

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, 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	342,769	7,289	--	--	143,819	-258,820	-24,554	1,406	209,095	1	0	25,827
Hydrocarbon Gas Liquids	200,250	-6,287	-109	3,567	5,930	-183,080	--	1,060	6,414	71	12,726	7,177
Natural Gas Liquids	200,250	-6,287	-109	2,467	5,929	-183,080	--	1,036	6,414	71	11,649	7,075
Ethane	60,251	--	--	--	--	-61,356	--	44	--	1	-1,150	1,080
Propane	69,107	--	--	2,575	5,798	-61,228	--	687	--	18	15,547	3,082
Normal Butane	27,220	--	--	88	108	-25,521	--	274	2,312	5	-696	1,685
Isobutane	12,377	--	--	-196	1	-12,139	--	29	2,066	--	-2,052	454
Natural Gasoline	31,295	-6,287	-109	--	22	-22,836	--	2	2,036	47	0	774
Refinery Olefins	--	--	--	1,100	1	--	--	24	--	--	1,077	102
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	254	1	--	--	-9	--	--	264	1
Normal Butylene	--	--	--	846	--	--	--	33	--	--	813	101
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-1,002	11,092	--	684	6,941	8,024	519	22,114	981	2,126	10,417
Hydrogen/Biofuels/Other Hydrocarbons	--	--	11,092	--	129	1,283	4,493	116	14,086	669	2,126	739
Hydrogen	--	--	--	--	--	--	2,478	--	2,478	--	0	--
Biofuels (including Fuel Ethanol)	--	--	11,092	--	129	1,283	2,015	116	11,608	669	2,126	739
Fuel Ethanol	--	--	4,544	--	--	4,814	2,015	-25	10,851	548	0	359
Biofuels (excluding Fuel Ethanol)	--	--	6,548	--	129	-3,531	--	142	757	122	2,126	380
Biodiesel	--	--	--	--	129	347	--	-3	406	122	-48	11
Renewable Diesel Fuel	--	--	5,516	--	--	-3,878	--	117	--	NA	1,521	323
Other Biofuels ⁶	--	--	1,032	--	--	--	--	28	351	NA	653	46
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-1,002	--	--	--	--	--	47	-1,320	271	0	3,042
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	555	5,658	3,531	356	9,348	40	0	6,636
Reformulated	--	--	--	--	--	1,508	3,072	568	4,012	--	--	568
Conventional	--	--	--	--	555	4,150	459	-212	5,336	40	0	6,068
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	-9	243,223	2,163	-1,918	-5,546	1,061	--	199	236,653	8,864
Finished Motor Gasoline	--	--	0	126,889	--	-3,773	-5,546	129	--	9	117,432	1,266
Reformulated	--	--	--	4,655	--	--	-3,090	--	--	--	1,565	--
Conventional	--	--	0	122,234	--	-3,773	-2,456	129	--	9	115,867	1,266
Finished Aviation Gasoline	--	--	--	64	1	--	--	-2	--	--	67	7
Kerosene-Type Jet Fuel	--	--	0	12,263	337	9,603	--	101	--	0	22,102	856
Kerosene	--	--	--	2	--	--	--	0	--	--	2	2
Distillate Fuel Oil	--	--	-9	71,289	723	1,151	--	854	--	0	72,300	4,560
15 ppm sulfur and under	--	--	-9	71,229	723	1,151	--	799	--	0	72,295	4,309
Greater than 15 to 500 ppm sulfur	--	--	--	38	--	--	--	-1	--	--	39	147
Greater than 500 ppm sulfur	--	--	--	22	--	--	--	56	--	--	-34	104
Residual Fuel Oil	--	--	--	4,102	22	--	--	-7	--	--	4,131	203
Less than 0.31 percent sulfur	--	--	--	2,211	0	--	--	-2	--	NA	NA	24
0.31 to 1.00 percent sulfur	--	--	--	291	11	--	--	0	--	NA	NA	4
Greater than 1.00 percent sulfur	--	--	--	1,600	11	--	--	-5	--	NA	NA	175
Petrochemical Feedstocks	--	--	--	538	--	--	--	--	--	--	538	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	538	--	--	--	--	--	--	538	--
Special Naphthas	--	--	--	--	1	--	--	--	--	--	1	--
Lubricants	--	--	--	--	3	--	--	--	--	167	-164	--
Waxes	--	--	--	--	--	--	--	--	--	2	-2	--
Petroleum Coke	--	--	--	8,229	--	-3,993	--	35	--	1	4,201	132
Marketable	--	--	--	5,701	--	-3,993	--	35	--	1	1,673	132
Catalyst	--	--	--	2,528	--	--	--	--	--	--	2,528	--
Asphalt and Road Oil	--	--	--	11,429	1,076	-4,906	--	-53	--	19	7,633	1,818
Still Gas	--	--	--	7,716	--	--	--	--	--	--	7,716	--
Miscellaneous Products	--	--	--	702	--	--	--	4	--	0	698	20
Total	543,019	0	10,974	246,790	152,596	-436,877	-22,076	4,047	237,623	1,252	251,505	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.