

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, January 2022
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	120	36	167	55,962	6,864	135	12,832	0	-
Petroleum Products	14,325	0	7,515	33,696	12,129	81,543	16,473	0	4,404
Natural Gas Liquids	6,297	0	4,929	31,069	8,793	2,455	10,198	0	-
Ethane	4,811	0	0	15,354	2,473	0	1,370	0	-
Propane	871	0	3,706	9,461	3,322	2,455	1,907	0	-
Normal Butane	113	0	1,223	2,599	1,382	0	372	0	-
Isobutane	267	0	0	1,151	495	0	1,012	0	-
Natural Gasoline	235	0	0	2,504	1,121	0	5,537	0	-
Motor Gasoline Blending Components	5,277	0	823	1,583	1,890	43,200	2,922	0	3,131
Reformulated - RBOB	0	0	0	370	-	6,648	625	-	1,689
Conventional	5,277	0	823	1,213	1,890	36,552	2,297	0	1,442
CBOB	5,277	0	823	1,213	1,890	35,897	2,247	0	1,442
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	655	50	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Biodiesel	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	43	0	874	0	99	1,997	358	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	43	0	874	0	99	1,997	358	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	43	0	874	0	99	1,997	358	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	268	0	74	0	775	9,573	1,329	0	244
Kerosene	13	0	0	0	-	81	0	-	-
Distillate Fuel Oil	2,427	0	815	1,044	572	24,237	1,666	0	1,029
15 ppm sulfur and under	2,427	0	815	1,044	572	23,359	1,531	0	1,029
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	-	-	135	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	878	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	14,445	36	7,682	89,658	18,993	81,678	29,305	0	4,404

See footnotes at end of table.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, January 2022
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	25,799	249	-	0	0
Petroleum Products	0	19,485	4,527	1,890	0	0
Natural Gas Liquids	0	18,401	4,527	-	0	0
Ethane	0	5,531	1,969	-	0	0
Propane	0	6,719	1,210	-	0	0
Normal Butane	0	2,753	356	-	0	0
Isobutane	0	1,094	416	-	0	0
Natural Gasoline	0	2,304	576	-	0	0
Motor Gasoline Blending Components	0	184	0	1,360	0	0
Reformulated - RBOB	0	0	0	0	0	-
Conventional	0	184	0	1,360	0	0
CBOB	0	184	0	1,360	0	0
GTAB	-	-	-	-	-	-
Other	0	0	0	-	0	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Biodiesel	--	--	--	--	--	--
Renewable Diesel Fuel	--	--	--	--	--	--
Other Biofuels ¹	--	--	--	--	--	--
Finished Motor Gasoline	0	480	0	83	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	480	0	83	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	480	0	83	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	12	0	17	0	0
Kerosene	0	0	0	-	0	-
Distillate Fuel Oil	0	408	0	430	0	0
15 ppm sulfur and under	0	408	0	430	0	0
Greater than 15 ppm to 500 ppm sulfur	-	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	45,284	4,776	1,890	0	0

-- = Not Applicable.

- = No Data Reported.

¹ 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."

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, February 2022
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	167	21	131	47,547	6,020	120	11,660	0	-
Petroleum Products	13,712	0	7,315	30,778	11,028	76,994	15,759	0	3,963
Natural Gas Liquids	5,932	0	4,394	27,414	8,078	2,158	10,385	0	-
Ethane	4,468	0	0	13,212	2,162	0	1,259	0	-
Propane	866	0	3,328	8,409	3,150	2,158	2,115	0	-
Normal Butane	111	0	1,066	2,645	1,289	0	363	0	-
Isobutane	264	0	0	1,021	461	0	1,049	0	-
Natural Gasoline	223	0	0	2,127	1,016	0	5,599	0	-
Motor Gasoline Blending Components	5,085	0	784	1,946	1,486	40,107	2,807	0	3,112
Reformulated - RBOB	0	0	0	206	-	6,440	375	-	1,593
Conventional	5,085	0	784	1,740	1,486	33,667	2,432	0	1,519
CBOB	5,085	0	784	1,740	1,486	33,012	2,432	0	1,519
GTAB	-	-	-	-	-	-	-	-	-
Other	-	0	0	0	-	655	-	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Biodiesel	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	43	0	1,012	0	84	1,997	227	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	43	0	1,012	0	84	1,997	227	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	43	0	1,012	0	84	1,997	227	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	268	0	62	30	528	9,190	1,255	0	123
Kerosene	13	0	0	0	-	81	0	-	-
Distillate Fuel Oil	2,371	0	1,063	1,388	852	23,461	1,085	0	728
15 ppm sulfur and under	2,371	0	1,063	1,388	852	22,583	1,031	0	728
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	-	-	54	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	878	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	13,879	21	7,446	78,325	17,048	77,114	27,419	0	3,963

See footnotes at end of table.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, February 2022
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	22,350	241	-	0	0
Petroleum Products	0	18,128	4,543	1,618	0	0
Natural Gas Liquids	0	17,133	4,543	-	0	0
Ethane	0	5,181	1,948	-	0	0
Propane	0	6,266	1,229	-	0	0
Normal Butane	0	2,562	367	-	0	0
Isobutane	0	1,015	422	-	0	0
Natural Gasoline	0	2,109	577	-	0	0
Motor Gasoline Blending Components	0	178	0	1,209	0	0
Reformulated - RBOB	0	0	0	0	0	-
Conventional	0	178	0	1,209	0	0
CBOB	0	178	0	1,209	0	0
GTAB	-	-	-	-	-	-
Other	0	-	0	-	0	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Biodiesel	--	--	--	--	--	--
Renewable Diesel Fuel	--	--	--	--	--	--
Other Biofuels ¹	--	--	--	--	--	--
Finished Motor Gasoline	0	398	0	68	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	398	0	68	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	398	0	68	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	30	0	2	0	0
Kerosene	0	0	0	-	0	-
Distillate Fuel Oil	0	389	0	339	0	0
15 ppm sulfur and under	0	389	0	339	0	0
Greater than 15 ppm to 500 ppm sulfur	-	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	40,478	4,784	1,618	0	0

-- = Not Applicable.

- = No Data Reported.

¹ 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."

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, March 2022
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	201	25	135	55,898	6,922	124	19,766	0	-
Petroleum Products	16,371	0	8,681	37,521	13,621	82,012	14,099	0	4,643
Natural Gas Liquids	6,435	0	5,599	35,138	10,153	1,255	9,954	0	-
Ethane	4,937	0	0	17,206	3,206	0	1,390	0	-
Propane	880	0	4,259	10,424	3,702	1,255	1,669	0	-
Normal Butane	113	0	1,340	3,870	1,503	0	392	0	-
Isobutane	270	0	0	1,261	541	0	1,065	0	-
Natural Gasoline	235	0	0	2,377	1,201	0	5,438	0	-
Motor Gasoline Blending Components	6,327	0	1,051	1,615	1,916	47,175	2,210	0	3,451
Reformulated - RBOB	0	0	0	113	-	7,394	365	-	1,899
Conventional	6,327	0	1,051	1,502	1,916	39,781	1,845	0	1,552
CBOB	6,327	0	1,051	1,502	1,916	38,752	1,845	0	1,552
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	1,029	-	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Biodiesel	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	79	0	909	0	109	1,936	158	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	79	0	909	0	109	1,936	158	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	79	0	909	0	109	1,936	158	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	363	0	47	0	708	9,688	876	0	146
Kerosene	-	0	0	0	-	36	-	-	-
Distillate Fuel Oil	3,167	0	1,075	768	735	21,922	901	0	1,046
15 ppm sulfur and under	3,167	0	1,075	768	735	21,247	815	0	1,046
Greater than 15 ppm to 500 ppm sulfur	0	0	0	0	-	1	86	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	674	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	16,572	25	8,816	93,419	20,543	82,136	33,865	0	4,643

See footnotes at end of table.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, March 2022
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	25,089	247	-	0	0
Petroleum Products	0	22,255	4,618	1,645	0	0
Natural Gas Liquids	0	21,350	4,618	-	0	0
Ethane	0	7,335	1,988	-	0	0
Propane	0	7,410	1,249	-	0	0
Normal Butane	0	2,981	373	-	0	0
Isobutane	0	1,184	424	-	0	0
Natural Gasoline	0	2,440	584	-	0	0
Motor Gasoline Blending Components	0	125	0	1,160	0	0
Reformulated - RBOB	0	0	0	0	0	-
Conventional	0	125	0	1,160	0	0
CBOB	0	125	0	1,160	0	0
GTAB	-	-	-	-	-	-
Other	0	-	0	-	0	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Biodiesel	--	--	--	--	--	--
Renewable Diesel Fuel	--	--	--	--	--	--
Other Biofuels ¹	--	--	--	--	--	--
Finished Motor Gasoline	0	382	0	96	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	382	0	96	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	382	0	96	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	12	0	28	0	0
Kerosene	0	-	0	-	0	-
Distillate Fuel Oil	0	386	0	361	0	0
15 ppm sulfur and under	0	386	0	361	0	0
Greater than 15 ppm to 500 ppm sulfur	0	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	47,344	4,865	1,645	0	0

-- = Not Applicable.

- = No Data Reported.

¹ 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."

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, April 2022
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	209	25	163	48,151	5,321	120	16,040	0	-
Petroleum Products	15,363	0	9,379	37,185	11,904	71,449	15,486	0	4,863
Natural Gas Liquids	7,235	0	6,333	34,726	8,472	1,045	9,984	0	-
Ethane	5,679	0	0	17,359	2,740	0	1,184	0	-
Propane	905	0	4,696	10,093	3,034	1,045	1,420	0	-
Normal Butane	118	0	1,637	3,600	1,264	0	351	0	-
Isobutane	281	0	0	1,312	460	0	1,023	0	-
Natural Gasoline	252	0	0	2,362	974	0	6,006	0	-
Motor Gasoline Blending Components	5,211	0	780	1,604	1,826	40,243	2,962	0	3,449
Reformulated - RBOB	0	0	0	0	-	7,682	1,252	-	1,913
Conventional	5,211	0	780	1,604	1,826	32,561	1,710	0	1,536
CBOB	5,211	0	780	1,604	1,826	31,778	1,610	0	1,536
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	783	100	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Biodiesel	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	64	0	837	0	108	882	463	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	64	0	837	0	108	882	463	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	64	0	837	0	108	882	463	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	321	0	61	30	748	9,639	998	0	303
Kerosene	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil	2,532	0	1,368	825	750	19,640	1,079	0	1,111
15 ppm sulfur and under	2,532	0	1,368	825	750	19,056	913	0	1,111
Greater than 15 ppm to 500 ppm sulfur	0	0	0	0	-	65	166	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	519	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	15,572	25	9,542	85,336	17,225	71,569	31,526	0	4,863

See footnotes at end of table.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, April 2022
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	25,233	260	-	0	0
Petroleum Products	0	19,556	4,631	1,372	0	0
Natural Gas Liquids	0	18,973	4,631	-	0	0
Ethane	0	6,450	2,002	-	0	0
Propane	0	6,581	1,245	-	0	0
Normal Butane	0	2,679	373	-	0	0
Isobutane	0	1,074	422	-	0	0
Natural Gasoline	0	2,189	589	-	0	0
Motor Gasoline Blending Components	0	187	0	994	0	0
Reformulated - RBOB	0	0	0	0	0	-
Conventional	0	187	0	994	0	0
CBOB	0	187	0	994	0	0
GTAB	-	-	-	-	-	-
Other	0	0	0	-	0	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Biodiesel	--	--	--	--	--	--
Renewable Diesel Fuel	--	--	--	--	--	--
Other Biofuels ¹	--	--	--	--	--	--
Finished Motor Gasoline	0	176	0	108	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	176	0	108	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	176	0	108	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	12	0	68	0	0
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	208	0	202	0	0
15 ppm sulfur and under	0	208	0	202	0	0
Greater than 15 ppm to 500 ppm sulfur	0	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	44,789	4,891	1,372	0	0

-- = Not Applicable.

- = No Data Reported.

¹ 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."

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, May 2022
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	245	25	187	53,050	6,819	120	20,458	0	-
Petroleum Products	16,436	0	9,332	36,526	13,660	80,108	19,120	0	5,064
Natural Gas Liquids	6,701	0	6,813	34,037	9,989	723	11,960	0	-
Ethane	4,941	0	0	17,160	3,108	0	1,242	0	-
Propane	1,016	0	5,007	9,432	3,593	723	1,455	0	-
Normal Butane	135	0	1,806	3,733	1,549	0	365	0	-
Isobutane	318	0	0	1,214	551	0	1,204	0	-
Natural Gasoline	291	0	0	2,498	1,188	0	7,694	0	-
Motor Gasoline Blending Components	6,679	0	460	1,708	1,823	47,814	3,398	0	3,674
Reformulated - RBOB	0	0	0	93	-	10,272	1,605	-	2,051
Conventional	6,679	0	460	1,615	1,823	37,542	1,793	0	1,623
CBOB	6,679	0	460	1,615	1,823	36,236	1,593	0	1,623
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	1,306	200	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Biodiesel	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	83	0	818	0	107	567	367	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	83	0	818	0	107	567	367	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	83	0	818	0	107	567	367	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	374	0	67	23	758	12,347	1,190	0	255
Kerosene	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil	2,599	0	1,174	758	983	18,657	2,205	0	1,135
15 ppm sulfur and under	2,599	0	1,174	758	983	17,715	2,180	0	1,135
Greater than 15 ppm to 500 ppm sulfur	0	0	0	0	-	1	25	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	941	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	16,681	25	9,519	89,576	20,479	80,228	39,578	0	5,064

See footnotes at end of table.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, May 2022
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	25,079	239	-	0	0
Petroleum Products	0	21,535	4,639	1,187	0	0
Natural Gas Liquids	0	20,837	4,639	-	0	0
Ethane	0	6,921	2,010	-	0	0
Propane	0	7,215	1,242	-	0	0
Normal Butane	0	3,034	372	-	0	0
Isobutane	0	1,193	422	-	0	0
Natural Gasoline	0	2,474	593	-	0	0
Motor Gasoline Blending Components	0	227	0	922	0	0
Reformulated - RBOB	0	0	0	0	0	-
Conventional	0	227	0	922	0	0
CBOB	0	227	0	922	0	0
GTAB	-	-	-	-	-	-
Other	0	0	0	-	0	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Biodiesel	--	--	--	--	--	--
Renewable Diesel Fuel	--	--	--	--	--	--
Other Biofuels ¹	--	--	--	--	--	--
Finished Motor Gasoline	0	259	0	79	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	259	0	79	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	259	0	79	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	42	0	20	0	0
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	170	0	166	0	0
15 ppm sulfur and under	0	170	0	166	0	0
Greater than 15 ppm to 500 ppm sulfur	0	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	46,614	4,878	1,187	0	0

-- = Not Applicable.

- = No Data Reported.

¹ 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."

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, June 2022
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	223	20	170	46,790	6,357	113	22,612	0	-
Petroleum Products	16,693	0	7,664	38,179	14,528	80,675	20,688	0	4,507
Natural Gas Liquids	6,681	0	5,726	35,913	10,627	784	9,987	0	-
Ethane	5,153	0	0	17,892	3,034	0	1,047	0	-
Propane	886	0	4,433	9,366	3,909	784	1,458	0	-
Normal Butane	117	0	1,293	4,397	1,732	0	372	0	-
Isobutane	273	0	0	1,362	612	0	670	0	-
Natural Gasoline	252	0	0	2,896	1,340	0	6,440	0	-
Motor Gasoline Blending Components	6,715	0	504	1,178	2,223	45,441	4,619	0	3,215
Reformulated - RBOB	0	0	0	55	40	9,615	2,543	0	1,888
Conventional	6,715	0	504	1,123	2,183	35,826	2,076	0	1,327
CBOB	6,715	0	504	1,123	2,183	34,846	1,985	0	1,327
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	980	91	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Biodiesel	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	76	0	449	0	126	334	2,440	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	76	0	449	0	126	334	2,440	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	76	0	449	0	126	334	2,440	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	287	0	72	60	740	11,029	1,644	0	169
Kerosene	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil	2,934	0	913	1,028	812	23,087	1,998	0	1,123
15 ppm sulfur and under	2,934	0	913	1,028	812	22,210	1,897	0	1,123
Greater than 15 ppm to 500 ppm sulfur	0	0	0	0	-	1	101	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	876	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	16,916	20	7,834	84,969	20,885	80,788	43,300	0	4,507

See footnotes at end of table.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, June 2022
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	25,811	259	-	0	0
Petroleum Products	0	21,723	4,879	1,394	0	0
Natural Gas Liquids	0	20,756	4,879	-	0	0
Ethane	0	6,734	1,995	-	0	0
Propane	0	7,207	1,401	-	0	0
Normal Butane	0	3,063	524	-	0	0
Isobutane	0	1,194	319	-	0	0
Natural Gasoline	0	2,558	640	-	0	0
Motor Gasoline Blending Components	0	220	0	964	0	0
Reformulated - RBOB	0	0	0	0	0	0
Conventional	0	220	0	964	0	0
CBOB	0	220	0	964	0	0
GTAB	-	-	-	-	-	-
Other	0	0	0	-	0	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Biodiesel	--	--	--	--	--	--
Renewable Diesel Fuel	--	--	--	--	--	--
Other Biofuels ¹	--	--	--	--	--	--
Finished Motor Gasoline	0	382	0	104	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	382	0	104	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	382	0	104	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	12	0	15	0	0
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	353	0	311	0	0
15 ppm sulfur and under	0	353	0	311	0	0
Greater than 15 ppm to 500 ppm sulfur	0	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	47,534	5,138	1,394	0	0

-- = Not Applicable.

- = No Data Reported.

¹ 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."

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, July 2022
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	219	25	120	48,451	6,465	115	22,997	0	-
Petroleum Products	16,866	0	8,426	39,819	14,326	76,615	23,505	0	4,517
Natural Gas Liquids	6,582	0	6,482	37,586	10,686	820	10,061	0	-
Ethane	4,985	0	2	18,415	3,061	0	1,059	0	-
Propane	909	0	4,796	9,888	3,855	820	1,061	0	-
Normal Butane	116	0	1,684	4,283	1,747	0	382	0	-
Isobutane	268	0	0	1,485	609	0	740	0	-
Natural Gasoline	304	0	0	3,515	1,414	0	6,819	0	-
Motor Gasoline Blending Components	7,233	0	508	1,140	2,213	45,391	6,354	0	3,261
Reformulated - RBOB	0	0	0	0	-	9,871	3,672	-	1,869
Conventional	7,233	0	508	1,140	2,213	35,520	2,682	0	1,392
CBOB	7,233	0	508	1,140	2,213	35,191	2,682	0	1,392
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	329	-	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Biodiesel	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	73	0	556	0	106	221	3,022	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	73	0	556	0	106	221	3,022	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	73	0	556	0	106	221	3,022	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	359	0	128	62	710	11,325	1,023	0	235
Kerosene	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil	2,619	0	752	1,031	611	18,858	3,045	0	1,021
15 ppm sulfur and under	2,619	0	752	1,031	611	18,341	2,972	0	1,021
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	-	-	73	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	517	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	17,085	25	8,546	88,270	20,791	76,730	46,502	0	4,517

See footnotes at end of table.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, July 2022
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	25,977	263	-	0	0
Petroleum Products	0	23,003	4,850	1,540	0	0
Natural Gas Liquids	0	22,030	4,850	-	0	0
Ethane	0	7,196	2,098	-	0	0
Propane	0	7,516	1,314	-	0	0
Normal Butane	0	3,263	509	-	0	0
Isobutane	0	1,263	303	-	0	0
Natural Gasoline	0	2,792	626	-	0	0
Motor Gasoline Blending Components	0	232	0	1,055	0	0
Reformulated - RBOB	0	0	0	0	0	-
Conventional	0	232	0	1,055	0	0
CBOB	0	232	0	1,055	0	0
GTAB	-	-	-	-	-	-
Other	0	-	0	-	0	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Biodiesel	--	--	--	--	--	--
Renewable Diesel Fuel	--	--	--	--	--	--
Other Biofuels ¹	--	--	--	--	--	--
Finished Motor Gasoline	0	316	0	65	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	316	0	65	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	316	0	65	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	12	0	38	0	0
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	413	0	382	0	0
15 ppm sulfur and under	0	413	0	382	0	0
Greater than 15 ppm to 500 ppm sulfur	-	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	48,980	5,113	1,540	0	0

-- = Not Applicable.

- = No Data Reported.

¹ 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."

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, August 2022
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	185	23	178	53,747	6,195	120	23,144	0	-
Petroleum Products	16,734	0	8,549	39,724	14,911	81,592	21,106	0	4,446
Natural Gas Liquids	7,299	0	6,326	37,775	11,446	1,148	11,870	0	-
Ethane	5,724	0	57	17,675	3,400	0	1,315	0	-
Propane	927	0	4,615	10,962	4,063	1,148	1,889	0	-
Normal Butane	119	0	1,654	4,066	1,825	0	502	0	-
Isobutane	276	0	0	1,435	633	0	671	0	-
Natural Gasoline	253	0	0	3,637	1,525	0	7,493	0	-
Motor Gasoline Blending Components	6,168	0	650	1,161	1,765	47,165	4,270	0	3,507
Reformulated - RBOB	0	0	0	0	-	10,888	1,799	-	1,954
Conventional	6,168	0	650	1,161	1,765	36,277	2,471	0	1,553
CBOB	6,168	0	650	1,161	1,765	35,591	2,471	0	1,553
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	686	-	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Biodiesel	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	106	0	726	0	105	340	1,220	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	106	0	726	0	105	340	1,220	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	106	0	726	0	105	340	1,220	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	375	0	75	30	735	12,276	1,047	0	288
Kerosene	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil	2,786	0	772	758	860	20,663	2,699	0	651
15 ppm sulfur and under	2,786	0	772	758	860	19,861	2,624	0	651
Greater than 15 ppm to 500 ppm sulfur	0	0	0	0	-	1	75	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	801	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	16,919	23	8,727	93,471	21,106	81,712	44,250	0	4,446

See footnotes at end of table.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, August 2022
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	25,527	276	-	0	0
Petroleum Products	0	22,708	4,843	1,513	0	0
Natural Gas Liquids	0	21,622	4,843	-	0	0
Ethane	0	6,772	1,880	-	0	0
Propane	0	7,512	1,407	-	0	0
Normal Butane	0	3,241	558	-	0	0
Isobutane	0	1,254	325	-	0	0
Natural Gasoline	0	2,843	673	-	0	0
Motor Gasoline Blending Components	0	264	0	1,131	0	0
Reformulated - RBOB	0	0	0	0	0	-
Conventional	0	264	0	1,131	0	0
CBOB	0	264	0	1,131	0	0
GTAB	-	-	-	-	-	-
Other	0	-	0	-	0	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Biodiesel	--	--	--	--	--	--
Renewable Diesel Fuel	--	--	--	--	--	--
Other Biofuels ¹	--	--	--	--	--	--
Finished Motor Gasoline	0	385	0	81	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	385	0	81	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	385	0	81	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	10	0	34	0	0
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	427	0	267	0	0
15 ppm sulfur and under	0	427	0	267	0	0
Greater than 15 ppm to 500 ppm sulfur	0	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	48,235	5,119	1,513	0	0

-- = Not Applicable.

- = No Data Reported.

¹ 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."

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, September 2022
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	199	15	180	50,943	6,204	112	18,313	0	-
Petroleum Products	17,607	0	7,986	34,500	14,403	81,937	16,557	0	4,170
Natural Gas Liquids	7,179	0	6,364	32,873	10,836	1,450	8,147	0	-
Ethane	5,551	0	201	15,316	3,206	0	1,219	0	-
Propane	931	0	4,573	9,231	3,872	1,450	1,755	0	-
Normal Butane	121	0	1,590	3,365	1,708	0	487	0	-
Isobutane	288	0	0	1,374	597	0	824	0	-
Natural Gasoline	288	0	0	3,587	1,453	0	3,862	0	-
Motor Gasoline Blending Components	7,098	0	550	996	2,030	46,664	3,556	0	3,243
Reformulated - RBOB	0	0	0	98	-	7,553	877	-	1,940
Conventional	7,098	0	550	898	2,030	39,111	2,679	0	1,303
CBOB	7,098	0	550	898	2,030	38,911	2,621	0	1,303
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	200	58	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Biodiesel	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	73	0	162	0	125	464	1,625	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	73	0	162	0	125	464	1,625	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	73	0	162	0	125	464	1,625	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	327	0	130	30	684	11,415	593	0	207
Kerosene	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil	2,930	0	780	601	728	21,944	2,636	0	720
15 ppm sulfur and under	2,930	0	780	601	728	21,220	2,611	0	720
Greater than 15 ppm to 500 ppm sulfur	0	0	0	0	-	1	25	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	723	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	17,806	15	8,166	85,443	20,607	82,049	34,870	0	4,170

See footnotes at end of table.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, September 2022
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	24,132	246	-	0	0
Petroleum Products	0	21,995	4,061	1,401	0	0
Natural Gas Liquids	0	20,935	4,061	-	0	0
Ethane	0	6,415	1,223	-	0	0
Propane	0	7,354	1,319	-	0	0
Normal Butane	0	3,154	543	-	0	0
Isobutane	0	1,220	318	-	0	0
Natural Gasoline	0	2,792	658	-	0	0
Motor Gasoline Blending Components	0	182	0	941	0	0
Reformulated - RBOB	0	0	0	0	0	-
Conventional	0	182	0	941	0	0
CBOB	0	182	0	941	0	0
GTAB	-	-	-	-	-	-
Other	0	0	0	-	0	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Biodiesel	--	--	--	--	--	--
Renewable Diesel Fuel	--	--	--	--	--	--
Other Biofuels ¹	--	--	--	--	--	--
Finished Motor Gasoline	0	407	0	109	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	407	0	109	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	407	0	109	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	20	0	38	0	0
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	451	0	313	0	0
15 ppm sulfur and under	0	451	0	313	0	0
Greater than 15 ppm to 500 ppm sulfur	0	0	0	-	0	-
Greater than 500 ppm sulfur	0	0	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	46,127	4,307	1,401	0	0

-- = Not Applicable.

- = No Data Reported.

¹ 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."

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, October 2022
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	195	20	189	52,166	6,408	117	19,620	0	-
Petroleum Products	17,337	0	7,834	35,010	14,809	82,282	16,876	0	4,900
Natural Gas Liquids	7,409	0	5,706	32,342	10,980	1,725	8,327	0	-
Ethane	5,712	0	114	14,913	3,193	0	1,237	0	-
Propane	996	0	4,260	9,207	4,033	1,725	1,958	0	-
Normal Butane	128	0	1,332	3,284	1,695	0	575	0	-
Isobutane	305	0	0	1,386	596	0	750	0	-
Natural Gasoline	268	0	0	3,552	1,463	0	3,807	0	-
Motor Gasoline Blending Components	6,770	0	546	1,469	2,106	44,813	3,281	0	3,791
Reformulated - RBOB	0	0	0	273	-	6,656	1,058	-	2,144
Conventional	6,770	0	546	1,196	2,106	38,157	2,223	0	1,647
CBOB	6,770	0	546	1,196	2,106	37,341	2,165	0	1,647
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	816	58	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Biodiesel	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	92	0	386	0	114	982	1,592	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	92	0	386	0	114	982	1,592	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	92	0	386	0	114	982	1,592	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	405	0	186	0	813	11,031	602	0	203
Kerosene	-	0	0	0	-	37	-	-	-
Distillate Fuel Oil	2,661	0	1,010	1,199	796	23,694	3,074	0	906
15 ppm sulfur and under	2,661	0	1,010	1,199	796	23,046	3,049	0	906
Greater than 15 ppm to 500 ppm sulfur	0	0	0	0	-	1	25	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	647	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	17,532	20	8,023	87,176	21,217	82,399	36,496	0	4,900

See footnotes at end of table.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, October 2022
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	26,438	262	-	0	0
Petroleum Products	0	22,719	4,392	1,570	0	0
Natural Gas Liquids	0	21,718	4,392	-	0	0
Ethane	0	6,816	1,590	-	0	0
Propane	0	7,697	1,324	-	0	0
Normal Butane	0	3,175	524	-	0	0
Isobutane	0	1,239	314	-	0	0
Natural Gasoline	0	2,791	640	-	0	0
Motor Gasoline Blending Components	0	175	0	1,207	0	0
Reformulated - RBOB	0	0	0	0	0	-
Conventional	0	175	0	1,207	0	0
CBOB	0	175	0	1,207	0	0
GTAB	-	-	-	-	-	-
Other	0	0	0	-	0	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Biodiesel	--	--	--	--	--	--
Renewable Diesel Fuel	--	--	--	--	--	--
Other Biofuels ¹	--	--	--	--	--	--
Finished Motor Gasoline	0	432	0	92	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	432	0	92	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	432	0	92	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	30	0	8	0	0
Kerosene	0	-	0	-	0	-
Distillate Fuel Oil	0	364	0	263	0	0
15 ppm sulfur and under	0	364	0	263	0	0
Greater than 15 ppm to 500 ppm sulfur	0	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	49,157	4,654	1,570	0	0

-- = Not Applicable.

- = No Data Reported.

¹ 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."

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, November 2022
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	215	21	235	55,586	5,765	115	17,675	0	-
Petroleum Products	17,622	0	9,782	36,537	13,420	81,576	20,070	0	4,350
Natural Gas Liquids	7,501	0	7,150	34,009	10,062	1,703	12,531	0	-
Ethane	5,814	0	114	16,260	2,950	0	1,367	0	-
Propane	1,005	0	5,158	9,607	3,690	1,703	1,993	0	-
Normal Butane	128	0	1,878	3,412	1,551	0	401	0	-
Isobutane	304	0	0	1,402	549	0	1,269	0	-
Natural Gasoline	250	0	0	3,328	1,322	0	7,501	0	-
Motor Gasoline Blending Components	7,090	0	707	1,549	1,666	44,483	3,482	0	3,449
Reformulated - RBOB	0	0	0	282	-	6,523	699	-	1,971
Conventional	7,090	0	707	1,267	1,666	37,960	2,783	0	1,478
CBOB	7,090	0	707	1,267	1,666	37,144	2,783	0	1,478
GTAB	-	-	-	-	-	-	-	-	-
Other	-	0	0	0	-	816	-	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Biodiesel	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	92	0	525	0	104	982	393	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	92	0	525	0	104	982	393	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	92	0	525	0	104	982	393	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	405	0	384	28	721	10,804	1,460	0	221
Kerosene	-	0	0	0	-	37	-	-	-
Distillate Fuel Oil	2,534	0	1,016	951	867	23,567	2,204	0	680
15 ppm sulfur and under	2,534	0	1,016	951	867	22,919	2,100	0	680
Greater than 15 ppm to 500 ppm sulfur	0	0	0	0	-	1	104	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	647	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	17,837	21	10,017	92,123	19,185	81,691	37,745	0	4,350

See footnotes at end of table.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, November 2022
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	24,019	227	-	0	0
Petroleum Products	0	21,291	4,168	2,077	0	0
Natural Gas Liquids	0	20,326	4,168	-	0	0
Ethane	0	6,469	1,444	-	0	0
Propane	0	7,197	1,308	-	0	0
Normal Butane	0	2,960	390	-	0	0
Isobutane	0	1,147	432	-	0	0
Natural Gasoline	0	2,553	594	-	0	0
Motor Gasoline Blending Components	0	205	0	1,260	0	0
Reformulated - RBOB	0	0	0	0	0	-
Conventional	0	205	0	1,260	0	0
CBOB	0	205	0	1,260	0	0
GTAB	-	-	-	-	-	-
Other	0	-	0	-	0	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Biodiesel	--	--	--	--	--	--
Renewable Diesel Fuel	--	--	--	--	--	--
Other Biofuels ¹	--	--	--	--	--	--
Finished Motor Gasoline	0	378	0	86	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	378	0	86	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	378	0	86	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	24	0	329	0	0
Kerosene	0	-	0	-	0	-
Distillate Fuel Oil	0	358	0	402	0	0
15 ppm sulfur and under	0	358	0	402	0	0
Greater than 15 ppm to 500 ppm sulfur	0	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	45,310	4,395	2,077	0	0

-- = Not Applicable.

- = No Data Reported.

¹ 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."

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, December 2022
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	234	20	200	53,647	5,278	111	22,298	0	-
Petroleum Products	17,266	0	8,312	31,994	11,354	83,551	18,850	0	4,402
Natural Gas Liquids	7,052	0	5,910	29,518	8,095	2,299	12,921	0	-
Ethane	5,376	0	505	13,843	2,001	0	1,346	0	-
Propane	1,010	0	4,126	8,119	3,164	2,299	1,664	0	-
Normal Butane	127	0	1,279	3,383	1,326	0	655	0	-
Isobutane	301	0	0	1,313	471	0	754	0	-
Natural Gasoline	238	0	0	2,860	1,133	0	8,502	0	-
Motor Gasoline Blending Components	7,153	0	711	1,468	1,753	45,408	2,763	0	3,571
Reformulated - RBOB	0	0	0	285	-	6,696	519	-	2,031
Conventional	7,153	0	711	1,183	1,753	38,712	2,244	0	1,540
CBOB	7,153	0	711	1,183	1,753	37,896	2,244	0	1,540
GTAB	-	-	-	-	-	-	-	-	-
Other	-	0	0	0	-	816	-	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Biodiesel	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	92	0	511	0	97	982	187	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	92	0	511	0	97	982	187	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	92	0	511	0	97	982	187	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	405	0	109	0	528	10,968	1,660	0	260
Kerosene	-	0	0	0	-	37	-	-	-
Distillate Fuel Oil	2,564	0	1,071	1,008	881	23,857	1,319	0	571
15 ppm sulfur and under	2,564	0	1,071	1,008	881	23,209	1,172	0	571
Greater than 15 ppm to 500 ppm sulfur	0	0	0	0	-	1	147	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	647	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	17,500	20	8,512	85,641	16,632	83,662	41,148	0	4,402

See footnotes at end of table.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, December 2022
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	24,060	200	-	0	0
Petroleum Products	0	18,541	3,071	1,827	0	0
Natural Gas Liquids	0	17,526	3,071	-	0	0
Ethane	0	5,199	820	-	0	0
Propane	0	6,389	1,038	-	0	0
Normal Butane	0	2,645	447	-	0	0
Isobutane	0	1,031	249	-	0	0
Natural Gasoline	0	2,262	517	-	0	0
Motor Gasoline Blending Components	0	178	0	1,428	0	0
Reformulated - RBOB	0	0	0	0	0	-
Conventional	0	178	0	1,428	0	0
CBOB	0	178	0	1,428	0	0
GTAB	-	-	-	-	-	-
Other	0	-	0	-	0	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Biodiesel	--	--	--	--	--	--
Renewable Diesel Fuel	--	--	--	--	--	--
Other Biofuels ¹	--	--	--	--	--	--
Finished Motor Gasoline	0	435	0	100	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	435	0	100	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	435	0	100	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	12	0	25	0	0
Kerosene	0	-	0	-	0	-
Distillate Fuel Oil	0	390	0	274	0	0
15 ppm sulfur and under	0	390	0	274	0	0
Greater than 15 ppm to 500 ppm sulfur	0	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	42,601	3,271	1,827	0	0

-- = Not Applicable.

- = No Data Reported.

¹ 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."