

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, 2019
(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	74,027	4,891	69,136	646,101	978,055	-331,953	799,199	368,181	431,018
Petroleum Products	1,522,967	200,814	1,322,154	591,940	870,803	-278,863	515,586	1,576,884	-1,061,298
Natural Gas Liquids	95,180	85,020	10,160	317,913	466,343	-148,430	366,510	114,162	252,348
Ethane	0	61,787	-61,787	102,617	145,600	-42,983	151,347	10,030	141,317
Propane	74,314	12,240	62,074	83,192	188,816	-105,624	115,271	31,998	83,273
Normal Butane	18,472	2,922	15,550	31,063	76,325	-45,262	47,250	5,424	41,826
Isobutane	2,394	4,939	-2,545	21,122	23,224	-2,102	19,584	7,447	12,137
Natural Gasoline	0	3,132	-3,132	79,919	32,378	47,541	33,058	59,263	-26,205
Refinery Olefins	3,138	0	3,138	0	7,045	-7,045	3,907	0	3,907
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	3,138	0	3,138	0	7,045	-7,045	3,907	0	3,907
Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	367	293	74	3,807	9,423	-5,616	9,584	3,881	5,703
Motor Gasoline Blending Components	707,740	77,777	629,963	158,321	53,596	104,725	22,209	814,951	-792,742
Reformulated - RBOB	99,914	0	99,914	38,209	2,716	35,493	2,536	164,823	-162,287
Conventional	607,826	77,777	530,049	120,112	50,880	69,232	19,673	650,128	-630,455
CBOB	606,462	77,749	528,713	113,602	47,394	66,208	16,187	642,105	-625,918
GTAB	0	0	-	-	-	-	0	0	-
Other	1,364	28	1,336	6,510	3,486	3,024	3,486	8,023	-4,537
Renewable Fuels	117,744	0	117,744	0	242,479	-242,479	74,059	8,074	65,985
Fuel Ethanol	115,045	0	115,045	0	233,750	-233,750	70,618	5,390	65,228
Renewable Diesel Fuel ²	2,699	0	2,699	0	8,730	-8,730	3,441	2,684	757
Other Renewable Fuels	-	-	-	0	10	0	0	0	0
Finished Motor Gasoline	53,206	998	52,208	15,905	10,981	4,924	3,053	58,464	-55,411
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	53,206	998	52,208	15,905	10,981	4,924	3,053	58,464	-55,411
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	53,206	998	52,208	15,905	10,981	4,924	3,053	58,464	-55,411
Finished Aviation Gasoline	954	0	954	179	0	179	0	1,133	-1,133
Kerosene-Type Jet Fuel	185,726	3,640	182,086	23,977	11,784	12,193	277	207,604	-207,327
Kerosene	1,759	34	1,725	34	0	34	0	1,759	-1,759
Distillate Fuel Oil	328,983	31,732	297,251	63,015	33,515	29,500	12,638	348,487	-335,849
15 ppm sulfur and under	313,397	31,732	281,665	61,461	33,380	28,081	12,638	331,482	-318,844
Greater than 15 ppm to 500 ppm sulfur	374	0	374	1,460	135	1,325	0	1,699	-1,699
Greater than 500 ppm sulfur	15,212	0	15,212	94	0	94	0	15,306	-15,306
Residual Fuel Oil	0	468	-468	0	7,893	-7,893	8,361	0	8,361
Petrochemical Feedstocks	828	255	573	67	1,085	-1,018	1,340	895	445
Naphtha for Petrochemical Feedstock Use	0	0	-	47	945	-898	945	47	898
Other Oils for Petrochemical Feedstock Use	828	255	573	20	140	-120	395	848	-453
Special Naphthas	0	0	-	246	0	246	0	246	-246
Lubricants	5,319	0	5,319	1,734	40	1,694	321	7,013	-6,692
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	7,487	151	7,336	1,579	12,277	-10,699	7,976	533	7,443
Asphalt and Road Oil	14,467	215	14,252	5,139	14,261	-9,122	5,110	9,658	-4,548
Miscellaneous Products	70	231	-161	24	80	-56	241	24	217
Total	1,596,994	205,705	1,391,289	1,238,041	1,848,857	-610,816	1,314,785	1,945,065	-630,280

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, 2019
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	80,790	314,117	-233,327	65,126	0	65,126
Petroleum Products	98,586	228,174	-129,588	149,353	1,757	147,596
Natural Gas Liquids	56,751	182,647	-125,896	11,818	0	11,818
Ethane	8,256	44,803	-36,547	0	0	-
Propane	26,662	70,648	-43,986	4,263	0	4,263
Normal Butane	11,528	29,102	-17,574	5,460	0	5,460
Isobutane	4,203	13,788	-9,585	2,095	0	2,095
Natural Gasoline	6,102	24,306	-18,204	0	0	-
Refinery Olefins	0	0	-	0	0	-
Ethylene	-	-	-	-	-	-
Propylene	0	0	-	0	0	-
Butylene	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-
Unfinished Oils	0	0	-	0	161	-161
Motor Gasoline Blending Components	16,529	14,951	1,578	56,476	0	56,476
Reformulated - RBOB	-	-	-	26,880	0	26,880
Conventional	16,529	14,951	1,578	29,596	0	29,596
CBOB	16,529	14,951	1,578	29,419	0	29,419
GTAB	-	-	-	0	0	-
Other	0	0	-	177	0	177
Renewable Fuels	4,965	110	4,855	54,045	150	53,895
Fuel Ethanol	4,338	110	4,228	49,249	0	49,249
Renewable Diesel Fuel ²	627	0	627	4,796	150	4,646
Other Renewable Fuels	-	-	-	0	0	-
Finished Motor Gasoline	2,469	9,260	-6,791	5,070	0	5,070
Reformulated	-	-	-	0	0	-
Reformulated Blended with Fuel Ethanol	-	-	-	0	0	-
Reformulated Other	-	-	-	-	-	-
Conventional	2,469	9,260	-6,791	5,070	0	5,070
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	2,469	9,260	-6,791	5,070	0	5,070
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	10,328	516	9,812	3,236	0	3,236
Kerosene	0	0	-	0	0	-
Distillate Fuel Oil	7,101	8,799	-1,698	10,796	0	10,796
15 ppm sulfur and under	7,101	8,799	-1,698	10,796	0	10,796
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	-	-	-	-	-	-
Special Naphthas	-	-	-	0	0	-
Lubricants	0	0	-	0	321	-321
Waxes	0	0	-	0	0	-
Marketable Petroleum Coke	248	4,235	-3,987	950	1,043	-93
Asphalt and Road Oil	194	7,656	-7,461	6,961	82	6,880
Miscellaneous Products	0	0	-	0	0	-
Total	179,376	542,291	-362,915	214,479	1,757	212,722

- = 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 Renewable diesel fuel includes biodiesel and other renewable diesel.

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.