

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, 2022
(Thousand Barrels)

Commodity	PAD District 1			PAD District 2			PAD District 3		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	42,469	6,054	36,415	531,223	745,867	-214,644	636,690	251,884	384,807
Petroleum Products	1,471,896	202,235	1,269,661	698,069	1,033,670	-335,601	612,021	1,525,660	-913,639
Natural Gas Liquids	110,518	87,207	23,311	458,438	625,222	-166,784	462,811	151,907	310,904
Ethane	993	63,151	-62,158	155,205	230,132	-74,927	215,572	15,035	200,537
Propane	86,488	11,866	74,622	117,816	231,730	-113,914	134,059	40,887	93,172
Normal Butane	21,692	3,679	18,013	45,271	88,103	-42,833	49,675	7,304	42,371
Isobutane	1,345	5,422	-4,076	32,252	24,863	7,388	20,994	13,982	7,012
Natural Gasoline	0	3,089	-3,089	107,894	50,393	57,501	42,510	74,698	-32,188
Refinery Olefins	3,692	0	3,692	0	9,747	-9,747	6,055	0	6,055
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	3,692	0	3,692	0	9,747	-9,747	6,055	0	6,055
Normal Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	394	445	-51	4,759	12,721	-7,962	12,721	4,984	7,737
Motor Gasoline Blending Components	693,434	76,806	616,628	123,915	57,617	66,298	19,974	764,292	-744,318
Reformulated - RBOB	96,847	0	96,847	15,389	1,815	13,574	1,775	135,178	-133,403
Conventional	596,587	76,806	519,781	108,526	55,802	52,724	18,199	629,114	-610,915
CBOB	585,410	76,806	508,604	106,019	54,219	51,800	16,616	615,382	-598,766
GTAB	0	0	-	-	-	-	0	0	-
Other	11,177	0	11,177	2,507	1,583	924	1,583	13,732	-12,149
Biofuels (including Fuel Ethanol)	106,891	66	106,825	179	227,172	-226,993	67,659	11,359	56,300
Fuel Ethanol	104,833	0	104,833	0	217,960	-217,960	64,549	5,296	59,253
Biodiesel	2,058	66	1,992	179	9,213	-9,034	3,110	1,040	2,069
Renewable Diesel Fuel	0	0	-	0	0	-	0	5,023	-5,023
Other Biofuels ²	-	-	-	0	0	-	0	0	-
Finished Motor Gasoline	28,746	916	27,830	18,665	10,696	7,969	1,226	33,879	-32,653
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	0	0	-	0	0	-	0	0	-
Conventional	28,746	916	27,830	18,665	10,696	7,969	1,226	33,879	-32,653
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	28,746	916	27,830	18,665	10,696	7,969	1,226	33,879	-32,653
Finished Aviation Gasoline	884	0	884	314	52	262	52	1,198	-1,146
Kerosene-Type Jet Fuel	173,532	4,157	169,375	19,492	10,257	9,235	293	189,777	-189,484
Kerosene	309	26	283	26	0	26	0	309	-309
Distillate Fuel Oil	329,360	32,159	297,201	63,240	37,775	25,465	11,828	350,416	-338,588
15 ppm sulfur and under	319,089	32,159	286,930	61,747	37,775	23,972	11,828	338,652	-326,824
Greater than 15 ppm to 500 ppm sulfur	73	0	73	1,444	0	1,444	0	1,517	-1,517
Greater than 500 ppm sulfur	10,198	0	10,198	49	0	49	0	10,247	-10,247
Residual Fuel Oil	265	0	265	36	10,464	-10,428	10,464	301	10,163
Petrochemical Feedstocks	0	31	-31	171	1,093	-922	1,124	171	953
Naphtha for Petrochemical Feedstock Use	0	0	-	136	893	-757	893	136	757
Other Oils for Petrochemical Feedstock Use	0	31	-31	35	200	-165	231	35	196
Special Naphthas	25	0	25	294	195	99	195	319	-124
Lubricants	5,945	0	5,945	2,444	269	2,175	365	8,273	-7,908
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	4,254	146	4,108	1,899	13,668	-11,769	10,822	700	10,121
Asphalt and Road Oil	13,647	277	13,370	4,108	16,722	-12,614	6,432	7,684	-1,252
Miscellaneous Products	0	0	-	90	0	90	0	90	-90
Total	1,514,365	208,289	1,306,076	1,229,292	1,779,537	-550,244	1,248,711	1,777,543	-528,832

See footnotes at end of table.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, 2022
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	74,618	311,428	-236,810	30,232	0	30,232
Petroleum Products	166,278	338,187	-171,909	153,424	1,936	151,488
Natural Gas Liquids	118,217	298,736	-180,519	13,088	0	13,088
Ethane	34,534	97,986	-63,452	0	0	-
Propane	43,387	102,373	-58,986	5,106	0	5,106
Normal Butane	18,571	42,358	-23,787	6,236	0	6,236
Isobutane	6,575	18,645	-12,070	1,746	0	1,746
Natural Gasoline	15,150	37,374	-22,224	0	0	-
Refinery Olefins	0	0	-	0	0	-
Ethylene	-	-	-	-	-	-
Propylene	0	0	-	0	0	-
Normal Butylene	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-
Unfinished Oils	0	0	-	276	0	276
Motor Gasoline Blending Components	22,697	15,988	6,709	54,683	0	54,683
Reformulated - RBOB	40	0	40	22,942	0	22,942
Conventional	22,657	15,988	6,669	31,741	0	31,741
CBOB	22,657	15,988	6,669	31,693	0	31,693
GTAB	-	-	-	0	0	-
Other	0	0	-	48	0	48
Biofuels (including Fuel Ethanol)	5,257	818	4,438	59,458	28	59,430
Fuel Ethanol	4,939	818	4,121	49,753	0	49,753
Biodiesel	318	0	318	4,682	28	4,654
Renewable Diesel Fuel	0	0	-	5,023	0	5,023
Other Biofuels ²	0	0	-	0	0	-
Finished Motor Gasoline	1,284	5,501	-4,217	1,071	0	1,071
Reformulated	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-
Conventional	1,284	5,501	-4,217	1,071	0	1,071
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-
Conventional Other	1,284	5,501	-4,217	1,071	0	1,071
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	8,448	850	7,598	3,276	0	3,276
Kerosene	0	0	-	0	0	-
Distillate Fuel Oil	9,447	8,027	1,420	14,502	0	14,502
15 ppm sulfur and under	9,447	8,027	1,420	14,502	0	14,502
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	0	-
Greater than 500 ppm sulfur	0	0	-	0	0	-
Residual Fuel Oil	0	0	-	0	0	-
Petrochemical Feedstocks	-	-	-	0	0	-
Naphtha for Petrochemical Feedstock Use	-	-	-	0	0	-
Other Oils for Petrochemical Feedstock Use	-	-	-	0	0	-
Special Naphthas	0	0	-	0	0	-
Lubricants	0	0	-	0	212	-212
Waxes	0	0	-	0	0	-
Marketable Petroleum Coke	613	2,557	-1,945	970	1,485	-515
Asphalt and Road Oil	316	5,709	-5,393	6,100	211	5,889
Miscellaneous Products	0	0	-	0	0	-
Total	240,896	649,615	-408,719	183,657	1,936	181,720

- = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.