

**Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail <sup>1</sup> Between PAD Districts, October 2021**  
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
<b>Crude Oil</b> .....	<b>245</b>	<b>17</b>	<b>0</b>	<b>837</b>	<b>50,312</b>	<b>6,828</b>	<b>1,861</b>	<b>1,346</b>	<b>15,528</b>
<b>Petroleum Products</b> .....	<b>17,086</b>	<b>82</b>	<b>5</b>	<b>21,159</b>	<b>45,152</b>	<b>13,808</b>	<b>5,149</b>	<b>97,745</b>	<b>19,106</b>
Natural Gas Liquids .....	7,245	63	0	6,618	32,988	9,428	991	1,469	9,629
Ethane .....	5,082	0	—	0	15,380	2,613	—	0	1,065
Propane .....	1,187	23	0	4,840	10,278	3,577	261	1,407	1,817
Normal Butane .....	206	4	0	1,701	2,894	1,481	607	57	924
Isobutane .....	435	36	0	77	1,278	536	123	5	969
Natural Gasoline .....	335	0	—	0	3,158	1,221	—	0	4,854
Refinery Olefins .....	0	0	—	200	953	—	—	0	0
Ethylene .....	—	—	—	—	—	—	—	—	—
Propylene .....	0	0	—	200	953	—	—	0	0
Normal Butylene .....	—	—	—	—	—	—	—	—	—
Isobutylene .....	—	—	—	—	—	—	—	—	—
Unfinished Oils .....	100	0	—	0	907	—	—	28	22
Motor Gasoline Blending Components .....	6,369	0	0	1,303	1,659	2,113	0	55,201	3,269
Reformulated - RBOB .....	0	0	0	0	268	—	0	7,674	1,002
Conventional .....	6,369	0	0	1,303	1,391	2,113	0	47,527	2,267
CBOB .....	6,369	0	0	1,303	1,289	2,113	0	46,769	2,197
GTAB .....	—	—	—	—	—	—	—	—	—
Other .....	0	0	—	0	102	—	—	758	70
Renewable Fuels .....	3	0	5	9,985	5,634	519	3,964	343	0
Fuel Ethanol .....	0	0	0	9,857	5,319	504	3,680	343	0
Renewable Diesel Fuel <sup>2</sup> .....	3	0	5	128	315	15	284	0	0
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline .....	111	0	0	874	510	119	0	2,496	518
Reformulated .....	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Reformulated Other .....	—	—	—	—	—	—	—	—	—
Conventional .....	111	0	0	874	510	119	0	2,496	518
Conventional Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Ed55 and Lower .....	—	—	—	—	—	—	—	—	—
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—
Conventional Other .....	111	0	0	874	510	119	0	2,496	518
Finished Aviation Gasoline .....	0	0	—	0	0	—	—	20	33
Kerosene-Type Jet Fuel .....	364	0	0	81	0	751	0	11,800	1,642
Kerosene .....	—	0	—	0	0	—	—	433	—
Distillate Fuel Oil .....	2,882	0	0	1,075	828	847	0	25,037	3,700
15 ppm sulfur and under .....	2,882	0	0	1,075	828	847	0	24,100	3,564
Greater than 15 ppm to 500 ppm sulfur .....	0	0	—	0	0	—	—	1	136
Greater than 500 ppm sulfur .....	—	0	—	0	0	—	—	936	—
Residual Fuel Oil .....	0	0	—	0	624	—	—	45	0
Petrochemical Feedstocks .....	0	0	—	—	45	—	—	—	0
Naphtha for Petrochemical Feedstock Use .....	0	0	—	—	45	—	—	—	0
Other Oils for Petrochemical Feedstock Use .....	—	—	—	—	—	—	—	—	—
Special Naphthas .....	0	0	—	—	0	—	—	—	20
Lubricants .....	0	0	0	0	0	—	0	480	149
Waxes .....	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke .....	0	19	0	298	700	0	7	54	6
Asphalt and Road Oil .....	13	0	0	726	304	31	188	339	118
Miscellaneous Products .....	—	—	—	—	—	—	—	—	—
<b>Total</b> .....	<b>17,331</b>	<b>99</b>	<b>5</b>	<b>21,996</b>	<b>95,464</b>	<b>20,636</b>	<b>7,011</b>	<b>99,091</b>	<b>34,634</b>

See footnotes at end of table.

**Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail <sup>1</sup> Between PAD Districts, October 2021**  
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to		
	4	5	1	2	3	5	1	3	4
<b>Crude Oil</b> .....	<b>0</b>	<b>38</b>	<b>0</b>	<b>24,832</b>	<b>752</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Petroleum Products</b> .....	<b>11</b>	<b>4,724</b>	<b>0</b>	<b>21,008</b>	<b>6,896</b>	<b>2,179</b>	<b>3</b>	<b>148</b>	<b>19</b>
Natural Gas Liquids .....	0	51	0	19,553	6,809	149	0	0	0
Ethane .....	0	—	0	5,727	2,203	—	0	0	0
Propane .....	0	0	0	7,164	2,276	53	0	0	0
Normal Butane .....	0	12	0	2,930	943	75	0	0	0
Isobutane .....	0	39	0	1,172	513	21	0	0	0
Natural Gasoline .....	0	—	0	2,560	874	—	0	0	0
Refinery Olefins .....	—	—	0	0	0	—	0	0	—
Ethylene .....	—	—	—	—	—	—	—	—	—
Propylene .....	—	—	0	0	0	—	0	0	—
Normal Butylene .....	—	—	—	—	—	—	—	—	—
Isobutylene .....	—	—	—	—	—	—	—	—	—
Unfinished Oils .....	—	—	0	0	0	—	0	0	—
Motor Gasoline Blending Components .....	0	3,172	0	225	0	1,245	0	0	0
Reformulated - RBOB .....	—	1,778	0	0	0	0	0	0	—
Conventional .....	0	1,394	0	225	0	1,245	0	0	0
CBOB .....	0	1,394	0	225	0	1,245	0	0	0
GTAB .....	—	—	—	—	—	—	—	—	—
Other .....	—	—	0	0	0	—	0	0	—
Renewable Fuels .....	0	111	0	0	0	23	0	0	6
Fuel Ethanol .....	0	27	0	0	0	23	0	0	0
Renewable Diesel Fuel <sup>2</sup> .....	0	84	0	0	0	0	0	0	6
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline .....	0	0	0	345	0	117	0	0	0
Reformulated .....	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Reformulated Other .....	—	—	—	—	—	—	—	—	—
Conventional .....	0	0	0	345	0	117	0	0	0
Conventional Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Ed55 and Lower .....	—	—	—	—	—	—	—	—	—
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—
Conventional Other .....	0	0	0	345	0	117	0	0	0
Finished Aviation Gasoline .....	—	—	0	0	0	—	0	0	—
Kerosene-Type Jet Fuel .....	0	239	0	36	0	20	0	0	0
Kerosene .....	—	—	0	—	0	—	0	0	—
Distillate Fuel Oil .....	0	1,061	0	352	0	195	0	0	0
15 ppm sulfur and under .....	0	1,061	0	352	0	195	0	0	0
Greater than 15 ppm to 500 ppm sulfur .....	—	—	0	0	0	—	0	0	—
Greater than 500 ppm sulfur .....	—	—	0	0	0	—	0	0	—
Residual Fuel Oil .....	—	—	0	0	0	—	0	0	—
Petrochemical Feedstocks .....	—	—	—	0	0	—	—	0	—
Naphtha for Petrochemical Feedstock Use .....	—	—	—	0	0	—	—	0	—
Other Oils for Petrochemical Feedstock Use .....	—	—	—	—	—	—	—	—	—
Special Naphthas .....	—	—	—	0	0	—	—	0	—
Lubricants .....	—	0	0	0	0	0	0	90	—
Waxes .....	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke .....	11	0	0	345	50	136	3	58	13
Asphalt and Road Oil .....	0	90	0	153	38	294	0	0	0
Miscellaneous Products .....	—	—	—	—	—	—	—	—	—
<b>Total</b> .....	<b>11</b>	<b>4,761</b>	<b>0</b>	<b>45,840</b>	<b>7,648</b>	<b>2,179</b>	<b>3</b>	<b>148</b>	<b>19</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.