

Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, September 2018
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	462	285	0	3,000	54,995	6,526	4,402	3,839	25,270
Petroleum Products	17,492	227	0	17,518	34,046	7,463	5,371	103,841	24,802
Natural Gas Liquids	7,819	111	0	3,466	22,042	3,700	426	1,184	7,163
Ethane	5,699	0	—	0	10,807	328	—	0	900
Propane	1,044	28	0	2,380	6,525	1,837	233	1,184	1,019
Normal Butane	441	83	0	790	2,669	818	151	0	300
Isobutane	397	0	0	296	787	293	42	0	449
Natural Gasoline	238	0	—	0	1,254	424	—	0	4,495
Refinery Olefins	0	0	—	286	626	—	—	0	0
Ethylene	—	—	—	—	—	—	—	—	—
Propylene	0	0	—	286	626	—	—	0	0
Butylene	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—
Unfinished Oils	0	41	—	0	1,097	—	—	0	469
Motor Gasoline Blending Components	6,565	0	0	1,114	1,667	1,554	0	55,027	7,872
Reformulated - RBOB	0	0	0	53	315	—	0	7,258	2,957
Conventional	6,565	0	0	1,061	1,352	1,554	0	47,769	4,915
CBOB	6,565	0	0	1,061	1,137	1,554	0	47,769	4,282
GTAB	—	—	—	—	—	—	—	—	—
Other	0	0	—	—	215	—	—	—	633
Renewable Fuels	0	0	0	9,882	6,008	283	4,819	388	0
Fuel Ethanol	0	0	0	9,678	5,790	264	4,482	388	0
Renewable Diesel Fuel ²	0	0	0	204	218	20	337	0	0
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	95	0	0	426	182	183	0	7,357	1,189
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	95	0	0	426	182	183	0	7,357	1,189
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	95	0	0	426	182	183	0	7,357	1,189
Finished Aviation Gasoline	—	0	—	0	0	—	—	22	—
Kerosene-Type Jet Fuel	286	0	0	93	55	786	0	14,621	1,998
Kerosene	—	0	—	0	0	—	—	304	—
Distillate Fuel Oil	2,727	0	0	1,011	987	856	0	24,022	5,585
15 ppm sulfur and under	2,727	0	0	1,011	987	856	0	23,098	5,413
Greater than 15 ppm to 500 ppm sulfur	0	0	—	—	0	—	—	—	172
Greater than 500 ppm sulfur	—	0	—	0	0	—	—	924	—
Residual Fuel Oil	0	75	—	0	853	—	—	0	0
Petrochemical Feedstocks	0	0	—	—	69	—	—	—	0
Naphtha for Petrochemical Feedstock Use	0	0	—	—	45	—	—	—	0
Other Oils for Petrochemical Feedstock Use	0	0	—	—	24	—	—	—	0
Special Naphthas	0	0	—	—	0	—	—	—	25
Lubricants	0	0	0	20	0	—	0	408	122
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	0	0	312	277	27	0	0	0
Asphalt and Road Oil	0	0	0	908	183	74	127	508	376
Miscellaneous Products	0	0	—	—	0	—	—	—	3
Total	17,954	512	0	20,518	89,041	13,989	9,773	107,680	50,072

See footnotes at end of table.

Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, September 2018
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to		
	4	5	1	2	3	5	1	3	4
Crude Oil	0	175	0	22,845	360	46	0	0	0
Petroleum Products	0	4,906	0	9,707	8,008	1,854	0	117	20
Natural Gas Liquids	0	44	0	8,407	7,749	365	0	0	0
Ethane	0	—	0	1,646	2,596	—	0	0	0
Propane	0	0	0	3,499	2,556	289	0	0	0
Normal Butane	0	34	0	1,490	934	72	0	0	0
Isobutane	0	10	0	666	551	4	0	0	0
Natural Gasoline	0	—	0	1,106	1,112	—	0	0	0
Refinery Olefins	—	—	0	0	0	—	0	0	—
Ethylene	—	—	—	—	—	—	—	—	—
Propylene	—	—	0	0	0	—	0	0	—
Butylene	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—
Unfinished Oils	—	—	0	0	0	—	0	0	—
Motor Gasoline Blending Components	0	3,414	0	162	0	673	0	0	0
Reformulated - RBOB	—	2,128	0	0	0	0	0	0	—
Conventional	0	1,286	0	162	0	673	0	0	0
CBOB	0	1,286	0	162	0	673	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	—	—	—	0	0	—	—	0	—
Renewable Fuels	0	621	0	0	0	0	0	0	0
Fuel Ethanol	0	372	0	0	0	0	0	0	0
Renewable Diesel Fuel ²	0	250	0	0	0	0	0	0	0
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	0	0	0	392	0	381	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	0	0	0	392	0	381	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	0	0	0	392	0	381	0	0	0
Finished Aviation Gasoline	—	—	0	—	0	—	0	0	—
Kerosene-Type Jet Fuel	0	202	0	0	0	0	0	0	0
Kerosene	—	—	0	—	0	—	0	0	—
Distillate Fuel Oil	0	524	0	411	0	228	0	0	0
15 ppm sulfur and under	0	524	0	411	0	228	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	0	0	—	—	0	—
Greater than 500 ppm sulfur	—	—	0	—	0	—	0	0	—
Residual Fuel Oil	—	—	0	0	0	—	0	0	—
Petrochemical Feedstocks	—	—	—	0	0	—	—	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	—
Other Oils for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	—
Special Naphthas	—	—	—	0	0	—	—	0	—
Lubricants	—	0	0	0	0	0	0	92	—
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	0	0	218	22	0	0	25	0
Asphalt and Road Oil	0	101	0	117	237	207	0	0	20
Miscellaneous Products	—	—	—	0	0	—	—	0	—
Total	0	5,080	0	32,552	8,368	1,900	0	117	20

— = 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.