	6	26	-472	--	3	17	0	50
Ethane	161	--	--	--	--	-158	--	2	--	--	1
Propane	183	--	--	6	26	-161	--	-3	--	0	58
Normal Butane	71	--	--	0	0	-65	--	5	6	0	-5
Isobutane	32	--	--	0	--	-30	--	-1	6	--	-4
Natural Gasoline	77	-15	0	--	--	-57	--	-1	6	0	0
Refinery Olefins	--	--	--	4	--	--	--	1	--	--	3
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	2	--	--	--	0	--	--	2
Normal Butylene	--	--	--	2	--	--	--	1	--	--	1
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-6	24	--	5	28	11	2	54	1	4
Hydrogen/Biofuels/Other Hydrocarbons	--	--	24	--	0	2	12	-3	36	1	4
Hydrogen	--	--	--	--	--	--	7	--	7	--	0
Biofuels (including Fuel Ethanol)	--	--	24	--	0	2	6	-3	30	1	4
Fuel Ethanol	--	--	10	--	--	11	6	-2	28	1	0
Biofuels (excluding Fuel Ethanol)	--	--	14	--	0	-9	--	-1	2	--	4
Biodiesel	--	--	--	--	0	1	--	0	1	--	0
Renewable Diesel Fuel	--	--	11	--	--	-10	--	-1	--	NA	3
Other Biofuels ⁶	--	--	2	--	--	--	--	0	1	NA	1
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-6	--	--	--	--	--	-5	-1	0	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	4	25	-1	9	19	--	0
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	4	25	-1	9	19	--	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	630	7	-12	-4	-12	--	1	632
Finished Motor Gasoline	--	--	--	326	--	-10	-4	-4	--	0	315
Reformulated	--	--	--	--	--	--	--	--	--	--	0
Conventional	--	--	--	326	--	-10	-4	-4	--	0	315
Finished Aviation Gasoline	--	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	--	35	2	26	--	-4	--	--	67
Kerosene	--	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	0	185	2	-1	--	-14	--	--	199
15 ppm sulfur and under	--	--	0	185	2	-1	--	-12	--	--	197
Greater than 15 to 500 ppm sulfur	--	--	--	1	--	--	--	-2	--	--	2
Greater than 500 ppm sulfur	--	--	--	0	--	--	--	0	--	--	0
Residual Fuel Oil	--	--	--	10	0	--	--	-1	--	--	11
Less than 0.31 percent sulfur	--	--	--	5	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	1	0	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	4	--	--	--	-1	--	NA	NA
Petrochemical Feedstocks	--	--	--	2	--	--	--	--	--	--	2
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	2	--	--	--	--	--	--	2
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	--	22	--	-14	--	1	--	--	7
Marketable	--	--	--	16	--	-14	--	1	--	--	1
Catalyst	--	--	--	6	--	--	--	--	--	--	6
Asphalt and Road Oil	--	--	--	28	3	-13	--	10	--	0	8
Still Gas	--	--	--	21	--	--	--	--	--	--	21
Miscellaneous Products	--	--	--	1	--	--	--	0	--	--	1
Total	1,419	0	24	640	416	-1,107	-62	27	612	2	689

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

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

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

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

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

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

Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, April 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	909	18	--	--	323	-651	-78	7	513	--	0
Hydrocarbon Gas Liquids	533	-17	0	15	16	-478	--	21	16	0	32
Natural Gas Liquids	533	-17	0	10	16	-478	--	20	16	0	27
Ethane	161	--	--	--	--	-161	--	0	--	--	0
Propane	186	--	--	7	16	-162	--	5	--	0	42
Normal Butane	73	--	--	5	--	-66	--	16	5	--	-9
Isobutane	33	--	--	-2	--	-31	--	0	5	--	-6
Natural Gasoline	80	-17	0	--	--	-58	--	0	6	--	0
Refinery Olefins	--	--	--	6	--	--	--	1	--	--	5
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	1	--	--	--	0	--	--	1
Normal Butylene	--	--	--	4	--	--	--	1	--	--	4
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-1	30	--	3	30	10	-14	75	4	8
Hydrogen/Biofuels/Other Hydrocarbons	--	--	30	--	0	4	14	2	37	2	8
Hydrogen	--	--	--	--	--	--	6	--	6	--	0
Biofuels (including Fuel Ethanol)	--	--	30	--	0	4	8	2	31	2	8
Fuel Ethanol	--	--	13	--	--	11	8	0	29	1	0
Biofuels (excluding Fuel Ethanol)	--	--	18	--	0	-6	--	2	2	0	8
Biodiesel	--	--	--	--	0	0	--	0	1	0	0
Renewable Diesel Fuel	--	--	16	--	--	-7	--	2	--	NA	7
Other Biofuels ⁶	--	--	2	--	--	--	--	0	1	NA	2
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-1	--	--	--	--	--	-2	-1	2	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	2	26	-4	-15	40	0	0
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	2	26	-4	-15	40	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	613	7	5	-4	-3	--	1	624
Finished Motor Gasoline	--	--	--	330	--	-4	-4	-3	--	0	324
Reformulated	--	--	--	--	--	--	--	--	--	--	0
Conventional	--	--	--	330	--	-4	-4	-3	--	0	324
Finished Aviation Gasoline	--	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	--	32	2	27	--	6	--	--	55
Kerosene	--	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	0	172	3	2	--	-11	--	--	189
15 ppm sulfur and under	--	--	0	173	3	2	--	-10	--	--	189
Greater than 15 to 500 ppm sulfur	--	--	--	0	--	--	--	0	--	--	0
Greater than 500 ppm sulfur	--	--	--	-1	--	--	--	-1	--	--	0
Residual Fuel Oil	--	--	--	10	--	--	--	0	--	--	10
Less than 0.31 percent sulfur	--	--	--	4	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	1	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	5	--	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	1	--	--	--	--	--	--	1
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	1	--	--	--	--	--	--	1
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	1	-1
Waxes	--	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	--	22	--	-13	--	0	--	--	9
Marketable	--	--	--	15	--	-13	--	0	--	--	2
Catalyst	--	--	--	7	--	--	--	--	--	--	7
Asphalt and Road Oil	--	--	--	25	2	-8	--	4	--	0	14
Still Gas	--	--	--	20	--	--	--	--	--	--	20
Miscellaneous Products	--	--	--	2	--	--	--	0	--	--	1
Total	1,442	0	30	628	349	-1,095	-72	10	605	4	663

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

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

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

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

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

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

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

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

Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, May 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	931	19	--	--	353	-746	-22	6	528	--	0
Hydrocarbon Gas Liquids	561	-19	0	15	11	-484	--	31	15	0	36
Natural Gas Liquids	561	-19	0	10	11	-484	--	32	15	0	31
Ethane	178	--	--	--	--	-168	--	1	--	--	9
Propane	190	--	--	6	11	-164	--	10	--	0	33
Normal Butane	75	--	--	5	--	-63	--	20	3	--	-7
Isobutane	34	--	--	-1	--	-31	--	0	6	--	-4
Natural Gasoline	84	-19	0	--	0	-58	--	1	6	0	0
Refinery Olefins	--	--	--	5	--	--	--	0	--	--	5
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	1	--	--	--	0	--	--	1
Normal Butylene	--	--	--	4	--	--	--	0	--	--	4
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	0	37	--	1	34	11	0	74	3	6
Hydrogen/Biofuels/Other Hydrocarbons	--	--	37	--	0	3	11	4	39	2	6
Hydrogen	--	--	--	--	--	--	6	--	6	--	0
Biofuels (including Fuel Ethanol)	--	--	37	--	0	3	4	4	33	2	6
Fuel Ethanol	--	--	13	--	--	15	4	1	30	1	0
Biofuels (excluding Fuel Ethanol)	--	--	24	--	0	-11	--	3	3	1	6
Biodiesel	--	--	--	--	0	1	--	0	1	1	-1
Renewable Diesel Fuel	--	--	20	--	--	-13	--	3	--	NA	5
Other Biofuels ⁶	--	--	4	--	--	--	--	1	1	NA	2
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	0	--	--	--	--	--	10	-11	1	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	1	31	0	-14	46	0	0
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	1	31	0	-14	46	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	618	6	8	-4	-11	--	1	638
Finished Motor Gasoline	--	--	--	332	--	-1	-4	-3	--	0	329
Reformulated	--	--	--	--	--	--	--	--	--	--	0
Conventional	--	--	--	332	--	-1	-4	-3	--	0	329
Finished Aviation Gasoline	--	--	--	0	0	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	0	31	1	20	--	1	--	--	52
Kerosene	--	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	0	171	3	15	--	-8	--	--	197
15 ppm sulfur and under	--	--	0	170	3	15	--	-10	--	--	197
Greater than 15 to 500 ppm sulfur	--	--	--	1	--	--	--	1	--	--	0
Greater than 500 ppm sulfur	--	--	--	0	--	--	--	0	--	--	0
Residual Fuel Oil	--	--	--	10	--	--	--	-1	--	--	11
Less than 0.31 percent sulfur	--	--	--	5	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	0	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	4	--	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	2	--	--	--	--	--	--	2
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	2	--	--	--	--	--	--	2
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	--	20	--	-17	--	-1	--	0	5
Marketable	--	--	--	14	--	-17	--	-1	--	0	-2
Catalyst	--	--	--	6	--	--	--	--	--	--	6
Asphalt and Road Oil	--	--	--	32	2	-9	--	2	--	0	23
Still Gas	--	--	--	19	--	--	--	--	--	--	19
Miscellaneous Products	--	--	--	1	--	--	--	0	--	0	1
Total	1,492	0	37	633	371	-1,188	-16	27	617	4	681

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

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

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

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

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

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

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

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

Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, June 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	946	14	--	--	368	-719	-44	-44	610	--	0
Hydrocarbon Gas Liquids	549	-11	0	16	9	-518	--	29	15	0	-1
Natural Gas Liquids	549	-11	0	12	9	-518	--	28	15	0	-4
Ethane	162	--	--	--	--	-181	--	-4	--	0	-14
Propane	192	--	--	8	9	-171	--	13	--	0	25
Normal Butane	75	--	--	5	--	-64	--	18	3	0	-6
Isobutane	34	--	--	-1	--	-35	--	1	6	--	-9
Natural Gasoline	86	-11	0	--	0	-67	--	1	7	0	0
Refinery Olefins	--	--	--	4	--	--	--	0	--	--	4
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	1	--	--	--	0	--	--	1
Normal Butylene	--	--	--	3	--	--	--	0	--	--	3
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-3	32	--	1	31	12	-15	76	3	8
Hydrogen/Biofuels/Other Hydrocarbons	--	--	32	--	0	4	11	-3	41	1	8
Hydrogen	--	--	--	--	--	--	7	--	7	--	0
Biofuels (including Fuel Ethanol)	--	--	32	--	0	4	4	-3	34	1	8
Fuel Ethanol	--	--	13	--	--	14	4	-1	31	1	0
Biofuels (excluding Fuel Ethanol)	--	--	19	--	0	-11	--	-3	3	0	8
Biodiesel	--	--	--	--	0	1	--	0	1	0	0
Renewable Diesel Fuel	--	--	16	--	--	-12	--	-2	--	NA	6
Other Biofuels ⁶	--	--	3	--	--	--	--	0	2	NA	2
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-3	--	--	--	--	--	-11	6	2	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	0	27	1	-1	29	--	0
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	0	27	1	-1	29	--	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	708	5	-8	-5	21	--	0	678
Finished Motor Gasoline	--	--	--	363	--	-12	-5	6	--	0	341
Reformulated	--	--	--	--	--	--	--	--	--	--	0
Conventional	--	--	--	363	--	-12	-5	6	--	0	341
Finished Aviation Gasoline	--	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	0	34	1	26	--	-2	--	--	63
Kerosene	--	--	--	--	--	--	--	--	--	--	--
Distillate Fuel Oil	--	--	0	213	2	4	--	19	--	--	200
15 ppm sulfur and under	--	--	0	212	2	4	--	17	--	--	202
Greater than 15 to 500 ppm sulfur	--	--	--	0	--	--	--	1	--	--	-1
Greater than 500 ppm sulfur	--	--	--	1	--	--	--	1	--	--	-1
Residual Fuel Oil	--	--	--	11	--	--	--	0	--	--	11
Less than 0.31 percent sulfur	--	--	--	6	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	1	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	5	--	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	1	--	--	--	--	--	--	1
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	1	--	--	--	--	--	--	1
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	--	--	--
Petroleum Coke	--	--	--	24	--	-12	--	0	--	--	11
Marketable	--	--	--	16	--	-12	--	0	--	--	4
Catalyst	--	--	--	7	--	--	--	--	--	--	7
Asphalt and Road Oil	--	--	--	38	3	-15	--	-2	--	0	27
Still Gas	--	--	--	22	--	--	--	--	--	--	22
Miscellaneous Products	--	--	--	2	--	--	--	0	--	0	2
Total	1,495	0	32	723	382	-1,214	-37	-9	701	4	686

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

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

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

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

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

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

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

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

Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, July 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	934	18	--	--	360	-685	-44	-25	608	--	0
Hydrocarbon Gas Liquids	564	-13	0	15	9	-520	--	22	16	0	17
Natural Gas Liquids	564	-13	0	12	9	-520	--	23	16	0	13
Ethane	179	--	--	--	--	-184	--	5	--	0	-10
Propane	188	--	--	8	9	-168	--	7	--	0	31
Normal Butane	74	--	--	5	--	-68	--	12	5	0	-5
Isobutane	34	--	--	-1	--	-33	--	-2	5	--	-2
Natural Gasoline	88	-13	0	--	--	-67	--	1	6	0	0
Refinery Olefins	--	--	--	3	--	--	--	-1	--	--	4
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	1	--	--	--	0	--	--	1
Normal Butylene	--	--	--	2	--	--	--	-1	--	--	3
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-4	32	--	1	45	16	2	77	4	6
Hydrogen/Biofuels/Other Hydrocarbons	--	--	32	--	0	8	9	-1	42	3	6
Hydrogen	--	--	--	--	--	--	7	--	7	--	0
Biofuels (including Fuel Ethanol)	--	--	32	--	0	8	2	-1	35	3	6
Fuel Ethanol	--	--	13	--	--	18	2	-1	33	1	0
Biofuels (excluding Fuel Ethanol)	--	--	19	--	0	-9	--	0	2	1	6
Biodiesel	--	--	--	--	0	1	--	0	2	1	-2
Renewable Diesel Fuel	--	--	16	--	--	-10	--	0	--	NA	6
Other Biofuels ⁶	--	--	3	--	--	--	--	0	1	NA	3
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-4	--	--	--	--	--	-6	1	1	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	0	36	7	9	35	0	0
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	0	36	7	9	35	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	712	6	-8	-9	-15	--	1	715
Finished Motor Gasoline	--	--	--	378	--	-10	-9	0	--	0	358
Reformulated	--	--	--	--	--	--	--	--	--	--	0
Conventional	--	--	--	378	--	-10	-9	0	--	0	358
Finished Aviation Gasoline	--	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	0	40	1	28	--	0	--	--	68
Kerosene	--	--	--	--	--	--	--	--	--	--	--
Distillate Fuel Oil	--	--	0	197	2	-2	--	-8	--	--	205
15 ppm sulfur and under	--	--	0	199	2	-2	--	-5	--	--	205
Greater than 15 to 500 ppm sulfur	--	--	--	-1	--	--	--	-2	--	--	0
Greater than 500 ppm sulfur	--	--	--	-1	--	--	--	-1	--	--	0
Residual Fuel Oil	--	--	--	11	--	--	--	0	--	--	12
Less than 0.31 percent sulfur	--	--	--	6	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	1	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	4	--	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	3	--	--	--	--	--	--	3
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	3	--	--	--	--	--	--	3
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	--	24	--	-7	--	2	--	0	15
Marketable	--	--	--	17	--	-7	--	2	--	0	8
Catalyst	--	--	--	7	--	--	--	--	--	--	7
Asphalt and Road Oil	--	--	--	35	2	-16	--	-9	--	0	30
Still Gas	--	--	--	22	--	--	--	--	--	--	22
Miscellaneous Products	--	--	--	2	--	--	--	0	--	--	2
Total	1,498	0	32	728	376	-1,168	-37	-16	701	5	738

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

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

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

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

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

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

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

Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, August 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	963	25	--	--	428	-724	-87	-15	620	--	0
Hydrocarbon Gas Liquids	583	-21	0	18	7	-512	--	26	14	0	34
Natural Gas Liquids	583	-21	0	15	7	-512	--	24	14	0	33
Ethane	176	--	--	--	--	-176	--	2	--	--	-2
Propane	196	--	--	9	6	-171	--	5	--	0	34
Normal Butane	81	--	--	7	0	-64	--	16	4	0	3
Isobutane	37	--	--	0	--	-33	--	1	6	--	-3
Natural Gasoline	94	-21	0	--	0	-68	--	0	4	0	0
Refinery Olefins	--	--	--	2	--	--	--	1	--	--	1
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	1	--	--	--	0	--	--	1
Normal Butylene	--	--	--	2	--	--	--	1	--	--	1
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-4	30	--	1	36	12	4	57	5	9
Hydrogen/Biofuels/Other Hydrocarbons	--	--	30	--	1	7	16	-3	43	4	9
Hydrogen	--	--	--	--	--	--	8	--	8	--	0
Biofuels (including Fuel Ethanol)	--	--	30	--	1	7	9	-3	35	4	9
Fuel Ethanol	--	--	12	--	--	14	9	0	32	3	0
Biofuels (excluding Fuel Ethanol)	--	--	18	--	1	-7	--	-2	3	1	9
Biodiesel	--	--	--	--	1	2	--	0	2	1	0
Renewable Diesel Fuel	--	--	15	--	--	-10	--	-2	--	NA	7
Other Biofuels ⁶	--	--	2	--	--	--	--	0	1	NA	2
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-4	--	--	--	--	--	1	-6	1	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	1	29	-4	5	20	0	0
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	1	29	-4	5	20	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	700	5	0	-4	-29	--	1	729
Finished Motor Gasoline	--	--	--	361	--	-10	-4	-5	--	0	352
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	361	--	-10	-4	-5	--	0	352
Finished Aviation Gasoline	--	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	0	43	0	25	--	4	--	0	64
Kerosene	--	--	--	0	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	0	199	2	5	--	-15	--	0	221
15 ppm sulfur and under	--	--	0	199	2	5	--	-15	--	0	220
Greater than 15 to 500 ppm sulfur	--	--	--	0	--	--	--	0	--	--	0
Greater than 500 ppm sulfur	--	--	--	1	--	--	--	0	--	--	0
Residual Fuel Oil	--	--	--	12	--	--	--	-1	--	--	12
Less than 0.31 percent sulfur	--	--	--	6	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	1	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	4	--	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	1	--	--	--	--	--	--	1
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	1	--	--	--	--	--	--	1
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	1	-1
Waxes	--	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	--	24	--	-4	--	-1	--	--	21
Marketable	--	--	--	17	--	-4	--	-1	--	--	14
Catalyst	--	--	--	7	--	--	--	--	--	--	7
Asphalt and Road Oil	--	--	--	37	2	-16	--	-12	--	0	34
Still Gas	--	--	--	22	--	--	--	--	--	--	22
Miscellaneous Products	--	--	--	2	--	--	--	0	--	--	2
Total	1,546	0	30	718	440	-1,200	-79	-15	691	5	772

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

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

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

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

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

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

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

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

Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, September 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	962	22	--	--	413	-642	-105	15	635	--	0
Hydrocarbon Gas Liquids	588	-20	0	12	9	-533	--	7	18	0	30
Natural Gas Liquids	588	-20	0	7	9	-533	--	6	18	0	27
Ethane	189	--	--	--	--	-192	--	5	--	--	-8
Propane	195	--	--	8	9	-171	--	3	--	0	37
Normal Butane	77	--	--	-1	0	-68	--	1	5	0	1
Isobutane	35	--	--	0	--	-33	--	0	6	--	-4
Natural Gasoline	92	-20	0	--	0	-69	--	-3	6	0	0
Refinery Olefins	--	--	--	5	--	--	--	1	--	--	4
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	1	--	--	--	0	--	--	1
Normal Butylene	--	--	--	4	--	--	--	1	--	--	3
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-2	31	--	1	14	26	-4	66	4	4
Hydrogen/Biofuels/Other Hydrocarbons	--	--	31	--	0	1	15	-1	42	2	4
Hydrogen	--	--	--	--	--	--	7	--	7	--	0
Biofuels (including Fuel Ethanol)	--	--	31	--	0	1	8	-1	34	2	4
Fuel Ethanol	--	--	13	--	--	13	8	0	31	2	0
Biofuels (excluding Fuel Ethanol)	--	--	18	--	0	-12	--	-1	3	0	4
Biodiesel	--	--	--	--	0	2	--	0	2	0	0
Renewable Diesel Fuel	--	--	15	--	--	-14	--	-1	--	NA	3
Other Biofuels ⁶	--	--	3	--	--	--	--	0	1	NA	2
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-2	--	--	--	--	--	-4	-1	2	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	0	14	11	1	24	0	0
Reformulated	--	--	--	--	--	7	--	15	10	--	--
Conventional	--	--	--	--	0	7	-7	-15	15	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	732	6	-5	-19	1	--	1	713
Finished Motor Gasoline	--	--	--	372	--	-13	-19	-2	--	0	342
Reformulated	--	--	--	10	--	--	-18	--	--	--	-8
Conventional	--	--	--	362	--	-13	-1	-2	--	0	350
Finished Aviation Gasoline	--	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	0	37	1	23	--	-3	--	--	63
Kerosene	--	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	0	221	2	8	--	12	--	--	218
15 ppm sulfur and under	--	--	0	222	2	8	--	12	--	--	220
Greater than 15 to 500 ppm sulfur	--	--	--	0	--	--	--	1	--	--	-1
Greater than 500 ppm sulfur	--	--	0	--	--	--	--	0	--	--	0
Residual Fuel Oil	--	--	--	14	--	--	--	1	--	--	13
Less than 0.31 percent sulfur	--	--	--	7	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	1	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	6	--	--	--	1	--	NA	NA
Petrochemical Feedstocks	--	--	--	2	--	--	--	--	--	--	2
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	2	--	--	--	--	--	--	2
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	--	22	--	-7	--	0	--	0	15
Marketable	--	--	--	15	--	-7	--	0	--	0	7
Catalyst	--	--	--	7	--	--	--	--	--	--	7
Asphalt and Road Oil	--	--	--	39	4	-15	--	-8	--	0	36
Still Gas	--	--	--	23	--	--	--	--	--	--	23
Miscellaneous Products	--	--	--	2	--	--	--	0	--	--	2
Total	1,550	0	31	744	429	-1,166	-97	19	719	5	747

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

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

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

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

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

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

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

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

Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, October 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	982	22	--	--	402	-680	-91	-4	639	--	0
Hydrocarbon Gas Liquids	597	-20	0	8	11	-555	--	-22	19	0	45
Natural Gas Liquids	597	-20	0	4	11	-555	--	-22	19	0	41
Ethane	194	--	--	--	--	-199	--	-1	--	--	-4
Propane	198	--	--	8	11	-176	--	1	--	0	40
Normal Butane	77	--	--	-2	0	-80	--	-21	7	0	9
Isobutane	36	--	--	-1	--	-34	--	-1	6	--	-4
Natural Gasoline	92	-20	0	--	--	-66	--	0	6	0	0
Refinery Olefins	--	--	--	3	--	--	--	0	--	--	4
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	1	--	--	--	0	--	--	1
Normal Butylene	--	--	--	3	--	--	--	0	--	--	3
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-2	32	--	1	-16	41	6	43	2	4
Hydrogen/Biofuels/Other Hydrocarbons	--	--	32	--	0	0	15	1	41	2	4
Hydrogen	--	--	--	--	--	--	8	--	8	--	0
Biofuels (including Fuel Ethanol)	--	--	32	--	0	0	8	1	33	2	4
Fuel Ethanol	--	--	14	--	--	12	8	0	31	2	0
Biofuels (excluding Fuel Ethanol)	--	--	19	--	0	-12	--	1	2	--	4
Biodiesel	--	--	--	--	0	1	--	0	1	--	0
Renewable Diesel Fuel	--	--	15	--	--	-13	--	1	--	NA	2
Other Biofuels ⁶	--	--	3	--	--	--	--	0	1	NA	2
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-2	--	--	--	--	--	3	-5	--	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	0	-16	26	1	8	0	0
Reformulated	--	--	--	--	--	11	--	-3	21	--	--
Conventional	--	--	--	--	0	-27	18	4	-13	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	725	5	-21	-33	-4	--	0	680
Finished Motor Gasoline	--	--	0	368	--	-15	-33	0	--	--	320
Reformulated	--	--	--	26	--	--	-8	--	--	--	18
Conventional	--	--	0	343	--	-15	-25	0	--	--	303
Finished Aviation Gasoline	--	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	0	37	1	26	--	4	--	--	60
Kerosene	--	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	0	222	2	-2	--	-1	--	--	223
15 ppm sulfur and under	--	--	0	224	2	-2	--	0	--	--	224
Greater than 15 to 500 ppm sulfur	--	--	--	-1	--	--	--	0	--	--	-1
Greater than 500 ppm sulfur	--	--	--	-1	--	--	--	-1	--	--	0
Residual Fuel Oil	--	--	--	12	--	--	--	0	--	--	12
Less than 0.31 percent sulfur	--	--	--	7	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	1	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	4	--	--	--	-1	--	NA	NA
Petrochemical Feedstocks	--	--	--	1	--	--	--	--	--	--	1
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	1	--	--	--	--	--	--	1
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	0	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	--	21	--	-14	--	0	--	0	7
Marketable	--	--	--	14	--	-14	--	0	--	0	0
Catalyst	--	--	--	7	--	--	--	--	--	--	7
Asphalt and Road Oil	--	--	--	39	3	-17	--	-7	--	0	32
Still Gas	--	--	--	22	--	--	--	--	--	--	22
Miscellaneous Products	--	--	--	3	--	--	--	0	--	0	3
Total	1,579	0	32	733	419	-1,272	-83	-25	701	3	729

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

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

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

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

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

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

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

Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, November 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,007	24	--	--	414	-763	-45	25	613	0	0
Hydrocarbon Gas Liquids	569	-22	0	5	14	-538	--	-23	20	0	29
Natural Gas Liquids	569	-22	0	2	14	-538	--	-22	20	0	25
Ethane	159	--	--	--	--	-165	--	-6	--	--	0
Propane	202	--	--	8	14	-181	--	-1	--	--	43
Normal Butane	79	--	--	-8	--	-86	--	-19	10	0	-6
Isobutane	36	--	--	1	--	-41	--	2	7	--	-13
Natural Gasoline	93	-22	0	--	0	-65	--	2	4	0	0
Refinery Olefins	--	--	--	3	--	--	--	-1	--	--	4
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	1	--	--	--	0	--	--	1
Normal Butylene	--	--	--	2	--	--	--	-1	--	--	4
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-2	26	--	1	-18	53	8	48	2	1
Hydrogen/Biofuels/Other Hydrocarbons	--	--	26	--	0	-1	16	-1	39	2	1
Hydrogen	--	--	--	--	--	--	7	--	7	--	0
Biofuels (including Fuel Ethanol)	--	--	26	--	0	-1	9	-1	32	2	1
Fuel Ethanol	--	--	13	--	--	10	9	0	30	2	0
Biofuels (excluding Fuel Ethanol)	--	--	12	--	0	-11	--	-1	2	--	1
Biodiesel	--	--	--	--	0	1	--	0	1	--	0
Renewable Diesel Fuel	--	--	10	--	--	-11	--	-1	--	NA	0
Other Biofuels ⁶	--	--	2	--	--	--	--	0	1	NA	2
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-2	--	--	--	--	--	1	-2	0	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	0	-18	37	8	12	0	0
Reformulated	--	--	--	--	--	11	--	3	42	--	--
Conventional	--	--	--	--	0	-28	2	5	-31	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	703	6	-23	-46	23	--	0	617
Finished Motor Gasoline	--	--	--	366	--	-15	-46	7	--	--	298
Reformulated	--	--	--	50	--	--	-35	--	--	--	16
Conventional	--	--	--	316	--	-15	-11	7	--	--	283
Finished Aviation Gasoline	--	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	--	33	1	26	--	0	--	--	59
Kerosene	--	--	--	0	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	0	216	2	1	--	17	--	--	202
15 ppm sulfur and under	--	--	0	215	2	1	--	16	--	--	201
Greater than 15 to 500 ppm sulfur	--	--	--	0	--	--	--	-1	--	--	1
Greater than 500 ppm sulfur	--	--	--	1	--	--	--	2	--	--	0
Residual Fuel Oil	--	--	--	12	--	--	--	0	--	--	12
Less than 0.31 percent sulfur	--	--	--	7	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	1	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	4	--	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	1	--	--	--	--	--	--	1
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	1	--	--	--	--	--	--	1
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	0	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	--	23	--	-17	--	0	--	--	6
Marketable	--	--	--	16	--	-17	--	0	--	--	-1
Catalyst	--	--	--	7	--	--	--	--	--	--	7
Asphalt and Road Oil	--	--	--	29	3	-18	--	-1	--	0	15
Still Gas	--	--	--	21	--	--	--	--	--	--	21
Miscellaneous Products	--	--	--	2	--	--	--	0	--	--	2
Total	1,577	0	25	708	434	-1,343	-38	33	681	2	647

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

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

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

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

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

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

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

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

Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, December 2023
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,017	21	--	--	444	-797	-73	37	576	0	0
Hydrocarbon Gas Liquids	553	-21	0	1	17	-529	--	-32	23	0	29
Natural Gas Liquids	553	-21	0	-1	17	-529	--	-32	23	0	27
Ethane	146	--	--	--	--	-160	--	-3	--	--	-11
Propane	201	--	--	7	16	-180	--	-3	--	--	47
Normal Butane	78	--	--	-8	0	-81	--	-26	12	--	3
Isobutane	36	--	--	0	0	-41	--	0	7	--	-11
Natural Gasoline	92	-21	0	--	0	-67	--	0	4	0	0
Refinery Olefins	--	--	--	2	--	--	--	0	--	--	2
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	0	--	--	--	0	--	--	0
Normal Butylene	--	--	--	2	--	--	--	0	--	--	1
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	0	40	--	0	-14	43	9	48	2	10
Hydrogen/Biofuels/Other Hydrocarbons	--	--	40	--	0	2	11	5	36	2	10
Hydrogen	--	--	--	--	--	--	7	--	7	--	0
Biofuels (including Fuel Ethanol)	--	--	40	--	0	2	5	5	30	2	10
Fuel Ethanol	--	--	14	--	--	11	5	0	29	2	0
Biofuels (excluding Fuel Ethanol)	--	--	26	--	0	-9	--	6	1	--	10
Biodiesel	--	--	--	--	0	1	--	0	0	--	1
Renewable Diesel Fuel	--	--	22	--	--	-10	--	5	--	NA	7
Other Biofuels ⁶	--	--	4	--	--	--	--	1	1	NA	3
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	0	--	--	--	--	--	1	-1	--	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	0	-16	32	2	13	0	0
Reformulated	--	--	--	--	--	21	--	3	58	--	--
Conventional	--	--	--	--	0	-37	-9	-1	-45	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	672	8	-14	-36	21	--	0	608
Finished Motor Gasoline	--	--	--	354	--	-17	-36	5	--	0	295
Reformulated	--	--	--	67	--	--	-41	--	--	--	26
Conventional	--	--	--	287	--	-17	5	5	--	0	270
Finished Aviation Gasoline	--	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	0	34	0	26	--	-3	--	--	62
Kerosene	--	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	0	199	2	-2	--	11	--	--	189
15 ppm sulfur and under	--	--	0	198	2	-2	--	9	--	--	189
Greater than 15 to 500 ppm sulfur	--	--	--	1	--	--	--	1	--	--	0
Greater than 500 ppm sulfur	--	--	--	1	--	--	--	1	--	--	0
Residual Fuel Oil	--	--	--	11	0	--	--	0	--	--	11
Less than 0.31 percent sulfur	--	--	--	7	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	0	0	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	3	--	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	1	--	--	--	--	--	--	1
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	1	--	--	--	--	--	--	1
Special Naphthas	--	--	--	--	0	--	--	--	--	--	0
Lubricants	--	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	--	--	--
Petroleum Coke	--	--	--	22	--	-10	--	0	--	--	12
Marketable	--	--	--	15	--	-10	--	0	--	--	5
Catalyst	--	--	--	7	--	--	--	--	--	--	7
Asphalt and Road Oil	--	--	--	28	5	-11	--	7	--	0	15
Still Gas	--	--	--	21	--	--	--	--	--	--	21
Miscellaneous Products	--	--	--	2	--	--	--	0	--	0	2
Total	1,570	0	40	672	469	-1,354	-66	35	647	2	647

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

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

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

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

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

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

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