

**Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail <sup>1</sup> Between PAD Districts, January 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
<b>Crude Oil</b>	<b>5,135</b>	<b>316</b>	<b>4,819</b>	<b>60,313</b>	<b>80,326</b>	<b>-20,013</b>	<b>66,784</b>	<b>36,811</b>	<b>29,973</b>
<b>Petroleum Products</b>	<b>135,680</b>	<b>16,317</b>	<b>119,363</b>	<b>46,296</b>	<b>72,225</b>	<b>-25,929</b>	<b>44,043</b>	<b>139,234</b>	<b>-95,191</b>
Natural Gas Liquids	7,844	7,815	29	29,391	36,160	-6,769	29,306	13,001	16,305
Ethane	0	5,450	-5,450	9,384	12,267	-2,883	13,273	993	12,280
Propane	6,764	1,277	5,487	7,674	15,261	-7,587	9,610	4,469	5,141
Normal Butane	841	343	498	2,878	4,806	-1,928	2,852	849	2,003
Isobutane	239	446	-207	2,015	1,830	185	1,518	837	681
Natural Gasoline	0	299	-299	7,440	1,996	5,444	2,053	5,853	-3,800
Refinery Olefins	408	0	408	0	848	-848	440	0	440
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	408	0	408	0	848	-848	440	0	440
Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	262	43	219	329	615	-286	615	548	67
Motor Gasoline Blending Components	63,496	5,447	58,049	9,465	4,273	5,192	2,011	69,798	-67,787
Reformulated - RBOB	8,444	0	8,444	1,116	92	1,024	92	11,859	-11,767
Conventional	55,052	5,447	49,605	8,349	4,181	4,168	1,919	57,939	-56,020
CBOB	54,802	5,447	49,355	8,011	3,609	4,402	1,347	57,351	-56,004
GTAB	0	0	-	-	-	-	0	0	-
Other	250	0	250	338	572	-234	572	588	-16
Renewable Fuels	9,782	0	9,782	0	21,985	-21,985	7,505	768	6,737
Fuel Ethanol	9,366	0	9,366	0	21,124	-21,124	7,282	589	6,693
Renewable Diesel Fuel <sup>2</sup>	417	0	417	0	861	-861	223	179	44
Other Renewable Fuels	-	-	-	0	10	0	0	0	0
Finished Motor Gasoline	4,799	63	4,736	620	1,192	-572	329	4,310	-3,981
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	4,799	63	4,736	620	1,192	-572	329	4,310	-3,981
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	4,799	63	4,736	620	1,192	-572	329	4,310	-3,981
Finished Aviation Gasoline	104	0	104	10	0	10	0	114	-114
Kerosene-Type Jet Fuel	15,152	252	14,900	1,612	1,081	531	0	16,546	-16,546
Kerosene	233	20	213	20	0	20	0	233	-233
Distillate Fuel Oil	31,847	2,174	29,673	4,202	3,009	1,193	1,219	32,763	-31,544
15 ppm sulfur and under	30,591	2,174	28,417	4,078	3,009	1,069	1,219	31,383	-30,164
Greater than 15 ppm to 500 ppm sulfur	86	0	86	124	0	124	0	210	-210
Greater than 500 ppm sulfur	1,170	0	1,170	0	0	0	0	1,170	-1,170
Residual Fuel Oil	0	218	-218	0	1,215	-1,215	1,433	0	1,433
Petrochemical Feedstocks	0	255	-255	0	120	-120	375	0	375
Naphtha for Petrochemical Feedstock Use	0	0	-	0	97	-97	97	0	97
Other Oils for Petrochemical Feedstock Use	0	255	-255	0	23	-23	278	0	278
Special Naphthas	0	0	-	29	0	29	0	29	-29
Lubricants	361	0	361	138	0	138	0	499	-499
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	431	0	431	152	946	-794	611	52	559
Asphalt and Road Oil	961	30	931	328	781	-453	199	574	-375
Miscellaneous Products	0	0	-	0	0	-	0	0	-
<b>Total</b>	<b>140,815</b>	<b>16,633</b>	<b>124,182</b>	<b>106,609</b>	<b>152,551</b>	<b>-45,942</b>	<b>110,828</b>	<b>176,046</b>	<b>-65,218</b>

See footnotes at end of table.

**Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail <sup>1</sup> Between PAD Districts, January 2019**  
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil .....	7,345	27,113	-19,768	4,989	0	4,989
<b>Petroleum Products .....</b>	<b>7,381</b>	<b>19,516</b>	<b>-12,135</b>	<b>13,962</b>	<b>70</b>	<b>13,891</b>
Natural Gas Liquids .....	4,522	15,412	-10,890	1,325	0	1,325
Ethane .....	719	4,666	-3,947	0	0	-
Propane .....	2,140	5,537	-3,397	356	0	356
Normal Butane .....	897	2,342	-1,445	872	0	872
Isobutane .....	322	1,078	-756	97	0	97
Natural Gasoline .....	444	1,789	-1,345	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	0	-
Motor Gasoline Blending Components .....	1,003	1,441	-438	4,984	0	4,984
Reformulated - RBOB .....	-	-	-	2,299	0	2,299
Conventional .....	1,003	1,441	-438	2,685	0	2,685
CBOB .....	1,003	1,441	-438	2,685	0	2,685
GTAB .....	-	-	-	0	0	-
Other .....	0	0	-	0	0	-
Renewable Fuels .....	216	0	216	5,250	0	5,250
Fuel Ethanol .....	161	0	161	4,904	0	4,904
Renewable Diesel Fuel <sup>2</sup> .....	54	0	54	346	0	346
Other Renewable Fuels .....	-	-	-	0	0	-
Finished Motor Gasoline .....	157	720	-563	380	0	380
Reformulated .....	-	-	-	0	0	-
Reformulated Blended with Fuel Ethanol .....	-	-	-	0	0	-
Reformulated Other .....	-	-	-	-	-	-
Conventional .....	157	720	-563	380	0	380
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 .....	157	720	-563	380	0	380
Finished Aviation Gasoline .....	0	0	-	0	0	-
Kerosene-Type Jet Fuel .....	965	102	863	252	0	252
Kerosene .....	0	0	-	0	0	-
Distillate Fuel Oil .....	498	885	-387	1,065	0	1,065
15 ppm sulfur and under .....	498	885	-387	1,065	0	1,065
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	0	-
Waxes .....	0	0	-	0	0	-
Marketable Petroleum Coke .....	0	279	-279	133	50	83
Asphalt and Road Oil .....	21	677	-656	573	21	553
Miscellaneous Products .....	0	0	-	0	0	-
<b>Total .....</b>	<b>14,726</b>	<b>46,629</b>	<b>-31,903</b>	<b>18,951</b>	<b>70</b>	<b>18,881</b>

- = No Data Reported.

<sup>1</sup> 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.

<sup>2</sup> 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.

**Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail <sup>1</sup> Between PAD Districts, February 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
<b>Crude Oil</b> .....	<b>4,409</b>	<b>364</b>	<b>4,045</b>	<b>50,081</b>	<b>69,665</b>	<b>-19,584</b>	<b>59,246</b>	<b>30,168</b>	<b>29,078</b>
<b>Petroleum Products</b> .....	<b>116,306</b>	<b>14,821</b>	<b>101,485</b>	<b>42,202</b>	<b>65,575</b>	<b>-23,373</b>	<b>40,805</b>	<b>118,600</b>	<b>-77,795</b>
Natural Gas Liquids .....	7,402	7,154	248	25,817	34,834	-9,017	27,897	9,540	18,357
Ethane .....	0	5,366	-5,366	9,379	12,610	-3,231	13,036	888	12,148
Propane .....	5,991	875	5,116	6,334	13,572	-7,238	8,318	3,002	5,316
Normal Butane .....	1,205	236	969	2,349	5,026	-2,677	2,999	368	2,631
Isobutane .....	206	438	-232	1,545	1,700	-155	1,518	508	1,010
Natural Gasoline .....	0	239	-239	6,210	1,926	4,284	2,026	4,774	-2,748
Refinery Olefins .....	203	0	203	0	404	-404	201	0	201
Ethylene .....	0	0	-	-	-	-	0	0	-
Propylene .....	203	0	203	0	404	-404	201	0	201
Butylene .....	0	0	-	0	0	-	0	0	-
Isobutylene .....	0	0	-	0	0	-	0	0	-
Unfinished Oils .....	0	9	-9	464	471	-7	471	455	16
Motor Gasoline Blending Components .....	50,778	4,955	45,823	8,829	4,509	4,320	2,062	56,929	-54,867
Reformulated - RBOB .....	7,574	0	7,574	1,321	414	907	414	11,105	-10,691
Conventional .....	43,204	4,955	38,249	7,508	4,095	3,413	1,648	45,824	-44,176
CBOB .....	43,204	4,955	38,249	7,153	3,723	3,430	1,276	45,469	-44,193
GTAB .....	0	0	-	-	-	-	0	0	-
Other .....	0	0	-	355	372	-17	372	355	17
Renewable Fuels .....	8,984	0	8,984	0	18,564	-18,564	6,901	844	6,057
Fuel Ethanol .....	8,703	0	8,703	0	17,810	-17,810	6,611	533	6,078
Renewable Diesel Fuel <sup>2</sup> .....	281	0	281	0	754	-754	290	311	-21
Other Renewable Fuels .....	-	-	-	-	-	-	0	0	-
Finished Motor Gasoline .....	6,383	32	6,351	614	793	-179	311	6,373	-6,062
Reformulated .....	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol .....	0	0	-	0	0	-	0	0	-
Reformulated Other .....	-	-	-	-	-	-	-	-	-
Conventional .....	6,383	32	6,351	614	793	-179	311	6,373	-6,062
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 .....	6,383	32	6,351	614	793	-179	311	6,373	-6,062
Finished Aviation Gasoline .....	49	0	49	9	0	9	0	58	-58
Kerosene-Type Jet Fuel .....	13,917	207	13,710	1,994	772	1,222	7	15,856	-15,849
Kerosene .....	228	0	228	0	0	-	0	228	-228
Distillate Fuel Oil .....	26,652	2,335	24,317	3,929	2,828	1,101	1,146	27,241	-26,095
15 ppm sulfur and under .....	25,528	2,335	23,193	3,795	2,828	967	1,146	25,983	-24,837
Greater than 15 ppm to 500 ppm sulfur .....	0	0	-	134	0	134	0	134	-134
Greater than 500 ppm sulfur .....	1,124	0	1,124	0	0	-	0	1,124	-1,124
Residual Fuel Oil .....	0	129	-129	0	442	-442	571	0	571
Petrochemical Feedstocks .....	0	0	-	0	92	-92	92	0	92
Naphtha for Petrochemical Feedstock Use .....	0	0	-	0	45	-45	45	0	45
Other Oils for Petrochemical Feedstock Use .....	0	0	-	0	47	-47	47	0	47
Special Naphthas .....	0	0	-	29	0	29	0	29	-29
Lubricants .....	306	0	306	173	10	163	0	469	-469
Waxes .....	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke .....	387	0	387	96	987	-891	891	0	891
Asphalt and Road Oil .....	1,017	0	1,017	248	869	-620	255	578	-323
Miscellaneous Products .....	0	0	-	0	0	-	0	0	-
<b>Total</b> .....	<b>120,715</b>	<b>15,185</b>	<b>105,530</b>	<b>92,283</b>	<b>135,239</b>	<b>-42,956</b>	<b>100,050</b>	<b>148,768</b>	<b>-48,717</b>

See footnotes at end of table.

**Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail <sup>1</sup> Between PAD Districts, February 2019**  
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil .....	5,932	22,568	-16,636	3,097	0	3,097
<b>Petroleum Products .....</b>	<b>6,814</b>	<b>18,211</b>	<b>-11,397</b>	<b>11,145</b>	<b>66</b>	<b>11,079</b>
Natural Gas Liquids .....	3,892	14,256	-10,364	776	0	776
Ethane .....	710	4,261	-3,551	0	0	-
Propane .....	1,794	5,193	-3,399	205	0	205
Normal Butane .....	754	2,124	-1,370	447	0	447
Isobutane .....	274	1,021	-747	124	0	124
Natural Gasoline .....	360	1,657	-1,297	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	0	-
Motor Gasoline Blending Components .....	1,338	1,440	-102	4,826	0	4,826
Reformulated - RBOB .....	-	-	-	2,210	0	2,210
Conventional .....	1,338	1,440	-102	2,616	0	2,616
CBOB .....	1,338	1,440	-102	2,616	0	2,616
GTAB .....	-	-	-	-	-	-
Other .....	0	0	-	0	0	-
Renewable Fuels .....	257	0	257	3,265	0	3,265
Fuel Ethanol .....	239	0	239	2,789	0	2,789
Renewable Diesel Fuel <sup>2</sup> .....	18	0	18	476	0	476
Other Renewable Fuels .....	-	-	-	0	0	-
Finished Motor Gasoline .....	163	861	-698	588	0	588
Reformulated .....	-	-	-	0	0	-
Reformulated Blended with Fuel Ethanol .....	-	-	-	0	0	-
Reformulated Other .....	-	-	-	-	-	-
Conventional .....	163	861	-698	588	0	588
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 .....	163	861	-698	588	0	588
Finished Aviation Gasoline .....	0	0	-	0	0	-
Kerosene-Type Jet Fuel .....	666	53	613	304	0	304
Kerosene .....	0	0	-	0	0	-
Distillate Fuel Oil .....	457	706	-249	926	0	926
15 ppm sulfur and under .....	457	706	-249	926	0	926
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	0	-
Waxes .....	0	0	-	0	0	-
Marketable Petroleum Coke .....	0	430	-430	69	25	44
Asphalt and Road Oil .....	41	465	-424	392	41	351
Miscellaneous Products .....	0	0	-	0	0	-
<b>Total .....</b>	<b>12,746</b>	<b>40,779</b>	<b>-28,033</b>	<b>14,242</b>	<b>66</b>	<b>14,176</b>

- = No Data Reported.

<sup>1</sup> 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.

<sup>2</sup> 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.

**Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail <sup>1</sup> Between PAD Districts, March 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
<b>Crude Oil</b>	<b>5,602</b>	<b>397</b>	<b>5,205</b>	<b>50,781</b>	<b>85,392</b>	<b>-34,611</b>	<b>70,944</b>	<b>30,075</b>	<b>40,869</b>
<b>Petroleum Products</b>	<b>135,580</b>	<b>18,573</b>	<b>117,007</b>	<b>49,836</b>	<b>72,623</b>	<b>-22,787</b>	<b>44,056</b>	<b>138,868</b>	<b>-94,812</b>
Natural Gas Liquids	8,916	7,895	1,021	26,348	41,429	-15,081	32,269	7,863	24,406
Ethane	0	6,338	-6,338	10,546	14,893	-4,347	15,377	928	14,449
Propane	6,877	872	6,005	6,461	16,228	-9,767	9,237	2,303	6,934
Normal Butane	1,907	191	1,716	2,431	6,413	-3,982	3,877	308	3,569
Isobutane	132	287	-155	1,705	1,694	11	1,459	621	838
Natural Gasoline	0	207	-207	5,205	2,201	3,004	2,319	3,703	-1,384
Refinery Olefins	394	0	394	0	837	-837	443	0	443
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	394	0	394	0	837	-837	443	0	443
Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	0	17	-17	389	746	-357	746	372	374
Motor Gasoline Blending Components	62,092	7,143	54,949	11,932	3,558	8,374	1,298	69,338	-68,040
Reformulated - RBOB	7,591	0	7,591	1,164	0	1,164	0	11,106	-11,106
Conventional	54,501	7,143	47,358	10,768	3,558	7,210	1,298	58,232	-56,934
CBOB	54,269	7,143	47,126	9,975	3,423	6,552	1,163	57,207	-56,044
GTAB	0	0	-	-	-	-	0	0	-
Other	232	0	232	793	135	658	135	1,025	-890
Renewable Fuels	9,084	0	9,084	0	18,976	-18,976	5,914	915	4,998
Fuel Ethanol	8,604	0	8,604	0	17,964	-17,964	5,456	668	4,788
Renewable Diesel Fuel <sup>2</sup>	480	0	480	0	1,012	-1,012	457	247	210
Other Renewable Fuels	-	-	-	-	-	-	0	0	-
Finished Motor Gasoline	7,090	81	7,009	955	754	201	264	7,282	-7,018
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	7,090	81	7,009	955	754	201	264	7,282	-7,018
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	7,090	81	7,009	955	754	201	264	7,282	-7,018
Finished Aviation Gasoline	86	0	86	9	0	9	0	95	-95
Kerosene-Type Jet Fuel	16,225	262	15,963	2,256	940	1,316	92	18,407	-18,315
Kerosene	0	0	-	0	0	-	0	0	-
Distillate Fuel Oil	29,862	2,944	26,918	7,435	2,589	4,846	874	33,347	-32,473
15 ppm sulfur and under	28,145	2,944	25,201	7,298	2,589	4,709	874	31,493	-30,619
Greater than 15 ppm to 500 ppm sulfur	0	0	-	137	0	137	0	137	-137
Greater than 500 ppm sulfur	1,717	0	1,717	0	0	-	0	1,717	-1,717
Residual Fuel Oil	0	0	-	0	679	-679	679	0	679
Petrochemical Feedstocks	0	0	-	0	46	-46	46	0	46
Naphtha for Petrochemical Feedstock Use	0	0	-	0	46	-46	46	0	46
Other Oils for Petrochemical Feedstock Use	0	0	-	0	0	-	0	0	-
Special Naphthas	0	0	-	0	0	-	0	0	-
Lubricants	351	0	351	128	0	128	42	479	-437
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	635	0	635	121	1,075	-954	662	109	553
Asphalt and Road Oil	844	0	844	263	994	-731	496	661	-165
Miscellaneous Products	0	231	-231	0	0	-	231	0	231
<b>Total</b>	<b>141,182</b>	<b>18,970</b>	<b>122,212</b>	<b>100,617</b>	<b>158,015</b>	<b>-57,398</b>	<b>115,000</b>	<b>168,943</b>	<b>-53,943</b>

See footnotes at end of table.

**Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail <sup>1</sup> Between PAD Districts, March 2019**  
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
<b>Crude Oil</b> .....	<b>6,495</b>	<b>23,388</b>	<b>-16,893</b>	<b>5,430</b>	<b>0</b>	<b>5,430</b>
<b>Petroleum Products</b> .....	<b>7,496</b>	<b>18,876</b>	<b>-11,380</b>	<b>12,134</b>	<b>162</b>	<b>11,972</b>
Natural Gas Liquids .....	4,543	15,547	-11,004	658	0	658
Ethane .....	855	4,619	-3,764	0	0	-
Propane .....	2,084	5,695	-3,611	439	0	439
Normal Butane .....	873	2,300	-1,427	124	0	124
Isobutane .....	319	1,108	-789	95	0	95
Natural Gasoline .....	412	1,825	-1,413	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	0	-
Motor Gasoline Blending Components .....	1,098	1,247	-149	4,866	0	4,866
Reformulated - RBOB .....	-	-	-	2,351	0	2,351
Conventional .....	1,098	1,247	-149	2,515	0	2,515
CBOB .....	1,098	1,247	-149	2,515	0	2,515
GTAB .....	-	-	-	-	-	-
Other .....	0	0	-	0	0	-
Renewable Fuels .....	293	0	293	4,600	0	4,600
Fuel Ethanol .....	220	0	220	4,351	0	4,351
Renewable Diesel Fuel <sup>2</sup> .....	72	0	72	249	0	249
Other Renewable Fuels .....	-	-	-	0	0	-
Finished Motor Gasoline .....	150	701	-551	359	0	359
Reformulated .....	-	-	-	0	0	-
Reformulated Blended with Fuel Ethanol .....	-	-	-	0	0	-
Reformulated Other .....	-	-	-	-	-	-
Conventional .....	150	701	-551	359	0	359
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 .....	150	701	-551	359	0	359
Finished Aviation Gasoline .....	0	0	-	0	0	-
Kerosene-Type Jet Fuel .....	755	69	686	350	0	350
Kerosene .....	0	0	-	0	0	-
Distillate Fuel Oil .....	614	664	-50	759	0	759
15 ppm sulfur and under .....	614	664	-50	759	0	759
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	42	-42
Waxes .....	0	0	-	0	0	-
Marketable Petroleum Coke .....	25	185	-160	46	120	-74
Asphalt and Road Oil .....	18	463	-445	497	0	497
Miscellaneous Products .....	0	0	-	0	0	-
<b>Total</b> .....	<b>13,991</b>	<b>42,264</b>	<b>-28,273</b>	<b>17,565</b>	<b>162</b>	<b>17,403</b>

- = No Data Reported.

<sup>1</sup> 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.

<sup>2</sup> 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.

**Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail <sup>1</sup> Between PAD Districts, April 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
<b>Crude Oil</b>	<b>6,077</b>	<b>402</b>	<b>5,675</b>	<b>54,079</b>	<b>86,031</b>	<b>-31,952</b>	<b>69,386</b>	<b>32,034</b>	<b>37,352</b>
<b>Petroleum Products</b>	<b>120,938</b>	<b>17,660</b>	<b>103,278</b>	<b>51,323</b>	<b>73,382</b>	<b>-22,059</b>	<b>43,735</b>	<b>125,973</b>	<b>-82,238</b>
Natural Gas Liquids	7,083	7,712	-629	26,051	39,169	-13,118	32,465	7,571	24,894
Ethane	0	5,940	-5,940	9,680	13,403	-3,723	14,337	872	13,465
Propane	5,657	994	4,663	6,456	16,021	-9,565	10,414	1,786	8,628
Normal Butane	1,188	229	959	2,514	5,431	-2,917	3,571	276	3,295
Isobutane	238	329	-91	1,612	1,880	-268	1,586	481	1,105
Natural Gasoline	0	220	-220	5,789	2,434	3,355	2,557	4,156	-1,599
Refinery Olefins	192	0	192	0	410	-410	218	0	218
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	192	0	192	0	410	-410	218	0	218
Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	0	30	-30	430	404	26	404	400	4
Motor Gasoline Blending Components	53,896	6,693	47,203	14,140	4,201	9,939	1,647	63,357	-61,710
Reformulated - RBOB	6,242	0	6,242	2,663	270	2,393	164	11,176	-11,012
Conventional	47,654	6,693	40,961	11,477	3,931	7,546	1,483	52,181	-50,698
CBOB	47,617	6,693	40,924	10,588	3,820	6,768	1,372	51,255	-49,883
GTAB	0	0	-	-	-	-	0	0	-
Other	37	0	37	889	111	778	111	926	-815
Renewable Fuels	10,953	0	10,953	0	21,745	-21,745	5,974	1,084	4,890
Fuel Ethanol	10,736	0	10,736	0	20,863	-20,863	5,609	707	4,902
Renewable Diesel Fuel <sup>2</sup>	217	0	217	0	883	-883	365	377	-12
Other Renewable Fuels	-	-	-	-	-	-	0	0	-
Finished Motor Gasoline	5,612	111	5,501	1,230	852	378	227	6,281	-6,054
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	5,612	111	5,501	1,230	852	378	227	6,281	-6,054
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	5,612	111	5,501	1,230	852	378	227	6,281	-6,054
Finished Aviation Gasoline	98	0	98	10	0	10	0	108	-108
Kerosene-Type Jet Fuel	15,442	316	15,126	1,989	1,004	985	0	17,221	-17,221
Kerosene	92	0	92	0	0	0	0	92	-92
Distillate Fuel Oil	25,341	2,694	22,647	6,569	2,560	4,009	831	28,503	-27,672
15 ppm sulfur and under	23,667	2,694	20,973	6,476	2,560	3,916	831	26,736	-25,905
Greater than 15 ppm to 500 ppm sulfur	1	0	1	93	0	93	0	94	-94
Greater than 500 ppm sulfur	1,673	0	1,673	0	0	-	0	1,673	-1,673
Residual Fuel Oil	0	0	-	0	571	-571	571	0	571
Petrochemical Feedstocks	0	0	-	20	122	-102	122	20	102
Naphtha for Petrochemical Feedstock Use	0	0	-	0	98	-98	98	0	98
Other Oils for Petrochemical Feedstock Use	0	0	-	20	24	-4	24	20	4
Special Naphthas	0	0	-	39	0	39	0	39	-39
Lubricants	520	0	520	145	20	125	0	645	-645
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	730	0	730	248	1,091	-843	543	0	543
Asphalt and Road Oil	979	104	875	448	1,233	-784	733	649	84
Miscellaneous Products	0	0	-	3	0	3	0	3	-3
<b>Total</b>	<b>127,015</b>	<b>18,062</b>	<b>108,953</b>	<b>105,402</b>	<b>159,413</b>	<b>-54,012</b>	<b>113,121</b>	<b>158,007</b>	<b>-44,886</b>

See footnotes at end of table.

**Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail <sup>1</sup> Between PAD Districts, April 2019**  
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil .....	7,155	24,809	-17,654	6,579	0	6,579
<b>Petroleum Products .....</b>	<b>7,807</b>	<b>19,492</b>	<b>-11,685</b>	<b>12,961</b>	<b>257</b>	<b>12,704</b>
Natural Gas Liquids .....	4,277	16,062	-11,785	638	0	638
Ethane .....	650	4,452	-3,802	0	0	-
Propane .....	1,994	6,027	-4,033	307	0	307
Normal Butane .....	870	2,425	-1,555	218	0	218
Isobutane .....	317	1,176	-859	113	0	113
Natural Gasoline .....	446	1,982	-1,536	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	0	-
Motor Gasoline Blending Components .....	1,169	962	207	4,361	0	4,361
Reformulated - RBOB .....	-	-	-	2,377	0	2,377
Conventional .....	1,169	962	207	1,984	0	1,984
CBOB .....	1,169	962	207	1,984	0	1,984
GTAB .....	-	-	-	0	0	-
Other .....	0	0	-	0	0	-
Renewable Fuels .....	501	27	474	5,454	25	5,429
Fuel Ethanol .....	444	27	417	4,808	0	4,808
Renewable Diesel Fuel <sup>2</sup> .....	57	0	57	645	25	620
Other Renewable Fuels .....	-	-	-	0	0	-
Finished Motor Gasoline .....	319	782	-463	638	0	638
Reformulated .....	-	-	-	0	0	-
Reformulated Blended with Fuel Ethanol .....	-	-	-	0	0	-
Reformulated Other .....	-	-	-	-	-	-
Conventional .....	319	782	-463	638	0	638
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 .....	319	782	-463	638	0	638
Finished Aviation Gasoline .....	0	0	-	0	0	-
Kerosene-Type Jet Fuel .....	848	42	806	304	0	304
Kerosene .....	0	0	-	0	0	-
Distillate Fuel Oil .....	650	616	34	982	0	982
15 ppm sulfur and under .....	650	616	34	982	0	982
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	0	-
Waxes .....	0	0	-	0	0	-
Marketable Petroleum Coke .....	24	334	-310	111	232	-120
Asphalt and Road Oil .....	19	666	-647	473	0	473
Miscellaneous Products .....	0	0	-	0	0	-
<b>Total .....</b>	<b>14,962</b>	<b>44,300</b>	<b>-29,338</b>	<b>19,540</b>	<b>257</b>	<b>19,283</b>

- = No Data Reported.

<sup>1</sup> 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.

<sup>2</sup> 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.



**Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail <sup>1</sup> Between PAD Districts, May 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
<b>Crude Oil</b>	<b>7,807</b>	<b>436</b>	<b>7,371</b>	<b>57,803</b>	<b>87,450</b>	<b>-29,647</b>	<b>70,130</b>	<b>36,300</b>	<b>33,830</b>
<b>Petroleum Products</b>	<b>131,288</b>	<b>16,825</b>	<b>114,463</b>	<b>53,276</b>	<b>74,063</b>	<b>-20,788</b>	<b>44,417</b>	<b>138,531</b>	<b>-94,114</b>
Natural Gas Liquids	6,972	6,931	41	25,170	38,989	-13,819	32,034	7,124	24,910
Ethane	0	5,124	-5,124	8,564	12,511	-3,947	13,193	813	12,380
Propane	5,140	863	4,277	6,620	14,798	-8,178	9,354	1,499	7,855
Normal Butane	1,635	315	1,320	2,610	6,402	-3,792	4,281	366	3,915
Isobutane	197	405	-208	1,537	1,827	-290	1,567	365	1,202
Natural Gasoline	0	224	-224	5,839	3,451	2,388	3,639	4,081	-442
Refinery Olefins	465	0	465	0	797	-797	332	0	332
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	465	0	465	0	797	-797	332	0	332
Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	0	18	-18	191	1,336	-1,145	1,336	173	1,163
Motor Gasoline Blending Components	60,386	6,731	53,655	18,004	4,631	13,373	1,595	73,980	-72,385
Reformulated - RBOB	7,224	0	7,224	7,496	226	7,270	162	17,102	-16,940
Conventional	53,162	6,731	46,431	10,508	4,405	6,103	1,433	56,878	-55,445
CBOB	53,012	6,731	46,281	9,893	4,272	5,621	1,300	56,113	-54,813
GTAB	0	0	-	-	-	-	0	0	-
Other	150	0	150	615	133	482	133	765	-632
Renewable Fuels	10,926	0	10,926	0	21,722	-21,722	6,237	503	5,734
Fuel Ethanol	10,736	0	10,736	0	20,924	-20,924	5,876	436	5,440
Renewable Diesel Fuel <sup>2</sup>	190	0	190	0	798	-798	360	67	293
Other Renewable Fuels	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	7,042	80	6,962	1,950	668	1,282	153	8,233	-8,080
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	7,042	80	6,962	1,950	668	1,282	153	8,233	-8,080
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	7,042	80	6,962	1,950	668	1,282	153	8,233	-8,080
Finished Aviation Gasoline	100	0	100	13	0	13	0	113	-113
Kerosene-Type Jet Fuel	15,835	384	15,451	1,811	923	888	0	17,452	-17,452
Kerosene	0	0	-	0	0	-	0	0	-
Distillate Fuel Oil	27,399	2,661	24,738	5,320	2,709	2,611	1,048	29,106	-28,058
15 ppm sulfur and under	25,882	2,661	23,221	5,195	2,709	2,486	1,048	27,464	-26,416
Greater than 15 ppm to 500 ppm sulfur	1	0	1	125	0	125	0	126	-126
Greater than 500 ppm sulfur	1,516	0	1,516	0	0	-	0	1,516	-1,516
Residual Fuel Oil	0	0	-	0	686	-686	686	0	686
Petrochemical Feedstocks	109	0	109	0	43	-43	43	109	-66
Naphtha for Petrochemical Feedstock Use	0	0	-	0	43	-43	43	0	43
Other Oils for Petrochemical Feedstock Use	109	0	109	0	0	-	0	109	-109
Special Naphthas	0	0	-	19	0	19	0	19	-19
Lubricants	511	0	511	149	0	149	95	660	-565
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	231	0	231	191	428	-238	421	26	395
Asphalt and Road Oil	1,313	20	1,293	458	1,131	-673	438	1,033	-595
Miscellaneous Products	0	0	-	0	0	-	0	0	-
<b>Total</b>	<b>139,095</b>	<b>17,261</b>	<b>121,834</b>	<b>111,079</b>	<b>161,514</b>	<b>-50,435</b>	<b>114,547</b>	<b>174,831</b>	<b>-60,284</b>

See footnotes at end of table.

**Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail <sup>1</sup> Between PAD Districts, May 2019**  
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil .....	6,698	24,533	-17,835	6,282	0	6,282
<b>Petroleum Products .....</b>	<b>8,238</b>	<b>20,076</b>	<b>-11,838</b>	<b>12,541</b>	<b>265</b>	<b>12,276</b>
Natural Gas Liquids .....	4,335	16,257	-11,922	790	0	790
Ethane .....	520	3,829	-3,309	0	0	-
Propane .....	2,108	6,331	-4,223	269	0	269
Normal Butane .....	916	2,573	-1,657	214	0	214
Isobutane .....	333	1,344	-1,011	307	0	307
Natural Gasoline .....	458	2,180	-1,722	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	0	-
Motor Gasoline Blending Components .....	1,662	1,099	563	4,794	0	4,794
Reformulated - RBOB .....	-	-	-	2,446	0	2,446
Conventional .....	1,662	1,099	563	2,348	0	2,348
CBOB .....	1,662	1,099	563	2,348	0	2,348
GTAB .....	-	-	-	-	-	-
Other .....	0	0	-	0	0	-
Renewable Fuels .....	447	0	447	4,641	25	4,616
Fuel Ethanol .....	384	0	384	4,364	0	4,364
Renewable Diesel Fuel <sup>2</sup> .....	63	0	63	276	25	251
Other Renewable Fuels .....	-	-	-	0	0	-
Finished Motor Gasoline .....	240	994	-754	590	0	590
Reformulated .....	-	-	-	0	0	-
Reformulated Blended with Fuel Ethanol .....	-	-	-	0	0	-
Reformulated Other .....	-	-	-	-	-	-
Conventional .....	240	994	-754	590	0	590
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 .....	240	994	-754	590	0	590
Finished Aviation Gasoline .....	0	0	-	0	0	-
Kerosene-Type Jet Fuel .....	840	47	793	320	0	320
Kerosene .....	0	0	-	0	0	-
Distillate Fuel Oil .....	671	769	-98	807	0	807
15 ppm sulfur and under .....	671	769	-98	807	0	807
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	95	-95
Waxes .....	0	0	-	0	0	-
Marketable Petroleum Coke .....	24	312	-288	45	145	-100
Asphalt and Road Oil .....	19	598	-579	555	0	555
Miscellaneous Products .....	0	0	-	0	0	-
<b>Total .....</b>	<b>14,936</b>	<b>44,608</b>	<b>-29,673</b>	<b>18,823</b>	<b>265</b>	<b>18,558</b>

- = No Data Reported.

<sup>1</sup> 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.

<sup>2</sup> 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.

**Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail <sup>1</sup> Between PAD Districts, June 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
<b>Crude Oil</b>	<b>6,229</b>	<b>387</b>	<b>5,842</b>	<b>57,236</b>	<b>84,566</b>	<b>-27,330</b>	<b>69,387</b>	<b>31,865</b>	<b>37,523</b>
<b>Petroleum Products</b>	<b>122,379</b>	<b>16,742</b>	<b>105,637</b>	<b>52,764</b>	<b>71,959</b>	<b>-19,195</b>	<b>43,296</b>	<b>130,776</b>	<b>-87,481</b>
Natural Gas Liquids	6,978	6,869	109	24,739	38,087	-13,348	30,504	7,593	22,911
Ethane	0	5,018	-5,018	8,185	11,898	-3,713	12,370	939	11,431
Propane	5,082	1,005	4,077	6,600	14,327	-7,727	8,782	1,585	7,197
Normal Butane	1,599	239	1,360	2,463	7,281	-4,818	5,015	386	4,629
Isobutane	297	350	-53	1,379	1,941	-562	1,640	306	1,334
Natural Gasoline	0	257	-257	6,112	2,640	3,472	2,697	4,377	-1,680
Refinery Olefins	306	0	306	0	523	-523	217	0	217
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	306	0	306	0	523	-523	217	0	217
Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	52	40	12	452	1,561	-1,109	1,561	464	1,097
Motor Gasoline Blending Components	56,926	6,693	50,233	18,131	4,805	13,326	2,037	70,496	-68,459
Reformulated - RBOB	8,636	0	8,636	7,226	266	6,960	256	18,007	-17,751
Conventional	48,290	6,693	41,597	10,905	4,539	6,366	1,781	52,489	-50,708
CBOB	48,290	6,693	41,597	10,227	4,375	5,852	1,617	51,811	-50,194
GTAB	0	0	-	-	-	-	0	0	-
Other	0	0	-	678	164	514	164	678	-514
Renewable Fuels	9,484	0	9,484	0	20,458	-20,458	6,363	759	5,604
Fuel Ethanol	9,348	0	9,348	0	20,116	-20,116	6,212	380	5,832
Renewable Diesel Fuel <sup>2</sup>	136	0	136	0	343	-343	150	379	-228
Other Renewable Fuels	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	2,438	94	2,344	2,009	779	1,230	157	3,605	-3,448
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	2,438	94	2,344	2,009	779	1,230	157	3,605	-3,448
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	2,438	94	2,344	2,009	779	1,230	157	3,605	-3,448
Finished Aviation Gasoline	45	0	45	0	0	-	0	45	-45
Kerosene-Type Jet Fuel	15,107	324	14,783	1,885	986	899	50	16,724	-16,674
Kerosene	0	0	-	0	0	-	0	0	-
Distillate Fuel Oil	28,570	2,722	25,848	4,791	2,610	2,181	962	29,456	-28,494
15 ppm sulfur and under	27,476	2,722	24,754	4,693	2,610	2,083	962	28,264	-27,302
Greater than 15 ppm to 500 ppm sulfur	0	0	-	98	0	98	0	98	-98
Greater than 500 ppm sulfur	1,094	0	1,094	0	0	-	0	1,094	-1,094
Residual Fuel Oil	0	0	-	0	110	-110	110	0	110
Petrochemical Feedstocks	109	0	109	0	0	-	0	109	-109
Naphtha for Petrochemical Feedstock Use	0	0	-	0	0	-	0	0	-
Other Oils for Petrochemical Feedstock Use	109	0	109	0	0	-	0	109	-109
Special Naphthas	0	0	-	10	0	10	0	10	-10
Lubricants	591	0	591	118	0	118	0	709	-709
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	696	0	696	226	811	-584	784	81	703
Asphalt and Road Oil	1,077	0	1,077	403	1,219	-816	541	725	-184
Miscellaneous Products	0	0	-	0	10	-10	10	0	10
<b>Total</b>	<b>128,608</b>	<b>17,129</b>	<b>111,479</b>	<b>110,000</b>	<b>156,524</b>	<b>-46,524</b>	<b>112,683</b>	<b>162,641</b>	<b>-49,958</b>

See footnotes at end of table.

**Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail <sup>1</sup> Between PAD Districts, June 2019**  
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
<b>Crude Oil</b> .....	<b>6,131</b>	<b>27,763</b>	<b>-21,632</b>	<b>5,598</b>	<b>0</b>	<b>5,598</b>
<b>Petroleum Products</b> .....	<b>7,773</b>	<b>19,046</b>	<b>-11,273</b>	<b>12,408</b>	<b>96</b>	<b>12,312</b>
Natural Gas Liquids .....	4,389	14,805	-10,416	744	0	744
Ethane .....	564	3,264	-2,700	0	0	-
Propane .....	2,106	5,975	-3,869	322	0	322
Normal Butane .....	917	2,423	-1,506	335	0	335
Isobutane .....	337	1,143	-806	87	0	87
Natural Gasoline .....	465	2,000	-1,535	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	0	-
Motor Gasoline Blending Components .....	1,598	1,088	510	4,390	0	4,390
Reformulated - RBOB .....	-	-	-	2,155	0	2,155
Conventional .....	1,598	1,088	510	2,235	0	2,235
CBOB .....	1,598	1,088	510	2,235	0	2,235
GTAB .....	-	-	-	-	-	-
Other .....	0	0	-	0	0	-
Renewable Fuels .....	170	0	170	5,201	0	5,201
Fuel Ethanol .....	170	0	170	4,766	0	4,766
Renewable Diesel Fuel <sup>2</sup> .....	0	0	-	435	0	435
Other Renewable Fuels .....	-	-	-	0	0	-
Finished Motor Gasoline .....	244	728	-484	358	0	358
Reformulated .....	-	-	-	0	0	-
Reformulated Blended with Fuel Ethanol .....	-	-	-	0	0	-
Reformulated Other .....	-	-	-	-	-	-
Conventional .....	244	728	-484	358	0	358
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 .....	244	728	-484	358	0	358
Finished Aviation Gasoline .....	0	0	-	0	0	-
Kerosene-Type Jet Fuel .....	807	22	785	207	0	207
Kerosene .....	0	0	-	0	0	-
Distillate Fuel Oil .....	546	844	-298	763	0	763
15 ppm sulfur and under .....	546	844	-298	763	0	763
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	0	-
Waxes .....	0	0	-	0	0	-
Marketable Petroleum Coke .....	0	768	-768	49	96	-47
Asphalt and Road Oil .....	19	792	-773	696	0	696
Miscellaneous Products .....	0	0	-	0	0	-
<b>Total</b> .....	<b>13,904</b>	<b>46,810</b>	<b>-32,906</b>	<b>18,006</b>	<b>96</b>	<b>17,910</b>

- = No Data Reported.

<sup>1</sup> 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.

<sup>2</sup> 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.

**Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail <sup>1</sup> Between PAD Districts, July 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
<b>Crude Oil</b>	<b>5,839</b>	<b>367</b>	<b>5,472</b>	<b>57,903</b>	<b>87,547</b>	<b>-29,644</b>	<b>71,793</b>	<b>34,040</b>	<b>37,753</b>
<b>Petroleum Products</b>	<b>126,713</b>	<b>16,988</b>	<b>109,725</b>	<b>50,624</b>	<b>72,201</b>	<b>-21,577</b>	<b>41,626</b>	<b>131,506</b>	<b>-89,880</b>
Natural Gas Liquids	7,866	6,326	1,540	25,180	37,755	-12,575	29,150	8,517	20,633
Ethane	0	4,508	-4,508	7,402	9,931	-2,529	10,132	853	9,279
Propane	5,895	933	4,962	6,656	15,956	-9,300	9,773	1,726	8,047
Normal Butane	1,651	169	1,482	2,570	6,676	-4,106	4,323	451	3,872
Isobutane	320	441	-121	1,955	2,268	-313	1,897	772	1,125
Natural Gasoline	0	275	-275	6,597	2,924	3,673	3,025	4,715	-1,690
Refinery Olefins	292	0	292	0	800	-800	508	0	508
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	292	0	292	0	800	-800	508	0	508
Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	0	18	-18	231	888	-657	888	213	675
Motor Gasoline Blending Components	61,097	7,474	53,623	16,003	4,520	11,483	1,778	71,955	-70,177
Reformulated - RBOB	9,571	0	9,571	4,639	298	4,341	298	16,470	-16,172
Conventional	51,526	7,474	44,052	11,364	4,222	7,142	1,480	55,485	-54,005
CBOB	51,350	7,474	43,876	10,484	3,939	6,545	1,197	54,252	-53,055
GTAB	0	0	-	-	-	-	0	0	-
Other	176	0	176	880	283	597	283	1,233	-950
Renewable Fuels	10,303	0	10,303	0	19,792	-19,792	5,115	640	4,475
Fuel Ethanol	10,146	0	10,146	0	19,101	-19,101	4,958	519	4,439
Renewable Diesel Fuel <sup>2</sup>	158	0	158	0	691	-691	158	121	37
Other Renewable Fuels	-	-	-	-	-	-	0	0	-
Finished Motor Gasoline	2,039	113	1,926	1,974	533	1,441	157	3,210	-3,053
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	2,039	113	1,926	1,974	533	1,441	157	3,210	-3,053
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	2,039	113	1,926	1,974	533	1,441	157	3,210	-3,053
Finished Aviation Gasoline	118	0	118	25	0	25	0	143	-143
Kerosene-Type Jet Fuel	16,006	331	15,675	1,958	1,030	928	0	17,733	-17,733
Kerosene	32	0	32	0	0	0	0	32	-32
Distillate Fuel Oil	26,132	2,701	23,431	4,528	3,401	1,127	1,725	27,086	-25,361
15 ppm sulfur and under	24,839	2,701	22,138	4,473	3,401	1,072	1,725	25,738	-24,013
Greater than 15 ppm to 500 ppm sulfur	0	0	-	55	0	55	0	55	-55
Greater than 500 ppm sulfur	1,293	0	1,293	0	0	-	0	1,293	-1,293
Residual Fuel Oil	0	0	-	0	1,103	-1,103	1,103	0	1,103
Petrochemical Feedstocks	305	0	305	0	140	-140	140	305	-165
Naphtha for Petrochemical Feedstock Use	0	0	-	0	140	-140	140	0	140
Other Oils for Petrochemical Feedstock Use	305	0	305	0	0	-	0	305	-305
Special Naphthas	0	0	-	26	0	26	0	26	-26
Lubricants	490	0	490	140	0	140	96	630	-534
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	572	25	547	25	1,157	-1,132	793	0	793
Asphalt and Road Oil	1,461	0	1,461	531	1,082	-551	172	1,013	-841
Miscellaneous Products	0	0	-	3	0	3	0	3	-3
<b>Total</b>	<b>132,553</b>	<b>17,355</b>	<b>115,198</b>	<b>108,527</b>	<b>159,748</b>	<b>-51,221</b>	<b>113,419</b>	<b>165,546</b>	<b>-52,127</b>

See footnotes at end of table.

**Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail <sup>1</sup> Between PAD Districts, July 2019**  
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil .....	6,581	27,052	-20,471	6,890	0	6,890
<b>Petroleum Products .....</b>	<b>8,475</b>	<b>18,376</b>	<b>-9,901</b>	<b>11,853</b>	<b>221</b>	<b>11,632</b>
Natural Gas Liquids .....	4,635	14,917	-10,282	684	0	684
Ethane .....	641	2,883	-2,242	0	0	-
Propane .....	2,175	6,132	-3,957	248	0	248
Normal Butane .....	954	2,498	-1,544	296	0	296
Isobutane .....	351	1,182	-831	140	0	140
Natural Gasoline .....	514	2,222	-1,708	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	0	-
Motor Gasoline Blending Components .....	1,506	1,170	336	4,735	0	4,735
Reformulated - RBOB .....	-	-	-	2,260	0	2,260
Conventional .....	1,506	1,170	336	2,475	0	2,475
CBOB .....	1,506	1,170	336	2,298	0	2,298
GTAB .....	-	-	-	-	-	-
Other .....	0	0	-	177	0	177
Renewable Fuels .....	595	28	568	4,495	50	4,446
Fuel Ethanol .....	477	28	449	4,068	0	4,068
Renewable Diesel Fuel <sup>2</sup> .....	119	0	119	428	50	378
Other Renewable Fuels .....	-	-	-	0	0	-
Finished Motor Gasoline .....	158	814	-656	342	0	342
Reformulated .....	-	-	-	0	0	-
Reformulated Blended with Fuel Ethanol .....	-	-	-	0	0	-
Reformulated Other .....	-	-	-	-	-	-
Conventional .....	158	814	-656	342	0	342
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 .....	158	814	-656	342	0	342
Finished Aviation Gasoline .....	0	0	-	0	0	-
Kerosene-Type Jet Fuel .....	943	22	921	209	0	209
Kerosene .....	0	0	-	0	0	-
Distillate Fuel Oil .....	638	701	-63	866	0	866
15 ppm sulfur and under .....	638	701	-63	866	0	866
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	96	-96
Waxes .....	0	0	-	0	0	-
Marketable Petroleum Coke .....	0	158	-158	24	75	-52
Asphalt and Road Oil .....	0	567	-567	498	0	498
Miscellaneous Products .....	0	0	-	0	0	-
<b>Total .....</b>	<b>15,056</b>	<b>45,428</b>	<b>-30,371</b>	<b>18,743</b>	<b>221</b>	<b>18,522</b>

- = No Data Reported.

<sup>1</sup> 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.

<sup>2</sup> 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.

**Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail <sup>1</sup> Between PAD Districts, August 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
<b>Crude Oil</b>	<b>3,635</b>	<b>528</b>	<b>3,107</b>	<b>57,073</b>	<b>84,531</b>	<b>-27,458</b>	<b>71,133</b>	<b>32,125</b>	<b>39,008</b>
<b>Petroleum Products</b>	<b>131,327</b>	<b>17,799</b>	<b>113,528</b>	<b>53,026</b>	<b>75,228</b>	<b>-22,203</b>	<b>43,713</b>	<b>137,861</b>	<b>-94,148</b>
Natural Gas Liquids	7,887	7,158	729	26,635	39,992	-13,357	30,936	10,070	20,866
Ethane	0	4,699	-4,699	7,982	10,346	-2,364	10,350	830	9,520
Propane	6,180	1,205	4,975	6,503	17,651	-11,148	11,211	2,132	9,079
Normal Butane	1,644	424	1,220	2,616	7,248	-4,632	4,731	445	4,286
Isobutane	63	534	-471	1,684	1,877	-193	1,741	594	1,147
Natural Gasoline	0	296	-296	7,850	2,870	4,980	2,903	6,069	-3,166
Refinery Olefins	216	0	216	0	495	-495	279	0	279
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	216	0	216	0	495	-495	279	0	279
Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	53	19	34	375	294	81	294	409	-115
Motor Gasoline Blending Components	65,866	7,310	58,556	15,550	4,796	10,754	2,093	76,222	-74,129
Reformulated - RBOB	9,906	0	9,906	4,786	120	4,666	120	16,870	-16,750
Conventional	55,960	7,310	48,650	10,764	4,676	6,088	1,973	59,352	-57,379
CBOB	55,593	7,310	48,283	10,167	4,414	5,753	1,711	58,388	-56,677
GTAB	0	0	-	-	-	-	-	-	-
Other	367	0	367	597	262	335	262	964	-702
Renewable Fuels	9,842	0	9,842	0	21,014	-21,014	6,339	235	6,104
Fuel Ethanol	9,705	0	9,705	0	20,319	-20,319	5,941	142	5,799
Renewable Diesel Fuel <sup>2</sup>	137	0	137	0	694	-694	398	93	305
Other Renewable Fuels	-	-	-	-	-	-	0	0	-
Finished Motor Gasoline	2,447	118	2,329	2,122	625	1,497	193	3,807	-3,614
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	2,447	118	2,329	2,122	625	1,497	193	3,807	-3,614
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	2,447	118	2,329	2,122	625	1,497	193	3,807	-3,614
Finished Aviation Gasoline	0	0	-	33	0	33	0	33	-33
Kerosene-Type Jet Fuel	15,341	304	15,037	1,891	1,173	718	58	17,085	-17,027
Kerosene	121	0	121	0	0	-	0	121	-121
Distillate Fuel Oil	26,274	2,840	23,434	5,355	3,098	2,257	1,162	27,487	-26,325
15 ppm sulfur and under	25,385	2,840	22,545	5,125	3,042	2,083	1,162	26,424	-25,262
Greater than 15 ppm to 500 ppm sulfur	56	0	56	179	56	123	0	179	-179
Greater than 500 ppm sulfur	833	0	833	51	0	51	0	884	-884
Residual Fuel Oil	0	0	-	0	779	-779	779	0	779
Petrochemical Feedstocks	305	0	305	0	94	-94	94	305	-211
Naphtha for Petrochemical Feedstock Use	0	0	-	0	94	-94	94	0	94
Other Oils for Petrochemical Feedstock Use	305	0	305	0	0	0	0	305	-305
Special Naphthas	0	0	-	39	0	-39	0	39	-39
Lubricants	671	0	671	134	0	134	0	805	-805
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	693	50	643	151	1,060	-909	843	105	737
Asphalt and Road Oil	1,610	0	1,610	741	1,809	-1,068	644	1,138	-494
Miscellaneous Products	0	0	-	0	0	-	0	0	-
<b>Total</b>	<b>134,962</b>	<b>18,327</b>	<b>116,635</b>	<b>110,099</b>	<b>159,759</b>	<b>-49,660</b>	<b>114,846</b>	<b>169,986</b>	<b>-55,140</b>

See footnotes at end of table.

**Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail <sup>1</sup> Between PAD Districts, August 2019**  
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil .....	7,194	26,990	-19,796	5,138	0	5,138
<b>Petroleum Products .....</b>	<b>9,113</b>	<b>18,614</b>	<b>-9,501</b>	<b>12,374</b>	<b>50</b>	<b>12,324</b>
Natural Gas Liquids .....	5,082	14,393	-9,311	1,073	0	1,073
Ethane .....	730	3,187	-2,457	0	0	-
Propane .....	2,333	5,706	-3,373	467	0	467
Normal Butane .....	1,038	2,296	-1,258	384	0	384
Isobutane .....	383	1,088	-705	222	0	222
Natural Gasoline .....	598	2,116	-1,518	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	0	-
Motor Gasoline Blending Components .....	1,451	1,193	258	4,561	0	4,561
Reformulated - RBOB .....	-	-	-	2,178	0	2,178
Conventional .....	1,451	1,193	258	2,383	0	2,383
CBOB .....	1,451	1,193	258	2,383	0	2,383
GTAB .....	-	-	-	-	-	-
Other .....	0	0	-	0	0	-
Renewable Fuels .....	768	0	768	4,325	25	4,300
Fuel Ethanol .....	690	0	690	4,126	0	4,126
Renewable Diesel Fuel <sup>2</sup> .....	78	0	78	199	25	174
Other Renewable Fuels .....	-	-	-	0	0	-
Finished Motor Gasoline .....	222	804	-582	370	0	370
Reformulated .....	-	-	-	0	0	-
Reformulated Blended with Fuel Ethanol .....	-	-	-	0	0	-
Reformulated Other .....	-	-	-	-	-	-
Conventional .....	222	804	-582	370	0	370
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 .....	222	804	-582	370	0	370
Finished Aviation Gasoline .....	0	0	-	0	0	-
Kerosene-Type Jet Fuel .....	976	34	942	330	0	330
Kerosene .....	-	-	-	0	0	-
Distillate Fuel Oil .....	595	792	-197	831	0	831
15 ppm sulfur and under .....	595	792	-197	831	0	831
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	0	-
Waxes .....	0	0	-	0	0	-
Marketable Petroleum Coke .....	0	490	-490	44	25	19
Asphalt and Road Oil .....	19	908	-889	840	0	840
Miscellaneous Products .....	0	0	-	0	0	-
<b>Total .....</b>	<b>16,307</b>	<b>45,604</b>	<b>-29,297</b>	<b>17,512</b>	<b>50</b>	<b>17,462</b>

- = No Data Reported.

<sup>1</sup> 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.

<sup>2</sup> 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.



**Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail <sup>1</sup> Between PAD Districts, September 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
<b>Crude Oil</b>	<b>6,659</b>	<b>366</b>	<b>6,293</b>	<b>52,799</b>	<b>75,448</b>	<b>-22,649</b>	<b>60,629</b>	<b>29,837</b>	<b>30,792</b>
<b>Petroleum Products</b>	<b>115,496</b>	<b>16,531</b>	<b>98,965</b>	<b>46,711</b>	<b>72,236</b>	<b>-25,525</b>	<b>42,982</b>	<b>117,998</b>	<b>-75,016</b>
Natural Gas Liquids	7,876	6,731	1,145	24,883	41,154	-16,271	32,008	8,255	23,753
Ethane	0	4,829	-4,829	7,767	11,692	-3,925	11,701	714	10,987
Propane	6,017	1,005	5,012	6,614	16,597	-9,983	10,299	2,135	8,164
Normal Butane	1,719	149	1,570	2,456	7,894	-5,438	5,251	315	4,936
Isobutane	140	480	-340	1,515	2,003	-488	1,780	372	1,408
Natural Gasoline	0	268	-268	6,531	2,968	3,563	2,977	4,719	-1,742
Refinery Olefins	271	0	271	0	685	-685	414	0	414
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	271	0	271	0	685	-685	414	0	414
Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	0	9	-9	305	943	-638	943	296	647
Motor Gasoline Blending Components	56,646	6,602	50,044	12,810	4,374	8,436	1,556	64,691	-63,135
Reformulated - RBOB	6,804	0	6,804	2,901	171	2,730	171	11,706	-11,535
Conventional	49,842	6,602	43,240	9,909	4,203	5,706	1,385	52,985	-51,600
CBOB	49,690	6,574	43,116	9,433	3,898	5,535	1,080	52,385	-51,305
GTAB	0	0	-	-	-	-	-	-	-
Other	152	28	124	476	305	171	305	600	-295
Renewable Fuels	9,260	0	9,260	0	17,635	-17,635	5,006	559	4,447
Fuel Ethanol	9,113	0	9,113	0	17,023	-17,023	4,728	250	4,478
Renewable Diesel Fuel <sup>2</sup>	148	0	148	0	612	-612	278	309	-31
Other Renewable Fuels	-	-	-	-	-	-	0	0	-
Finished Motor Gasoline	3,001	70	2,931	1,259	764	495	241	3,692	-3,451
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	3,001	70	2,931	1,259	764	495	241	3,692	-3,451
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	3,001	70	2,931	1,259	764	495	241	3,692	-3,451
Finished Aviation Gasoline	98	0	98	10	0	10	0	108	-108
Kerosene-Type Jet Fuel	14,105	299	13,806	1,824	1,025	799	0	15,742	-15,742
Kerosene	198	0	198	0	0	-	0	198	-198
Distillate Fuel Oil	21,541	2,654	18,887	5,124	2,740	2,384	1,092	23,255	-22,163
15 ppm sulfur and under	20,923	2,654	18,269	5,015	2,740	2,275	1,092	22,528	-21,436
Greater than 15 ppm to 500 ppm sulfur	0	0	-	109	0	109	0	109	-109
Greater than 500 ppm sulfur	618	0	618	0	0	-	0	618	-618
Residual Fuel Oil	0	121	-121	0	516	-516	637	0	637
Petrochemical Feedstocks	0	0	-	0	91	-91	91	0	91
Naphtha for Petrochemical Feedstock Use	0	0	-	0	91	-91	91	0	91
Other Oils for Petrochemical Feedstock Use	-	-	-	0	0	-	0	0	-
Special Naphthas	0	0	-	0	0	-	0	0	-
Lubricants	361	0	361	146	0	146	88	507	-419
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	743	25	718	26	901	-875	445	26	419
Asphalt and Road Oil	1,396	20	1,376	324	1,408	-1,084	461	669	-208
Miscellaneous Products	0	0	-	0	0	-	0	0	-
<b>Total</b>	<b>122,154</b>	<b>16,897</b>	<b>105,258</b>	<b>99,510</b>	<b>147,685</b>	<b>-48,175</b>	<b>103,610</b>	<b>147,835</b>	<b>-44,224</b>

See footnotes at end of table.

**Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail <sup>1</sup> Between PAD Districts, September 2019**  
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil .....	6,922	26,263	-19,341	4,906	0	4,906
<b>Petroleum Products .....</b>	<b>8,627</b>	<b>18,011</b>	<b>-9,384</b>	<b>11,174</b>	<b>213</b>	<b>10,960</b>
Natural Gas Liquids .....	4,969	14,412	-9,443	816	0	816
Ethane .....	630	2,863	-2,233	0	0	-
Propane .....	2,338	5,827	-3,489	296	0	296
Normal Butane .....	1,034	2,462	-1,428	360	0	360
Isobutane .....	378	1,118	-740	160	0	160
Natural Gasoline .....	589	2,142	-1,553	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	0	-
Motor Gasoline Blending Components .....	1,458	1,208	250	4,405	0	4,405
Reformulated - RBOB .....	-	-	-	2,001	0	2,001
Conventional .....	1,458	1,208	250	2,404	0	2,404
CBOB .....	1,458	1,208	250	2,404	0	2,404
GTAB .....	-	-	-	-	-	-
Other .....	0	0	-	0	0	-
Renewable Fuels .....	431	0	431	3,497	0	3,497
Fuel Ethanol .....	378	0	378	3,054	0	3,054
Renewable Diesel Fuel <sup>2</sup> .....	53	0	53	443	0	443
Other Renewable Fuels .....	-	-	-	0	0	-
Finished Motor Gasoline .....	243	594	-351	376	0	376
Reformulated .....	-	-	-	0	0	-
Reformulated Blended with Fuel Ethanol .....	-	-	-	0	0	-
Reformulated Other .....	-	-	-	-	-	-
Conventional .....	243	594	-351	376	0	376
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 .....	243	594	-351	376	0	376
Finished Aviation Gasoline .....	0	0	-	0	0	-
Kerosene-Type Jet Fuel .....	908	28	880	257	0	257
Kerosene .....	0	0	-	0	0	-
Distillate Fuel Oil .....	518	771	-253	1,145	0	1,145
15 ppm sulfur and under .....	518	771	-253	1,145	0	1,145
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	88	-88
Waxes .....	0	0	-	0	0	-
Marketable Petroleum Coke .....	100	317	-217	81	125	-44
Asphalt and Road Oil .....	0	681	-681	597	0	597
Miscellaneous Products .....	0	0	-	0	0	-
<b>Total .....</b>	<b>15,549</b>	<b>44,274</b>	<b>-28,725</b>	<b>16,080</b>	<b>213</b>	<b>15,867</b>

- = No Data Reported.

<sup>1</sup> 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.

<sup>2</sup> 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.

**Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail <sup>1</sup> Between PAD Districts, October 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
<b>Crude Oil</b>	<b>7,111</b>	<b>430</b>	<b>6,681</b>	<b>52,251</b>	<b>78,818</b>	<b>-26,567</b>	<b>62,578</b>	<b>27,517</b>	<b>35,061</b>
<b>Petroleum Products</b>	<b>121,553</b>	<b>16,742</b>	<b>104,811</b>	<b>47,713</b>	<b>76,586</b>	<b>-28,873</b>	<b>45,589</b>	<b>124,098</b>	<b>-78,510</b>
Natural Gas Liquids	8,409	6,977	1,432	26,605	42,739	-16,134	33,356	9,589	23,767
Ethane	0	4,978	-4,978	8,048	13,346	-5,298	13,854	731	13,123
Propane	6,613	1,080	5,533	6,915	17,510	-10,595	10,575	2,428	8,147
Normal Butane	1,676	186	1,490	2,626	6,872	-4,246	4,250	467	3,783
Isobutane	120	448	-328	2,091	2,028	63	1,690	879	811
Natural Gasoline	0	285	-285	6,925	2,983	3,942	2,987	5,084	-2,097
Refinery Olefins	77	0	77	0	368	-368	291	0	291
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	77	0	77	0	368	-368	291	0	291
Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	0	0	-	141	1,295	-1,154	1,295	141	1,154
Motor Gasoline Blending Components	58,338	6,377	51,961	11,604	4,435	7,169	1,655	65,835	-64,180
Reformulated - RBOB	8,602	0	8,602	1,460	115	1,345	115	12,316	-12,201
Conventional	49,736	6,377	43,359	10,144	4,320	5,824	1,540	53,519	-51,979
CBOB	49,736	6,377	43,359	9,608	4,161	5,447	1,381	52,983	-51,602
GTAB	0	0	-	-	-	-	-	-	-
Other	0	0	-	536	159	377	159	536	-377
Renewable Fuels	9,291	0	9,291	0	19,454	-19,454	5,716	724	4,992
Fuel Ethanol	9,135	0	9,135	0	18,925	-18,925	5,555	525	5,030
Renewable Diesel Fuel <sup>2</sup>	157	0	157	0	529	-529	161	199	-38
Other Renewable Fuels	-	-	-	-	-	-	0	0	-
Finished Motor Gasoline	3,073	105	2,968	1,320	1,070	250	287	3,304	-3,017
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	3,073	105	2,968	1,320	1,070	250	287	3,304	-3,017
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	3,073	105	2,968	1,320	1,070	250	287	3,304	-3,017
Finished Aviation Gasoline	117	0	117	20	0	20	0	137	-137
Kerosene-Type Jet Fuel	16,142	276	15,866	1,892	815	1,077	50	17,894	-17,844
Kerosene	117	0	117	0	0	-	0	117	-117
Distillate Fuel Oil	23,197	2,982	20,215	5,355	3,074	2,281	1,070	24,751	-23,681
15 ppm sulfur and under	22,151	2,982	19,169	5,275	3,074	2,201	1,070	23,625	-22,555
Greater than 15 ppm to 500 ppm sulfur	4	0	4	80	0	80	0	84	-84
Greater than 500 ppm sulfur	1,042	0	1,042	0	0	-	0	1,042	-1,042
Residual Fuel Oil	0	0	-	0	458	-458	458	0	458
Petrochemical Feedstocks	0	0	-	0	97	-97	97	0	97
Naphtha for Petrochemical Feedstock Use	0	0	-	0	97	-97	97	0	97
Other Oils for Petrochemical Feedstock Use	-	-	-	0	0	-	0	0	-
Special Naphthas	0	0	-	13	0	13	0	13	-13
Lubricants	456	0	456	195	10	185	0	641	-641
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	756	25	731	135	1,474	-1,339	1,106	55	1,051
Asphalt and Road Oil	1,580	0	1,580	427	1,297	-870	207	891	-684
Miscellaneous Products	0	0	-	6	0	6	0	6	-6
<b>Total</b>	<b>128,664</b>	<b>17,172</b>	<b>111,492</b>	<b>99,964</b>	<b>155,404</b>	<b>-55,440</b>	<b>108,167</b>	<b>151,615</b>	<b>-43,449</b>

See footnotes at end of table.

**Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail <sup>1</sup> Between PAD Districts, October 2019**  
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil .....	7,126	28,272	-21,146	5,972	0	5,972
<b>Petroleum Products .....</b>	<b>8,926</b>	<b>19,220</b>	<b>-10,294</b>	<b>12,941</b>	<b>75</b>	<b>12,866</b>
Natural Gas Liquids .....	5,306	15,492	-10,186	1,121	0	1,121
Ethane .....	751	3,598	-2,847	0	0	-
Propane .....	2,502	6,120	-3,618	533	0	533
Normal Butane .....	1,075	2,469	-1,394	367	0	367
Isobutane .....	392	1,159	-767	221	0	221
Natural Gasoline .....	586	2,146	-1,560	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	0	-
Motor Gasoline Blending Components .....	1,547	1,303	244	4,806	0	4,806
Reformulated - RBOB .....	-	-	-	2,254	0	2,254
Conventional .....	1,547	1,303	244	2,552	0	2,552
CBOB .....	1,547	1,303	244	2,552	0	2,552
GTAB .....	-	-	-	-	-	-
Other .....	0	0	-	0	0	-
Renewable Fuels .....	371	0	371	4,824	25	4,799
Fuel Ethanol .....	346	0	346	4,414	0	4,414
Renewable Diesel Fuel <sup>2</sup> .....	25	0	25	410	25	385
Other Renewable Fuels .....	-	-	-	0	0	-
Finished Motor Gasoline .....	201	735	-534	333	0	333
Reformulated .....	-	-	-	0	0	-
Reformulated Blended with Fuel Ethanol .....	-	-	-	0	0	-
Reformulated Other .....	-	-	-	-	-	-
Conventional .....	201	735	-534	333	0	333
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 .....	201	735	-534	333	0	333
Finished Aviation Gasoline .....	0	0	-	0	0	-
Kerosene-Type Jet Fuel .....	687	43	644	257	0	257
Kerosene .....	0	0	-	0	0	-
Distillate Fuel Oil .....	789	579	210	975	0	975
15 ppm sulfur and under .....	789	579	210	975	0	975
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	0	-
Waxes .....	0	0	-	0	0	-
Marketable Petroleum Coke .....	25	554	-529	136	50	86
Asphalt and Road Oil .....	0	514	-514	489	0	489
Miscellaneous Products .....	0	0	-	0	0	-
<b>Total .....</b>	<b>16,052</b>	<b>47,493</b>	<b>-31,440</b>	<b>18,913</b>	<b>75</b>	<b>18,838</b>

- = No Data Reported.

<sup>1</sup> 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.

<sup>2</sup> 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.

**Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail <sup>1</sup> Between PAD Districts, November 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
<b>Crude Oil</b> .....	<b>9,041</b>	<b>523</b>	<b>8,518</b>	<b>47,305</b>	<b>78,361</b>	<b>-31,056</b>	<b>62,147</b>	<b>24,693</b>	<b>37,454</b>
<b>Petroleum Products</b> .....	<b>130,574</b>	<b>15,640</b>	<b>114,934</b>	<b>47,499</b>	<b>70,088</b>	<b>-22,590</b>	<b>40,317</b>	<b>134,200</b>	<b>-93,883</b>
Natural Gas Liquids .....	8,149	6,652	1,497	26,816	37,156	-10,340	28,444	10,816	17,628
Ethane .....	0	4,670	-4,670	7,590	11,054	-3,464	11,710	675	11,035
Propane .....	6,435	1,131	5,304	7,753	15,171	-7,418	8,916	3,784	5,132
Normal Butane .....	1,588	192	1,396	2,650	5,948	-3,298	3,245	495	2,750
Isobutane .....	126	378	-252	1,995	2,089	-94	1,704	835	869
Natural Gasoline .....	0	281	-281	6,828	2,894	3,934	2,869	5,027	-2,158
Refinery Olefins .....	79	0	79	0	395	-395	316	0	316
Ethylene .....	0	0	-	-	-	-	0	0	-
Propylene .....	79	0	79	0	395	-395	316	0	316
Butylene .....	0	0	-	0	0	-	0	0	-
Isobutylene .....	0	0	-	0	0	-	0	0	-
Unfinished Oils .....	0	46	-46	153	505	-352	505	107	398
Motor Gasoline Blending Components .....	58,214	6,043	52,171	10,829	4,843	5,986	2,214	65,320	-63,106
Reformulated - RBOB .....	9,603	0	9,603	2,044	363	1,681	363	13,817	-13,454
Conventional .....	48,611	6,043	42,568	8,785	4,480	4,305	1,851	51,503	-49,652
CBOB .....	48,611	6,043	42,568	8,636	3,990	4,646	1,361	51,354	-49,993
GTAB .....	0	0	-	-	-	-	-	-	-
Other .....	0	0	-	149	490	-341	490	149	341
Renewable Fuels .....	9,415	0	9,415	0	19,348	-19,348	6,410	355	6,055
Fuel Ethanol .....	9,278	0	9,278	0	18,674	-18,674	6,134	182	5,952
Renewable Diesel Fuel <sup>2</sup> .....	137	0	137	0	674	-674	276	173	103
Other Renewable Fuels .....	-	-	-	-	-	-	0	0	-
Finished Motor Gasoline .....	4,714	47	4,667	935	1,126	-191	204	4,500	-4,296
Reformulated .....	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol .....	0	0	-	0	0	-	0	0	-
Reformulated Other .....	-	-	-	-	-	-	-	-	-
Conventional .....	4,714	47	4,667	935	1,126	-191	204	4,500	-4,296
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 .....	4,714	47	4,667	935	1,126	-191	204	4,500	-4,296
Finished Aviation Gasoline .....	45	0	45	30	0	30	0	75	-75
Kerosene-Type Jet Fuel .....	15,605	367	15,238	2,770	1,069	1,701	0	18,191	-18,191
Kerosene .....	464	0	464	0	0	-	0	464	-464
Distillate Fuel Oil .....	31,453	2,442	29,011	5,094	2,359	2,735	702	33,107	-32,405
15 ppm sulfur and under .....	29,894	2,442	27,452	4,934	2,316	2,618	702	31,431	-30,729
Greater than 15 ppm to 500 ppm sulfur .....	187	0	187	160	43	117	0	304	-304
Greater than 500 ppm sulfur .....	1,372	0	1,372	0	0	-	0	1,372	-1,372
Residual Fuel Oil .....	0	0	-	0	606	-606	606	0	606
Petrochemical Feedstocks .....	0	0	-	47	48	-1	48	47	1
Naphtha for Petrochemical Feedstock Use .....	0	0	-	47	48	-1	48	47	1
Other Oils for Petrochemical Feedstock Use .....	-	-	-	0	0	-	0	0	-
Special Naphthas .....	0	0	-	19	0	19	0	19	-19
Lubricants .....	301	0	301	146	0	146	0	447	-447
Waxes .....	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke .....	983	25	957	189	1,171	-982	279	26	253
Asphalt and Road Oil .....	1,119	18	1,101	470	1,428	-958	589	726	-137
Miscellaneous Products .....	34	0	34	0	34	-34	0	0	-
<b>Total</b> .....	<b>139,615</b>	<b>16,163</b>	<b>123,452</b>	<b>94,804</b>	<b>148,449</b>	<b>-53,646</b>	<b>102,465</b>	<b>158,893</b>	<b>-56,428</b>

See footnotes at end of table.

**Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail <sup>1</sup> Between PAD Districts, November 2019**  
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil .....	6,443	26,596	-20,153	5,236	0	5,236
<b>Petroleum Products .....</b>	<b>8,910</b>	<b>18,787</b>	<b>-9,876</b>	<b>11,490</b>	<b>75</b>	<b>11,415</b>
Natural Gas Liquids .....	5,172	15,188	-10,016	1,231	0	1,231
Ethane .....	631	3,532	-2,901	0	0	-
Propane .....	2,477	5,878	-3,401	383	0	383
Normal Butane .....	1,079	2,529	-1,450	602	0	602
Isobutane .....	392	1,161	-769	246	0	246
Natural Gasoline .....	593	2,088	-1,495	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	0	-
Motor Gasoline Blending Components .....	1,404	1,293	111	4,838	0	4,838
Reformulated - RBOB .....	-	-	-	2,170	0	2,170
Conventional .....	1,404	1,293	111	2,668	0	2,668
CBOB .....	1,404	1,293	111	2,668	0	2,668
GTAB .....	-	-	-	-	-	-
Other .....	0	0	-	0	0	-
Renewable Fuels .....	506	28	478	3,400	0	3,400
Fuel Ethanol .....	453	28	425	3,019	0	3,019
Renewable Diesel Fuel <sup>2</sup> .....	53	0	53	381	0	381
Other Renewable Fuels .....	-	-	-	0	0	-
Finished Motor Gasoline .....	179	723	-544	364	0	364
Reformulated .....	-	-	-	0	0	-
Reformulated Blended with Fuel Ethanol .....	-	-	-	0	0	-
Reformulated Other .....	-	-	-	-	-	-
Conventional .....	179	723	-544	364	0	364
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 .....	179	723	-544	364	0	364
Finished Aviation Gasoline .....	0	0	-	0	0	-
Kerosene-Type Jet Fuel .....	1,028	18	1,010	242	0	242
Kerosene .....	0	0	-	0	0	-
Distillate Fuel Oil .....	578	548	30	629	0	629
15 ppm sulfur and under .....	578	548	30	629	0	629
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	0	-
Waxes .....	0	0	-	0	0	-
Marketable Petroleum Coke .....	26	301	-275	121	75	46
Asphalt and Road Oil .....	18	688	-671	665	0	665
Miscellaneous Products .....	0	0	-	0	0	-
<b>Total .....</b>	<b>15,353</b>	<b>45,383</b>	<b>-30,029</b>	<b>16,726</b>	<b>75</b>	<b>16,651</b>

- = No Data Reported.

<sup>1</sup> 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.

<sup>2</sup> 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.

**Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail <sup>1</sup> Between PAD Districts, December 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
<b>Crude Oil</b>	<b>6,484</b>	<b>375</b>	<b>6,109</b>	<b>48,477</b>	<b>79,918</b>	<b>-31,441</b>	<b>65,041</b>	<b>22,715</b>	<b>42,326</b>
<b>Petroleum Products</b>	<b>135,132</b>	<b>16,176</b>	<b>118,957</b>	<b>50,671</b>	<b>74,636</b>	<b>-23,964</b>	<b>41,008</b>	<b>139,239</b>	<b>-98,231</b>
Natural Gas Liquids	9,798	6,800	2,998	30,278	38,879	-8,601	28,141	14,223	13,918
Ethane	0	4,867	-4,867	8,090	11,649	-3,559	12,014	794	11,220
Propane	7,663	1,000	6,663	8,606	15,724	-7,118	8,782	5,149	3,633
Normal Butane	1,819	249	1,570	2,900	6,328	-3,428	2,855	698	2,157
Isobutane	316	403	-87	2,089	2,087	2	1,484	877	607
Natural Gasoline	0	281	-281	8,593	3,091	5,502	3,006	6,705	-3,699
Refinery Olefins	235	0	235	0	483	-483	248	0	248
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	235	0	235	0	483	-483	248	0	248
Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	0	44	-44	347	365	-18	526	303	223
Motor Gasoline Blending Components	60,005	6,309	53,696	11,024	4,651	6,373	2,263	67,030	-64,767
Reformulated - RBOB	9,717	0	9,717	1,393	381	1,012	381	13,289	-12,908
Conventional	50,288	6,309	43,979	9,631	4,270	5,361	1,882	53,741	-51,859
CBOB	50,288	6,309	43,979	9,427	3,770	5,657	1,382	53,537	-52,155
GTAB	0	0	-	-	-	-	-	-	-
Other	0	0	-	204	500	-296	500	204	296
Renewable Fuels	10,418	0	10,418	0	21,786	-21,786	6,579	688	5,891
Fuel Ethanol	10,177	0	10,177	0	20,906	-20,906	6,256	459	5,797
Renewable Diesel Fuel <sup>2</sup>	241	0	241	0	880	-880	324	229	95
Other Renewable Fuels	-	-	-	-	-	-	0	0	-
Finished Motor Gasoline	4,568	84	4,484	917	1,825	-908	530	3,867	-3,337
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	4,568	84	4,484	917	1,825	-908	530	3,867	-3,337
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	4,568	84	4,484	917	1,825	-908	530	3,867	-3,337
Finished Aviation Gasoline	94	0	94	10	0	10	0	104	-104
Kerosene-Type Jet Fuel	16,849	318	16,531	2,095	966	1,129	20	18,753	-18,733
Kerosene	274	14	260	14	0	14	0	274	-274
Distillate Fuel Oil	30,715	2,583	28,132	5,313	2,538	2,775	807	32,385	-31,578
15 ppm sulfur and under	28,916	2,583	26,333	5,104	2,502	2,602	807	30,413	-29,606
Greater than 15 ppm to 500 ppm sulfur	39	0	39	166	36	130	0	169	-169
Greater than 500 ppm sulfur	1,760	0	1,760	43	0	43	0	1,803	-1,803
Residual Fuel Oil	0	0	-	0	728	-728	728	0	728
Petrochemical Feedstocks	0	0	-	0	192	-192	192	0	192
Naphtha for Petrochemical Feedstock Use	0	0	-	0	146	-146	146	0	146
Other Oils for Petrochemical Feedstock Use	-	-	-	0	46	-46	46	0	46
Special Naphthas	0	0	-	23	0	23	0	23	-23
Lubricants	400	0	400	122	0	122	0	522	-522
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	629	0	629	18	1,176	-1,158	598	53	545
Asphalt and Road Oil	1,112	24	1,088	498	1,010	-512	376	1,002	-626
Miscellaneous Products	36	0	36	12	36	-24	0	12	-12
<b>Total</b>	<b>141,616</b>	<b>16,551</b>	<b>125,065</b>	<b>99,148</b>	<b>154,554</b>	<b>-55,406</b>	<b>106,049</b>	<b>161,954</b>	<b>-55,905</b>

See footnotes at end of table.

**Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail <sup>1</sup> Between PAD Districts, December 2019**  
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil .....	6,768	28,770	-22,002	5,009	0	5,009
<b>Petroleum Products .....</b>	<b>9,024</b>	<b>19,949</b>	<b>-10,925</b>	<b>14,370</b>	<b>206</b>	<b>14,163</b>
Natural Gas Liquids .....	5,629	15,906	-10,277	1,962	0	1,962
Ethane .....	855	3,649	-2,794	0	0	-
Propane .....	2,611	6,227	-3,616	438	0	438
Normal Butane .....	1,121	2,661	-1,540	1,241	0	1,241
Isobutane .....	405	1,210	-805	283	0	283
Natural Gasoline .....	637	2,159	-1,522	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 .....	1,295	1,507	-212	4,910	0	4,910
Reformulated - RBOB .....	-	-	-	2,179	0	2,179
Conventional .....	1,295	1,507	-212	2,731	0	2,731
CBOB .....	1,295	1,507	-212	2,731	0	2,731
GTAB .....	-	-	-	-	-	-
Other .....	0	0	-	0	0	-
Renewable Fuels .....	411	28	383	5,093	0	5,093
Fuel Ethanol .....	376	28	348	4,585	0	4,585
Renewable Diesel Fuel <sup>2</sup> .....	35	0	35	509	0	509
Other Renewable Fuels .....	-	-	-	0	0	-
Finished Motor Gasoline .....	193	804	-611	372	0	372
Reformulated .....	-	-	-	0	0	-
Reformulated Blended with Fuel Ethanol .....	-	-	-	0	0	-
Reformulated Other .....	-	-	-	-	-	-
Conventional .....	193	804	-611	372	0	372
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 .....	193	804	-611	372	0	372
Finished Aviation Gasoline .....	0	0	-	0	0	-
Kerosene-Type Jet Fuel .....	905	36	869	204	0	204
Kerosene .....	0	0	-	0	0	-
Distillate Fuel Oil .....	547	924	-377	1,048	0	1,048
15 ppm sulfur and under .....	547	924	-377	1,048	0	1,048
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	0	-
Waxes .....	0	0	-	0	0	-
Marketable Petroleum Coke .....	24	107	-83	93	25	68
Asphalt and Road Oil .....	20	637	-617	687	20	667
Miscellaneous Products .....	0	0	-	0	0	-
<b>Total .....</b>	<b>15,792</b>	<b>48,719</b>	<b>-32,927</b>	<b>19,379</b>	<b>206</b>	<b>19,173</b>

- = No Data Reported.

<sup>1</sup> 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.

<sup>2</sup> 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.