

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, 2023
(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	28,702	4,835	23,867	578,687	862,379	-283,692	745,204	268,243	476,961
Petroleum Products	1,506,844	205,138	1,301,705	721,928	1,107,346	-385,418	647,785	1,559,776	-911,992
Natural Gas Liquids	113,977	90,805	23,172	480,562	680,821	-200,259	499,275	154,230	345,045
Ethane	2,885	68,980	-66,095	155,567	236,624	-81,057	220,631	12,123	208,508
Propane	87,381	12,067	75,314	124,280	260,613	-136,334	153,425	37,364	116,062
Normal Butane	22,322	3,492	18,829	48,930	98,505	-49,575	56,493	7,240	49,253
Isobutane	1,389	5,512	-4,122	31,210	27,884	3,326	22,563	11,549	11,013
Natural Gasoline	0	754	-754	120,575	57,194	63,381	46,163	85,954	-39,791
Refinery Olefins	2,698	0	2,698	0	8,697	-8,697	5,998	0	5,998
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	2,698	0	2,698	0	8,697	-8,697	5,998	0	5,998
Normal Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	765	444	321	3,780	12,508	-8,728	12,968	4,101	8,867
Motor Gasoline Blending Components	720,493	76,098	644,395	128,970	54,766	74,204	16,682	793,604	-776,922
Reformulated - RBOB	98,460	0	98,460	23,034	2,315	20,719	807	141,195	-140,388
Conventional	622,033	76,098	545,935	105,936	52,451	53,485	15,875	652,409	-636,534
CBOB	613,664	76,098	537,566	102,495	50,719	51,776	14,093	640,441	-626,348
GTAB	0	0	-	-	-	-	0	0	-
Other	8,369	0	8,369	3,441	1,732	1,709	1,782	11,968	-10,186
Biofuels (including Fuel Ethanol)	112,846	34	112,811	129	246,797	-246,668	72,615	22,192	50,423
Fuel Ethanol	111,401	0	111,401	0	233,400	-233,400	69,557	4,283	65,274
Biodiesel	1,412	34	1,377	88	8,297	-8,209	3,058	391	2,667
Renewable Diesel Fuel	33	0	33	41	5,100	-5,059	0	17,518	-17,518
Other Biofuels ²	0	0	0	0	0	-	0	0	0
Finished Motor Gasoline	26,909	892	26,017	13,294	11,027	2,267	1,634	27,219	-25,585
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	26,909	892	26,017	13,294	11,027	2,267	1,634	27,219	-25,585
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	26,909	892	26,017	13,294	11,027	2,267	1,634	27,219	-25,585
Finished Aviation Gasoline	1,180	0	1,180	309	0	309	0	1,489	-1,489
Kerosene-Type Jet Fuel	186,475	4,873	181,602	22,280	16,488	5,792	1,000	200,747	-199,747
Kerosene	987	0	987	0	0	-	0	987	-987
Distillate Fuel Oil	315,807	31,388	284,419	64,408	34,630	29,778	10,676	339,657	-328,981
15 ppm sulfur and under	312,734	31,388	281,346	63,075	34,578	28,497	10,624	335,251	-324,627
Greater than 15 ppm to 500 ppm sulfur	99	0	99	1,262	52	1,210	52	1,361	-1,309
Greater than 500 ppm sulfur	2,974	0	2,974	71	0	71	0	3,045	-3,045
Residual Fuel Oil	57	0	57	0	7,893	-7,893	7,893	57	7,836
Petrochemical Feedstocks	300	0	300	276	1,073	-797	1,073	576	497
Naphtha for Petrochemical Feedstock Use	300	0	300	276	851	-575	851	576	275
Other Oils for Petrochemical Feedstock Use	0	0	-	0	222	-222	222	0	222
Special Naphthas	148	0	148	251	0	251	0	399	-399
Lubricants	4,894	0	4,894	2,056	226	1,830	241	6,977	-6,736
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	4,654	102	4,551	2,225	14,093	-11,868	11,208	786	10,422
Asphalt and Road Oil	14,653	501	14,152	3,276	18,328	-15,052	6,521	6,642	-121
Miscellaneous Products	0	0	-	113	0	113	0	113	-113
Total	1,535,546	209,973	1,325,573	1,300,615	1,969,725	-669,110	1,392,989	1,828,019	-435,030

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, 2023
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	82,355	341,175	-258,820	41,684	0	41,684
Petroleum Products	179,110	357,166	-178,056	175,700	1,939	173,761
Natural Gas Liquids	129,867	312,947	-183,080	15,122	0	15,122
Ethane	31,055	92,411	-61,356	0	0	—
Propane	51,125	112,353	-61,228	6,187	0	6,187
Normal Butane	21,496	47,017	-25,521	7,014	0	7,014
Isobutane	7,546	19,685	-12,139	1,922	0	1,922
Natural Gasoline	18,645	41,481	-22,836	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	—	0	460	-460
Motor Gasoline Blending Components	22,002	16,344	5,658	52,715	50	52,665
Reformulated - RBOB	1,508	0	1,508	19,701	0	19,701
Conventional	20,494	16,344	4,150	33,014	50	32,964
CBOB	20,494	16,344	4,150	32,856	0	32,856
GTAB	—	—	—	0	0	—
Other	0	0	—	158	50	108
Biofuels (including Fuel Ethanol)	5,924	4,641	1,283	82,270	120	82,150
Fuel Ethanol	5,533	718	4,814	51,911	0	51,911
Biodiesel	347	0	347	3,921	104	3,817
Renewable Diesel Fuel	44	3,922	-3,878	26,438	16	26,423
Other Biofuels ²	0	0	—	0	0	0
Finished Motor Gasoline	1,109	4,882	-3,773	1,074	0	1,074
Reformulated	0	0	—	0	0	—
Reformulated Blended with Fuel Ethanol	0	0	—	0	0	—
Reformulated Other	—	—	—	—	—	—
Conventional	1,109	4,882	-3,773	1,074	0	1,074
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	1,109	4,882	-3,773	1,074	0	1,074
Finished Aviation Gasoline	0	0	—	0	0	—
Kerosene-Type Jet Fuel	9,981	378	9,603	2,800	50	2,750
Kerosene	0	0	—	0	0	—
Distillate Fuel Oil	9,145	7,994	1,151	13,682	49	13,633
15 ppm sulfur and under	9,145	7,994	1,151	13,682	49	13,633
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	—	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	0	0	—
Other Oils for Petrochemical Feedstock Use	0	0	—	0	0	—
Special Naphthas	0	0	—	0	0	—
Lubricants	0	0	—	99	87	12
Waxes	0	0	—	0	0	—
Marketable Petroleum Coke	346	4,339	-3,993	1,720	832	888
Asphalt and Road Oil	736	5,642	-4,906	6,218	292	5,926
Miscellaneous Products	0	0	—	0	0	—
Total	261,465	698,342	-436,877	217,384	1,939	215,444

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, renewable diesel fuel, 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.