

**Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, 2016**  
(Thousand Barrels)

Commodity	Supply					Disposition					Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments <sup>1</sup>	Stock Change <sup>2</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>3</sup>		
<b>Crude Oil<sup>4</sup></b>	<b>3,240,159</b>	--	--	<b>2,873,208</b>	<b>62,667</b>	<b>35,365</b>	<b>5,924,395</b>	<b>216,274</b>	<b>0</b>	<b>1,179,704</b>	
<b>Hydrocarbon Gas Liquids</b>	<b>1,284,357</b>	<b>-7,910</b>	<b>231,136</b>	<b>66,025</b>	--	<b>5,704</b>	<b>196,281</b>	<b>443,388</b>	<b>928,235</b>	<b>200,195</b>	
Natural Gas Liquids	1,284,357	-7,910	128,452	56,714	--	1,892	196,281	443,388	820,052	190,771	
Ethane	465,818	--	1,216	43	--	18,925	--	34,750	413,402	50,691	
Propane	426,827	--	112,289	43,945	--	-14,332	--	292,499	304,894	77,047	
Normal Butane	107,339	--	17,394	4,081	--	-6,703	64,717	40,226	30,574	29,882	
Isobutane	125,649	--	-2,447	3,615	--	-527	78,310	2,129	46,905	8,106	
Natural Gasoline	158,724	-7,910	--	5,030	--	4,529	53,254	73,784	24,277	25,045	
Refinery Olefins	--	--	102,684	9,311	--	3,812	--	--	108,183	9,424	
Ethylene	--	--	265	--	--	0	--	--	265	0	
Propylene	--	--	102,652	8,130	--	2,163	--	--	108,619	7,031	
Butylene	--	--	-435	1,181	--	1,625	--	--	-879	2,369	
Isobutylene	--	--	202	--	--	24	--	--	178	24	
<b>Other Liquids</b>	--	<b>430,875</b>	--	<b>486,281</b>	<b>84,000</b>	<b>2,660</b>	<b>819,058</b>	<b>178,024</b>	<b>1,415</b>	<b>319,545</b>	
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	430,925	--	27,231	38,463	1,862	438,972	55,785	0	29,008	
Hydrogen	--	--	--	--	79,265	--	79,265	--	0	--	
Oxygenates (excluding Fuel Ethanol)	--	26,617	--	3,981	-3,163	550	1,062	25,823	0	1,477	
Renewable Fuels (including Fuel Ethanol)	--	404,308	--	23,045	-37,867	1,337	358,187	29,962	0	27,514	
Fuel Ethanol <sup>5</sup>	--	366,981	--	862	-7,050	-1,838	334,767	27,864	0	19,758	
Renewable Fuels Except Fuel Ethanol	--	37,327	--	22,183	-30,817	3,175	23,420	2,098	0	7,756	
Other Hydrocarbons	--	--	--	205	228	-25	458	--	0	17	
Unfinished Oils	--	--	--	221,649	--	-2,537	147,371	75,342	1,473	80,324	
Motor Gasoline Blend.Comp. (MGBC) <sup>5</sup>	--	-50	--	237,401	45,537	3,334	232,658	46,896	0	210,204	
Reformulated	--	-2	--	69,842	67,499	1,286	136,004	49	0	52,148	
Conventional	--	-48	--	167,559	-21,962	2,048	96,654	46,847	0	158,056	
Aviation Gasoline Blend. Comp.	--	--	--	--	--	1	57	--	-58	9	
<b>Finished Petroleum Products</b>	--	<b>1,040</b>	<b>7,117,775</b>	<b>254,713</b>	<b>-6,146</b>	<b>3,821</b>	--	<b>1,087,683</b>	<b>6,275,878</b>	<b>330,128</b>	
Finished Motor Gasoline	--	1,040	3,658,204	21,644	-38,487	-212	--	232,562	3,410,051	28,383	
Reformulated	--	--	1,186,714	--	-64,623	17	--	--	1,122,074	47	
Conventional	--	1,040	2,471,490	21,644	26,136	-229	--	232,562	2,287,977	28,336	
Finished Aviation Gasoline	--	--	4,059	111	--	116	--	--	4,054	994	
Kerosene-Type Jet Fuel	--	--	603,899	53,677	--	2,620	--	64,149	590,807	43,010	
Kerosene	--	--	5,167	855	--	-446	--	3,295	3,173	2,128	
Distillate Fuel Oil <sup>5</sup>	--	--	1,769,335	53,642	32,341	4,769	--	431,475	1,419,074	166,095	
15 ppm sulfur and under	--	--	1,653,637	36,527	32,341	6,763	--	364,507	1,351,235	144,272	
Greater than 15 ppm to 500 ppm sulfur	--	--	44,198	1,638	--	112	--	44,239	1,485	8,409	
Greater than 500 ppm sulfur	--	--	71,500	15,477	--	-2,106	--	22,730	66,353	13,414	
Residual Fuel Oil <sup>6</sup>	--	--	152,855	74,849	--	-673	--	108,979	119,398	41,475	
Less than 0.31 percent sulfur	--	--	17,352	3,968	--	224	--	NA	NA	4,528	
0.31 to 1.00 percent sulfur	--	--	18,212	8,828	--	2,083	--	NA	NA	7,941	
Greater than 1.00 percent sulfur	--	--	117,291	62,053	--	-2,980	--	NA	NA	29,000	
Petrochemical Feedstocks	--	--	106,558	11,620	--	-47	--	--	118,225	3,240	
Naphtha for Petro. Feed. Use	--	--	70,159	9,784	--	-92	--	--	80,035	2,011	
Other Oils for Petro. Feed. Use	--	--	36,399	1,836	--	45	--	--	38,190	1,229	
Special Naphthas	--	--	12,640	5,073	--	-118	--	--	17,831	1,218	
Lubricants	--	--	60,554	14,316	--	-1,086	--	28,223	47,733	12,368	
Waxes	--	--	1,734	1,983	--	98	--	1,298	2,321	671	
Petroleum Coke	--	--	333,124	3,627	--	668	--	209,723	126,360	6,983	
Marketable	--	--	247,525	3,627	--	668	--	209,723	40,761	6,983	
Catalyst	--	--	85,599	--	--	--	--	--	85,599	--	
Asphalt and Road Oil	--	--	120,958	13,302	--	-1,774	--	7,438	128,596	22,881	
Still Gas	--	--	255,241	--	--	--	--	--	255,241	--	
Miscellaneous Products	--	--	33,447	14	--	-94	--	542	33,013	682	
<b>Total</b>	<b>4,524,516</b>	<b>424,005</b>	<b>7,348,911</b>	<b>3,680,227</b>	<b>140,521</b>	<b>47,550</b>	<b>6,939,734</b>	<b>1,925,369</b>	<b>7,205,528</b>	<b>2,029,572</b>	

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>2</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

<sup>3</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>4</sup> Includes value for the Strategic Petroleum Reserve. See Table 13 for the breakout of Commercial Crude Oil.

<sup>5</sup> Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

<sup>6</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

**Table 2. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, 2016**  
(Thousand Barrels per Day)

Commodity	Supply					Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments <sup>1</sup>	Stock Change <sup>2</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>3</sup>
<b>Crude Oil<sup>4</sup></b> .....	<b>8,853</b>	--	--	<b>7,850</b>	<b>171</b>	<b>97</b>	<b>16,187</b>	<b>591</b>	<b>0</b>
<b>Hydrocarbon Gas Liquids</b> .....	<b>3,509</b>	<b>-22</b>	<b>632</b>	<b>180</b>	--	<b>16</b>	<b>536</b>	<b>1,211</b>	<b>2,536</b>
Natural Gas Liquids .....	3,509	-22	351	155	--	5	536	1,211	2,241
Ethane .....	1,273	--	3	0	--	52	--	95	1,130
Propane .....	1,166	--	307	120	--	-39	--	799	833
Normal Butane .....	293	--	48	11	--	-18	177	110	84
Isobutane .....	343	--	-7	10	--	-1	214	6	128
Natural Gasoline .....	434	-22	--	14	--	12	146	202	66
Refinery Olefins .....	--	--	281	25	--	10	--	--	296
Ethylene .....	--	--	1	--	--	0	--	--	1
Propylene .....	--	--	280	22	--	6	--	--	297
Butylene .....	--	--	-1	3	--	4	--	--	-2
Isobutylene .....	--	--	1	--	--	0	--	--	0
<b>Other Liquids</b> .....	--	<b>1,177</b>	--	<b>1,329</b>	<b>230</b>	<b>7</b>	<b>2,238</b>	<b>486</b>	<b>4</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons .....	--	1,177	--	74	105	5	1,199	152	0
Hydrogen .....	--	--	--	--	217	--	217	--	0
Oxygenates (excluding Fuel Ethanol) .....	--	73	--	11	-9	2	3	71	0
Renewable Fuels (including Fuel Ethanol) .....	--	1,105	--	63	-103	4	979	82	0
Fuel Ethanol <sup>5</sup> .....	--	1,003	--	2	-19	-5	915	76	0
Renewable Fuels Except Fuel Ethanol .....	--	102	--	61	-84	9	64	6	0
Other Hydrocarbons .....	--	--	--	1	1	0	1	--	0
Unfinished Oils .....	--	--	--	606	--	-7	403	206	4
Motor Gasoline Blend.Comp. (MGBC) <sup>5</sup> .....	--	0	--	649	124	9	636	128	0
Reformulated .....	--	0	--	191	184	4	372	0	0
Conventional .....	--	0	--	458	-60	6	264	128	0
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	0	0	--	0
<b>Finished Petroleum Products</b> .....	--	<b>3</b>	<b>19,447</b>	<b>696</b>	<b>-17</b>	<b>10</b>	--	<b>2,972</b>	<b>17,147</b>
Finished Motor Gasoline .....	--	3	9,995	59	-105	-1	--	635	9,317
Reformulated .....	--	--	3,242	--	-177	0	--	--	3,066
Conventional .....	--	3	6,753	59	71	-1	--	635	6,251
Finished Aviation Gasoline .....	--	--	11	0	--	0	--	--	11
Kerosene-Type Jet Fuel .....	--	--	1,650	147	--	7	--	175	1,614
Kerosene .....	--	--	14	2	--	-1	--	9	9
Distillate Fuel Oil <sup>5</sup> .....	--	--	4,834	147	88	13	--	1,179	3,877
15 ppm sulfur and under .....	--	--	4,518	100	88	18	--	996	3,692
Greater than 15 ppm to 500 ppm sulfur .....	--	--	121	4	--	0	--	121	4
Greater than 500 ppm sulfur .....	--	--	195	42	--	-6	--	62	181
Residual Fuel Oil <sup>6</sup> .....	--	--	418	205	--	-2	--	298	326
Less than 0.31 percent sulfur .....	--	--	47	11	--	1	--	NA	NA
0.31 to 1.00 percent sulfur .....	--	--	50	24	--	6	--	NA	NA
Greater than 1.00 percent sulfur .....	--	--	320	170	--	-8	--	NA	NA
Petrochemical Feedstocks .....	--	--	291	32	--	0	--	--	323
Naphtha for Petro. Feed. Use .....	--	--	192	27	--	0	--	--	219
Other Oils for Petro. Feed. Use .....	--	--	99	5	--	0	--	--	104
Special Naphthas .....	--	--	35	14	--	0	--	--	49
Lubricants .....	--	--	165	39	--	-3	--	77	130
Waxes .....	--	--	5	5	--	0	--	4	6
Petroleum Coke .....	--	--	910	10	--	2	--	573	345
Marketable .....	--	--	676	10	--	2	--	573	111
Catalyst .....	--	--	234	--	--	--	--	--	234
Asphalt and Road Oil .....	--	--	330	36	--	-5	--	20	351
Still Gas .....	--	--	697	--	--	--	--	--	697
Miscellaneous Products .....	--	--	91	0	--	0	--	1	90
<b>Total</b> .....	<b>12,362</b>	<b>1,158</b>	<b>20,079</b>	<b>10,055</b>	<b>384</b>	<b>130</b>	<b>18,961</b>	<b>5,261</b>	<b>19,687</b>

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>2</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

<sup>3</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>4</sup> Includes value for the Strategic Petroleum Reserve. See Table 13 for the breakout of Commercial Crude Oil.

<sup>5</sup> Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

<sup>6</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

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**Table 3. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, 2016**  
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>	
<b>Crude Oil</b>	15,956	--	--	306,376	75,318	68,214	-2,339	405,496	62,707	0	13,812
<b>Hydrocarbon Gas Liquids</b>	132,038	-176	11,148	16,342	-6,578	--	-515	13,403	25,151	114,735	7,767
Natural Gas Liquids	132,038	-176	6,274	13,079	-9,689	--	-552	13,403	25,151	103,524	7,484
Ethane	54,702	--	--	43	-46,327	--	322	--	7,494	602	440
Propane	44,115	--	8,166	11,453	31,701	--	-718	--	14,861	81,292	5,855
Normal Butane	13,521	--	-1,580	550	4,215	--	-72	7,403	1,619	7,756	872
Isobutane	6,563	--	-312	1,033	774	--	-58	4,461	11	3,644	134
Natural Gasoline	13,137	-176	--	--	-52	--	-26	1,539	1,165	10,231	183
Refinery Olefins	--	--	4,874	3,263	3,111	--	37	--	--	11,211	283
Ethylene	--	--	156	--	--	--	--	--	--	156	--
Propylene	--	--	4,743	3,263	3,111	--	9	--	--	11,108	159
Butylene	--	--	-528	--	--	--	4	--	--	-532	100
Isobutylene	--	--	503	--	--	--	24	--	--	479	24
<b>Other Liquids</b>	--	11,587	--	232,984	657,802	91,729	4,431	989,328	22,437	-22,094	73,650
Hydrogen/Oxygenates/Renewables/											
Other Hydrocarbons	--	11,623	--	8,963	112,228	-3,333	433	127,386	1,662	0	9,291
Hydrogen	--	--	--	--	--	1,246	--	1,246	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	19	--	--	19	0	--
Renewable Fuels (including Fuel Ethanol) ...	--	11,623	--	8,953	112,228	-4,588	433	126,140	1,643	0	9,291
Fuel Ethanol <sup>6</sup>	--	9,537	--	12	110,551	2,493	-921	121,926	1,588	0	6,297
Renewable Fuels Except Fuel Ethanol	--	2,086	--	8,941	1,676	-7,081	1,354	4,214	55	0	2,994
Other Hydrocarbons	--	--	--	10	--	-10	--	--	--	0	--
Unfinished Oils	--	--	--	14,278	-381	--	-1,005	18,190	18,806	-22,094	4,472
Motor Gasoline Blend.Comp. (MGBC) <sup>6</sup>	--	-36	--	209,743	545,955	95,062	5,003	843,752	1,969	0	59,887
Reformulated	--	--	--	69,115	95,830	43,269	-134	208,343	5	0	19,623
Conventional	--	-36	--	140,628	450,125	51,793	5,137	635,409	1,964	0	40,264
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	--	--	1,413,949	127,966	551,805	-90,943	2,597	--	49,768	1,950,413	103,254
Finished Motor Gasoline	--	--	1,180,989	19,749	84,599	-97,555	-346	--	1,126	1,187,002	5,492
Reformulated	--	--	475,597	--	44	-33,032	15	--	--	442,594	31
Conventional	--	--	705,392	19,749	84,555	-64,522	-361	--	1,126	744,408	5,461
Finished Aviation Gasoline	--	--	--	12	6,147	--	23	--	--	6,136	164
Kerosene-Type Jet Fuel	--	--	32,366	20,585	161,488	--	1,005	--	679	212,755	11,078
Kerosene	--	--	853	854	--	--	-215	--	329	1,593	1,759
Distillate Fuel Oil <sup>6</sup>	--	--	127,225	44,133	278,067	6,612	2,454	--	23,233	430,349	67,530
15 ppm sulfur and under	--	--	110,705	31,000	252,696	6,612	4,428	--	18,426	378,159	54,530
Greater than 15 ppm to 500 ppm sulfur	--	--	3,045	1,271	3,222	--	531	--	3,813	3,194	6,007
Greater than 500 ppm sulfur	--	--	13,475	11,862	22,149	--	-2,505	--	995	48,996	6,993
Residual Fuel Oil <sup>7</sup>	--	--	17,012	28,735	5	--	-673	--	12,521	33,904	10,924
Less than 0.31 percent sulfur	--	--	2,549	1,834	-194	--	392	--	NA	NA	2,057
0.31 to 1.00 percent sulfur	--	--	1,974	3,379	--	--	-1,115	--	NA	NA	1,512
Greater than 1.00 percent sulfur	--	--	12,489	23,522	199	--	50	--	NA	NA	7,355
Petrochemical Feedstocks	--	--	1,640	29	-115	--	8	--	--	1,546	159
Naphtha for Petro. Feed. Use	--	--	1,640	15	36	--	8	--	--	1,683	159
Other Oils for Petro. Feed. Use	--	--	--	14	-151	--	--	--	--	-137	--
Special Naphthas	--	--	256	--	--	--	-8	--	--	264	22
Lubricants	--	--	4,810	2,140	6,235	--	-2	--	2,567	10,620	1,208
Waxes	--	--	56	1,035	--	--	76	--	661	354	377
Petroleum Coke	--	--	13,092	1,862	4,165	--	--	--	7,365	11,754	--
Marketable	--	--	4,815	1,862	4,165	--	--	--	7,365	3,477	--
Catalyst	--	--	8,277	--	--	--	--	--	--	8,277	--
Asphalt and Road Oil	--	--	19,289	8,832	11,215	--	275	--	1,122	37,938	4,504
Still Gas	--	--	15,347	--	--	--	--	--	--	15,347	--
Miscellaneous Products	--	--	1,014	--	--	--	0	--	165	849	37
<b>Total</b>	<b>147,994</b>	<b>11,411</b>	<b>1,425,097</b>	<b>683,668</b>	<b>1,278,347</b>	<b>69,000</b>	<b>4,174</b>	<b>1,408,227</b>	<b>160,063</b>	<b>2,043,053</b>	<b>198,483</b>

-- = Not Applicable.  
- = No Data Reported.  
NA = Not Available.

- 1 Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.
- 2 Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, ethanol, and biodiesel.
- 3 Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.
- 4 A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).
- 5 Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.
- 6 Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.
- 7 Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.  
Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 4. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, 2016**  
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>
<b>Crude Oil</b>	<b>44</b>	<b>--</b>	<b>--</b>	<b>837</b>	<b>206</b>	<b>186</b>	<b>-6</b>	<b>1,108</b>	<b>171</b>	<b>0</b>
<b>Hydrocarbon Gas Liquids</b>	<b>361</b>	<b>0</b>	<b>30</b>	<b>45</b>	<b>-18</b>	<b>--</b>	<b>-1</b>	<b>37</b>	<b>69</b>	<b>313</b>
Natural Gas Liquids	361	0	17	36	-26	--	-2	37	69	283
Ethane	149	--	--	0	-127	--	1	--	20	2
Propane	121	--	22	31	87	--	-2	--	--	222
Normal Butane	37	--	-4	2	12	--	0	20	--	21
Isobutane	18	--	-1	3	2	--	0	12	0	10
Natural Gasoline	36	0	--	--	0	--	0	4	3	28
Refinery Olefins	--	--	13	9	9	--	0	--	--	31
Ethylene	--	--	0	--	--	--	--	--	--	0
Propylene	--	--	13	9	9	--	0	--	--	30
Butylene	--	--	-1	--	--	--	0	--	--	-1
Isobutylene	--	--	1	--	--	--	0	--	--	1
<b>Other Liquids</b>	<b>--</b>	<b>32</b>	<b>--</b>	<b>637</b>	<b>1,797</b>	<b>251</b>	<b>12</b>	<b>2,703</b>	<b>61</b>	<b>-60</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	32	--	24	307	-9	1	348	5	0
Hydrogen	--	--	--	--	--	3	--	3	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol) ... Fuel Ethanol <sup>6</sup>	--	32	--	24	307	-13	1	345	4	0
Renewable Fuels Except Fuel Ethanol	--	26	--	0	302	7	-3	333	4	0
Renewable Fuels Except Fuel Ethanol	--	6	--	24	5	-19	4	12	0	0
Other Hydrocarbons	--	--	--	0	--	0	--	--	--	0
Unfinished Oils	--	--	--	39	-1	--	-3	50	51	-60
Motor Gasoline Blend.Comp. (MGBC) <sup>6</sup>	--	0	--	573	1,492	260	14	2,305	5	0
Reformulated	--	--	--	189	262	118	0	569	0	0
Conventional	--	0	--	384	1,230	142	14	1,736	5	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>--</b>	<b>3,863</b>	<b>350</b>	<b>1,508</b>	<b>-248</b>	<b>7</b>	<b>--</b>	<b>136</b>	<b>5,329</b>
Finished Motor Gasoline	--	--	3,227	54	231	-267	-1	--	3	3,243
Reformulated	--	--	1,299	--	0	-90	0	--	--	1,209
Conventional	--	--	1,927	54	231	-176	-1	--	3	2,034
Finished Aviation Gasoline	--	--	--	0	17	--	0	--	--	17
Kerosene-Type Jet Fuel	--	--	88	56	441	--	3	--	2	581
Kerosene	--	--	2	2	--	--	-1	--	1	4
Distillate Fuel Oil <sup>6</sup>	--	--	348	121	760	18	7	--	63	1,176
15 ppm sulfur and under	--	--	302	85	690	18	12	--	50	1,033
Greater than 15 ppm to 500 ppm sulfur	--	--	8	3	9	--	1	--	10	9
Greater than 500 ppm sulfur	--	--	37	32	61	--	-7	--	3	134
Residual Fuel Oil <sup>7</sup>	--	--	46	79	0	--	-2	--	34	93
Less than 0.31 percent sulfur	--	--	7	5	-1	--	1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	5	9	--	--	-3	--	NA	NA
Greater than 1.00 percent sulfur	--	--	34	64	1	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	4	0	0	--	0	--	--	4
Naphtha for Petro. Feed. Use	--	--	4	0	0	--	0	--	--	5
Other Oils for Petro. Feed. Use	--	--	--	0	0	--	--	--	--	0
Special Naphthas	--	--	1	--	--	--	0	--	--	1
Lubricants	--	--	13	6	17	--	0	--	7	29
Waxes	--	--	0	3	--	--	0	--	2	1
Petroleum Coke	--	--	36	5	11	--	--	--	20	32
Marketable	--	--	13	5	11	--	--	--	20	9
Catalyst	--	--	23	--	--	--	--	--	--	23
Asphalt and Road Oil	--	--	53	24	31	--	1	--	3	104
Still Gas	--	--	42	--	--	--	--	--	--	42
Miscellaneous Products	--	--	3	--	--	--	0	--	0	2
<b>Total</b>	<b>404</b>	<b>31</b>	<b>3,894</b>	<b>1,868</b>	<b>3,493</b>	<b>189</b>	<b>11</b>	<b>3,848</b>	<b>437</b>	<b>5,582</b>

-- = Not Applicable.  
- = No Data Reported.  
NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.  
<sup>2</sup> Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, ethanol, and biodiesel.  
<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.  
<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).  
<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.  
<sup>6</sup> Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.  
<sup>7</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.  
Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 5. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, 2016**  
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>	
<b>Crude Oil</b>	<b>614,396</b>	--	--	<b>871,984</b>	<b>-14,357</b>	<b>-100,765</b>	<b>7,247</b>	<b>1,325,128</b>	<b>38,883</b>	<b>0</b>	<b>151,751</b>
<b>Hydrocarbon Gas Liquids</b>	<b>285,045</b>	<b>-7,244</b>	<b>41,910</b>	<b>30,671</b>	<b>-97,030</b>	--	<b>-6,127</b>	<b>39,838</b>	<b>101,644</b>	<b>117,997</b>	<b>47,937</b>
Natural Gas Liquids	285,045	-7,244	25,993	24,948	-88,943	--	-6,134	39,838	101,644	104,451	47,247
Ethane	85,838	--	--	--	-35,500	--	499	--	25,406	24,433	5,681
Propane	109,303	--	26,966	19,824	-86,014	--	-3,195	--	2,322	70,952	21,484
Normal Butane	35,336	--	361	2,462	-20,203	--	-2,710	12,014	3,929	4,723	8,885
Isobutane	19,925	--	-1,334	2,332	171	--	-38	19,304	2	1,826	1,902
Natural Gasoline	34,643	-7,244	--	330	52,603	--	-690	8,520	69,985	2,517	9,295
Refinery Olefins	--	--	15,917	5,723	-8,087	--	7	--	--	13,546	690
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	15,160	4,829	-8,087	--	-40	--	--	11,942	633
Butylene	--	--	757	894	--	--	47	--	--	1,604	57
Isobutylene	--	--	--	--	--	--	0	--	--	0	0
<b>Other Liquids</b>	--	<b>361,258</b>	--	<b>3,120</b>	<b>-113,035</b>	<b>-12,324</b>	<b>-214</b>	<b>231,294</b>	<b>11,751</b>	<b>-3,812</b>	<b>67,133</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	361,272	--	764	-225,025	-18,957	-34	110,365	7,723	0	8,064
Hydrogen	--	--	--	--	--	13,030	--	13,030	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	6	--	--	--	-1	--	--	5	0	--
Renewable Fuels (including Fuel Ethanol)	--	361,266	--	660	-225,025	-32,314	-9	96,877	7,719	0	8,047
Fuel Ethanol	--	336,036	--	--	-218,912	-19,299	133	91,187	6,505	0	7,349
Renewable Fuels Except Fuel Ethanol	--	25,230	--	660	-6,113	-13,015	-142	5,690	1,214	0	698
Other Hydrocarbons	--	--	--	104	--	329	-25	458	--	0	17
Unfinished Oils	--	--	--	--	-5,965	--	253	-4,132	1,726	-3,812	13,136
Motor Gasoline Blend.Comp. (MGBC)	--	-14	--	2,356	117,955	6,633	-433	125,061	2,302	0	45,933
Reformulated	--	-2	--	--	29,453	-14,057	417	14,976	1	0	6,546
Conventional	--	-12	--	2,356	88,502	20,690	-850	110,085	2,301	0	39,387
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	--	<b>1,040</b>	<b>1,636,108</b>	<b>10,109</b>	<b>54,996</b>	<b>25,702</b>	<b>-761</b>	--	<b>22,777</b>	<b>1,705,939</b>	<b>61,497</b>
Finished Motor Gasoline	--	1,040	955,286	65	10,327	12,666	-12	--	4,292	975,104	7,296
Reformulated	--	--	135,509	--	--	17,444	--	--	--	152,953	--
Conventional	--	1,040	819,777	65	10,327	-4,778	-12	--	4,292	822,151	7,296
Finished Aviation Gasoline	--	--	685	2	300	--	34	--	--	953	211
Kerosene-Type Jet Fuel	--	--	90,181	5	11,178	--	7	--	4,651	96,706	6,928
Kerosene	--	--	1,114	1	182	--	-16	--	256	1,057	202
Distillate Fuel Oil	--	--	376,083	789	54,612	13,035	579	--	2,938	441,003	32,473
15 ppm sulfur and under	--	--	375,902	504	53,423	13,035	179	--	628	442,057	31,199
Greater than 15 ppm to 500 ppm sulfur	--	--	926	--	1,097	--	-53	--	1,595	481	450
Greater than 500 ppm sulfur	--	--	-745	285	92	--	453	--	714	-1,535	824
Residual Fuel Oil <sup>6</sup>	--	--	18,845	1,336	-9,693	--	196	--	3,167	7,125	1,489
Less than 0.31 percent sulfur	--	--	1,313	--	-51	--	9	--	NA	NA	32
0.31 to 1.00 percent sulfur	--	--	2,429	758	-205	--	150	--	NA	NA	287
Greater than 1.00 percent sulfur	--	--	15,103	578	-9,437	--	37	--	NA	NA	1,170
Petrochemical Feedstocks	--	--	10,585	1,899	-1,116	--	-222	--	--	11,590	533
Naphtha for Petro. Feed. Use	--	--	8,093	1,063	-1,131	--	-201	--	--	8,226	391
Other Oils for Petro. Feed. Use	--	--	2,492	836	15	--	-21	--	--	3,364	142
Special Naphthas	--	--	548	566	391	--	8	--	--	1,497	161
Lubricants	--	--	3,252	2,440	2,627	--	71	--	2,103	6,145	740
Waxes	--	--	424	77	--	--	2	--	354	145	44
Petroleum Coke	--	--	69,422	235	-7,592	--	-118	--	3,527	58,656	1,078
Marketable	--	--	51,500	235	-7,592	--	-118	--	3,527	40,734	1,078
Catalyst	--	--	17,922	--	--	--	--	--	--	17,922	--
Asphalt and Road Oil	--	--	51,748	2,694	-6,335	--	-1,296	--	1,486	47,918	10,219
Still Gas	--	--	52,278	--	--	--	--	--	--	52,278	--
Miscellaneous Products	--	--	5,657	--	114	--	6	--	3	5,762	123
<b>Total</b>	<b>899,441</b>	<b>355,054</b>	<b>1,678,018</b>	<b>915,884</b>	<b>-169,426</b>	<b>-87,388</b>	<b>145</b>	<b>1,596,260</b>	<b>175,054</b>	<b>1,820,124</b>	<b>328,318</b>

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, ethanol, and biodiesel.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>6</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 6. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, 2016**  
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>
<b>Crude Oil</b>	1,679	--	--	2,382	-39	-275	20	3,621	106	0
<b>Hydrocarbon Gas Liquids</b>	779	-20	115	84	-265	--	-17	109	278	322
Natural Gas Liquids	779	-20	71	68	-243	--	-17	109	278	285
Ethane	235	--	--	--	-97	--	1	--	69	67
Propane	299	--	74	54	-235	--	-9	--	6	194
Normal Butane	97	--	1	7	-55	--	-7	33	11	13
Isobutane	54	--	-4	6	0	--	0	53	0	5
Natural Gasoline	95	-20	--	1	144	--	-2	23	191	7
Refinery Olefins	--	--	43	16	-22	--	0	--	--	37
Ethylene	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	41	13	-22	--	0	--	--	33
Butylene	--	--	2	2	--	--	0	--	--	4
Isobutylene	--	--	--	--	--	--	0	--	--	0
<b>Other Liquids</b>	--	987	--	9	-309	-34	-1	632	32	-10
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	987	--	2	-615	-52	0	302	21	0
Hydrogen	--	--	--	--	--	36	--	36	--	0
Oxygenates (excluding Fuel Ethanol)	--	0	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	987	--	2	-615	-88	0	265	21	0
Fuel Ethanol	--	918	--	--	-598	-53	0	249	18	0
Renewable Fuels Except Fuel Ethanol	--	69	--	2	-17	-36	0	16	3	0
Other Hydrocarbons	--	--	--	0	--	1	0	1	--	0
Unfinished Oils	--	--	--	--	-16	--	1	-11	5	-10
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	6	322	18	-1	342	6	0
Reformulated	--	0	--	--	80	-38	1	41	0	0
Conventional	--	0	--	6	242	57	-2	301	6	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	--	3	4,470	28	150	70	-2	--	62	4,661
Finished Motor Gasoline	--	3	2,610	0	28	35	0	--	12	2,664
Reformulated	--	--	370	--	--	48	--	--	--	418
Conventional	--	3	2,240	0	28	-13	0	--	12	2,246
Finished Aviation Gasoline	--	--	2	0	1	--	0	--	--	3
Kerosene-Type Jet Fuel	--	--	246	0	31	--	0	--	13	264
Kerosene	--	--	3	0	0	--	0	--	1	3
Distillate Fuel Oil	--	--	1,028	2	149	36	2	--	8	1,205
15 ppm sulfur and under	--	--	1,027	1	146	36	0	--	2	1,208
Greater than 15 ppm to 500 ppm sulfur	--	--	3	--	3	--	0	--	4	1
Greater than 500 ppm sulfur	--	--	-2	1	0	--	1	--	2	-4
Residual Fuel Oil <sup>6</sup>	--	--	51	4	-26	--	1	--	9	19
Less than 0.31 percent sulfur	--	--	4	--	0	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	7	2	-1	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	41	2	-26	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	29	5	-3	--	-1	--	--	32
Naphtha for Petro. Feed. Use	--	--	22	3	-3	--	-1	--	--	22
Other Oils for Petro. Feed. Use	--	--	7	2	0	--	0	--	--	9
Special Naphthas	--	--	1	2	1	--	0	--	--	4
Lubricants	--	--	9	7	7	--	0	--	6	17
Waxes	--	--	1	0	--	--	0	--	1	0
Petroleum Coke	--	--	190	1	-21	--	0	--	10	160
Marketable	--	--	141	1	-21	--	0	--	10	111
Catalyst	--	--	49	--	--	--	--	--	--	49
Asphalt and Road Oil	--	--	141	7	-17	--	-4	--	4	131
Still Gas	--	--	143	--	--	--	--	--	--	143
Miscellaneous Products	--	--	15	--	0	--	0	--	0	16
<b>Total</b>	<b>2,457</b>	<b>970</b>	<b>4,585</b>	<b>2,502</b>	<b>-463</b>	<b>-239</b>	<b>0</b>	<b>4,361</b>	<b>478</b>	<b>4,973</b>

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, ethanol, and biodiesel.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>6</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 7. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, 2016**  
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>	
<b>Crude Oil<sup>6</sup></b>	<b>1,995,770</b>	--	--	<b>1,150,858</b>	<b>23,602</b>	<b>80,878</b>	<b>29,310</b>	<b>3,115,203</b>	<b>106,596</b>	<b>0</b>	<b>939,104</b>
<b>Hydrocarbon Gas Liquids</b>	<b>710,874</b>	<b>-218</b>	<b>152,797</b>	<b>5,022</b>	<b>212,069</b>	--	<b>12,936</b>	<b>107,069</b>	<b>299,504</b>	<b>661,035</b>	<b>136,735</b>
Natural Gas Liquids	710,874	-218	74,793	4,735	207,093	--	9,145	107,069	299,504	581,559	128,345
Ethane	291,962	--	1,216	--	112,639	--	18,100	--	1,849	385,868	44,134
Propane	219,418	--	60,379	35	94,921	--	-10,363	--	264,668	120,448	46,781
Normal Butane	34,799	--	15,409	--	28,309	--	-3,472	31,592	30,154	20,243	16,864
Isobutane	86,042	--	-2,211	--	7,119	--	-363	43,544	2,115	45,654	5,340
Natural Gasoline	78,653	-218	--	4,700	-35,895	--	5,243	31,933	717	9,347	15,226
Refinery Olefins	--	--	78,004	287	4,976	--	3,791	--	--	79,476	8,390
Ethylene	--	--	109	--	--	--	0	--	--	109	0
Propylene	--	--	79,171	--	4,976	--	2,193	--	--	81,954	6,227
Butylene	--	--	-975	287	--	--	1,598	--	--	-2,286	2,163
Isobutylene	--	--	-301	--	--	--	0	--	--	-301	0
<b>Other Liquids</b>	--	<b>43,324</b>	--	<b>197,827</b>	<b>-665,208</b>	<b>17,317</b>	<b>241</b>	<b>-569,799</b>	<b>136,110</b>	<b>26,708</b>	<b>119,985</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	43,324	--	10,760	53,319	45,638	665	107,768	44,608	0	7,076
Hydrogen	--	--	--	--	--	47,642	--	47,642	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	26,611	--	3,981	--	-3,198	550	1,062	25,782	0	1,477
Renewable Fuels (including Fuel Ethanol)	--	16,713	--	6,688	53,319	1,285	115	59,064	18,826	0	5,599
Fuel Ethanol	--	9,681	--	94	52,644	7,994	-1,020	53,057	18,376	0	3,325
Renewable Fuels Except Fuel Ethanol	--	7,032	--	6,594	674	-6,709	1,135	6,007	450	0	2,274
Other Hydrocarbons	--	--	--	91	--	-91	--	--	--	0	--
Unfinished Oils	--	--	--	172,905	6,346	--	1,357	97,791	53,337	26,766	41,315
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	14,162	-724,873	-28,321	-1,782	-775,415	38,165	0	71,585
Reformulated	--	--	--	638	-154,960	39,759	-107	-115,133	39	0	11,655
Conventional	--	--	--	14,162	-569,913	-68,080	-1,675	-660,282	38,126	0	59,930
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	1	57	--	-58	9
<b>Finished Petroleum Products</b>	--	--	<b>2,728,830</b>	<b>56,516</b>	<b>-625,679</b>	<b>29,573</b>	<b>2,338</b>	--	<b>895,192</b>	<b>1,291,710</b>	<b>123,646</b>
Finished Motor Gasoline	--	--	819,879	808	-94,309	20,327	-42	--	208,362	538,384	11,198
Reformulated	--	--	166,939	--	-44	-47,266	--	--	--	119,629	--
Conventional	--	--	652,940	808	-94,265	67,593	-42	--	208,362	418,755	11,198
Finished Aviation Gasoline	--	--	2,728	28	-6,471	--	47	--	--	-3,762	417
Kerosene-Type Jet Fuel	--	--	311,583	--	-182,612	--	878	--	49,930	78,163	15,193
Kerosene	--	--	3,058	--	-182	--	-207	--	2,681	402	119
Distillate Fuel Oil	--	--	992,142	3,642	-344,606	9,246	2,725	--	372,460	285,239	48,923
15 ppm sulfur and under	--	--	903,019	216	-318,046	9,246	2,972	--	321,111	270,352	42,613
Greater than 15 ppm to 500 ppm sulfur	--	--	36,151	313	-4,319	--	-325	--	34,479	-2,009	1,465
Greater than 500 ppm sulfur	--	--	52,972	3,113	-22,241	--	78	--	16,871	16,895	4,845
Residual Fuel Oil <sup>7</sup>	--	--	73,935	27,094	9,089	--	-510	--	79,980	30,648	24,356
Less than 0.31 percent sulfur	--	--	11,283	2,134	245	--	-54	--	NA	NA	2,271
0.31 to 1.00 percent sulfur	--	--	5,549	4,426	205	--	2,806	--	NA	NA	5,289
Greater than 1.00 percent sulfur	--	--	57,103	20,534	8,639	--	-3,262	--	NA	NA	16,796
Petrochemical Feedstocks	--	--	94,289	9,276	1,231	--	168	--	--	104,628	2,547
Naphtha for Petro. Feed. Use	--	--	60,382	8,290	1,095	--	102	--	--	69,665	1,460
Other Oils for Petro. Feed. Use	--	--	33,907	986	136	--	66	--	--	34,963	1,087
Special Naphthas	--	--	11,484	4,507	-391	--	-85	--	--	15,685	1,006
Lubricants	--	--	47,626	9,539	-8,750	--	-737	--	21,145	28,007	9,828
Waxes	--	--	1,254	344	--	--	20	--	202	1,376	250
Petroleum Coke	--	--	187,063	1,176	5,937	--	986	--	155,898	37,292	4,548
Marketable	--	--	142,732	1,176	5,937	--	986	--	155,898	-7,039	4,548
Catalyst	--	--	44,331	--	--	--	--	--	--	44,331	--
Asphalt and Road Oil	--	--	28,200	102	-4,501	--	-790	--	4,269	20,322	4,837
Still Gas	--	--	134,657	--	--	--	--	--	--	134,657	--
Miscellaneous Products	--	--	20,932	--	-114	--	-115	--	265	20,668	424
<b>Total</b>	<b>2,706,644</b>	<b>43,106</b>	<b>2,881,627</b>	<b>1,410,223</b>	<b>-1,055,216</b>	<b>127,768</b>	<b>44,825</b>	<b>2,652,473</b>	<b>1,437,402</b>	<b>1,979,452</b>	<b>1,319,470</b>

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, ethanol, and biodiesel.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>6</sup> Includes value for the Strategic Petroleum Reserve. See Table 13 for the breakout of Commercial Crude Oil.

<sup>7</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks.

Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 8. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, 2016**  
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>
<b>Crude Oil<sup>6</sup></b>	5,453	--	--	3,144	64	221	80	8,511	291	0
<b>Hydrocarbon Gas Liquids</b>	1,942	-1	417	14	579	--	35	293	818	1,806
Natural Gas Liquids	1,942	-1	204	13	566	--	25	293	818	1,589
Ethane	798	--	3	--	308	--	49	--	5	1,054
Propane	600	--	165	0	259	--	-28	--	723	329
Normal Butane	95	--	42	--	77	--	-9	86	82	55
Isobutane	235	--	-6	--	19	--	-1	119	6	125
Natural Gasoline	215	-1	--	13	-98	--	14	87	2	26
Refinery Olefins	--	--	213	1	14	--	10	--	--	217
Ethylene	--	--	0	--	--	--	0	--	--	0
Propylene	--	--	216	--	14	--	6	--	--	224
Butylene	--	--	-3	1	--	--	4	--	--	-6
Isobutylene	--	--	-1	--	--	--	0	--	--	-1
<b>Other Liquids</b>	--	118	--	541	-1,818	47	1	-1,557	372	73
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	118	--	29	146	125	2	294	122	0
Hydrogen	--	--	--	--	--	130	--	130	--	0
Oxygenates (excluding Fuel Ethanol)	--	73	--	11	--	-9	2	3	70	0
Renewable Fuels (including Fuel Ethanol)	--	46	--	18	146	4	0	161	51	0
Fuel Ethanol	--	26	--	0	144	22	-3	145	50	0
Renewable Fuels Except Fuel Ethanol	--	19	--	18	2	-18	3	16	1	0
Other Hydrocarbons	--	--	--	0	--	0	--	--	--	0
Unfinished Oils	--	--	--	472	17	--	4	267	146	73
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	39	-1,981	-77	-5	-2,119	104	0
Reformulated	--	--	--	2	-423	109	0	-315	0	0
Conventional	--	--	--	39	-1,557	-186	-5	-1,804	104	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0
<b>Finished Petroleum Products</b>	--	--	7,456	154	-1,710	81	6	--	2,446	3,529
Finished Motor Gasoline	--	--	2,240	2	-258	56	0	--	569	1,471
Reformulated	--	--	456	--	0	-129	--	--	--	327
Conventional	--	--	1,784	2	-258	185	0	--	569	1,144
Finished Aviation Gasoline	--	--	7	0	-18	--	0	--	--	-10
Kerosene-Type Jet Fuel	--	--	851	--	-499	--	2	--	136	214
Kerosene	--	--	8	--	0	--	-1	--	7	1
Distillate Fuel Oil	--	--	2,711	10	-942	25	7	--	1,018	779
15 ppm sulfur and under	--	--	2,467	1	-869	25	8	--	877	739
Greater than 15 ppm to 500 ppm sulfur	--	--	99	1	-12	--	-1	--	94	-5
Greater than 500 ppm sulfur	--	--	145	9	-61	--	0	--	46	46
Residual Fuel Oil <sup>7</sup>	--	--	202	74	25	--	-1	--	219	84
Less than 0.31 percent sulfur	--	--	31	6	1	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	15	12	1	--	8	--	NA	NA
Greater than 1.00 percent sulfur	--	--	156	56	24	--	-9	--	NA	NA
Petrochemical Feedstocks	--	--	258	25	3	--	0	--	--	286
Naphtha for Petro. Feed. Use	--	--	165	23	3	--	0	--	--	190
Other Oils for Petro. Feed. Use	--	--	93	3	0	--	0	--	--	96
Special Naphthas	--	--	31	12	-1	--	0	--	--	43
Lubricants	--	--	130	26	-24	--	-2	--	58	77
Waxes	--	--	3	1	--	--	0	--	1	4
Petroleum Coke	--	--	511	3	16	--	3	--	426	102
Marketable	--	--	390	3	16	--	3	--	426	-19
Catalyst	--	--	121	--	--	--	--	--	--	121
Asphalt and Road Oil	--	--	77	0	-12	--	-2	--	12	56
Still Gas	--	--	368	--	--	--	--	--	--	368
Miscellaneous Products	--	--	57	--	0	--	0	--	1	56
<b>Total</b>	<b>7,395</b>	<b>118</b>	<b>7,873</b>	<b>3,853</b>	<b>-2,883</b>	<b>349</b>	<b>122</b>	<b>7,247</b>	<b>3,927</b>	<b>5,408</b>

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, ethanol, and biodiesel.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>6</sup> Includes value for the Strategic Petroleum Reserve. See Table 13 for the breakout of Commercial Crude Oil.

<sup>7</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks.

Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, 2016**  
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>	
<b>Crude Oil</b>	<b>242,365</b>	--	--	<b>118,771</b>	<b>-133,929</b>	<b>-397</b>	<b>3,586</b>	<b>218,870</b>	<b>4,353</b>	<b>0</b>	<b>23,332</b>
<b>Hydrocarbon Gas Liquids</b>	<b>133,259</b>	<b>-116</b>	<b>4,874</b>	<b>3,945</b>	<b>-119,259</b>	--	<b>-270</b>	<b>7,189</b>	<b>2,163</b>	<b>13,621</b>	<b>3,347</b>
Natural Gas Liquids	133,259	-116	4,472	3,945	-119,259	--	-253	7,189	2,163	13,202	3,308
Ethane	33,296	--	--	--	-30,812	--	4	--	--	2,480	436
Propane	49,957	--	3,369	3,758	-44,761	--	-166	--	24	12,465	1,353
Normal Butane	19,607	--	893	6	-17,311	--	-15	2,656	419	135	955
Isobutane	8,939	--	210	181	-9,719	--	-77	2,472	--	-2,784	258
Natural Gasoline	21,460	-116	--	--	-16,656	--	1	2,061	1,720	906	306
Refinery Olefins	--	--	402	--	--	--	-17	--	--	419	39
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	101	--	--	--	-1	--	--	102	0
Butylene	--	--	301	--	--	--	-16	--	--	317	39
Isobutylene	--	--	--	--	--	--	0	--	--	0	0
<b>Other Liquids</b>	--	<b>5,028</b>	--	<b>790</b>	<b>4,848</b>	<b>-7,449</b>	<b>-421</b>	<b>1,866</b>	<b>542</b>	<b>1,230</b>	<b>8,868</b>
Hydrogen/Oxygenates/Renewables/	--	--	--	--	--	--	--	--	--	--	--
Other Hydrocarbons	--	5,028	--	146	4,568	4,474	16	14,099	102	0	367
Hydrogen	--	--	--	--	--	2,490	--	2,490	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0	--
Renewable Fuels (including Fuel Ethanol)	--	5,028	--	146	4,568	1,984	16	11,609	101	0	367
Fuel Ethanol	--	5,028	--	--	4,009	1,987	15	10,989	20	0	353
Renewable Fuels Except Fuel Ethanol	--	--	--	146	560	-3	1	620	81	0	14
Other Hydrocarbons	--	--	--	54	--	-54	--	--	--	0	--
Unfinished Oils	--	--	--	--	--	--	-685	-977	432	1,230	2,829
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	644	280	-11,924	248	-11,256	8	0	5,672
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	644	280	-11,924	248	-11,256	8	0	5,672
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	--	--	<b>234,646</b>	<b>620</b>	<b>-8,436</b>	<b>9,940</b>	<b>-82</b>	--	<b>741</b>	<b>236,111</b>	<b>9,009</b>
Finished Motor Gasoline	--	--	114,507	--	-5,066	9,936	-54	--	12	119,419	2,238
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	114,507	--	-5,066	9,936	-54	--	12	119,419	2,238
Finished Aviation Gasoline	--	--	56	8	--	--	3	--	--	61	9
Kerosene-Type Jet Fuel	--	--	12,511	19	7,111	--	5	--	0	19,636	600
Kerosene	--	--	1	--	--	--	-1	--	--	2	1
Distillate Fuel Oil	--	--	71,908	58	-1,982	3	0	--	34	69,953	4,316
15 ppm sulfur and under	--	--	71,558	58	-1,982	3	-1	--	0	69,638	4,042
Greater than 15 ppm to 500 ppm sulfur	--	--	381	--	--	--	33	--	34	314	220
Greater than 500 ppm sulfur	--	--	-31	--	--	--	-32	--	--	1	54
Residual Fuel Oil <sup>6</sup>	--	--	3,787	--	--	--	-14	--	485	3,316	224
Less than 0.31 percent sulfur	--	--	2,127	--	--	--	27	--	NA	NA	34
0.31 to 1.00 percent sulfur	--	--	243	--	--	--	-3	--	NA	NA	4
Greater than 1.00 percent sulfur	--	--	1,417	--	--	--	-38	--	NA	NA	186
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	130	-130	--
Waxes	--	--	--	--	--	--	--	--	2	-2	--
Petroleum Coke	--	--	9,208	--	-3,230	--	51	--	2	5,925	144
Marketable	--	--	6,361	--	-3,230	--	51	--	2	3,078	144
Catalyst	--	--	2,847	--	--	--	--	--	--	2,847	--
Asphalt and Road Oil	--	--	12,580	521	-5,269	--	-71	--	75	7,828	1,460
Still Gas	--	--	8,937	--	--	--	--	--	--	8,937	--
Miscellaneous Products	--	--	1,151	14	-25	--	-1	--	0	1,166	17
<b>Total</b>	<b>375,624</b>	<b>4,912</b>	<b>239,520</b>	<b>124,126</b>	<b>-256,776</b>	<b>2,093</b>	<b>2,813</b>	<b>227,925</b>	<b>7,799</b>	<b>250,962</b>	<b>44,556</b>

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, ethanol, and biodiesel.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>6</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, 2016**  
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>
<b>Crude Oil</b> .....	<b>662</b>	<b>--</b>	<b>--</b>	<b>325</b>	<b>-366</b>	<b>-1</b>	<b>10</b>	<b>598</b>	<b>12</b>	<b>0</b>
<b>Hydrocarbon Gas Liquids</b> .....	<b>364</b>	<b>0</b>	<b>13</b>	<b>11</b>	<b>-326</b>	<b>--</b>	<b>-1</b>	<b>20</b>	<b>6</b>	<b>37</b>
Natural Gas Liquids .....	364	0	12	11	-326	--	-1	20	6	36
Ethane .....	91	--	--	--	-84	--	0	--	--	7
Propane .....	136	--	9	10	-122	--	0	--	0	34
Normal Butane .....	54	--	2	0	-47	--	0	7	1	0
Isobutane .....	24	--	1	0	-27	--	0	7	--	-8
Natural Gasoline .....	59	0	--	--	-46	--	0	6	5	2
Refinery Olefins .....	--	--	1	--	--	--	0	--	--	1
Ethylene .....	--	--	--	--	--	--	--	--	--	--
Propylene .....	--	--	0	--	--	--	0	--	--	0
Butylene .....	--	--	1	--	--	--	0	--	--	1
Isobutylene .....	--	--	--	--	--	--	0	--	--	0
<b>Other Liquids</b> .....	<b>--</b>	<b>14</b>	<b>--</b>	<b>2</b>	<b>13</b>	<b>-20</b>	<b>-1</b>	<b>5</b>	<b>1</b>	<b>3</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	--	14	--	0	12	12	0	39	0	0
Hydrogen .....	--	--	--	--	--	7	--	7	--	0
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol) ...	--	14	--	0	12	5	0	32	0	0
Fuel Ethanol .....	--	14	--	--	11	5	0	30	0	0
Renewable Fuels Except Fuel Ethanol .....	--	--	--	0	2	0	0	2	0	0
Other Hydrocarbons .....	--	--	--	0	--	0	--	--	--	0
Unfinished Oils .....	--	--	--	--	--	--	-2	-3	1	3
Motor Gasoline Blend.Comp. (MGBC) .....	--	--	--	2	1	-33	1	-31	0	0
Reformulated .....	--	--	--	--	--	--	--	--	--	--
Conventional .....	--	--	--	2	1	-33	1	-31	0	0
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b> .....	<b>--</b>	<b>--</b>	<b>641</b>	<b>2</b>	<b>-23</b>	<b>27</b>	<b>0</b>	<b>--</b>	<b>2</b>	<b>645</b>
Finished Motor Gasoline .....	--	--	313	--	-14	27	0	--	0	326
Reformulated .....	--	--	--	--	--	--	--	--	--	--
Conventional .....	--	--	313	--	-14	27	0	--	0	326
Finished Aviation Gasoline .....	--	--	0	0	--	--	0	--	0	0
Kerosene-Type Jet Fuel .....	--	--	34	0	19	--	0	--	0	54
Kerosene .....	--	--	0	--	--	--	0	--	--	0
Distillate Fuel Oil .....	--	--	196	0	-5	0	0	--	0	191
15 ppm sulfur and under .....	--	--	196	0	-5	0	0	--	0	190
Greater than 15 ppm to 500 ppm sulfur .....	--	--	1	--	--	--	0	--	0	1
Greater than 500 ppm sulfur .....	--	--	0	--	--	--	0	--	--	0
Residual Fuel Oil <sup>6</sup> .....	--	--	10	--	--	--	0	--	1	9
Less than 0.31 percent sulfur .....	--	--	6	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur .....	--	--	1	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur .....	--	--	4	--	--	--	0	--	NA	NA
Petrochemical Feedstocks .....	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use .....	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use .....	--	--	--	--	--	--	--	--	--	--
Special Naphthas .....	--	--	--	--	--	--	--	--	--	--
Lubricants .....	--	--	--	--	--	--	--	--	0	0
Waxes .....	--	--	--	--	--	--	--	--	0	0
Petroleum Coke .....	--	--	25	--	-9	--	0	--	0	16
Marketable .....	--	--	17	--	-9	--	0	--	0	8
Catalyst .....	--	--	8	--	--	--	--	--	--	8
Asphalt and Road Oil .....	--	--	34	1	-14	--	0	--	0	21
Still Gas .....	--	--	24	--	--	--	--	--	--	24
Miscellaneous Products .....	--	--	3	0	0	--	0	--	0	3
<b>Total</b> .....	<b>1,026</b>	<b>13</b>	<b>654</b>	<b>339</b>	<b>-702</b>	<b>6</b>	<b>8</b>	<b>623</b>	<b>21</b>	<b>686</b>

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, ethanol, and biodiesel.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>6</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 11. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, 2016**  
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>	
<b>Crude Oil</b>	<b>371,673</b>	--	--	<b>425,219</b>	<b>49,365</b>	<b>14,738</b>	<b>-2,439</b>	<b>859,698</b>	<b>3,736</b>	<b>0</b>	<b>51,705</b>
<b>Hydrocarbon Gas Liquids</b>	<b>23,141</b>	<b>-156</b>	<b>20,407</b>	<b>10,045</b>	<b>10,798</b>	--	<b>-320</b>	<b>28,782</b>	<b>14,926</b>	<b>20,847</b>	<b>4,409</b>
Natural Gas Liquids	23,141	-156	16,920	10,007	10,798	--	-314	28,782	14,926	17,316	4,387
Ethane	20	--	--	--	--	--	--	--	--	20	--
Propane	4,034	--	13,409	8,875	4,153	--	110	--	10,624	19,737	1,574
Normal Butane	4,076	--	2,311	1,063	4,990	--	-434	11,052	4,104	-2,282	2,306
Isobutane	4,180	--	1,200	69	1,655	--	9	8,529	0	-1,434	472
Natural Gasoline	10,831	-156	--	--	--	--	1	9,201	198	1,275	35
Refinery Olefins	--	--	3,487	38	--	--	-6	--	--	3,531	22
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	3,477	38	--	--	2	--	--	3,513	12
Butylene	--	--	10	--	--	--	-8	--	--	18	10
Isobutylene	--	--	--	--	--	--	0	--	--	0	0
<b>Other Liquids</b>	--	<b>9,678</b>	--	<b>51,560</b>	<b>115,593</b>	<b>-5,272</b>	<b>-1,377</b>	<b>166,369</b>	<b>7,184</b>	<b>-618</b>	<b>49,909</b>
Hydrogen/Oxygenates/Renewables/											
Other Hydrocarbons	--	9,678	--	6,598	54,910	10,640	782	79,354	1,690	0	4,210
Hydrogen	--	--	--	--	--	14,857	--	14,857	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	17	--	--	17	0	--
Renewable Fuels (including Fuel Ethanol)	--	9,678	--	6,598	54,910	-4,234	782	64,497	1,673	0	4,210
Fuel Ethanol	--	6,699	--	756	51,708	-225	-45	57,608	1,375	0	2,434
Renewable Fuels Except Fuel Ethanol	--	2,979	--	5,842	3,202	-4,009	827	6,889	298	0	1,776
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	34,466	--	--	-2,457	36,499	1,042	-618	18,572
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	10,496	60,683	-15,913	298	50,516	4,452	0	27,127
Reformulated	--	--	--	727	29,677	-1,472	1,110	27,818	4	0	14,324
Conventional	--	--	--	9,769	31,006	-14,441	-812	22,698	4,448	0	12,803
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	--	--	<b>1,104,242</b>	<b>59,502</b>	<b>27,314</b>	<b>19,583</b>	<b>-271</b>	--	<b>119,206</b>	<b>1,091,706</b>	<b>32,722</b>
Finished Motor Gasoline	--	--	587,543	1,022	4,449	16,138	242	--	18,769	590,141	2,159
Reformulated	--	--	408,669	--	--	-1,769	2	--	--	406,898	16
Conventional	--	--	178,874	1,022	4,449	17,907	240	--	18,769	183,243	2,143
Finished Aviation Gasoline	--	--	590	61	24	--	9	--	--	666	193
Kerosene-Type Jet Fuel	--	--	157,258	33,068	2,835	--	725	--	8,889	183,547	9,211
Kerosene	--	--	141	--	--	--	-7	--	28	120	47
Distillate Fuel Oil	--	--	201,977	5,020	13,909	3,445	-989	--	32,809	192,530	12,853
15 ppm sulfur and under	--	--	192,453	4,749	13,909	3,445	-815	--	24,341	191,029	11,888
Greater than 15 ppm to 500 ppm sulfur	--	--	3,695	54	--	--	-74	--	4,317	-494	267
Greater than 500 ppm sulfur	--	--	5,829	217	--	--	-100	--	4,151	1,995	698
Residual Fuel Oil <sup>6</sup>	--	--	39,276	17,684	599	--	328	--	12,826	44,405	4,482
Less than 0.31 percent sulfur	--	--	80	--	--	--	-150	--	NA	NA	134
0.31 to 1.00 percent sulfur	--	--	8,017	265	--	--	245	--	NA	NA	849
Greater than 1.00 percent sulfur	--	--	31,179	17,419	599	--	233	--	NA	NA	3,493
Petrochemical Feedstocks	--	--	44	416	--	--	-1	--	--	461	1
Naphtha for Petro. Feed. Use	--	--	44	416	--	--	-1	--	--	461	1
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	352	--	--	--	-33	--	--	385	29
Lubricants	--	--	4,866	197	-112	--	-418	--	2,279	3,090	592
Waxes	--	--	--	527	--	--	--	--	79	448	--
Petroleum Coke	--	--	54,339	354	720	--	-251	--	42,931	12,733	1,213
Marketable	--	--	42,117	354	720	--	-251	--	42,931	511	1,213
Catalyst	--	--	12,222	--	--	--	--	--	--	12,222	--
Asphalt and Road Oil	--	--	9,141	1,153	4,890	--	108	--	486	14,590	1,861
Still Gas	--	--	44,022	--	--	--	--	--	--	44,022	--
Miscellaneous Products	--	--	4,693	--	--	--	16	--	109	4,568	81
<b>Total</b>	<b>394,814</b>	<b>9,522</b>	<b>1,124,649</b>	<b>546,326</b>	<b>203,070</b>	<b>29,048</b>	<b>-4,407</b>	<b>1,054,849</b>	<b>145,051</b>	<b>1,111,936</b>	<b>138,745</b>

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, ethanol, and biodiesel.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>6</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 12. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, 2016**  
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>
<b>Crude Oil</b>	1,015	--	--	1,162	135	40	-7	2,349	10	0
<b>Hydrocarbon Gas Liquids</b>	63	0	56	27	30	--	-1	79	41	57
Natural Gas Liquids	63	0	46	27	30	--	-1	79	41	47
Ethane	0	--	--	--	--	--	--	--	--	0
Propane	11	--	37	24	11	--	0	--	29	54
Normal Butane	11	--	6	3	14	--	-1	30	11	-6
Isobutane	11	--	3	0	5	--	0	23	0	-4
Natural Gasoline	30	0	--	--	--	--	0	25	1	3
Refinery Olefins	--	--	10	0	--	--	0	--	--	10
Ethylene	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	10	0	--	--	0	--	--	10
Butylene	--	--	0	--	--	--	0	--	--	0
Isobutylene	--	--	--	--	--	--	0	--	--	0
<b>Other Liquids</b>	--	26	--	141	316	-14	-4	455	20	-2
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	26	--	18	150	29	2	217	5	0
Hydrogen	--	--	--	--	--	41	--	41	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	26	--	18	150	-12	2	176	5	0
Fuel Ethanol	--	18	--	2	141	-1	0	157	4	0
Renewable Fuels Except Fuel Ethanol	--	8	--	16	9	-11	2	19	1	0
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	94	--	--	-7	100	3	-2
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	29	166	-43	1	138	12	0
Reformulated	--	--	--	2	81	-4	3	76	0	0
Conventional	--	--	--	27	85	-39	-2	62	12	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	--	--	3,017	163	75	54	-1	--	326	2,983
Finished Motor Gasoline	--	--	1,605	3	12	44	1	--	51	1,612
Reformulated	--	--	1,117	--	--	-5	0	--	--	1,112
Conventional	--	--	489	3	12	49	1	--	51	501
Finished Aviation Gasoline	--	--	2	0	0	--	0	--	--	2
Kerosene-Type Jet Fuel	--	--	430	90	8	--	2	--	24	501
Kerosene	--	--	0	--	--	--	0	--	0	0
Distillate Fuel Oil	--	--	552	14	38	9	-3	--	90	526
15 ppm sulfur and under	--	--	526	13	38	9	-2	--	67	522
Greater than 15 ppm to 500 ppm sulfur	--	--	10	0	--	--	0	--	12	-1
Greater than 500 ppm sulfur	--	--	16	1	--	--	0	--	11	5
Residual Fuel Oil <sup>6</sup>	--	--	107	48	2	--	1	--	35	121
Less than 0.31 percent sulfur	--	--	0	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	22	1	--	--	1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	85	48	2	--	1	--	NA	NA
Petrochemical Feedstocks	--	--	0	1	--	--	0	--	--	1
Naphtha for Petro. Feed. Use	--	--	0	1	--	--	0	--	--	1
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	1	--	--	--	0	--	--	1
Lubricants	--	--	13	1	0	--	-1	--	6	8
Waxes	--	--	--	1	--	--	--	--	0	1
Petroleum Coke	--	--	148	1	2	--	-1	--	117	35
Marketable	--	--	115	1	2	--	-1	--	117	1
Catalyst	--	--	33	--	--	--	--	--	--	33
Asphalt and Road Oil	--	--	25	3	13	--	0	--	1	40
Still Gas	--	--	120	--	--	--	--	--	--	120
Miscellaneous Products	--	--	13	--	--	--	0	--	0	12
<b>Total</b>	<b>1,079</b>	<b>26</b>	<b>3,073</b>	<b>1,493</b>	<b>555</b>	<b>79</b>	<b>-12</b>	<b>2,882</b>	<b>396</b>	<b>3,038</b>

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, ethanol, and biodiesel.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>6</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks.

Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 13. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, 2016**  
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
<b>Supply</b>							
Field Production .....	15,956	614,396	1,995,770	242,365	371,673	3,240,159	8,853
Alaskan .....	--	--	--	--	--	179,169	490
Lower 48 States .....	--	--	--	--	--	3,060,990	8,363
Imports (PAD District of Entry) .....	306,376	871,984	1,150,858	118,771	425,219	2,873,208	7,850
Commercial .....	306,376	871,984	1,150,858	118,771	425,219	2,873,208	7,850
Strategic Petroleum Reserve (SPR) .....	--	--	--	--	--	--	--
Net Receipts .....	75,318	-14,357	23,602	-133,929	49,365	--	--
Adjustments <sup>1</sup> .....	68,214	-100,765	80,878	-397	14,738	62,667	171
<b>Disposition</b>							
Stock Change <sup>2</sup> .....	-2,339	7,247	29,310	3,586	-2,439	35,365	97
Commercial .....	--	--	29,347	--	--	35,402	97
SPR .....	--	--	-37	--	--	-37	0
Refinery Inputs .....	405,496	1,325,128	3,115,203	218,870	859,698	5,924,395	16,187
Exports .....	62,707	38,883	106,596	4,353	3,736	216,274	591
<b>Ending Stocks</b>							
Total .....	13,812	151,751	939,104	23,332	51,705	1,179,704	--
Commercial .....	13,812	151,751	244,022	23,332	51,705	484,622	--
Refinery .....	8,847	13,872	42,318	2,605	25,114	92,756	--
Tank Farms and Pipelines .....	4,965	137,879	201,704	20,727	22,557	387,832	--
Cushing, Oklahoma .....	--	67,740	--	--	--	67,740	--
Lease .....	--	--	--	--	--	--	--
Alaskan Crude Oil In-Transit by Water .....	--	--	--	--	4,034	4,034	--
SPR .....	--	--	695,082	--	--	695,082	--
<b>SPR Stocks</b>							
Percent of Total Crude Oil Stocks (Percent) .....	--	--	--	--	--	58.9	--
Percent of Total Petroleum Stocks (Percent) .....	--	--	--	--	--	34.2	--
Days of Total Petroleum Net Imports (Days) .....	--	--	--	--	--	145	--
<b>SPR Receipts Detail</b>							
Receipts .....	--	--	--	--	--	--	--
Domestic .....	--	--	--	--	--	--	--
Imports .....	--	--	--	--	--	--	--
Imported by SPR .....	--	--	--	--	--	--	--
Imported for SPR by Others .....	--	--	--	--	--	--	--
<b>Imports</b>							
PAD District of Entry .....	306,376	871,984	1,150,858	118,771	425,219	2,873,208	7,850
PAD District of Processing .....	311,268	803,230	1,232,376	96,485	429,849	2,873,208	7,850

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> Crude oil adjustment was previously referred to as Unaccounted-for Crude Oil.

<sup>2</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

Notes: Totals may not equal the sum of components due to independent rounding. Values of Domestic Crude Oil Field Production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," and EIA-817, "Monthly Tanker and Barge Movements Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 14. Production of Crude Oil by PAD District and State, 2016**  
(Thousand Barrels)

PAD District and State	2016	
	Total	Daily Average
<b>PAD District 1</b> .....	<b>15,956</b>	<b>44</b>
Florida .....	1,934	5
New York .....	222	1
Pennsylvania .....	6,306	17
Virginia .....	7	0
West Virginia .....	7,486	20
<b>PAD District 2</b> .....	<b>614,396</b>	<b>1,679</b>
Illinois .....	8,639	24
Indiana .....	1,817	5
Kansas .....	38,053	104
Kentucky .....	2,595	7
Michigan .....	5,616	15
Missouri .....	123	0
Nebraska .....	2,258	6
North Dakota .....	377,968	1,033
Ohio .....	22,010	60
Oklahoma .....	153,653	420
South Dakota .....	1,407	4
Tennessee .....	257	1
<b>PAD District 3</b> .....	<b>1,995,770</b>	<b>5,453</b>
Alabama .....	8,107	22
Arkansas .....	4,035	11
Louisiana .....	56,432	154
Mississippi .....	20,385	56
New Mexico .....	146,026	399
Texas .....	1,176,041	3,213
Federal Offshore PAD District 3 .....	584,744	1,598
<b>PAD District 4</b> .....	<b>242,365</b>	<b>662</b>
Colorado .....	115,897	317
Idaho .....	-	-
Montana .....	23,187	63
Utah .....	30,522	83
Wyoming .....	72,544	198
<b>PAD District 5</b> .....	<b>371,673</b>	<b>1,015</b>
Alaska .....	179,169	490
South Alaska .....	5,643	15
North Slope .....	173,527	474
Arizona .....	8	0
California .....	186,079	508
Nevada .....	277	1
Federal Offshore PAD District 5 .....	6,140	17
<b>U.S. Total</b> .....	<b>3,240,159</b>	<b>8,853</b>

- = No Data Reported.

Note: Year-to-date totals include revised monthly production estimates by state published in Petroleum Navigator. Crude oil production quantities are estimated by state and summed to the PADD and the U.S. level. State production estimates reported by EIA are normally different from data reported by state agencies. For example, production estimates for Texas reported on table 26 are different from production reported by the Railroad Commission of Texas. See EIA "Today In Energy" article released on July 10, 2015 for an explanation of differences in production data for Texas. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," state government agencies, U.S. Department of the Interior, and the Bureau of Ocean Energy Management.

**Table 15. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, 2016**  
(Thousand Barrels)

Commodity	Production						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
<b>Hydrocarbon Gas Liquids</b> .....	<b>165</b>	<b>131,873</b>	<b>132,038</b>	<b>70,254</b>	<b>74,683</b>	<b>140,108</b>	<b>285,045</b>
Natural Gas Liquids .....	165	131,873	132,038	70,254	74,683	140,108	285,045
Ethane .....	-	54,702	54,702	21,642	20,099	44,097	85,838
Propane .....	56	44,059	44,115	29,514	28,944	50,845	109,303
Normal Butane .....	109	13,412	13,521	7,149	12,656	15,531	35,336
Isobutane .....	-	6,563	6,563	6,031	3,111	10,783	19,925
Natural Gasoline .....	-	13,137	13,137	5,918	9,873	18,852	34,643

Commodity	Production								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
<b>Hydrocarbon Gas Liquids</b> .....	<b>496,438</b>	<b>72,402</b>	<b>67,031</b>	<b>12,401</b>	<b>62,602</b>	<b>710,874</b>	<b>133,259</b>	<b>23,141</b>	<b>1,284,357</b>
Natural Gas Liquids .....	496,438	72,402	67,031	12,401	62,602	710,874	133,259	23,141	1,284,357
Ethane .....	205,542	34,128	25,464	3,026	23,802	291,962	33,296	20	465,818
Propane .....	153,484	20,255	21,516	3,616	20,547	219,418	49,957	4,034	426,827
Normal Butane .....	51,974	-32,849	7,502	1,655	6,517	34,799	19,607	4,076	107,339
Isobutane .....	31,254	44,480	4,758	1,200	4,350	86,042	8,939	4,180	125,649
Natural Gasoline .....	54,184	6,388	7,791	2,904	7,386	78,653	21,460	10,831	158,724

Commodity	Stocks						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
<b>Hydrocarbon Gas Liquids</b> .....	<b>6</b>	<b>252</b>	<b>258</b>	<b>938</b>	<b>143</b>	<b>397</b>	<b>1,478</b>
Natural Gas Liquids .....	6	252	258	938	143	397	1,478
Ethane .....	-	-	-	82	2	96	180
Propane .....	3	135	138	547	46	116	709
Normal Butane .....	3	42	45	113	42	82	237
Isobutane .....	-	15	15	117	11	35	163
Natural Gasoline .....	-	60	60	79	42	68	189

Commodity	Stocks								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
<b>Hydrocarbon Gas Liquids</b> .....	<b>166</b>	<b>3,348</b>	<b>480</b>	<b>25</b>	<b>-</b>	<b>4,019</b>	<b>126</b>	<b>255</b>	<b>6,136</b>
Natural Gas Liquids .....	166	3,348	480	25	-	4,019	126	255	6,136
Ethane .....	1	741	-	-	-	742	-	-	922
Propane .....	81	1,875	24	15	-	1,995	49	15	2,906
Normal Butane .....	49	336	186	6	-	577	30	186	1,075
Isobutane .....	8	382	84	-	-	474	9	27	688
Natural Gasoline .....	27	14	186	4	-	231	38	27	545

- = No Data Reported.  
Note: Refer to Appendix A for Refining District descriptions.  
Sources: Energy Information Administration (EIA) Form EIA-816, "Monthly Natural Gas Liquids Report."

**Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, 2016**  
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
<b>Crude Oil</b> .....	<b>371,310</b>	<b>34,186</b>	<b>405,496</b>	<b>846,547</b>	<b>179,000</b>	<b>299,581</b>	<b>1,325,128</b>
<b>Hydrocarbon Gas Liquids</b> .....	<b>13,324</b>	<b>79</b>	<b>13,403</b>	<b>24,012</b>	<b>1,848</b>	<b>13,978</b>	<b>39,838</b>
Natural Gas Liquids .....	13,324	79	13,403	24,012	1,848	13,978	39,838
Normal Butane .....	7,324	79	7,403	7,900	1,152	2,962	12,014
Isobutane .....	4,461	-	4,461	13,367	595	5,342	19,304
Natural Gasoline .....	1,539	-	1,539	2,745	101	5,674	8,520
<b>Other Liquids</b> .....	<b>910,888</b>	<b>78,440</b>	<b>989,328</b>	<b>154,272</b>	<b>42,981</b>	<b>34,041</b>	<b>231,294</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	117,672	9,714	127,386	70,337	18,204	21,824	110,365
Hydrogen .....	1,149	97	1,246	8,111	2,945	1,974	13,030
Oxygenates (excluding Fuel Ethanol) .....	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE) .....	-	-	-	-	-	-	-
All Other Oxygenates <sup>1</sup> .....	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol) .....	116,523	9,617	126,140	61,768	15,259	19,850	96,877
Fuel Ethanol .....	113,060	8,866	121,926	58,424	14,064	18,699	91,187
Renewable Diesel Fuel .....	3,463	751	4,214	3,344	1,195	1,151	5,690
Other Renewable Fuels .....	-	-	-	-	-	-	-
Other Hydrocarbons .....	-	-	-	458	-	-	458
Unfinished Oils (net) .....	19,008	-818	18,190	-2,328	-1,836	32	-4,132
Naphthas and Lighter .....	9,201	-280	8,921	3,700	-1,746	479	2,433
Kerosene and Light Gas Oils .....	-2,657	-13	-2,670	-4,520	-136	206	-4,450
Heavy Gas Oils .....	9,227	-499	8,728	724	46	1,362	2,132
Residuum .....	3,237	-26	3,211	-2,232	-	-2,015	-4,247
Motor Gasoline Blend.Comp. (MGBC)(net) .....	774,208	69,544	843,752	86,263	26,613	12,185	125,061
Reformulated - RBOB .....	205,249	3,094	208,343	-7,295	11,959	10,312	14,976
Conventional .....	568,959	66,450	635,409	93,558	14,654	1,873	110,085
CBOB .....	469,249	66,396	535,645	96,676	14,339	1,916	112,931
GTAB .....	31,769	-	31,769	-	-	-	-
Other .....	67,941	54	67,995	-3,118	315	-43	-2,846
Aviation Gasoline Blend. Comp. (net) .....	-	-	-	-	-	-	-
<b>Total Input</b> .....	<b>1,295,522</b>	<b>112,705</b>	<b>1,408,227</b>	<b>1,024,831</b>	<b>223,829</b>	<b>347,600</b>	<b>1,596,260</b>

See footnotes at end of table.

**Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, 2016**  
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
<b>Crude Oil</b> .....	<b>249,234</b>	<b>1,525,835</b>	<b>1,215,698</b>	<b>80,129</b>	<b>44,307</b>	<b>3,115,203</b>	<b>218,870</b>	<b>859,698</b>	<b>5,924,395</b>
<b>Hydrocarbon Gas Liquids</b> .....	<b>7,331</b>	<b>52,398</b>	<b>44,073</b>	<b>1,184</b>	<b>2,083</b>	<b>107,069</b>	<b>7,189</b>	<b>28,782</b>	<b>196,281</b>
Natural Gas Liquids .....	7,331	52,398	44,073	1,184	2,083	107,069	7,189	28,782	196,281
Normal Butane .....	2,304	16,301	12,496	457	34	31,592	2,656	11,052	64,717
Isobutane .....	2,853	19,378	18,661	631	2,021	43,544	2,472	8,529	78,310
Natural Gasoline .....	2,174	16,719	12,916	96	28	31,933	2,061	9,201	53,254
<b>Other Liquids</b> .....	<b>107,927</b>	<b>-406,276</b>	<b>-356,526</b>	<b>88,281</b>	<b>-3,205</b>	<b>-569,799</b>	<b>1,866</b>	<b>166,369</b>	<b>819,058</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	24,707	38,039	28,344	13,837	2,841	107,768	14,099	79,354	438,972
Hydrogen .....	328	25,513	20,406	813	582	47,642	2,490	14,857	79,265
Oxygenates (excluding Fuel Ethanol) .....	-	1,062	-	-	-	1,062	-	-	1,062
Methyl Tertiary Butyl Ether (MTBE) .....	-	1,062	-	-	-	1,062	-	-	1,062
All Other Oxygenates <sup>1</sup> .....	-	-	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol) .....	24,379	11,464	7,938	13,024	2,259	59,064	11,609	64,497	358,187
Fuel Ethanol .....	23,374	10,058	5,567	12,116	1,942	53,057	10,989	57,608	334,767
Renewable Diesel Fuel .....	1,005	1,398	2,371	908	317	5,999	620	6,854	23,377
Other Renewable Fuels .....	-	8	-	-	-	8	-	35	43
Other Hydrocarbons .....	-	-	-	-	-	-	-	-	458
Unfinished Oils (net) .....	-1,731	19,677	80,536	-85	-606	97,791	-977	36,499	147,371
Naphthas and Lighter .....	-1,585	-45,671	-4,677	129	-321	-52,125	-504	-2,047	-43,322
Kerosene and Light Gas Oils .....	350	-20,467	8,528	-253	-78	-11,920	-1,867	2,486	-18,421
Heavy Gas Oils .....	5	75,511	52,100	452	-207	127,861	1,469	28,762	168,952
Residuum .....	-501	10,304	24,585	-413	-	33,975	-75	7,298	40,162
Motor Gasoline Blend.Comp. (MGBC)(net) .....	84,922	-463,992	-465,434	74,529	-5,440	-775,415	-11,256	50,516	232,658
Reformulated - RBOB .....	66,942	-121,079	-52,700	-	-8,296	-115,133	-	27,818	136,004
Conventional .....	17,980	-342,913	-412,734	74,529	2,856	-660,282	-11,256	22,698	96,654
CBOB .....	20,514	-371,213	-393,343	74,460	2,809	-666,773	-11,101	16,485	-12,813
GTAB .....	-	-	-	-	-	-	-	-	31,769
Other .....	-2,534	28,300	-19,391	69	47	6,491	-155	6,213	77,698
Aviation Gasoline Blend. Comp. (net) .....	29	-	28	-	-	57	-	-	57
<b>Total Input</b> .....	<b>364,492</b>	<b>1,171,957</b>	<b>903,245</b>	<b>169,594</b>	<b>43,185</b>	<b>2,652,473</b>	<b>227,925</b>	<b>1,054,849</b>	<b>6,939,734</b>

- = No Data Reported.

<sup>1</sup> Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal and Blender Report."

**Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, 2016**  
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids .....	11,152	-4	11,148	34,559	2,507	4,844	41,910
Natural Gas Liquids .....	6,278	-4	6,274	23,293	253	2,447	25,993
Ethane .....	-	-	-	-	-	-	-
Propane .....	7,927	239	8,166	18,627	2,806	5,533	26,966
Normal Butane .....	-1,596	16	-1,580	4,703	-1,914	-2,428	361
Isobutane .....	-53	-259	-312	-37	-639	-658	-1,334
Natural Gasoline .....	-	-	-	-	-	-	-
Refinery Olefins .....	4,874	-	4,874	11,266	2,254	2,397	15,917
Ethylene .....	156	-	156	-	-	-	-
Propylene .....	4,743	-	4,743	10,508	2,254	2,398	15,160
Butylene .....	-528	-	-528	758	-	-1	757
Isobutylene .....	503	-	503	-	-	-	-
Finished Motor Gasoline .....	1,089,518	91,471	1,180,989	621,332	135,854	198,100	955,286
Reformulated .....	472,275	3,322	475,597	104,034	18,274	13,201	135,509
Reformulated Blended with Fuel Ethanol .....	472,093	3,322	475,415	104,034	18,274	13,201	135,509
Reformulated Other .....	182	-	182	-	-	-	-
Conventional .....	617,243	88,149	705,392	517,298	117,580	184,899	819,777
Conventional Blended with Fuel Ethanol .....	650,199	85,661	735,860	474,482	121,773	171,204	767,459
Ed55 and Lower .....	649,837	85,661	735,498	474,391	121,534	170,775	766,700
Greater than Ed55 .....	362	-	362	91	239	429	759
Conventional Other .....	-32,956	2,488	-30,468	42,816	-4,193	13,695	52,318
Finished Aviation Gasoline .....	-	-	-	-	685	-	685
Kerosene-Type Jet Fuel .....	32,366	-	32,366	68,236	10,726	11,219	90,181
Kerosene .....	838	15	853	1,011	1	102	1,114
Distillate Fuel Oil .....	117,512	9,713	127,225	211,139	51,914	113,030	376,083
15 ppm sulfur and under .....	102,193	8,512	110,705	211,690	51,123	113,089	375,902
Greater than 15 ppm to 500 ppm sulfur .....	1,971	1,074	3,045	-631	367	1,190	926
Greater than 500 ppm sulfur .....	13,348	127	13,475	80	424	-1,249	-745
Residual Fuel Oil .....	16,910	102	17,012	13,801	3,875	1,169	18,845
Less than 0.31 percent sulfur .....	2,447	102	2,549	-	1,311	2	1,313
0.31 to 1.00 percent sulfur .....	1,974	-	1,974	1,684	745	-	2,429
Greater than 1.00 percent sulfur .....	12,489	-	12,489	12,117	1,819	1,167	15,103
Petrochemical Feedstocks .....	1,640	-	1,640	10,414	-24	195	10,585
Naphtha for Petro. Feed. Use .....	1,640	-	1,640	8,121	-24	-4	8,093
Other Oils for Petro. Feed. Use .....	-	-	-	2,293	-	199	2,492
Special Naphthas .....	-	256	256	398	-	150	548
Lubricants .....	2,645	2,165	4,810	-	-	3,252	3,252
Waxes .....	-	56	56	-	-	424	424
Petroleum Coke .....	12,870	222	13,092	48,911	9,643	10,868	69,422
Marketable .....	4,815	-	4,815	35,529	7,611	8,360	51,500
Catalyst .....	8,055	222	8,277	13,382	2,032	2,508	17,922
Asphalt and Road Oil .....	11,942	7,347	19,289	32,385	13,789	5,574	51,748
Still Gas .....	14,675	672	15,347	31,777	7,410	13,091	52,278
Miscellaneous Products .....	666	348	1,014	3,722	1,242	693	5,657
<b>Total .....</b>	<b>1,312,734</b>	<b>112,363</b>	<b>1,425,097</b>	<b>1,077,685</b>	<b>237,622</b>	<b>362,711</b>	<b>1,678,018</b>
Processing Gain(-) or Loss(+) <sup>1</sup> .....	<b>-17,212</b>	<b>342</b>	<b>-16,870</b>	<b>-52,854</b>	<b>-13,793</b>	<b>-15,111</b>	<b>-81,758</b>

See footnotes at end of table.

**Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, 2016**  
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids .....	8,782	78,782	64,399	469	365	152,797	4,874	20,407	231,136
Natural Gas Liquids .....	3,960	39,249	30,847	367	370	74,793	4,472	16,920	128,452
Ethane .....	14	1,120	82	—	—	1,216	—	—	1,216
Propane .....	3,740	29,632	26,191	269	547	60,379	3,369	13,409	112,289
Normal Butane .....	188	13,076	2,224	98	-177	15,409	893	2,311	17,394
Isobutane .....	18	-4,579	2,350	—	0	-2,211	210	1,200	-2,447
Natural Gasoline .....	—	—	—	—	—	—	—	—	—
Refinery Olefins .....	4,822	39,533	33,552	102	-5	78,004	402	3,487	102,684
Ethylene .....	—	109	—	—	—	109	—	—	265
Propylene .....	4,820	40,988	33,261	102	—	79,171	101	3,477	102,652
Butylene .....	2	-1,263	291	—	-5	-975	301	10	-435
Isobutylene .....	—	-301	—	—	—	-301	—	—	202
Finished Motor Gasoline .....	247,370	292,299	146,558	112,582	21,070	819,879	114,507	587,543	3,658,204
Reformulated .....	88,754	78,185	—	—	—	166,939	—	408,669	1,186,714
Reformulated Blended with Fuel Ethanol .....	88,754	78,185	—	—	—	166,939	—	408,669	1,186,532
Reformulated Other .....	—	—	—	—	—	—	—	—	182
Conventional .....	158,616	214,114	146,558	112,582	21,070	652,940	114,507	178,874	2,471,490
Conventional Blended with Fuel Ethanol .....	143,374	21,400	55,383	120,841	19,398	360,396	109,262	164,075	2,137,052
Ed55 and Lower .....	143,308	21,400	55,383	120,730	19,398	360,219	109,162	164,019	2,135,598
Greater than Ed55 .....	66	—	—	111	—	177	100	56	1,454
Conventional Other .....	15,242	192,714	91,175	-8,259	1,672	292,544	5,245	14,799	334,438
Finished Aviation Gasoline .....	903	838	987	—	—	2,728	56	590	4,059
Kerosene-Type Jet Fuel .....	16,668	149,397	143,503	2,015	—	311,583	12,511	157,258	603,899
Kerosene .....	1	226	2,699	132	—	3,058	1	141	5,167
Distillate Fuel Oil .....	74,604	462,275	407,665	29,028	18,570	992,142	71,908	201,977	1,769,335
15 ppm sulfur and under .....	74,205	440,641	341,006	28,597	18,570	903,019	71,558	192,453	1,653,637
Greater than 15 ppm to 500 ppm sulfur .....	5	5,838	29,888	420	—	36,151	381	3,695	44,198
Greater than 500 ppm sulfur .....	394	15,796	36,771	11	—	52,972	-31	5,829	71,500
Residual Fuel Oil .....	3,282	27,863	42,315	-656	1,131	73,935	3,787	39,276	152,855
Less than 0.31 percent sulfur .....	2,577	-1	8,707	—	—	11,283	2,127	80	17,352
0.31 to 1.00 percent sulfur .....	—	2,059	3,878	-656	268	5,549	243	8,017	18,212
Greater than 1.00 percent sulfur .....	705	25,805	29,730	—	863	57,103	1,417	31,179	117,291
Petrochemical Feedstocks .....	1,538	66,987	25,687	77	—	94,289	—	44	106,558
Naphtha for Petro. Feed. Use .....	1,432	47,148	11,725	77	—	60,382	—	44	70,159
Other Oils for Petro. Feed. Use .....	106	19,839	13,962	—	—	33,907	—	—	36,399
Special Naphthas .....	1,086	8,019	—	2,379	—	11,484	—	352	12,640
Lubricants .....	390	19,620	18,345	9,271	—	47,626	—	4,866	60,554
Waxes .....	—	475	469	310	—	1,254	—	—	1,734
Petroleum Coke .....	5,671	103,590	75,549	1,631	622	187,063	9,208	54,339	333,124
Marketable .....	2,702	79,262	59,318	1,450	—	142,732	6,361	42,117	247,525
Catalyst .....	2,969	24,328	16,231	181	622	44,331	2,847	12,222	85,599
Asphalt and Road Oil .....	2,844	3,981	9,685	11,218	472	28,200	12,580	9,141	120,958
Still Gas .....	9,581	70,677	51,188	2,222	989	134,657	8,937	44,022	255,241
Miscellaneous Products .....	1,161	11,811	7,338	196	426	20,932	1,151	4,693	33,447
<b>Total .....</b>	<b>373,881</b>	<b>1,296,840</b>	<b>996,387</b>	<b>170,874</b>	<b>43,645</b>	<b>2,881,627</b>	<b>239,520</b>	<b>1,124,649</b>	<b>7,348,911</b>
Processing Gain(-) or Loss(+) <sup>1</sup> .....	<b>-9,389</b>	<b>-124,883</b>	<b>-93,142</b>	<b>-1,280</b>	<b>-460</b>	<b>-229,154</b>	<b>-11,595</b>	<b>-69,800</b>	<b>-409,177</b>

— = No Data Reported.

<sup>1</sup> Represents the arithmetic difference between refinery input and production divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal and Blender Report."

**Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, 2016**  
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
<b>Crude Oil</b> .....	<b>371,310</b>	<b>34,186</b>	<b>405,496</b>	<b>846,547</b>	<b>179,000</b>	<b>299,581</b>	<b>1,325,128</b>
<b>Hydrocarbon Gas Liquids</b> .....	<b>6,210</b>	<b>-</b>	<b>6,210</b>	<b>22,743</b>	<b>1,080</b>	<b>10,482</b>	<b>34,305</b>
Natural Gas Liquids .....	6,210	-	6,210	22,743	1,080	10,482	34,305
Normal Butane .....	1,749	-	1,749	6,631	485	172	7,288
Isobutane .....	4,461	-	4,461	13,367	595	5,342	19,304
Natural Gasoline .....	-	-	-	2,745	-	4,968	7,713
<b>Other Liquids</b> .....	<b>-165,991</b>	<b>712</b>	<b>-165,279</b>	<b>-384,464</b>	<b>-68,839</b>	<b>-132,293</b>	<b>-585,596</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	2,049	1,485	3,534	11,582	5,019	3,126	19,727
Hydrogen .....	1,149	97	1,246	8,111	2,945	1,974	13,030
Oxygenates (excluding Fuel Ethanol) .....	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE) .....	-	-	-	-	-	-	-
All Other Oxygenates <sup>1</sup> .....	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol) .....	900	1,388	2,288	3,013	2,074	1,152	6,239
Fuel Ethanol .....	900	1,137	2,037	1,923	1,758	1,091	4,772
Renewable Diesel Fuel .....	-	251	251	1,090	316	61	1,467
Other Renewable Fuels .....	-	-	-	-	-	-	-
Other Hydrocarbons .....	-	-	-	458	-	-	458
Unfinished Oils (net) .....	18,943	-805	18,138	-2,310	-1,836	32	-4,114
Naphthas and Lighter .....	9,141	-280	8,861	3,700	-1,746	479	2,433
Kerosene and Light Gas Oils .....	-2,659	-	-2,659	-3,708	-136	206	-3,638
Heavy Gas Oils .....	9,224	-499	8,725	706	46	1,362	2,114
Residuum .....	3,237	-26	3,211	-3,008	-	-2,015	-5,023
Motor Gasoline Blend.Comp. (MGBC)(net) .....	-186,983	32	-186,951	-393,736	-72,022	-135,451	-601,209
Reformulated - RBOB .....	-122,703	-	-122,703	-98,045	-4,443	-1,534	-104,022
Conventional .....	-64,280	32	-64,248	-295,691	-67,579	-133,917	-497,187
CBOB .....	-61,536	-21	-61,557	-292,333	-67,704	-133,870	-493,907
GTAB .....	-	-	-	-	-	-	-
Other .....	-2,744	53	-2,691	-3,358	125	-47	-3,280
Aviation Gasoline Blend. Comp. (net) .....	-	-	-	-	-	-	-
<b>Total Input to Refineries</b> .....	<b>211,529</b>	<b>34,898</b>	<b>246,427</b>	<b>484,826</b>	<b>111,241</b>	<b>177,770</b>	<b>773,837</b>
<b>Atmospheric Crude Oil Distillation</b>							
Gross Input (daily average) .....	1,013	94	1,107	2,310	490	820	3,619
Operable Capacity (daily average) .....	1,179	98	1,278	2,568	510	861	3,939
Operable Utilization Rate (percent) <sup>2</sup> .....	85.9	95.5	86.7	90.0	96.0	95.1	91.9
<b>Downstream Processing</b>							
<b>Fresh Feed Input (daily average)</b>							
Catalytic Reforming .....	169	16	186	430	68	156	653
Catalytic Cracking .....	390	15	405	741	142	212	1,095
Catalytic Hydrocracking .....	33	-	33	177	47	50	274
Delayed and Fluid Coking .....	53	-	53	330	60	83	473
<b>Crude Oil Qualities</b>							
Sulfur Content, Weighted Average (percent) .....	0.82	1.59	0.88	1.70	2.02	0.88	1.56
API Gravity, Weighted Average (degrees) .....	33.61	32.66	33.53	31.54	29.78	36.99	32.50
<b>Operable Capacity (daily average)</b> .....	<b>1,179</b>	<b>98</b>	<b>1,278</b>	<b>2,568</b>	<b>510</b>	<b>861</b>	<b>3,939</b>
Operating .....	1,155	98	1,254	2,528	495	850	3,873
Idle .....	24	-	24	39	15	12	66
<b>Alaskan Crude Oil Receipts</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

See footnotes at end of table.

**Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, 2016**  
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
<b>Crude Oil</b> .....	<b>249,234</b>	<b>1,525,835</b>	<b>1,215,698</b>	<b>80,129</b>	<b>44,307</b>	<b>3,115,203</b>	<b>218,870</b>	<b>859,698</b>	<b>5,924,395</b>
<b>Hydrocarbon Gas Liquids</b> .....	<b>6,873</b>	<b>48,470</b>	<b>43,028</b>	<b>897</b>	<b>2,083</b>	<b>101,351</b>	<b>6,423</b>	<b>28,691</b>	<b>176,980</b>
Natural Gas Liquids .....	6,873	48,470	43,028	897	2,083	101,351	6,423	28,691	176,980
Normal Butane .....	1,985	13,748	11,451	170	34	27,388	2,185	10,961	49,571
Isobutane .....	2,853	19,378	18,661	631	2,021	43,544	2,472	8,529	78,310
Natural Gasoline .....	2,035	15,344	12,916	96	28	30,419	1,766	9,201	49,099
<b>Other Liquids</b> .....	<b>-98,662</b>	<b>-546,483</b>	<b>-392,481</b>	<b>-19,201</b>	<b>-16,832</b>	<b>-1,073,659</b>	<b>-51,351</b>	<b>-380,390</b>	<b>-2,256,275</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	3,027	27,535	23,627	1,573	1,176	56,938	6,553	17,907	104,659
Hydrogen .....	328	25,513	20,406	813	582	47,642	2,490	14,857	79,265
Oxygenates (excluding Fuel Ethanol) .....	-	1,062	-	-	-	1,062	-	-	1,062
Methyl Tertiary Butyl Ether (MTBE) .....	-	1,062	-	-	-	1,062	-	-	1,062
All Other Oxygenates <sup>1</sup> .....	-	-	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol) .....	2,699	960	3,221	760	594	8,234	4,063	3,050	23,874
Fuel Ethanol .....	2,295	557	1,936	410	574	5,772	3,634	1,054	17,269
Renewable Diesel Fuel .....	404	395	1,285	350	20	2,454	429	1,961	6,562
Other Renewable Fuels .....	-	8	-	-	-	8	-	35	43
Other Hydrocarbons .....	-	-	-	-	-	-	-	-	458
Unfinished Oils (net) .....	-1,731	19,677	80,756	-85	-606	98,011	-977	36,499	147,557
Naphthas and Lighter .....	-1,585	-45,671	-4,677	129	-321	-52,125	-504	-2,047	-43,382
Kerosene and Light Gas Oils .....	350	-20,467	8,442	-253	-78	-12,006	-1,867	2,486	-17,684
Heavy Gas Oils .....	5	75,511	52,406	452	-207	128,167	1,469	28,762	169,237
Residuum .....	-501	10,304	24,585	-413	-	33,975	-75	7,298	39,386
Motor Gasoline Blend.Comp. (MGBC)(net) .....	-99,987	-593,695	-496,892	-20,689	-17,402	-1,228,665	-56,927	-434,796	-2,508,548
Reformulated - RBOB .....	-12,710	-176,563	-52,700	-	-8,296	-250,269	-	-333,039	-810,033
Conventional .....	-87,277	-417,132	-444,192	-20,689	-9,106	-978,396	-56,927	-101,757	-1,698,515
CBOB .....	-84,743	-362,623	-415,416	-20,359	-9,153	-892,294	-56,687	-107,460	-1,611,905
GTAB .....	-	-	-	-	-	-	-	-	-
Other .....	-2,534	-54,509	-28,776	-330	47	-86,102	-240	5,703	-86,610
Aviation Gasoline Blend. Comp. (net) .....	29	-	28	-	-	57	-	-	57
<b>Total Input to Refineries</b> .....	<b>157,445</b>	<b>1,027,822</b>	<b>866,245</b>	<b>61,825</b>	<b>29,558</b>	<b>2,142,895</b>	<b>173,942</b>	<b>507,999</b>	<b>3,845,100</b>
<b>Atmospheric Crude Oil Distillation</b>									
Gross Input (daily average) .....	674	4,216	3,465	199	121	8,675	596	2,517	16,514
Operable Capacity (daily average) .....	704	4,804	3,696	243	128	9,574	687	2,924	18,402
Operable Utilization Rate (percent) <sup>2</sup> .....	95.8	87.8	93.8	81.7	95.0	90.6	86.7	86.1	89.7
<b>Downstream Processing</b>									
<b>Fresh Feed Input (daily average)</b>									
Catalytic Reforming .....	147	665	557	32	23	1,424	100	413	2,775
Catalytic Cracking .....	181	1,361	1,033	19	35	2,628	163	699	4,989
Catalytic Hydrocracking .....	50	489	427	18	-	984	23	469	1,784
Delayed and Fluid Coking .....	28	747	553	23	-	1,351	67	452	2,396
<b>Crude Oil Qualities</b>									
Sulfur Content, Weighted Average (percent) .....	0.66	1.66	1.49	1.48	0.66	1.49	1.38	1.30	1.43
API Gravity, Weighted Average (degrees) .....	39.52	30.65	30.19	31.96	38.63	31.34	33.36	28.05	31.31
<b>Operable Capacity (daily average)</b> .....	<b>704</b>	<b>4,804</b>	<b>3,696</b>	<b>243</b>	<b>128</b>	<b>9,574</b>	<b>687</b>	<b>2,924</b>	<b>18,402</b>
Operating .....	704	4,797	3,677	241	128	9,546	669	2,795	18,136
Idle .....	-	7	19	2	-	29	17	129	265
<b>Alaskan Crude Oil Receipts</b> .....	-	-	-	-	-	-	-	<b>173,215</b>	<b>173,215</b>

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

<sup>2</sup> Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

**Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, 2016**  
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids .....	11,152	-4	11,148	34,559	2,507	4,844	41,910
Natural Gas Liquids .....	6,278	-4	6,274	23,293	253	2,447	25,993
Ethane .....	-	-	-	-	-	-	-
Propane .....	7,927	239	8,166	18,627	2,806	5,533	26,966
Normal Butane .....	-1,596	16	-1,580	4,703	-1,914	-2,428	361
Isobutane .....	-53	-259	-312	-37	-639	-658	-1,334
Natural Gasoline .....	-	-	-	-	-	-	-
Refinery Olefins .....	4,874	-	4,874	11,266	2,254	2,397	15,917
Ethylene .....	156	-	156	-	-	-	-
Propylene .....	4,743	-	4,743	10,508	2,254	2,398	15,160
Butylene .....	-528	-	-528	758	-	-1	757
Isobutylene .....	503	-	503	-	-	-	-
Finished Motor Gasoline .....	8,964	14,153	23,117	83,793	24,128	29,335	137,256
Reformulated .....	8,964	-	8,964	-	-	-	-
Reformulated Blended with Fuel Ethanol .....	8,964	-	8,964	-	-	-	-
Reformulated Other .....	-	-	-	-	-	-	-
Conventional .....	-	14,153	14,153	83,793	24,128	29,335	137,256
Conventional Blended with Fuel Ethanol .....	-	11,506	11,506	19,615	17,676	11,383	48,674
Ed55 and Lower .....	-	11,506	11,506	19,615	17,676	11,383	48,674
Greater than Ed55 .....	-	-	-	-	-	-	-
Conventional Other .....	-	2,647	2,647	64,178	6,452	17,952	88,582
Finished Aviation Gasoline .....	-	-	-	-	685	-	685
Kerosene-Type Jet Fuel .....	32,132	-	32,132	68,346	10,736	11,223	90,305
Kerosene .....	817	15	832	1,014	-	102	1,116
Distillate Fuel Oil .....	114,240	9,221	123,461	209,396	51,056	111,978	372,430
15 ppm sulfur and under .....	102,021	8,020	110,041	209,946	50,265	112,038	372,249
Greater than 15 ppm to 500 ppm sulfur .....	754	994	1,748	-630	367	-9	-272
Greater than 500 ppm sulfur .....	11,465	207	11,672	80	424	-51	453
Residual Fuel Oil .....	17,090	102	17,192	13,852	3,875	1,384	19,111
Less than 0.31 percent sulfur .....	2,797	102	2,899	-	1,311	2	1,313
0.31 to 1.00 percent sulfur .....	1,962	-	1,962	1,684	745	-	2,429
Greater than 1.00 percent sulfur .....	12,331	-	12,331	12,168	1,819	1,382	15,369
Petrochemical Feedstocks .....	1,640	-	1,640	10,414	-24	195	10,585
Naphtha for Petro. Feed. Use .....	1,640	-	1,640	8,121	-24	-4	8,093
Other Oils for Petro. Feed. Use .....	-	-	-	2,293	-	199	2,492
Special Naphthas .....	-	256	256	398	-	150	548
Lubricants .....	2,645	2,165	4,810	-	-	3,252	3,252
Waxes .....	-	56	56	-	-	424	424
Petroleum Coke .....	12,870	222	13,092	48,911	9,643	10,868	69,422
Marketable .....	4,815	-	4,815	35,529	7,611	8,360	51,500
Catalyst .....	8,055	222	8,277	13,382	2,032	2,508	17,922
Asphalt and Road Oil .....	11,846	7,347	19,193	31,539	13,779	5,330	50,648
Still Gas .....	14,675	672	15,347	31,777	7,410	13,091	52,278
Miscellaneous Products .....	666	348	1,014	3,722	1,242	693	5,657
<b>Total .....</b>	<b>228,737</b>	<b>34,553</b>	<b>263,290</b>	<b>537,721</b>	<b>125,037</b>	<b>192,869</b>	<b>855,627</b>
Processing Gain(-) or Loss(+) <sup>1</sup> .....	-17,208	345	-16,863	-52,895	-13,796	-15,099	-81,790

See footnotes at end of table.

**Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, 2016**  
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids .....	8,782	78,782	64,399	469	365	152,797	4,874	20,407	231,136
Natural Gas Liquids .....	3,960	39,249	30,847	367	370	74,793	4,472	16,920	128,452
Ethane .....	14	1,120	82	—	—	1,216	—	—	1,216
Propane .....	3,740	29,632	26,191	269	547	60,379	3,369	13,409	112,289
Normal Butane .....	188	13,076	2,224	98	-177	15,409	893	2,311	17,394
Isobutane .....	18	-4,579	2,350	—	0	-2,211	210	1,200	-2,447
Natural Gasoline .....	—	—	—	—	—	—	—	—	—
Refinery Olefins .....	4,822	39,533	33,552	102	-5	78,004	402	3,487	102,684
Ethylene .....	—	109	—	—	—	109	—	—	265
Propylene .....	4,820	40,988	33,261	102	—	79,171	101	3,477	102,652
Butylene .....	2	-1,263	291	—	-5	-975	301	10	-435
Isobutylene .....	—	-301	—	—	—	-301	—	—	202
Finished Motor Gasoline .....	40,933	149,187	110,433	5,371	7,743	313,667	60,729	45,558	580,327
Reformulated .....	—	—	—	—	—	—	—	7,702	16,666
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	7,702	16,666
Reformulated Other .....	—	—	—	—	—	—	—	—	—
Conventional .....	40,933	149,187	110,433	5,371	7,743	313,667	60,729	37,856	563,661
Conventional Blended with Fuel Ethanol .....	22,966	5,577	19,135	4,633	5,602	57,913	36,688	2,865	157,646
Ed55 and Lower .....	22,928	5,577	19,135	4,633	5,602	57,875	36,688	2,865	157,608
Greater than Ed55 .....	38	—	—	—	—	38	—	—	38
Conventional Other .....	17,967	143,610	91,298	738	2,141	255,754	24,041	34,991	406,015
Finished Aviation Gasoline .....	903	838	987	—	—	2,728	56	611	4,080
Kerosene-Type Jet Fuel .....	16,668	149,475	143,337	2,015	—	311,495	12,066	157,656	603,654
Kerosene .....	1	227	2,687	132	—	3,047	1	-4	4,992
Distillate Fuel Oil .....	74,006	461,173	406,919	28,472	18,273	988,843	72,164	196,820	1,753,718
15 ppm sulfur and under .....	73,607	440,213	340,234	28,042	18,273	900,369	71,814	187,542	1,642,015
Greater than 15 ppm to 500 ppm sulfur .....	5	5,718	29,914	420	—	36,057	381	3,696	41,610
Greater than 500 ppm sulfur .....	394	15,242	36,771	10	—	52,417	-31	5,582	70,093
Residual Fuel Oil .....	3,282	27,863	42,620	-656	1,131	74,240	3,787	39,276	153,606
Less than 0.31 percent sulfur .....	2,577	—	8,707	—	—	11,284	2,127	80	17,703
0.31 to 1.00 percent sulfur .....	—	2,133	3,824	-656	268	5,569	243	8,017	18,220
Greater than 1.00 percent sulfur .....	705	25,730	30,089	—	863	57,387	1,417	31,179	117,683
Petrochemical Feedstocks .....	1,538	66,987	25,687	77	—	94,289	—	44	106,558
Naphtha for Petro. Feed. Use .....	1,432	47,148	11,725	77	—	60,382	—	44	70,159
Other Oils for Petro. Feed. Use .....	106	19,839	13,962	—	—	33,907	—	—	36,399
Special Naphthas .....	1,086	8,019	—	2,379	—	11,484	—	352	12,640
Lubricants .....	390	19,620	18,345	9,271	—	47,626	—	4,866	60,554
Waxes .....	—	475	469	310	—	1,254	—	—	1,734
Petroleum Coke .....	5,671	103,590	75,549	1,631	622	187,063	9,208	54,339	333,124
Marketable .....	2,702	79,262	59,318	1,450	—	142,732	6,361	42,117	247,525
Catalyst .....	2,969	24,328	16,231	181	622	44,331	2,847	12,222	85,599
Asphalt and Road Oil .....	2,844	3,981	9,433	11,218	472	27,948	12,580	9,141	119,510
Still Gas .....	9,581	70,677	51,188	2,222	989	134,657	8,937	44,022	255,241
Miscellaneous Products .....	1,161	11,811	7,338	196	426	20,932	1,151	4,693	33,447
<b>Total .....</b>	<b>166,846</b>	<b>1,152,705</b>	<b>959,391</b>	<b>63,107</b>	<b>30,021</b>	<b>2,372,070</b>	<b>185,553</b>	<b>577,781</b>	<b>4,254,321</b>
Processing Gain(-) or Loss(+) <sup>1</sup> .....	-9,401	-124,883	-93,146	-1,282	-463	-229,175	-11,611	-69,782	-409,221

— = No Data Reported.

<sup>1</sup> Represents the arithmetic difference between refinery input and production divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

**Table 20. Blender Net Inputs of Petroleum Products by PAD Districts, 2016**  
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
<b>Hydrocarbon Gas Liquids</b> .....	<b>7,114</b>	<b>79</b>	<b>7,193</b>	<b>1,269</b>	<b>768</b>	<b>3,496</b>	<b>5,533</b>
Natural Gas Liquids .....	7,114	79	7,193	1,269	768	3,496	5,533
Normal Butane .....	5,575	79	5,654	1,269	667	2,790	4,726
Isobutane .....	-	-	-	-	-	-	-
Natural Gasoline .....	1,539	-	1,539	-	101	706	807
<b>Other Liquids</b> .....	<b>1,076,879</b>	<b>77,728</b>	<b>1,154,607</b>	<b>538,736</b>	<b>111,820</b>	<b>166,334</b>	<b>816,890</b>
Oxygenates/Renewables .....	115,623	8,229	123,852	58,755	13,185	18,698	90,638
Oxygenates (excluding Fuel Ethanol) .....	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE) .....	-	-	-	-	-	-	-
All Other Oxygenates <sup>1</sup> .....	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol) .....	115,623	8,229	123,852	58,755	13,185	18,698	90,638
Fuel Ethanol .....	112,160	7,729	119,889	56,501	12,306	17,608	86,415
Renewable Diesel Fuel .....	3,463	500	3,963	2,254	879	1,090	4,223
Other Renewable Fuels .....	-	-	-	-	-	-	-
Unfinished Oils (net) .....	65	-13	52	-18	-	-	-18
Naphthas and Lighter .....	60	-	60	-	-	-	-
Kerosene and Light Gas Oils .....	2	-13	-11	-812	-	-	-812
Heavy Gas Oils .....	3	-	3	18	-	-	18
Residuum .....	-	-	-	776	-	-	776
Motor Gasoline Blend.Comp. (MGBC)(net) .....	961,191	69,512	1,030,703	479,999	98,635	147,636	726,270
Reformulated - RBOB .....	327,952	3,094	331,046	90,750	16,402	11,846	118,998
Conventional .....	633,239	66,418	699,657	389,249	82,233	135,790	607,272
CBOB .....	530,785	66,417	597,202	389,009	82,043	135,786	606,838
GTAB .....	31,769	-	31,769	-	-	-	-
Other .....	70,685	1	70,686	240	190	4	434
Aviation Gasoline Blend. Comp. (net) .....	-	-	-	-	-	-	-
<b>Total Input</b> .....	<b>1,083,993</b>	<b>77,807</b>	<b>1,161,800</b>	<b>540,005</b>	<b>112,588</b>	<b>169,830</b>	<b>822,423</b>

  

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
<b>Hydrocarbon Gas Liquids</b> .....	<b>458</b>	<b>3,928</b>	<b>1,045</b>	<b>287</b>	<b>-</b>	<b>5,718</b>	<b>766</b>	<b>91</b>	<b>19,301</b>
Natural Gas Liquids .....	458	3,928	1,045	287	-	5,718	766	91	19,301
Normal Butane .....	319	2,553	1,045	287	-	4,204	471	91	15,146
Isobutane .....	-	-	-	-	-	-	-	-	-
Natural Gasoline .....	139	1,375	-	-	-	1,514	295	-	4,155
<b>Other Liquids</b> .....	<b>206,589</b>	<b>140,207</b>	<b>35,955</b>	<b>107,482</b>	<b>13,627</b>	<b>503,860</b>	<b>53,217</b>	<b>546,759</b>	<b>3,075,333</b>
Oxygenates/Renewables .....	21,680	10,504	4,717	12,264	1,665	50,830	7,546	61,447	334,313
Oxygenates (excluding Fuel Ethanol) .....	-	-	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE) .....	-	-	-	-	-	-	-	-	-
All Other Oxygenates <sup>1</sup> .....	-	-	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol) .....	21,680	10,504	4,717	12,264	1,665	50,830	7,546	61,447	334,313
Fuel Ethanol .....	21,079	9,501	3,631	11,706	1,368	47,285	7,355	56,554	317,498
Renewable Diesel Fuel .....	601	1,003	1,086	558	297	3,545	191	4,893	16,815
Other Renewable Fuels .....	-	-	-	-	-	-	-	-	-
Unfinished Oils (net) .....	-	-	-220	-	-	-220	-	-	-186
Naphthas and Lighter .....	-	-	-	-	-	-	-	-	60
Kerosene and Light Gas Oils .....	-	-	86	-	-	86	-	-	-737
Heavy Gas Oils .....	-	-	-306	-	-	-306	-	-	-285
Residuum .....	-	-	-	-	-	-	-	-	776
Motor Gasoline Blend.Comp. (MGBC)(net) .....	184,909	129,703	31,458	95,218	11,962	453,250	45,671	485,312	2,741,206
Reformulated - RBOB .....	79,652	55,484	-	-	-	135,136	-	360,857	946,037
Conventional .....	105,257	74,219	31,458	95,218	11,962	318,114	45,671	124,455	1,795,169
CBOB .....	105,257	-8,590	22,073	94,819	11,962	225,521	45,586	123,945	1,599,092
GTAB .....	-	-	-	-	-	-	-	-	31,769
Other .....	-	82,809	9,385	399	-	92,593	85	510	164,308
Aviation Gasoline Blend. Comp. (net) .....	-	-	-	-	-	-	-	-	-
<b>Total Input</b> .....	<b>207,047</b>	<b>144,135</b>	<b>37,000</b>	<b>107,769</b>	<b>13,627</b>	<b>509,578</b>	<b>53,983</b>	<b>546,850</b>	<b>3,094,634</b>

- = No Data Reported.

<sup>1</sup> Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal and Blender Report."

**Table 21. Blender Net Production of Petroleum Products by PAD Districts, 2016**  
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Finished Motor Gasoline .....	1,080,554	77,318	1,157,872	537,539	111,726	168,765	818,030
Reformulated .....	463,311	3,322	466,633	104,034	18,274	13,201	135,509
Reformulated Blended with Fuel Ethanol .....	463,129	3,322	466,451	104,034	18,274	13,201	135,509
Reformulated Other .....	182	-	182	-	-	-	-
Conventional .....	617,243	73,996	691,239	433,505	93,452	155,564	682,521
Conventional Blended with Fuel Ethanol .....	650,199	74,155	724,354	454,867	104,097	159,821	718,785
Ed55 and Lower .....	649,837	74,155	723,992	454,776	103,858	159,392	718,026
Greater than Ed55 .....	362	-	362	91	239	429	759
Conventional Other .....	-32,956	-159	-33,115	-21,362	-10,645	-4,257	-36,264
Finished Aviation Gasoline .....	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel .....	234	-	234	-110	-10	-4	-124
Kerosene .....	21	-	21	-3	1	-	-2
Distillate Fuel Oil .....	3,272	492	3,764	1,743	858	1,052	3,653
15 ppm sulfur and under .....	172	492	664	1,744	858	1,051	3,653
Greater than 15 ppm to 500 ppm sulfur .....	1,217	80	1,297	-1	-	1,199	1,198
Greater than 500 ppm sulfur .....	1,883	-80	1,803	-	-	-1,198	-1,198
Residual Fuel Oil .....	-180	-	-180	-51	-	-215	-266
Less than 0.31 percent sulfur .....	-350	-	-350	-	-	-	-
0.31 to 1.00 percent sulfur .....	12	-	12	-	-	-	-
Greater than 1.00 percent sulfur .....	158	-	158	-51	-	-215	-266
Special Naphthas .....	-	-	-	-	-	-	-
Lubricants .....	-	-	-	-	-	-	-
Asphalt and Road Oil .....	96	-	96	846	10	244	1,100
Miscellaneous Products .....	-	-	-	-	-	-	-
<b>Total Production .....</b>	<b>1,083,997</b>	<b>77,810</b>	<b>1,161,807</b>	<b>539,964</b>	<b>112,585</b>	<b>169,842</b>	<b>822,391</b>
Processing Gain(-) or Loss(+) <sup>1</sup> .....	-4	-3	-7	41	3	-12	32

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Finished Motor Gasoline .....	206,437	143,112	36,125	107,211	13,327	506,212	53,778	541,985	3,077,877
Reformulated .....	88,754	78,185	-	-	-	166,939	-	400,967	1,170,048
Reformulated Blended with Fuel Ethanol .....	88,754	78,185	-	-	-	166,939	-	400,967	1,169,866
Reformulated Other .....	-	-	-	-	-	-	-	-	182
Conventional .....	117,683	64,927	36,125	107,211	13,327	339,273	53,778	141,018	1,907,829
Conventional Blended with Fuel Ethanol .....	120,408	15,823	36,248	116,208	13,796	302,483	72,574	161,210	1,979,406
Ed55 and Lower .....	120,380	15,823	36,248	116,097	13,796	302,344	72,474	161,154	1,977,990
Greater than Ed55 .....	28	-	-	111	-	139	100	56	1,416
Conventional Other .....	-2,725	49,104	-123	-8,997	-469	36,790	-18,796	-20,192	-71,577
Finished Aviation Gasoline .....	-	-	-	-	-	-	-	-21	-21
Kerosene-Type Jet Fuel .....	-	-78	166	-	-	88	445	-398	245
Kerosene .....	-	-1	12	-	-	11	-	145	175
Distillate Fuel Oil .....	598	1,102	746	556	297	3,299	-256	5,157	15,617
15 ppm sulfur and under .....	598	428	772	555	297	2,650	-256	4,911	11,622
Greater than 15 ppm to 500 ppm sulfur .....	-	120	-26	-	-	94	-	-1	2,588
Greater than 500 ppm sulfur .....	-	554	-	1	-	555	-	247	1,407
Residual Fuel Oil .....	-	0	-305	-	-	-305	-	-	-751
Less than 0.31 percent sulfur .....	-	-1	-	-	-	-1	-	-	-351
0.31 to 1.00 percent sulfur .....	-	-74	54	-	-	-20	-	-	-8
Greater than 1.00 percent sulfur .....	-	75	-359	-	-	-284	-	-	-392
Special Naphthas .....	-	-	-	-	-	-	-	-	-
Lubricants .....	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil .....	-	-	252	-	-	252	-	-	1,448
Miscellaneous Products .....	-	-	-	-	-	-	-	-	-
<b>Total Production .....</b>	<b>207,035</b>	<b>144,135</b>	<b>36,996</b>	<b>107,767</b>	<b>13,624</b>	<b>509,557</b>	<b>53,967</b>	<b>546,868</b>	<b>3,094,590</b>
Processing Gain(-) or Loss(+) <sup>1</sup> .....	12	0	4	2	3	21	16	-18	44

- = No Data Reported.

<sup>1</sup> Represents the arithmetic difference between refinery input and production divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal and Blender Report."

**Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, 2016**  
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
<b>Crude Oil</b> .....	<b>8,065</b>	<b>782</b>	<b>8,847</b>	<b>9,722</b>	<b>2,339</b>	<b>1,811</b>	<b>13,872</b>
<b>Petroleum Products</b> .....	<b>13,823</b>	<b>2,156</b>	<b>15,979</b>	<b>30,046</b>	<b>7,410</b>	<b>10,978</b>	<b>48,434</b>
Hydrocarbon Gas Liquids .....	814	30	844	3,262	580	1,047	4,889
Natural Gas Liquids .....	531	30	561	2,605	557	1,037	4,199
Ethane .....	-	-	-	-	-	-	-
Propane .....	142	2	144	672	36	419	1,127
Normal Butane .....	290	19	309	1,651	471	114	2,236
Isobutane .....	99	9	108	256	50	228	534
Natural Gasoline .....	-	-	-	26	-	276	302
Refinery Olefins .....	283	0	283	657	23	10	690
Ethylene .....	-	-	-	-	-	-	-
Propylene .....	159	0	159	600	23	10	633
Butylene .....	100	0	100	57	0	0	57
Isobutylene .....	24	0	24	0	0	0	0
Oxygenates/Renewable Fuels/Other Hydrocarbons .....	85	107	192	61	52	33	146
Oxygenates (excluding Fuel Ethanol) .....	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE) .....	-	-	-	-	-	-	-
All Other Oxygenates <sup>1</sup> .....	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol) .....	85	107	192	44	52	33	129
Fuel Ethanol .....	85	102	187	28	38	28	94
Renewable Diesel Fuel .....	-	5	5	16	14	5	35
Other Renewable Fuels .....	-	-	-	-	-	-	-
Other Hydrocarbons .....	-	-	-	17	-	-	17
Unfinished Oils .....	3,978	406	4,384	8,188	591	3,980	12,759
Naphthas and Lighter .....	994	258	1,252	1,954	91	931	2,976
Kerosene and Light Gas Oils .....	754	-	754	1,908	274	645	2,827
Heavy Gas Oils .....	1,636	131	1,767	2,900	226	1,537	4,663
Residuum .....	594	17	611	1,426	-	867	2,293
Motor Gasoline Blending Components (MGBC) .....	4,693	287	4,980	8,264	1,918	2,790	12,972
Reformulated - RBOB .....	1,695	-	1,695	1,062	138	-	1,200
Conventional .....	2,998	287	3,285	7,202	1,780	2,790	11,772
CBOB .....	392	239	631	2,889	1,110	1,853	5,852
GTAB .....	-	-	-	-	-	-	-
Other .....	2,606	48	2,654	4,313	670	937	5,920
Aviation Gasoline Blending Components .....	-	-	-	-	-	-	-
Finished Motor Gasoline .....	-	31	31	1,311	172	225	1,708
Reformulated .....	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol .....	-	-	-	-	-	-	-
Reformulated Other .....	-	-	-	-	-	-	-
Conventional .....	-	31	31	1,311	172	225	1,708
Conventional Blended with Fuel Ethanol .....	-	-	-	-	-	-	-
Ed55 and Lower .....	-	-	-	-	-	-	-
Greater than Ed55 .....	-	-	-	-	-	-	-
Conventional Other .....	-	31	31	1,311	172	225	1,708
Finished Aviation Gasoline .....	-	-	-	-	92	-	92
Kerosene-Type Jet Fuel .....	376	-	376	1,237	315	170	1,722
Kerosene .....	111	6	117	148	-	25	173
Distillate Fuel Oil .....	2,152	222	2,374	3,548	1,662	1,672	6,882
15 ppm sulfur and under .....	1,476	102	1,578	3,380	1,036	1,495	5,911
Greater than 15 ppm to 500 ppm sulfur .....	28	101	129	-	164	59	223
Greater than 500 ppm sulfur .....	648	19	667	168	462	118	748
Residual Fuel Oil .....	671	18	689	993	201	41	1,235
Less than 0.31 percent sulfur .....	150	16	166	-	26	-	26
0.31 to 1.00 percent sulfur .....	78	2	80	128	29	-	157
Greater than 1.00 percent sulfur .....	443	-	443	865	146	41	1,052
Petrochemical Feedstocks .....	159	-	159	467	66	-	533
Naphtha for Petro. Feed. Use .....	159	-	159	325	66	-	391
Other Oils for Petro. Feed. Use .....	-	-	-	142	-	-	142
Special Naphthas .....	-	10	10	66	-	19	85
Lubricants .....	332	305	637	-	-	264	264
Waxes .....	-	377	377	-	-	44	44
Petroleum Coke .....	-	-	-	331	687	60	1,078
Marketable .....	-	-	-	331	687	60	1,078
Catalyst .....	-	-	-	-	-	-	-
Asphalt and Road Oil .....	437	335	772	2,076	1,051	602	3,729
Miscellaneous Products .....	15	22	37	94	23	6	123
<b>Total Stocks, All Oils</b> .....	<b>21,888</b>	<b>2,938</b>	<b>24,826</b>	<b>39,768</b>	<b>9,749</b>	<b>12,789</b>	<b>62,306</b>

See footnotes at end of table.

**Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, 2016**  
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
<b>Crude Oil</b> .....	<b>1,520</b>	<b>23,133</b>	<b>16,284</b>	<b>1,106</b>	<b>275</b>	<b>42,318</b>	<b>2,605</b>	<b>25,114</b>	<b>92,756</b>
<b>Petroleum Products</b> .....	<b>9,685</b>	<b>56,467</b>	<b>51,326</b>	<b>4,047</b>	<b>1,567</b>	<b>123,092</b>	<b>10,937</b>	<b>47,861</b>	<b>246,303</b>
Hydrocarbon Gas Liquids .....	2,198	1,147	6,071	16	100	9,532	391	1,376	17,032
Natural Gas Liquids .....	1,633	930	3,149	16	100	5,828	352	1,354	12,294
Ethane .....	122	—	—	—	—	122	—	—	122
Propane .....	441	27	241	3	3	715	32	91	2,109
Normal Butane .....	819	623	1,523	8	17	2,990	208	816	6,559
Isobutane .....	149	227	1,026	5	17	1,424	100	445	2,611
Natural Gasoline .....	102	53	359	—	63	577	12	2	893
Refinery Olefins .....	565	217	2,922	0	0	3,704	39	22	4,738
Ethylene .....	0	—	—	—	—	0	—	—	0
Propylene .....	564	41	936	0	0	1,541	0	12	2,345
Butylene .....	1	176	1,986	0	0	2,163	39	10	2,369
Isobutylene .....	0	0	0	0	0	0	0	0	24
Oxygenates/Renewable Fuels/Other Hydrocarbons .....	48	143	133	101	13	438	123	362	1,261
Oxygenates (excluding Fuel Ethanol) .....	—	81	—	—	—	81	—	—	81
Methyl Tertiary Butyl Ether (MTBE) .....	—	81	—	—	—	81	—	—	81
All Other Oxygenates <sup>1</sup> .....	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	48	62	133	101	13	357	123	362	1,163
Fuel Ethanol .....	41	28	54	35	12	170	114	31	596
Renewable Diesel Fuel .....	7	34	79	66	1	187	9	293	529
Other Renewable Fuels .....	—	—	—	—	—	—	—	38	38
Other Hydrocarbons .....	—	—	—	—	—	—	—	—	17
Unfinished Oils .....	2,412	19,755	14,099	875	764	37,905	2,829	18,182	76,059
Naphthas and Lighter .....	892	6,332	2,391	237	272	10,124	530	3,180	18,062
Kerosene and Light Gas Oils .....	560	3,570	2,334	189	276	6,929	546	3,100	14,156
Heavy Gas Oils .....	477	7,963	7,148	391	216	16,195	1,312	9,323	33,260
Residuum .....	483	1,890	2,226	58	—	4,657	441	2,579	10,581
Motor Gasoline Blending Components (MGBC) .....	2,380	11,575	12,772	325	296	27,348	3,213	12,962	61,475
Reformulated - RBOB .....	235	1,111	261	—	—	1,607	—	5,158	9,660
Conventional .....	2,145	10,464	12,511	325	296	25,741	3,213	7,804	51,815
CBOB .....	1,073	3,412	6,799	269	98	11,651	1,390	1,947	21,471
GTAB .....	—	—	—	—	—	—	—	—	—
Other .....	1,072	7,052	5,712	56	198	14,090	1,823	5,857	30,344
Aviation Gasoline Blending Components .....	9	—	—	—	—	9	—	—	9
Finished Motor Gasoline .....	623	2,429	1,700	22	70	4,844	1,060	700	8,343
Reformulated .....	—	—	—	—	—	—	—	16	16
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	16	16
Reformulated Other .....	—	—	—	—	—	—	—	—	—
Conventional .....	623	2,429	1,700	22	70	4,844	1,060	684	8,327
Conventional Blended with Fuel Ethanol .....	—	—	—	—	—	—	45	—	45
Ed55 and Lower .....	—	—	—	—	—	—	45	—	45
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—
Conventional Other .....	623	2,429	1,700	22	70	4,844	1,015	684	8,282
Finished Aviation Gasoline .....	40	125	188	—	—	353	9	111	565
Kerosene-Type Jet Fuel .....	370	2,978	2,550	73	—	5,971	267	3,751	12,087
Kerosene .....	28	7	63	6	—	104	1	6	401
Distillate Fuel Oil .....	773	7,012	7,018	448	114	15,365	1,987	5,239	31,847
15 ppm sulfur and under .....	725	6,424	5,555	382	114	13,200	1,761	4,492	26,942
Greater than 15 ppm to 500 ppm sulfur .....	19	70	543	15	—	647	172	237	1,408
Greater than 500 ppm sulfur .....	29	518	920	51	—	1,518	54	510	3,497
Residual Fuel Oil .....	87	2,082	1,564	24	82	3,839	224	2,654	8,641
Less than 0.31 percent sulfur .....	6	—	191	—	—	197	34	—	423
0.31 to 1.00 percent sulfur .....	—	144	68	24	5	241	4	536	1,018
Greater than 1.00 percent sulfur .....	81	1,938	1,305	—	77	3,401	186	2,118	7,200
Petrochemical Feedstocks .....	143	1,763	631	10	—	2,547	—	1	3,240
Naphtha for Petro. Feed. Use .....	25	965	460	10	—	1,460	—	1	2,011
Other Oils for Petro. Feed. Use .....	118	798	171	—	—	1,087	—	—	1,229
Special Naphthas .....	69	687	—	81	—	837	—	29	961
Lubricants .....	55	2,867	2,567	915	—	6,404	—	402	7,707
Waxes .....	—	58	126	66	—	250	—	—	671
Petroleum Coke .....	10	3,374	1,164	—	—	4,548	144	1,213	6,983
Marketable .....	10	3,374	1,164	—	—	4,548	144	1,213	6,983
Catalyst .....	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil .....	423	225	545	1,084	103	2,380	672	796	8,349
Miscellaneous Products .....	17	240	135	1	25	418	17	77	672
<b>Total Stocks, All Oils</b> .....	<b>11,205</b>	<b>79,600</b>	<b>67,610</b>	<b>5,153</b>	<b>1,842</b>	<b>165,410</b>	<b>13,542</b>	<b>72,975</b>	<b>339,059</b>

— = No Data Reported.

<sup>1</sup> Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

**Table 23. Percent Yield of Petroleum Products by PAD and Refining Districts, 2016**

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids <sup>1</sup> .....	2.9	0.0	2.6	4.1	1.4	1.6	3.1
Finished Motor Gasoline <sup>2</sup> .....	48.3	38.8	47.5	53.1	51.8	50.8	52.4
Finished Aviation Gasoline <sup>3</sup> .....	-	-	-	-	0.4	-	0.1
Kerosene-Type Jet Fuel .....	8.2	-	7.6	8.0	6.0	3.7	6.8
Kerosene .....	0.2	0.0	0.2	0.1	-	0.0	0.1
Distillate Fuel Oil <sup>4</sup> .....	29.2	26.8	29.0	24.4	28.2	37.1	27.8
Residual Fuel Oil .....	4.4	0.3	4.1	1.6	2.2	0.5	1.4
Naphtha for Petro. Feed. Use .....	0.4	-	0.4	1.0	0.0	0.0	0.6
Other Oils for Petro. Feed. Use .....	-	-	-	0.3	-	0.1	0.2
Special Naphthas .....	-	0.8	0.1	0.1	-	0.1	0.0
Lubricants .....	0.7	6.5	1.1	-	-	1.1	0.2
Waxes .....	-	0.2	0.0	-	-	0.1	0.0
Petroleum Coke .....	3.3	0.7	3.1	5.7	5.4	3.6	5.2
Asphalt and Road Oil .....	3.0	22.0	4.5	3.7	7.7	1.8	3.8
Still Gas .....	3.8	2.0	3.6	3.7	4.1	4.3	3.9
Miscellaneous Products .....	0.2	1.0	0.2	0.4	0.7	0.2	0.4
Processing Gain(-) or Loss(+) <sup>5</sup> .....	-4.4	1.0	-4.0	-6.2	-7.7	-5.0	-6.1

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids <sup>1</sup> .....	3.5	5.0	4.9	0.6	0.8	4.7	2.2	2.2	3.8
Finished Motor Gasoline <sup>2</sup> .....	53.2	44.1	42.7	30.6	50.8	44.0	48.8	49.5	47.0
Finished Aviation Gasoline <sup>3</sup> .....	0.4	0.1	0.1	-	-	0.1	0.0	0.1	0.1
Kerosene-Type Jet Fuel .....	6.7	9.5	10.9	2.5	-	9.6	5.5	17.3	9.8
Kerosene .....	0.0	0.0	0.2	0.2	-	0.1	0.0	0.0	0.1
Distillate Fuel Oil <sup>4</sup> .....	29.7	29.3	30.8	34.8	41.2	30.3	32.6	21.4	28.4
Residual Fuel Oil .....	1.3	1.8	3.2	-0.8	2.6	2.3	1.7	4.3	2.5
Naphtha for Petro. Feed. Use .....	0.6	3.0	0.9	0.1	-	1.9	-	0.0	1.1
Other Oils for Petro. Feed. Use .....	0.0	1.3	1.1	-	-	1.0	-	-	0.6
Special Naphthas .....	0.4	0.5	-	2.9	-	0.4	-	0.0	0.2
Lubricants .....	0.2	1.3	1.4	11.5	-	1.5	-	0.5	1.0
Waxes .....	-	0.0	0.0	0.4	-	0.0	-	-	0.0
Petroleum Coke .....	2.3	6.6	5.7	2.0	1.4	5.7	4.2	6.0	5.4
Asphalt and Road Oil .....	1.2	0.3	0.7	13.9	1.1	0.9	5.7	1.0	1.9
Still Gas .....	3.9	4.5	3.9	2.8	2.2	4.1	4.1	4.8	4.2
Miscellaneous Products .....	0.5	0.8	0.6	0.0	1.0	0.6	0.5	0.5	0.5
Processing Gain(-) or Loss(+) <sup>5</sup> .....	-3.8	-8.0	-7.1	-1.6	-1.0	-7.0	-5.3	-7.7	-6.7

- = No Data Reported.

<sup>1</sup> Excludes natural gasoline.

<sup>2</sup> Based on net production of finished motor gasoline minus input of natural gas plant liquids, fuel ethanol, oxygenates, and net input of motor gasoline blending components.

<sup>3</sup> Based on finished aviation gasoline net production minus net input of aviation gasoline blending components.

<sup>4</sup> Based on distillate fuel oil net production minus input of biodiesel, "other" renewable diesel fuels, and "other" renewable fuels.

<sup>5</sup> Represents the arithmetic difference between refinery input and production divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

Note: Percent yield is calculated as net production (or adjusted net production) divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Calculated from data on Tables 18 and 19.

**Table 24. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, 2016**  
(Thousand Barrels)

PAD District and State of Entry	Residual Fuel Oil			
	Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
<b>PAD District 1</b> .....	<b>1,834</b>	<b>3,379</b>	<b>23,522</b>	<b>28,735</b>
Connecticut .....	-	-	-	-
Delaware .....	511	385	-	896
Florida .....	-	-	6,882	6,882
Georgia .....	-	-	1,062	1,062
Maine .....	-	-	-	-
Maryland .....	-	-	150	150
Massachusetts .....	-	-	-	-
New Hampshire .....	-	-	-	-
New Jersey .....	590	1,864	9,410	11,864
New York .....	733	1,129	2,969	4,831
North Carolina .....	-	-	-	-
Pennsylvania .....	-	-	1,023	1,023
Rhode Island .....	-	-	-	-
South Carolina .....	-	-	1,681	1,681
Vermont .....	-	1	20	21
Virginia .....	-	-	325	325
West Virginia .....	-	-	-	-
<b>PAD District 2</b> .....	<b>-</b>	<b>758</b>	<b>578</b>	<b>1,336</b>
Illinois .....	-	-	-	-
Indiana .....	-	-	-	-
Michigan .....	-	87	564	651
Minnesota .....	-	450	-	450
North Dakota .....	-	221	-	221
Ohio .....	-	-	-	-
Wisconsin .....	-	-	-	-
<b>PAD District 3</b> .....	<b>2,134</b>	<b>4,426</b>	<b>20,534</b>	<b>27,094</b>
Alabama .....	-	-	356	356
Louisiana .....	518	1,765	2,734	5,017
Mississippi .....	-	-	-	-
New Mexico .....	-	-	-	-
Texas .....	1,616	2,661	17,444	21,721
<b>PAD District 4</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Idaho .....	-	-	-	-
Montana .....	-	-	-	-
<b>PAD District 5</b> .....	<b>-</b>	<b>265</b>	<b>17,419</b>	<b>17,684</b>
Alaska .....	-	-	-	-
California .....	-	225	14,979	15,204
Hawaii .....	-	-	1,033	1,033
Oregon .....	-	-	-	-
Washington .....	-	40	1,407	1,447
<b>U.S. Total</b> .....	<b>3,968</b>	<b>8,828</b>	<b>62,053</b>	<b>74,849</b>

- = No Data Reported.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

**Table 25. Imports of Crude Oil and Petroleum Products by PAD District, 2016**  
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
<b>Crude Oil<sup>1,2</sup></b>	<b>311,268</b>	<b>803,230</b>	<b>1,232,376</b>	<b>96,485</b>	<b>429,849</b>	<b>2,873,208</b>	<b>7,850</b>
<b>Hydrocarbon Gas Liquids</b>	<b>16,342</b>	<b>30,671</b>	<b>5,022</b>	<b>3,945</b>	<b>10,045</b>	<b>66,025</b>	<b>180</b>
Natural Gas Liquids	13,079	24,948	4,735	3,945	10,007	56,714	155
Ethane	43	-	-	-	-	43	0
Propane	11,453	19,824	35	3,758	8,875	43,945	120
Normal Butane	550	2,462	-	6	1,063	4,081	11
Isobutane	1,033	2,332	-	181	69	3,615	10
Natural Gasoline	-	330	4,700	-	-	5,030	14
Refinery Olefins	3,263	5,723	287	-	38	9,311	25
Ethylene	-	-	-	-	-	-	-
Propylene	3,263	4,829	-	-	38	8,130	22
Butylene	-	894	287	-	-	1,181	3
Isobutylene	-	-	-	-	-	-	-
<b>Other Liquids</b>	<b>233,364</b>	<b>3,120</b>	<b>197,911</b>	<b>790</b>	<b>51,096</b>	<b>486,281</b>	<b>1,329</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	8,963	764	10,760	146	6,598	27,231	74
Hydrogen	-	-	-	-	-	-	-
Oxygenates (excluding Fuel Ethanol)	-	-	3,981	-	-	3,981	11
Methyl Tertiary Butyl Ether (MTBE)	-	-	3,077	-	-	3,077	8
Other Oxygenates <sup>3</sup>	-	-	904	-	-	904	2
Renewable Fuels (including Fuel Ethanol)	8,953	660	6,688	146	6,598	23,045	63
Fuel Ethanol	12	-	94	-	756	862	2
Biomass-Based Diesel Fuel	8,397	660	6,594	146	1,082	16,879	46
Other Renewable Diesel Fuel	544	-	-	-	4,760	5,304	14
Other Renewable Fuels	-	-	-	-	-	-	-
Other Hydrocarbons	10	104	91	54	-	205	1
Unfinished Oils <sup>1</sup>	14,658	-	172,989	-	34,002	221,649	606
Naphthas and Lighter	1,468	-	1,106	-	1,107	3,681	10
Kerosene and Lighter Gas Oils	-	-	-	-	-	-	-
Heavy Gas Oils	8,931	-	122,301	-	24,811	156,043	426
Residuum	4,259	-	49,582	-	8,084	61,925	169
Motor Gasoline Blend.Comp. (MGBC)	209,743	2,356	14,162	644	10,496	237,401	649
Reformulated - RBOB	69,115	-	638	-	727	69,842	191
Conventional	140,628	2,356	14,162	644	9,769	167,559	458
CBOB	11,298	278	219	-	4,632	16,427	45
GTAB	42,388	-	740	-	-	43,128	118
Other	86,942	2,078	13,203	644	5,137	108,004	295
Aviation Gasoline Blend. Comp.	-	-	-	-	-	-	-
<b>Finished Petroleum Products</b>	<b>127,966</b>	<b>10,109</b>	<b>56,516</b>	<b>620</b>	<b>59,502</b>	<b>254,713</b>	<b>696</b>
Finished Motor Gasoline	19,749	65	808	-	1,022	21,644	59
Reformulated	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-
Conventional	19,749	65	808	-	1,022	21,644	59
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	19,749	65	808	-	1,022	21,644	59
Finished Aviation Gasoline	12	2	28	8	61	111	0
Kerosene-Type Jet Fuel	20,585	5	-	19	33,068	53,677	147
Bonded Aircraft Fuel	2,091	-	-	-	9,015	11,106	30
Other	18,494	5	-	19	24,053	42,571	116
Kerosene	854	1	-	-	-	855	2
Distillate Fuel Oil	44,133	789	3,642	58	5,020	53,642	147
15 ppm sulfur and under	31,000	504	216	58	4,749	36,527	100
Bonded	-	-	-	-	44	44	0
Other	31,000	504	216	58	4,705	36,483	100
Greater than 15 ppm to 500 ppm sulfur	1,271	-	313	-	54	1,638	4
Bonded	-	-	-	-	-	-	-
Other	1,271	-	313	-	54	1,638	4
Greater than 500 ppm to 2000 ppm sulfur	11,469	163	2,607	-	217	14,456	39
Bonded	-	-	-	-	-	-	-
Other	11,469	163	2,607	-	217	14,456	39
Greater than 2000 ppm	393	122	506	-	-	1,021	3
Bonded	-	-	-	-	-	-	-
Other	393	122	506	-	-	1,021	3
Residual Fuel Oil	28,735	1,336	27,094	-	17,684	74,849	205
Less than 0.31 percent sulfur	1,834	-	2,134	-	-	3,968	11
0.31 to 1.00 percent sulfur	3,379	758	4,426	-	265	8,828	24
Greater than 1.00 percent sulfur	23,522	578	20,534	-	17,419	62,053	170
Petrochemical Feedstocks	29	1,899	9,276	-	416	11,620	32
Naphtha for Petro. Feed. Use	15	1,063	8,290	-	416	9,784	27
Other Oils for Petro. Feed. Use	14	836	986	-	-	1,836	5
Special Naphthas	-	566	4,507	-	-	5,073	14
Lubricants	2,140	2,440	9,539	-	197	14,316	39
Waxes	1,035	77	344	-	527	1,983	5
Petroleum Coke (Marketable)	1,862	235	1,176	-	354	3,627	10
Asphalt and Road Oil	8,832	2,694	102	521	1,153	13,302	36
Miscellaneous Products	-	-	-	14	-	14	0
<b>Total</b>	<b>688,940</b>	<b>847,130</b>	<b>1,491,825</b>	<b>101,840</b>	<b>550,492</b>	<b>3,680,227</b>	<b>10,055</b>

- = No Data Reported.

<sup>1</sup> Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

<sup>2</sup> Includes crude oil imported for storage in the Strategic Petroleum Reserve.

<sup>3</sup> Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

**Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, 2016**  
(Thousand Barrels)

Country of Origin	Crude Oil <sup>1,2</sup>	Natural Gas Liquids	Refinery Olefins	Unfinished Oils <sup>1</sup>	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>OPEC</b> .....	<b>1,163,941</b>	<b>577</b>	<b>-</b>	<b>53,272</b>	<b>-</b>	<b>2</b>	<b>2</b>	<b>5</b>	<b>15,761</b>	<b>15,766</b>
Algeria .....	18,515	577	-	44,650	-	-	-	-	515	515
Angola .....	58,133	-	-	3,036	-	-	-	-	323	323
Ecuador .....	86,859	-	-	-	-	-	-	-	521	521
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	153,531	-	-	921	-	-	-	-	-	-
Kuwait .....	76,459	-	-	-	-	-	-	-	-	-
Libya .....	4,251	-	-	1,277	-	-	-	-	-	-
Nigeria .....	75,807	-	-	772	-	2	2	-	8,687	8,687
Qatar .....	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	402,118	-	-	1,499	-	-	-	-	-	-
United Arab Emirates .....	4,151	-	-	531	-	-	-	-	-	-
Venezuela .....	271,366	-	-	521	-	-	-	5	5,460	5,465
<b>Non-OPEC</b> .....	<b>1,709,267</b>	<b>56,137</b>	<b>9,311</b>	<b>168,377</b>	<b>-</b>	<b>21,642</b>	<b>21,642</b>	<b>69,837</b>	<b>151,798</b>	<b>221,635</b>
Argentina .....	4,441	170	-	166	-	-	-	-	219	219
Aruba .....	-	-	-	-	-	-	-	-	-	-
Australia .....	1,473	117	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	20	20
Bahrain .....	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	14,997	-	1,288	1,288	479	4,530	5,009
Brazil .....	52,936	-	-	296	-	323	323	-	3,186	3,186
Brunei .....	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	647	-	-	-	-	-	-
Canada .....	1,181,070	49,987	9,024	1,381	-	11,354	11,354	32,544	21,673	54,217
Chad .....	24,387	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	96	96	-	571	571
Colombia .....	161,601	-	-	1,284	-	-	-	-	5,486	5,486
Congo (Brazzaville) .....	1,147	-	-	45	-	-	-	-	56	56
Denmark .....	627	-	-	325	-	4	4	110	77	187
Egypt .....	3,833	-	-	332	-	-	-	-	435	435
Equatorial Guinea .....	2,250	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	216	-	207	207	227	7,267	7,494
France .....	-	-	-	4,487	-	332	332	7,213	1,211	8,424
Gabon .....	439	-	-	924	-	-	-	-	-	-
Germany .....	-	-	-	831	-	-	-	169	32	201
Guatemala .....	2,711	-	-	-	-	-	-	-	-	-
India .....	-	-	-	2,795	-	23	23	474	20,223	20,697
Indonesia .....	12,312	-	-	-	-	-	-	-	255	255
Italy .....	-	-	45	2,268	-	299	299	151	2,931	3,082
Korea, South .....	-	119	-	789	-	236	236	-	1,504	1,504
Latvia .....	-	-	-	-	-	-	-	-	417	417
Lithuania .....	-	-	-	-	-	20	20	-	614	614
Malaysia .....	1,657	-	-	2,676	-	-	-	-	341	341
Mexico .....	213,079	3,782	199	687	-	-	-	-	3,277	3,277
Netherlands .....	314	-	43	2,896	-	1,729	1,729	5,777	6,402	12,179
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-
Norway .....	12,988	43	-	3,532	-	365	365	173	9,999	10,172
Oman .....	10,950	-	-	-	-	-	-	-	36	36
Portugal .....	-	-	-	-	-	1,452	1,452	2,670	4,743	7,413
Russia .....	13,972	-	-	115,471	-	196	196	675	17,078	17,753
Spain .....	-	-	-	690	-	869	869	-	15,429	15,429
Sweden .....	-	668	-	1,446	-	308	308	98	605	703
Syria .....	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	3,292	153	-	348	-	457	457	-	1,718	1,718
United Kingdom .....	7,070	-	-	2,468	-	1,620	1,620	18,824	13,487	32,311
Vietnam .....	1,403	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	-	21	21
Yemen .....	-	-	-	-	-	-	-	-	-	-
Other .....	-4,685	1,098	0	6,380	-	464	464	253	7,955	8,208
<b>Total</b> .....	<b>2,873,208</b>	<b>56,714</b>	<b>9,311</b>	<b>221,649</b>	<b>-</b>	<b>21,644</b>	<b>21,644</b>	<b>69,842</b>	<b>167,559</b>	<b>237,401</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>636,259</b>	<b>-</b>	<b>-</b>	<b>2,951</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

See footnotes at end of table.

**Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, 2016**  
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
<b>OPEC</b> .....	262	—	—	2,486	—	—	325	—	478	—	803
Algeria .....	—	—	—	—	—	—	—	—	—	—	—
Angola .....	—	—	—	—	—	—	—	—	—	—	—
Ecuador .....	—	—	—	—	—	—	—	—	—	—	—
Iran .....	—	—	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	—	—	—
Kuwait .....	—	—	—	—	—	—	—	—	—	—	—
Libya .....	—	—	—	—	—	—	—	—	—	—	—
Nigeria .....	—	—	—	—	—	—	—	—	—	—	—
Qatar .....	—	—	—	—	—	—	325	—	328	—	653
Saudi Arabia .....	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates .....	262	—	—	—	—	—	—	—	—	—	—
Venezuela .....	—	—	—	—	—	—	—	—	150	—	150
<b>Non-OPEC</b> .....	2,815	904	862	14,393	5,304	—	36,202	1,638	13,978	1,021	52,839
Argentina .....	193	—	—	10,679	—	—	—	—	—	—	—
Aruba .....	—	—	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	30	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	—	—	—	—	—	—
Bahrain .....	—	—	—	—	—	—	—	—	—	—	—
Belgium .....	553	—	—	—	—	—	270	—	—	—	270
Brazil .....	637	904	850	—	—	—	—	—	254	—	254
Brunei .....	—	—	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	—	—	—	162
Canada .....	—	—	12	2,492	—	—	26,480	670	10,633	222	38,005
Chad .....	—	—	—	—	—	—	—	—	—	—	—
China .....	—	—	—	—	—	—	798	—	—	—	798
Colombia .....	—	—	—	—	—	—	300	601	156	300	1,057
Congo (Brazzaville) .....	—	—	—	—	—	—	—	—	200	—	200
Denmark .....	—	—	—	—	—	—	—	—	—	—	—
Egypt .....	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea .....	—	—	—	—	—	—	—	—	—	—	—
Estonia .....	—	—	—	—	—	—	—	—	—	—	—
Finland .....	—	—	—	—	—	—	333	—	—	—	333
France .....	—	—	—	—	—	—	—	—	25	—	25
Gabon .....	—	—	—	—	—	—	—	—	—	—	—
Germany .....	199	—	—	589	—	—	—	—	51	—	62
Guatemala .....	—	—	—	—	—	—	—	—	—	—	—
India .....	—	—	—	—	—	—	1,512	—	—	311	1,823
Indonesia .....	—	—	—	2,554	—	—	—	—	—	—	—
Italy .....	—	—	—	—	—	—	—	—	—	—	220
Korea, South .....	—	—	—	535	—	—	1,168	54	—	—	1,222
Latvia .....	—	—	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	—	—	—	—	—	—	—	—	—
Mexico .....	—	—	—	—	—	—	—	—	220	—	220
Netherlands .....	954	—	—	—	—	—	350	—	42	115	507
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—	—	—
Norway .....	—	—	—	—	—	—	—	—	—	—	—
Oman .....	—	—	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	500	—	—	—	500
Russia .....	270	—	—	—	—	—	3,251	—	874	—	4,125
Spain .....	—	—	—	—	—	—	—	—	—	—	—
Sweden .....	—	—	—	—	—	—	—	—	674	—	674
Syria .....	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	—	—	481	—	481
United Kingdom .....	9	—	—	—	—	—	—	—	—	—	—
Vietnam .....	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. .....	—	—	—	—	—	—	—	—	—	—	—
Yemen .....	—	—	—	—	—	—	—	—	—	—	—
Other .....	0	0	0	-2,486	5,304	—	1,240	313	368	73	1,701
<b>Total</b> .....	3,077	904	862	16,879	5,304	—	36,527	1,638	14,456	1,021	53,642
<b>Persian Gulf<sup>3</sup></b> .....	262	—	—	—	—	—	325	—	328	—	653

See footnotes at end of table.

**Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, 2016**  
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			Total
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	
<b>OPEC</b> .....	—	—	—	3,903	527	1,256	1,529	6,834	9,619
Algeria .....	—	—	—	—	—	1,244	91	—	1,335
Angola .....	—	—	—	—	—	—	—	—	—
Ecuador .....	—	—	—	5	—	—	—	180	180
Iran .....	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	328	342	670
Kuwait .....	—	—	—	90	—	—	—	—	—
Libya .....	—	—	—	8	—	—	292	—	292
Nigeria .....	—	—	—	—	—	12	683	—	695
Qatar .....	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	241	527	—	5	155	160
United Arab Emirates .....	—	—	—	11	—	—	—	1	1
Venezuela .....	—	—	—	3,485	—	—	130	6,156	6,286
<b>Non-OPEC</b> .....	<b>855</b>	<b>111</b>	—	<b>49,774</b>	<b>4,546</b>	<b>2,712</b>	<b>7,299</b>	<b>55,219</b>	<b>65,230</b>
Argentina .....	—	—	—	—	—	—	—	—	—
Aruba .....	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	—	—	425	425
Bahrain .....	—	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	—	—	40	—	143	183
Brazil .....	—	—	—	—	147	—	1,037	262	1,299
Brunei .....	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	387	—	—	387
Canada .....	1	22	—	3,465	1,503	126	2,516	11,403	14,045
Chad .....	—	—	—	—	—	—	—	—	—
China .....	267	—	—	5,408	—	—	—	—	—
Colombia .....	—	—	—	5	—	—	256	6,833	7,089
Congo (Brazzaville) .....	—	—	—	—	—	—	477	—	477
Denmark .....	—	—	—	—	—	—	—	18	18
Egypt .....	—	—	—	—	—	—	—	—	—
Equatorial Guinea .....	—	—	—	—	—	—	—	—	—
Estonia .....	—	—	—	—	—	—	—	—	—
Finland .....	—	—	—	—	—	—	37	6	43
France .....	—	—	—	—	—	—	182	58	240
Gabon .....	—	—	—	—	—	—	156	—	156
Germany .....	—	28	—	—	—	—	—	—	—
Guatemala .....	—	—	—	—	—	—	—	—	—
India .....	—	—	—	7,417	—	—	—	—	—
Indonesia .....	—	—	—	63	—	—	—	—	—
Italy .....	—	—	—	—	42	—	—	295	295
Korea, South .....	—	—	—	28,505	1,607	—	—	—	—
Latvia .....	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	—	74	—	—	—	—	—
Mexico .....	—	—	—	—	—	—	58	18,808	18,866
Netherlands .....	—	61	—	—	29	—	—	2,919	2,919
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—
Norway .....	—	—	—	—	—	340	225	—	565
Oman .....	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	—	—
Russia .....	—	—	—	20	—	1,046	1,274	6,817	9,137
Spain .....	—	—	—	—	—	—	—	362	362
Sweden .....	—	—	—	—	—	—	—	724	724
Syria .....	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	—	3,967	3,967
United Kingdom .....	—	—	—	—	—	—	—	62	62
Vietnam .....	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. .....	—	—	—	—	—	—	—	—	—
Yemen .....	—	—	—	—	—	—	—	—	—
Other .....	587	0	—	4,817	1,218	773	1,081	2,117	3,971
<b>Total</b> .....	<b>855</b>	<b>111</b>	—	<b>53,677</b>	<b>5,073</b>	<b>3,968</b>	<b>8,828</b>	<b>62,053</b>	<b>74,849</b>
<b>Persian Gulf<sup>3</sup></b> .....	—	—	—	<b>342</b>	<b>527</b>	—	<b>333</b>	<b>498</b>	<b>831</b>

See footnotes at end of table.

**Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, 2016**  
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
<b>OPEC</b> .....	<b>1,432</b>	<b>210</b>	<b>2</b>	<b>1,762</b>	<b>2,464</b>	<b>4,048</b>	<b>-</b>	<b>97,135</b>	<b>1,261,076</b>	<b>3,180</b>	<b>265</b>	<b>3,446</b>
Algeria .....	952	-	-	-	-	-	-	48,029	66,544	51	131	182
Angola .....	-	-	-	-	-	-	-	3,359	61,492	159	9	168
Ecuador .....	-	-	-	-	-	-	-	706	87,565	237	2	239
Iran .....	-	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	1,591	155,122	419	4	424
Kuwait .....	-	-	-	138	-	-	-	228	76,687	209	1	210
Libya .....	-	-	-	-	-	-	-	1,577	5,828	12	4	16
Nigeria .....	-	210	-	-	-	-	-	10,366	86,173	207	28	235
Qatar .....	-	-	-	-	-	-	3,342	3,995	3,995	-	11	11
Saudi Arabia .....	380	-	-	-	-	-	-	2,807	404,925	1,099	8	1,106
United Arab Emirates .....	-	-	-	-	-	-	-	805	4,956	11	2	14
Venezuela .....	100	-	-	1,624	2,464	-	-	20,095	291,461	741	55	796
<b>Non-OPEC</b> .....	<b>8,352</b>	<b>1,626</b>	<b>1,981</b>	<b>1,865</b>	<b>10,838</b>	<b>10,268</b>	<b>14</b>	<b>709,884</b>	<b>2,419,151</b>	<b>4,670</b>	<b>1,940</b>	<b>6,610</b>
Argentina .....	17	377	-	510	-	26	-	12,357	16,798	12	34	46
Aruba .....	-	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	147	1,620	4	0	4
Bahamas .....	-	-	-	-	-	-	-	445	445	-	1	1
Bahrain .....	-	-	-	-	-	850	-	850	850	-	2	2
Belgium .....	1	-	-	-	-	171	-	22,472	22,472	-	61	61
Brazil .....	61	-	42	1	-	24	-	8,041	60,977	145	22	167
Brunei .....	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	1,196	1,196	-	3	3
Canada .....	1,063	860	667	594	9,809	3,817	14	202,436	1,383,506	3,227	553	3,780
Chad .....	-	-	-	-	-	-	-	-	24,387	67	-	67
China .....	-	-	715	-	-	-	-	7,855	7,855	-	21	21
Colombia .....	-	-	-	225	64	-	-	15,210	176,811	442	42	483
Congo (Brazzaville) .....	-	-	-	-	-	-	-	778	1,925	3	2	5
Denmark .....	-	-	-	-	-	-	-	534	1,161	2	1	3
Egypt .....	-	-	24	-	-	-	1	792	4,625	10	2	13
Equatorial Guinea .....	-	-	-	-	-	-	-	-	2,250	6	-	6
Estonia .....	-	-	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	6	-	8,299	8,299	-	23	23
France .....	15	209	-	-	-	111	-	13,843	13,843	-	38	38
Gabon .....	-	-	-	-	-	-	-	1,236	2,114	1	4	6
Germany .....	-	-	41	-	-	163	-	2,121	2,121	-	6	6
Guatemala .....	-	-	-	-	-	-	-	-	2,711	7	-	7
India .....	-	-	1	-	-	-	-	32,756	32,756	-	89	89
Indonesia .....	-	-	2	-	-	778	-	3,652	15,964	34	10	44
Italy .....	-	-	24	-	-	220	-	6,509	6,509	-	18	18
Korea, South .....	881	-	3	-	43	3,848	-	39,306	39,306	-	107	107
Latvia .....	-	-	-	-	-	-	-	417	417	-	1	1
Lithuania .....	-	-	-	-	-	-	-	634	634	-	2	2
Malaysia .....	-	-	160	-	-	-	-	3,251	4,908	5	9	13
Mexico .....	4,785	-	-	-	-	-	-	31,816	244,895	582	87	669
Netherlands .....	216	22	1	-	-	12	-	21,579	21,893	1	59	60
Netherlands Antilles .....	-	-	-	-	64	-	-	64	64	-	0	0
Norway .....	-	-	-	176	-	-	-	14,853	27,841	35	41	76
Oman .....	-	-	-	-	-	-	-	36	10,986	30	0	30
Portugal .....	-	-	-	-	-	-	-	9,365	9,365	-	26	26
Russia .....	-	-	-	-	-	330	-	147,314	161,286	38	402	441
Spain .....	-	-	7	-	505	180	-	18,042	18,042	-	49	49
Sweden .....	-	-	-	7	-	-	-	4,730	4,730	-	13	13
Syria .....	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	7,124	10,416	9	19	28
United Kingdom .....	509	14	-	314	-	209	-	37,516	44,586	19	103	122
Vietnam .....	-	-	-	-	-	-	-	-	1,403	4	-	4
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	21	21	-	0	0
Yemen .....	-	-	-	-	-	-	-	-	-	-	-	-
Other .....	804	144	294	38	353	-478	0	32,287	27,163	-13	90	76
<b>Total</b> .....	<b>9,784</b>	<b>1,836</b>	<b>1,983</b>	<b>3,627</b>	<b>13,302</b>	<b>14,316</b>	<b>14</b>	<b>807,019</b>	<b>3,680,227</b>	<b>7,850</b>	<b>2,205</b>	<b>10,055</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>380</b>	<b>-</b>	<b>-</b>	<b>138</b>	<b>-</b>	<b>4,192</b>	<b>-</b>	<b>10,276</b>	<b>646,535</b>	<b>1,738</b>	<b>28</b>	<b>1,766</b>

- = No Data Reported.

<sup>1</sup> Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

<sup>2</sup> Includes crude oil imported for storage in the Strategic Petroleum Reserve.

<sup>3</sup> Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

**Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, 2016**  
(Thousand Barrels)

Country of Origin	Crude Oil <sup>1,2</sup>	Natural Gas Liquids	Refinery Olefins	Unfinished Oils <sup>1</sup>	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>OPEC</b> .....	<b>159,809</b>	<b>577</b>	<b>-</b>	<b>1,720</b>	<b>-</b>	<b>2</b>	<b>2</b>	<b>-</b>	<b>13,286</b>	<b>13,286</b>
Algeria .....	10,646	577	-	1,277	-	-	-	-	-	-
Angola .....	28,232	-	-	-	-	-	-	-	323	323
Ecuador .....	-	-	-	-	-	-	-	-	521	521
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	19,229	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-
Nigeria .....	65,998	-	-	443	-	2	2	-	8,120	8,120
Qatar .....	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	21,512	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-
Venezuela .....	13,753	-	-	-	-	-	-	-	4,067	4,067
<b>Non-OPEC</b> .....	<b>151,459</b>	<b>12,502</b>	<b>3,263</b>	<b>12,938</b>	<b>-</b>	<b>19,747</b>	<b>19,747</b>	<b>69,115</b>	<b>127,342</b>	<b>196,457</b>
Argentina .....	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	20	20
Bahrain .....	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	35	-	1,264	1,264	452	3,846	4,298
Brazil .....	5,274	-	-	-	-	258	258	-	2,112	2,112
Brunei .....	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-
Canada .....	77,372	11,791	3,263	193	-	10,006	10,006	32,544	13,165	45,709
Chad .....	10,509	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	271	271
Colombia .....	29,976	-	-	294	-	-	-	-	4,076	4,076
Congo (Brazzaville) .....	1,147	-	-	-	-	-	-	-	56	56
Denmark .....	-	-	-	73	-	-	-	110	77	187
Egypt .....	995	-	-	-	-	-	-	-	435	435
Equatorial Guinea .....	1,298	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	57	-	207	207	227	7,237	7,464
France .....	-	-	-	241	-	332	332	7,213	1,186	8,399
Gabon .....	439	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	165	32	197
Guatemala .....	-	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	23	23	301	17,580	17,881
Indonesia .....	-	-	-	-	-	-	-	-	255	255
Italy .....	-	-	-	677	-	299	299	151	2,622	2,773
Korea, South .....	-	-	-	-	-	63	63	-	606	606
Latvia .....	-	-	-	-	-	-	-	-	417	417
Lithuania .....	-	-	-	-	-	20	20	-	614	614
Malaysia .....	-	-	-	-	-	-	-	-	26	26
Mexico .....	4,941	-	-	-	-	-	-	-	601	601
Netherlands .....	-	-	-	86	-	1,633	1,633	5,732	6,173	11,905
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-
Norway .....	11,764	43	-	-	-	335	335	138	9,490	9,628
Oman .....	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	1,452	1,452	2,670	4,457	7,127
Russia .....	-	-	-	7,450	-	196	196	644	16,541	17,185
Spain .....	-	-	-	321	-	852	852	-	14,639	14,639
Sweden .....	-	668	-	268	-	308	308	98	605	703
Syria .....	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	347	-	-	-	-	457	457	-	1,718	1,718
United Kingdom .....	2,189	-	-	1,668	-	1,578	1,578	18,656	12,664	31,320
Vietnam .....	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	-	21	21
Yemen .....	-	-	-	-	-	-	-	-	-	-
Other .....	5,208	0	0	1,575	-	464	464	14	5,800	5,814
<b>Total</b> .....	<b>311,268</b>	<b>13,079</b>	<b>3,263</b>	<b>14,658</b>	<b>-</b>	<b>19,749</b>	<b>19,749</b>	<b>69,115</b>	<b>140,628</b>	<b>209,743</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>40,741</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

See footnotes at end of table.

**Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, 2016**  
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
<b>OPEC</b> .....	-	-	-	808	-	-	325	-	328	-	653
Algeria .....	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	325	-	328	-	653
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	-	12	7,589	544	-	30,675	1,271	11,141	393	43,480
Argentina .....	-	-	-	5,996	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	270	-	-	-	270
Brazil .....	-	-	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-	-
Canada .....	-	-	12	1,004	-	-	23,329	670	10,101	100	34,200
Chad .....	-	-	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	386	-	-	-	386
Colombia .....	-	-	-	-	-	-	300	601	73	300	974
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	200	-	200
Denmark .....	-	-	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	333	-	-	-	333
France .....	-	-	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	589	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	1,512	-	-	293	1,805
Indonesia .....	-	-	-	808	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	-	400	-	-	-	400
Latvia .....	-	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	350	-	-	-	350
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	500	-	-	-	500
Russia .....	-	-	-	-	-	-	3,035	-	-	-	3,035
Spain .....	-	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	286	-	286
Syria .....	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	481	-	481
United Kingdom .....	-	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-	-	-
Other .....	-	-	0	-808	544	-	260	0	0	-300	260
<b>Total</b> .....	-	-	12	8,397	544	-	31,000	1,271	11,469	393	44,133
<b>Persian Gulf<sup>3</sup></b> .....	-	-	-	-	-	-	325	-	328	-	653

See footnotes at end of table.

**Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, 2016**  
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			Total
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	
<b>OPEC</b> .....	—	—	—	3,802	—	1,244	374	978	2,596
Algeria .....	—	—	—	—	—	1,244	—	—	1,244
Angola .....	—	—	—	—	—	—	—	—	—
Ecuador .....	—	—	—	—	—	—	—	—	—
Iran .....	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	—
Kuwait .....	—	—	—	90	—	—	—	—	—
Libya .....	—	—	—	—	—	—	—	—	—
Nigeria .....	—	—	—	—	—	—	374	—	374
Qatar .....	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	227	—	—	—	—	—
United Arab Emirates .....	—	—	—	—	—	—	—	—	—
Venezuela .....	—	—	—	3,485	—	—	—	978	978
<b>Non-OPEC</b> .....	854	12	—	16,783	—	590	3,005	22,544	26,139
Argentina .....	—	—	—	—	—	—	—	—	—
Aruba .....	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	—	—	78	78
Bahrain .....	—	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	—	—	—	—	—	—
Brazil .....	—	—	—	—	—	—	348	184	532
Brunei .....	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	387	—	—	387
Canada .....	—	12	—	3,425	—	—	1,581	8,619	10,200
Chad .....	—	—	—	—	—	—	—	—	—
China .....	267	—	—	842	—	—	—	—	—
Colombia .....	—	—	—	—	—	—	—	5,312	5,312
Congo (Brazzaville) .....	—	—	—	—	—	—	477	—	477
Denmark .....	—	—	—	—	—	—	—	4	4
Egypt .....	—	—	—	—	—	—	—	—	—
Equatorial Guinea .....	—	—	—	—	—	—	—	—	—
Estonia .....	—	—	—	—	—	—	—	—	—
Finland .....	—	—	—	—	—	—	37	—	37
France .....	—	—	—	—	—	—	6	—	6
Gabon .....	—	—	—	—	—	—	156	—	156
Germany .....	—	—	—	—	—	—	—	—	—
Guatemala .....	—	—	—	—	—	—	—	—	—
India .....	—	—	—	7,391	—	—	—	—	—
Indonesia .....	—	—	—	—	—	—	—	—	—
Italy .....	—	—	—	—	—	—	—	—	—
Korea, South .....	—	—	—	4,649	—	—	—	—	—
Latvia .....	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	—	—	—	—	—	—	—
Mexico .....	—	—	—	—	—	—	58	1,054	1,112
Netherlands .....	—	—	—	—	—	—	—	1,703	1,703
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—
Norway .....	—	—	—	—	—	—	—	—	—
Oman .....	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	—	—
Russia .....	—	—	—	—	—	—	342	1,382	1,724
Spain .....	—	—	—	—	—	—	—	—	—
Sweden .....	—	—	—	—	—	—	—	583	583
Syria .....	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	—	3,277	3,277
United Kingdom .....	—	—	—	—	—	—	—	—	—
Vietnam .....	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. .....	—	—	—	—	—	—	—	—	—
Yemen .....	—	—	—	—	—	—	—	—	—
Other .....	587	0	—	476	—	203	0	348	551
<b>Total</b> .....	854	12	—	20,585	—	1,834	3,379	23,522	28,735
<b>Persian Gulf<sup>3</sup></b> .....	—	—	—	317	—	—	—	—	—

See footnotes at end of table.

**Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, 2016**  
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
<b>OPEC</b> .....	—	—	—	1,624	2,392	68	—	27,529	187,338	437	75	512
Algeria .....	—	—	—	—	—	—	—	3,098	13,744	29	8	38
Angola .....	—	—	—	—	—	—	—	323	28,555	77	1	78
Ecuador .....	—	—	—	—	—	—	—	521	521	—	1	1
Iran .....	—	—	—	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	19,229	53	—	53
Kuwait .....	—	—	—	—	—	—	—	90	90	—	0	0
Libya .....	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria .....	—	—	—	—	—	—	—	8,939	74,937	180	24	205
Qatar .....	—	—	—	—	—	68	—	721	721	—	2	2
Saudi Arabia .....	—	—	—	—	—	—	—	227	21,739	59	1	59
United Arab Emirates .....	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela .....	—	—	—	1,624	2,392	—	—	12,546	26,299	38	34	72
<b>Non-OPEC</b> .....	15	14	1,034	238	6,440	2,072	—	350,143	501,602	414	957	1,370
Argentina .....	—	—	—	—	—	5	—	6,001	6,001	—	16	16
Aruba .....	—	—	—	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	—	—	98	98	—	0	0
Bahrain .....	—	—	—	—	—	—	—	—	—	—	—	—
Belgium .....	1	—	—	—	—	53	—	5,921	5,921	—	16	16
Brazil .....	—	—	42	—	—	24	—	2,968	8,242	14	8	23
Brunei .....	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	387	387	—	1	1
Canada .....	16	13	535	13	5,682	1,305	—	127,350	204,722	211	348	559
Chad .....	—	—	—	—	—	—	—	—	10,509	29	—	29
China .....	—	—	221	—	—	—	—	1,987	1,987	—	5	5
Colombia .....	—	—	—	225	64	—	—	10,945	40,921	82	30	112
Congo (Brazzaville) .....	—	—	—	—	—	—	—	733	1,880	3	2	5
Denmark .....	—	—	—	—	—	—	—	264	264	—	1	1
Egypt .....	—	—	24	—	—	—	—	459	1,454	3	1	4
Equatorial Guinea .....	—	—	—	—	—	—	—	—	1,298	4	—	4
Estonia .....	—	—	—	—	—	—	—	—	—	—	—	—
Finland .....	—	—	—	—	—	—	—	8,098	8,098	—	22	22
France .....	—	—	—	—	—	79	—	9,057	9,057	—	25	25
Gabon .....	—	—	—	—	—	—	—	156	1,190	1	0	4
Germany .....	—	—	38	—	—	80	—	904	904	—	2	2
Guatemala .....	—	—	—	—	—	—	—	—	—	—	—	—
India .....	—	—	—	—	—	—	—	27,100	27,100	—	74	74
Indonesia .....	—	—	1	—	—	—	—	1,064	1,064	—	3	3
Italy .....	—	—	24	—	—	25	—	3,798	3,798	—	10	10
Korea, South .....	—	—	3	—	—	150	—	5,871	5,871	—	16	16
Latvia .....	—	—	—	—	—	—	—	417	417	—	1	1
Lithuania .....	—	—	—	—	—	—	—	634	634	—	2	2
Malaysia .....	—	—	4	—	—	—	—	30	30	—	0	0
Mexico .....	—	—	—	—	—	—	—	1,713	6,654	14	5	18
Netherlands .....	14	—	1	—	—	—	—	15,692	15,692	—	43	43
Netherlands Antilles .....	—	—	—	—	64	—	—	64	64	—	0	0
Norway .....	—	—	—	—	—	—	—	10,006	21,770	32	27	59
Oman .....	—	—	—	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	9,079	9,079	—	25	25
Russia .....	—	—	—	—	—	330	—	29,930	29,930	—	82	82
Spain .....	—	—	6	—	307	19	—	16,144	16,144	—	44	44
Sweden .....	—	—	—	—	—	—	—	2,816	2,816	—	8	8
Syria .....	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	—	5,933	6,280	1	16	17
United Kingdom .....	—	14	—	—	—	—	—	34,580	36,769	6	94	100
Vietnam .....	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. .....	—	—	—	—	—	—	—	21	21	—	0	0
Yemen .....	—	—	—	—	—	—	—	—	—	—	—	—
Other .....	-16	-13	135	0	323	2	—	9,923	14,536	14	30	40
<b>Total</b> .....	15	14	1,035	1,862	8,832	2,140	—	377,672	688,940	850	1,032	1,882
<b>Persian Gulf<sup>3</sup></b> .....	—	—	—	—	—	68	—	1,038	41,779	111	3	114

— = No Data Reported.

<sup>1</sup> Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

<sup>2</sup> Includes crude oil imported for storage in the Strategic Petroleum Reserve.

<sup>3</sup> Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

**Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, 2016**  
(Thousand Barrels)

Country of Origin	Crude Oil <sup>1,2</sup>	Natural Gas Liquids	Refinery Olefins	Unfinished Oils <sup>1</sup>	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>OPEC</b> .....	<b>14,251</b>	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	14,251	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	<b>788,979</b>	<b>24,948</b>	<b>5,723</b>	-	-	<b>65</b>	<b>65</b>	-	<b>2,356</b>	<b>2,356</b>
Argentina .....	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-
Canada .....	788,469	24,948	5,723	-	-	65	65	-	2,356	2,356
Chad .....	-	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	-	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-	-
Mexico .....	510	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	-	-	-
Spain .....	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-	-
Other .....	0	0	0	-	-	0	0	-	0	0
<b>Total</b> .....	<b>803,230</b>	<b>24,948</b>	<b>5,723</b>	-	-	<b>65</b>	<b>65</b>	-	<b>2,356</b>	<b>2,356</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>14,251</b>	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, 2016**  
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
<b>OPEC</b> .....	-	-	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	-	-	660	-	-	504	-	163	122	789
Argentina .....	-	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-	-
Canada .....	-	-	-	660	-	-	504	-	163	122	789
Chad .....	-	-	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	-	-	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	-	-	-	-
Spain .....	-	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-	-	-
Other .....	-	-	-	0	-	-	0	-	0	0	0
<b>Total</b> .....	-	-	-	660	-	-	504	-	163	122	789
<b>Persian Gulf<sup>3</sup></b> .....	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, 2016**  
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			Total
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	
<b>OPEC</b> .....	—	—	—	5	—	—	—	—	—
Algeria .....	—	—	—	—	—	—	—	—	—
Angola .....	—	—	—	—	—	—	—	—	—
Ecuador .....	—	—	—	5	—	—	—	—	—
Iran .....	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	—
Kuwait .....	—	—	—	—	—	—	—	—	—
Libya .....	—	—	—	—	—	—	—	—	—
Nigeria .....	—	—	—	—	—	—	—	—	—
Qatar .....	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	—	—	—	—	—	—
United Arab Emirates .....	—	—	—	—	—	—	—	—	—
Venezuela .....	—	—	—	—	—	—	—	—	—
<b>Non-OPEC</b> .....	<b>1</b>	<b>2</b>	—	—	<b>566</b>	—	<b>758</b>	<b>578</b>	<b>1,336</b>
Argentina .....	—	—	—	—	—	—	—	—	—
Aruba .....	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	—	—	—	—
Bahrain .....	—	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	—	—	—	—	—	—
Brazil .....	—	—	—	—	—	—	—	—	—
Brunei .....	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	—	—
Canada .....	1	2	—	—	566	—	758	578	1,336
Chad .....	—	—	—	—	—	—	—	—	—
China .....	—	—	—	—	—	—	—	—	—
Colombia .....	—	—	—	—	—	—	—	—	—
Congo (Brazzaville) .....	—	—	—	—	—	—	—	—	—
Denmark .....	—	—	—	—	—	—	—	—	—
Egypt .....	—	—	—	—	—	—	—	—	—
Equatorial Guinea .....	—	—	—	—	—	—	—	—	—
Estonia .....	—	—	—	—	—	—	—	—	—
Finland .....	—	—	—	—	—	—	—	—	—
France .....	—	—	—	—	—	—	—	—	—
Gabon .....	—	—	—	—	—	—	—	—	—
Germany .....	—	—	—	—	—	—	—	—	—
Guatemala .....	—	—	—	—	—	—	—	—	—
India .....	—	—	—	—	—	—	—	—	—
Indonesia .....	—	—	—	—	—	—	—	—	—
Italy .....	—	—	—	—	—	—	—	—	—
Korea, South .....	—	—	—	—	—	—	—	—	—
Latvia .....	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	—	—	—	—	—	—	—
Mexico .....	—	—	—	—	—	—	—	—	—
Netherlands .....	—	—	—	—	—	—	—	—	—
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—
Norway .....	—	—	—	—	—	—	—	—	—
Oman .....	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	—	—
Russia .....	—	—	—	—	—	—	—	—	—
Spain .....	—	—	—	—	—	—	—	—	—
Sweden .....	—	—	—	—	—	—	—	—	—
Syria .....	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	—	—	—
United Kingdom .....	—	—	—	—	—	—	—	—	—
Vietnam .....	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. .....	—	—	—	—	—	—	—	—	—
Yemen .....	—	—	—	—	—	—	—	—	—
Other .....	0	0	—	0	0	—	0	0	0
<b>Total</b> .....	<b>1</b>	<b>2</b>	—	<b>5</b>	<b>566</b>	—	<b>758</b>	<b>578</b>	<b>1,336</b>
<b>Persian Gulf<sup>3</sup></b> .....	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

**Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, 2016**  
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
<b>OPEC</b> .....	—	—	—	—	—	4	—	9	14,260	39	0	39
Algeria .....	—	—	—	—	—	—	—	—	—	—	—	—
Angola .....	—	—	—	—	—	—	—	—	—	—	—	—
Ecuador .....	—	—	—	—	—	—	—	5	5	—	0	0
Iran .....	—	—	—	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	—	—	—	—
Kuwait .....	—	—	—	—	—	—	—	—	—	—	—	—
Libya .....	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria .....	—	—	—	—	—	—	—	—	—	—	—	—
Qatar .....	—	—	—	—	—	4	—	4	4	—	0	0
Saudi Arabia .....	—	—	—	—	—	—	—	—	14,251	39	—	39
United Arab Emirates .....	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela .....	—	—	—	—	—	—	—	—	—	—	—	—
<b>Non-OPEC</b> .....	<b>1,063</b>	<b>836</b>	<b>77</b>	<b>235</b>	<b>2,694</b>	<b>2,436</b>	<b>—</b>	<b>43,891</b>	<b>832,870</b>	<b>2,156</b>	<b>120</b>	<b>2,276</b>
Argentina .....	—	—	—	—	—	—	—	—	—	—	—	—
Aruba .....	—	—	—	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain .....	—	—	—	—	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	—	—	—	—	—	—	—	—	—
Brazil .....	—	—	—	1	—	—	—	1	1	—	0	0
Brunei .....	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	—	—	—	—	—
Canada .....	1,063	836	77	227	2,694	2,429	—	43,876	832,345	2,154	120	2,274
Chad .....	—	—	—	—	—	—	—	—	—	—	—	—
China .....	—	—	—	—	—	—	—	—	—	—	—	—
Colombia .....	—	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville) .....	—	—	—	—	—	—	—	—	—	—	—	—
Denmark .....	—	—	—	—	—	—	—	—	—	—	—	—
Egypt .....	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea .....	—	—	—	—	—	—	—	—	—	—	—	—
Estonia .....	—	—	—	—	—	—	—	—	—	—	—	—
Finland .....	—	—	—	—	—	—	—	—	—	—	—	—
France .....	—	—	—	—	—	—	—	—	—	—	—	—
Gabon .....	—	—	—	—	—	—	—	—	—	—	—	—
Germany .....	—	—	—	—	—	7	—	7	7	—	0	0
Guatemala .....	—	—	—	—	—	—	—	—	—	—	—	—
India .....	—	—	—	—	—	—	—	—	—	—	—	—
Indonesia .....	—	—	—	—	—	—	—	—	—	—	—	—
Italy .....	—	—	—	—	—	—	—	—	—	—	—	—
Korea, South .....	—	—	—	—	—	—	—	—	—	—	—	—
Latvia .....	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	—	—	—	—	—	—	—	—	—	—
Mexico .....	—	—	—	—	—	—	—	—	510	1	—	1
Netherlands .....	—	—	—	—	—	—	—	—	—	—	—	—
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—	—	—	—
Norway .....	—	—	—	—	—	—	—	—	—	—	—	—
Oman .....	—	—	—	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	—	—	—	—	—
Russia .....	—	—	—	—	—	—	—	—	—	—	—	—
Spain .....	—	—	—	—	—	—	—	—	—	—	—	—
Sweden .....	—	—	—	7	—	—	—	7	7	—	0	0
Syria .....	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	—	—	—	—	—	—
United Kingdom .....	—	—	—	—	—	—	—	—	—	—	—	—
Vietnam .....	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. .....	—	—	—	—	—	—	—	—	—	—	—	—
Yemen .....	—	—	—	—	—	—	—	—	—	—	—	—
Other .....	0	0	0	0	0	0	—	0	0	1	0	1
<b>Total</b> .....	<b>1,063</b>	<b>836</b>	<b>77</b>	<b>235</b>	<b>2,694</b>	<b>2,440</b>	<b>—</b>	<b>43,900</b>	<b>847,130</b>	<b>2,195</b>	<b>120</b>	<b>2,315</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>4</b>	<b>—</b>	<b>4</b>	<b>14,255</b>	<b>39</b>	<b>0</b>	<b>39</b>

— = No Data Reported.

<sup>1</sup> Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

<sup>2</sup> Includes crude oil imported for storage in the Strategic Petroleum Reserve.

<sup>3</sup> Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

**Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, 2016**  
(Thousand Barrels)

Country of Origin	Crude Oil <sup>1,2</sup>	Natural Gas Liquids	Refinery Olefins	Unfinished Oils <sup>1</sup>	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>OPEC</b> .....	<b>732,093</b>	—	—	<b>46,123</b>	—	—	—	—	<b>2,475</b>	<b>2,475</b>
Algeria .....	7,869	—	—	38,732	—	—	—	—	515	515
Angola .....	19,195	—	—	3,036	—	—	—	—	—	—
Ecuador .....	12,762	—	—	—	—	—	—	—	—	—
Iran .....	—	—	—	—	—	—	—	—	—	—
Iraq .....	120,248	—	—	921	—	—	—	—	—	—
Kuwait .....	48,517	—	—	—	—	—	—	—	—	—
Libya .....	—	—	—	966	—	—	—	—	—	—
Nigeria .....	9,119	—	—	—	—	—	—	—	567	567
Qatar .....	—	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	257,654	—	—	1,351	—	—	—	—	—	—
United Arab Emirates .....	—	—	—	531	—	—	—	—	—	—
Venezuela .....	256,729	—	—	521	—	—	—	—	1,393	1,393
<b>Non-OPEC</b> .....	<b>500,283</b>	<b>4,735</b>	<b>287</b>	<b>126,866</b>	—	<b>808</b>	<b>808</b>	<b>638</b>	<b>11,687</b>	<b>11,687</b>
Argentina .....	1,584	—	—	166	—	—	—	—	219	219
Aruba .....	—	—	—	—	—	—	—	—	—	—
Australia .....	656	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	—	—	—	—	—
Bahrain .....	—	—	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	13,791	—	—	—	—	684	684
Brazil .....	38,438	—	—	296	—	65	65	—	1,074	1,074
Brunei .....	—	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	525	—	—	—	—	—	—
Canada .....	133,324	35	—	921	—	569	569	—	498	498
Chad .....	13,878	—	—	—	—	—	—	—	—	—
China .....	—	—	—	—	—	96	96	—	300	300
Colombia .....	85,936	—	—	990	—	—	—	—	1,218	1,218
Congo (Brazzaville) .....	—	—	—	45	—	—	—	—	—	—
Denmark .....	627	—	—	206	—	—	—	—	—	—
Egypt .....	2,838	—	—	199	—	—	—	—	—	—
Equatorial Guinea .....	—	—	—	—	—	—	—	—	—	—
Estonia .....	—	—	—	—	—	—	—	—	—	—
Finland .....	—	—	—	—	—	—	—	—	30	30
France .....	—	—	—	4,137	—	—	—	—	25	25
Gabon .....	—	—	—	924	—	—	—	—	—	—
Germany .....	—	—	—	498	—	—	—	—	—	—
Guatemala .....	2,711	—	—	—	—	—	—	—	—	—
India .....	—	—	—	1,786	—	—	—	—	830	830
Indonesia .....	—	—	—	—	—	—	—	—	—	—
Italy .....	—	—	45	1,106	—	—	—	—	309	309
Korea, South .....	—	—	—	214	—	4	4	—	82	82
Latvia .....	—	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	—	—	—	—	—	—	315	315
Mexico .....	206,928	3,782	199	687	—	—	—	—	2,676	2,676
Netherlands .....	—	—	43	1,831	—	57	57	—	—	—
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—	—
Norway .....	1,224	—	—	3,532	—	—	—	—	194	194
Oman .....	15	—	—	—	—	—	—	—	36	36
Portugal .....	—	—	—	—	—	—	—	—	286	286
Russia .....	2,545	—	—	90,101	—	—	—	—	537	537
Spain .....	—	—	—	369	—	17	17	—	790	790
Sweden .....	—	—	—	807	—	—	—	—	—	—
Syria .....	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	2,945	—	—	—	—	—	—	—	—	—
United Kingdom .....	4,881	—	—	337	—	—	—	638	520	520
Vietnam .....	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. .....	—	—	—	—	—	—	—	—	—	—
Yemen .....	—	—	—	—	—	—	—	—	—	—
Other .....	1,753	918	0	3,398	—	0	0	0	1,064	1,064
<b>Total</b> .....	<b>1,232,376</b>	<b>4,735</b>	<b>287</b>	<b>172,989</b>	—	<b>808</b>	<b>808</b>	<b>638</b>	<b>14,162</b>	<b>14,162</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>426,419</b>	—	—	<b>2,803</b>	—	—	—	—	—	—

See footnotes at end of table.

**Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, 2016**  
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
<b>OPEC</b> .....	262	—	—	1,678	—	—	—	—	150	—	150
Algeria .....	—	—	—	—	—	—	—	—	—	—	—
Angola .....	—	—	—	—	—	—	—	—	—	—	—
Ecuador .....	—	—	—	—	—	—	—	—	—	—	—
Iran .....	—	—	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	—	—	—
Kuwait .....	—	—	—	—	—	—	—	—	—	—	—
Libya .....	—	—	—	—	—	—	—	—	—	—	—
Nigeria .....	—	—	—	—	—	—	—	—	—	—	—
Qatar .....	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates .....	262	—	—	—	—	—	—	—	—	—	—
Venezuela .....	—	—	—	—	—	—	—	—	150	—	150
<b>Non-OPEC</b> .....	2,815	904	94	4,916	—	—	216	313	2,457	506	3,492
Argentina .....	193	—	—	4,683	—	—	—	—	—	—	—
Aruba .....	—	—	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	30	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	—	—	—	—	—	—
Bahrain .....	—	—	—	—	—	—	—	—	—	—	—
Belgium .....	553	—	—	—	—	—	—	—	—	—	—
Brazil .....	637	904	94	—	—	—	—	—	254	—	254
Brunei .....	—	—	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	—	—	—	162
Canada .....	—	—	—	135	—	—	—	—	300	—	300
Chad .....	—	—	—	—	—	—	—	—	—	—	—
China .....	—	—	—	—	—	—	—	—	—	—	—
Colombia .....	—	—	—	—	—	—	—	—	83	—	83
Congo (Brazzaville) .....	—	—	—	—	—	—	—	—	—	—	—
Denmark .....	—	—	—	—	—	—	—	—	—	—	—
Egypt .....	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea .....	—	—	—	—	—	—	—	—	—	—	—
Estonia .....	—	—	—	—	—	—	—	—	—	—	—
Finland .....	—	—	—	—	—	—	—	—	—	—	—
France .....	—	—	—	—	—	—	—	—	25	—	25
Gabon .....	—	—	—	—	—	—	—	—	—	—	—
Germany .....	199	—	—	—	—	—	—	—	51	—	62
Guatemala .....	—	—	—	—	—	—	—	—	—	—	—
India .....	—	—	—	—	—	—	—	—	—	18	18
Indonesia .....	—	—	—	1,746	—	—	—	—	—	—	—
Italy .....	—	—	—	—	—	—	—	—	—	—	220
Korea, South .....	—	—	—	—	—	—	—	—	—	—	—
Latvia .....	—	—	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	—	—	—	—	—	—	—	—	—
Mexico .....	—	—	—	—	—	—	—	—	220	—	220
Netherlands .....	954	—	—	—	—	—	—	—	42	—	157
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—	—	—
Norway .....	—	—	—	—	—	—	—	—	—	—	—
Oman .....	—	—	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	—	—	—	—
Russia .....	270	—	—	—	—	—	216	—	874	—	1,090
Spain .....	—	—	—	—	—	—	—	—	—	—	—
Sweden .....	—	—	—	—	—	—	—	—	388	—	588
Syria .....	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	—	—	—	—	—
United Kingdom .....	9	—	—	—	—	—	—	—	—	—	—
Vietnam .....	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. .....	—	—	—	—	—	—	—	—	—	—	—
Yemen .....	—	—	—	—	—	—	—	—	—	—	—
Other .....	0	0	0	-1,678	—	—	0	313	220	488	313
<b>Total</b> .....	<b>3,077</b>	<b>904</b>	<b>94</b>	<b>6,594</b>	<b>—</b>	<b>—</b>	<b>216</b>	<b>313</b>	<b>2,607</b>	<b>506</b>	<b>3,642</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>262</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>

See footnotes at end of table.

**Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, 2016**  
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			Total
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	
<b>OPEC</b> .....	—	—	—	—	527	12	1,155	5,632	6,799
Algeria .....	—	—	—	—	—	—	91	—	91
Angola .....	—	—	—	—	—	—	—	—	—
Ecuador .....	—	—	—	—	—	—	—	—	—
Iran .....	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	342	670
Kuwait .....	—	—	—	—	—	—	—	—	—
Libya .....	—	—	—	—	—	—	292	—	292
Nigeria .....	—	—	—	—	—	12	309	—	321
Qatar .....	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	—	527	—	5	155	160
United Arab Emirates .....	—	—	—	—	—	—	—	1	1
Venezuela .....	—	—	—	—	—	—	130	5,134	5,264
<b>Non-OPEC</b> .....	—	28	—	—	3,980	2,122	3,271	14,902	20,295
Argentina .....	—	—	—	—	—	—	—	—	—
Aruba .....	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	—	—	—	—
Bahrain .....	—	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	—	—	40	—	143	183
Brazil .....	—	—	—	—	147	—	689	—	689
Brunei .....	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	—	—
Canada .....	—	—	—	—	937	126	137	—	263
Chad .....	—	—	—	—	—	—	—	—	—
China .....	—	—	—	—	—	—	—	—	—
Colombia .....	—	—	—	—	—	—	256	1,501	1,757
Congo (Brazzaville) .....	—	—	—	—	—	—	—	—	—
Denmark .....	—	—	—	—	—	—	—	14	14
Egypt .....	—	—	—	—	—	—	—	—	—
Equatorial Guinea .....	—	—	—	—	—	—	—	—	—
Estonia .....	—	—	—	—	—	—	—	—	—
Finland .....	—	—	—	—	—	—	—	6	6
France .....	—	—	—	—	—	—	176	58	234
Gabon .....	—	—	—	—	—	—	—	—	—
Germany .....	—	28	—	—	—	—	—	—	—
Guatemala .....	—	—	—	—	—	—	—	—	—
India .....	—	—	—	—	—	—	—	—	—
Indonesia .....	—	—	—	—	—	—	—	—	—
Italy .....	—	—	—	—	42	—	—	295	295
Korea, South .....	—	—	—	—	1,607	—	—	—	—
Latvia .....	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	—	—	—	—	—	—	—
Mexico .....	—	—	—	—	—	—	—	6,358	6,358
Netherlands .....	—	—	—	—	29	—	—	—	—
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—
Norway .....	—	—	—	—	—	340	225	—	565
Oman .....	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	—	—
Russia .....	—	—	—	—	—	1,046	707	5,260	7,013
Spain .....	—	—	—	—	—	—	—	362	362
Sweden .....	—	—	—	—	—	—	—	141	141
Syria .....	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	—	349	349
United Kingdom .....	—	—	—	—	—	—	—	62	62
Vietnam .....	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. .....	—	—	—	—	—	—	—	—	—
Yemen .....	—	—	—	—	—	—	—	—	—
Other .....	—	0	—	—	1,218	570	1,081	353	2,004
<b>Total</b> .....	—	28	—	—	4,507	2,134	4,426	20,534	27,094
<b>Persian Gulf<sup>3</sup></b> .....	—	—	—	—	527	—	333	498	831

See footnotes at end of table.

**Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, 2016**  
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
<b>OPEC</b> .....	<b>1,432</b>	<b>210</b>	<b>—</b>	<b>138</b>	<b>72</b>	<b>3,976</b>	<b>—</b>	<b>63,842</b>	<b>795,935</b>	<b>2,000</b>	<b>174</b>	<b>2,175</b>
Algeria .....	952	—	—	—	—	—	—	40,290	48,159	22	110	132
Angola .....	—	—	—	—	—	—	—	3,036	22,231	52	8	61
Ecuador .....	—	—	—	—	—	—	—	—	12,762	35	—	35
Iran .....	—	—	—	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	1,591	121,839	329	4	333
Kuwait .....	—	—	—	138	—	—	—	138	48,655	133	0	133
Libya .....	—	—	—	—	—	—	—	1,258	1,258	—	3	3
Nigeria .....	—	210	—	—	—	—	—	1,098	10,217	25	3	28
Qatar .....	—	—	—	—	—	3,270	—	3,270	3,270	—	9	9
Saudi Arabia .....	380	—	—	—	—	—	—	2,418	260,072	704	7	711
United Arab Emirates .....	—	—	—	—	—	—	—	794	794	—	2	2
Venezuela .....	100	—	—	—	72	—	—	7,500	264,229	701	20	722
<b>Non-OPEC</b> .....	<b>6,858</b>	<b>776</b>	<b>344</b>	<b>1,038</b>	<b>30</b>	<b>5,563</b>	<b>—</b>	<b>195,607</b>	<b>695,890</b>	<b>1,367</b>	<b>534</b>	<b>1,901</b>
Argentina .....	17	377	—	510	—	21	—	6,186	7,770	4	17	21
Aruba .....	—	—	—	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	30	686	2	0	2
Bahamas .....	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain .....	—	—	—	—	—	850	—	850	850	—	2	2
Belgium .....	—	—	—	—	—	117	—	15,328	15,328	—	42	42
Brazil .....	61	—	—	—	—	—	—	4,238	42,676	105	12	117
Brunei .....	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	687	687	—	2	2
Canada .....	40	24	—	—	—	—	—	3,682	137,006	364	10	374
Chad .....	—	—	—	—	—	—	—	—	13,878	38	—	38
China .....	—	—	137	—	—	—	—	533	533	—	1	1
Colombia .....	—	—	—	—	—	—	—	4,048	89,984	235	11	246
Congo (Brazzaville) .....	—	—	—	—	—	—	—	45	45	—	0	0
Denmark .....	—	—	—	—	—	—	—	220	847	2	1	2
Egypt .....	—	—	—	—	—	1	—	200	3,038	8	1	8
Equatorial Guinea .....	—	—	—	—	—	—	—	—	—	—	—	—
Estonia .....	—	—	—	—	—	—	—	—	—	—	—	—
Finland .....	—	—	—	—	—	6	—	42	42	—	0	0
France .....	15	209	—	—	—	32	—	4,677	4,677	—	13	13
Gabon .....	—	—	—	—	—	—	—	924	924	—	2	2
Germany .....	—	—	2	—	—	76	—	872	872	—	2	2
Guatemala .....	—	—	—	—	—	—	—	—	2,711	7	—	7
India .....	—	—	1	—	—	—	—	2,635	2,635	—	7	7
Indonesia .....	—	—	—	—	—	778	—	2,524	2,524	—	7	7
Italy .....	—	—	—	—	—	195	—	2,226	2,226	—	6	6
Korea, South .....	689	—	—	—	—	3,595	—	6,205	6,205	—	17	17
Latvia .....	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	155	—	—	—	—	470	470	—	1	1
Mexico .....	4,785	—	—	—	—	—	—	18,707	225,635	565	51	616
Netherlands .....	202	22	—	—	—	12	—	3,318	3,318	—	9	9
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—	—	—	—
Norway .....	—	—	—	176	—	—	—	4,467	5,691	3	12	16
Oman .....	—	—	—	—	—	—	—	36	51	0	0	0
Portugal .....	—	—	—	—	—	—	—	286	286	—	1	1
Russia .....	—	—	—	—	—	—	—	99,013	101,558	7	271	277
Spain .....	—	—	1	—	—	161	—	1,700	1,700	—	5	5
Sweden .....	—	—	—	—	—	—	—	1,536	1,536	—	4	4
Syria .....	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	—	349	3,294	8	1	9
United Kingdom .....	509	—	—	314	—	209	—	1,960	6,841	13	5	19
Vietnam .....	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. .....	—	—	—	—	—	—	—	—	—	—	—	—
Yemen .....	—	—	—	—	—	—	—	—	—	—	—	—
Other .....	540	144	48	38	30	-490	—	7,613	9,366	6	21	28
<b>Total</b> .....	<b>8,290</b>	<b>986</b>	<b>344</b>	<b>1,176</b>	<b>102</b>	<b>9,539</b>	<b>—</b>	<b>259,449</b>	<b>1,491,825</b>	<b>3,367</b>	<b>709</b>	<b>4,076</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>380</b>	<b>—</b>	<b>—</b>	<b>138</b>	<b>—</b>	<b>4,120</b>	<b>—</b>	<b>9,061</b>	<b>435,480</b>	<b>1,165</b>	<b>25</b>	<b>1,190</b>

— = No Data Reported.

<sup>1</sup> Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

<sup>2</sup> Includes crude oil imported for storage in the Strategic Petroleum Reserve.

<sup>3</sup> Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

**Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, 2016**  
(Thousand Barrels)

Country of Origin	Crude Oil <sup>1,2</sup>	Natural Gas Liquids	Refinery Olefins	Unfinished Oils <sup>1</sup>	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>PAD District 4</b>										
<b>OPEC</b> .....	-	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	<b>96,485</b>	<b>3,945</b>	-	-	-	-	-	-	<b>644</b>	<b>644</b>
Canada .....	96,485	3,945	-	-	-	-	-	-	644	644
Other .....	0	0	-	-	-	-	-	-	0	0
<b>Total</b> .....	<b>96,485</b>	<b>3,945</b>	-	-	-	-	-	-	<b>644</b>	<b>644</b>
<b>PAD District 5</b>										
<b>OPEC</b> .....	<b>257,788</b>	-	-	<b>5,429</b>	-	-	-	<b>5</b>	-	<b>5</b>
Algeria .....	-	-	-	4,641	-	-	-	-	-	-
Angola .....	10,706	-	-	-	-	-	-	-	-	-
Ecuador .....	74,097	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	14,054	-	-	-	-	-	-	-	-	-
Kuwait .....	27,942	-	-	-	-	-	-	-	-	-
Libya .....	4,251	-	-	311	-	-	-	-	-	-
Nigeria .....	690	-	-	329	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	108,701	-	-	148	-	-	-	-	-	-
United Arab Emirates .....	4,151	-	-	-	-	-	-	-	-	-
Venezuela .....	884	-	-	-	-	-	-	-	-	5
<b>Non-OPEC</b> .....	<b>172,061</b>	<b>10,007</b>	<b>38</b>	<b>28,573</b>	-	<b>1,022</b>	<b>1,022</b>	<b>722</b>	<b>9,769</b>	<b>10,491</b>
Argentina .....	2,857	170	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-
Australia .....	817	117	-	-	-	-	-	-	-	-
Brazil .....	9,224	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-
Canada .....	85,420	9,268	38	267	-	714	714	-	5,010	5,010
China .....	-	-	-	-	-	-	-	-	-	-
Colombia .....	45,689	-	-	-	-	-	-	-	192	192
Finland .....	-	-	-	159	-	-	-	-	-	-
Germany .....	-	-	-	333	-	-	-	4	-	4
Indonesia .....	12,312	-	-	-	-	-	-	-	-	-
Japan .....	-	-	-	210	-	-	-	-	474	474
Korea, South .....	-	119	-	575	-	169	169	-	816	816
Malaysia .....	1,657	-	-	2,676	-	-	-	-	-	-
Mexico .....	700	-	-	-	-	-	-	-	-	-
Netherlands .....	314	-	-	979	-	39	39	45	229	274
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-
Oman .....	10,935	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	-	-	-	-	-	-	-	-	-	-
Peru .....	666	120	-	408	-	-	-	-	-	-
Singapore .....	-	-	-	602	-	-	-	239	97	336
Sweden .....	-	-	-	371	-	-	-	-	-	-
Taiwan .....	-	-	-	-	-	-	-	-	520	520
United Kingdom .....	-	-	-	463	-	42	42	168	303	471
Vietnam .....	1,403	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	-	-	-
Other .....	67	213	0	21,530	-	58	58	266	2,128	2,394
<b>Total</b> .....	<b>429,849</b>	<b>10,007</b>	<b>38</b>	<b>34,002</b>	-	<b>1,022</b>	<b>1,022</b>	<b>727</b>	<b>9,769</b>	<b>10,496</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>154,848</b>	-	-	<b>148</b>	-	-	-	-	-	-

See footnotes at end of table.

**Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, 2016**  
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
<b>PAD District 4</b>											
<b>OPEC</b> .....	-	-	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	-	-	146	-	-	58	-	-	-	58
Canada .....	-	-	-	146	-	-	58	-	-	-	58
Other .....	-	-	-	0	-	-	0	-	-	-	0
<b>Total</b> .....	-	-	-	146	-	-	58	-	-	-	58
<b>PAD District 5</b>											
<b>OPEC</b> .....	-	-	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	-	756	1,082	4,760	-	4,749	54	217	-	5,020
Argentina .....	-	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	756	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-	-
Canada .....	-	-	-	547	-	-	2,589	-	69	-	2,658
China .....	-	-	-	-	-	-	412	-	-	-	412
Colombia .....	-	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-	-
Japan .....	-	-	-	-	-	-	980	-	-	-	980
Korea, South .....	-	-	-	535	-	-	768	54	-	-	822
Malaysia .....	-	-	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	-	-	-	-	-	-	-	-	-	-	-
Peru .....	-	-	-	-	-	-	-	-	-	-	-
Singapore .....	-	-	-	-	-	-	-	-	148	-	148
Sweden .....	-	-	-	-	-	-	-	-	-	-	-
Taiwan .....	-	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	-	-	-	-
Other .....	-	-	0	0	4,760	-	0	0	0	-	0
<b>Total</b> .....	-	-	756	1,082	4,760	-	4,749	54	217	-	5,020
<b>Persian Gulf<sup>3</sup></b> .....	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, 2016**  
(Thousand Barrels) – Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			Total
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	
<b>PAD District 4</b>									
<b>OPEC</b> .....	-	-	-	14	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	8	-	5	-	-	-	-	-
Canada .....	-	8	-	-	-	-	-	-	-
Other .....	-	0	-	5	-	-	-	-	-
<b>Total</b> .....	-	8	-	19	-	-	-	-	-
<b>PAD District 5</b>									
<b>OPEC</b> .....	-	-	-	82	-	-	329	224	224
Algeria .....	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	180	180
Iran .....	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	8	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	329
Qatar .....	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	11	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	44	44
<b>Non-OPEC</b> .....	-	61	-	32,986	-	-	265	17,195	17,460
Argentina .....	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	78	78
Brunei .....	-	-	-	-	-	-	-	-	-
Canada .....	-	-	-	40	-	-	40	2,206	2,246
China .....	-	-	-	4,566	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	20	20
Finland .....	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	63	-	-	-	-	-
Japan .....	-	-	-	3,770	-	-	-	-	-
Korea, South .....	-	-	-	23,856	-	-	-	-	-
Malaysia .....	-	-	-	74	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	11,396	11,396
Netherlands .....	-	61	-	-	-	-	-	1,216	1,216
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	-	-	-	-	-	-	-	-	-
Peru .....	-	-	-	-	-	-	-	852	852
Singapore .....	-	-	-	-	-	-	-	193	193
Sweden .....	-	-	-	-	-	-	-	-	-
Taiwan .....	-	-	-	634	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	-	-
Other .....	-	0	-	-17	-	-	225	1,234	1,459
<b>Total</b> .....	-	61	-	33,068	-	-	265	17,419	17,684
<b>Persian Gulf<sup>3</sup></b> .....	-	-	-	11	-	-	-	-	-

See footnotes at end of table.

**Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, 2016**  
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
<b>PAD District 4</b>												
<b>OPEC</b> .....	-	-	-	-	-	-	-	14	14	-	0	0
Algeria .....	-	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	-	-	-	521	-	14	5,341	101,826	264	15	278
Canada .....	-	-	-	-	521	-	14	5,336	101,821	264	15	278
Other .....	-	-	-	-	0	-	0	5	5	0	0	0
<b>Total</b> .....	-	-	-	-	521	-	14	5,355	101,840	264	15	278
<b>PAD District 5</b>												
<b>OPEC</b> .....	-	-	-	-	-	-	-	5,741	263,529	704	16	720
Algeria .....	-	-	-	-	-	-	-	4,641	4,641	-	13	13
Angola .....	-	-	-	-	-	-	-	-	10,706	29	-	29
Ecuador .....	-	-	-	-	-	-	-	180	74,277	202	0	203
Iran .....	-	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	14,054	38	-	38
Kuwait .....	-	-	-	-	-	-	-	-	27,942	76	-	76
Libya .....	-	-	-	-	-	-	-	319	4,570	12	1	12
Nigeria .....	-	-	-	-	-	-	-	329	1,019	2	1	3
Qatar .....	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	148	108,849	297	0	297
United Arab Emirates .....	-	-	-	-	-	-	-	11	4,162	11	0	11
Venezuela .....	-	-	-	-	-	-	-	49	933	2	0	3
<b>Non-OPEC</b> .....	416	-	526	354	1,153	197	-	114,902	286,963	470	314	784
Argentina .....	-	-	-	-	-	-	-	170	3,027	8	0	8
Aruba .....	-	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	117	934	2	0	3
Brazil .....	-	-	-	-	-	-	-	834	10,058	25	2	27
Brunei .....	-	-	-	-	-	-	-	-	-	-	-	-
Canada .....	-	-	-	354	912	83	-	22,192	107,612	233	61	294
China .....	-	-	357	-	-	-	-	5,335	5,335	-	15	15
Colombia .....	-	-	-	-	-	-	-	212	45,901	125	1	125
Finland .....	-	-	-	-	-	-	-	159	159	-	0	0
Germany .....	-	-	1	-	-	-	-	338	338	-	1	1
Indonesia .....	-	-	1	-	-	-	-	64	12,376	34	0	34
Japan .....	-	-	93	-	-	10	-	5,537	5,537	-	15	15
Korea, South .....	192	-	-	-	43	103	-	27,230	27,230	-	74	74
Malaysia .....	-	-	1	-	-	-	-	2,751	4,408	5	8	12
Mexico .....	-	-	-	-	-	-	-	11,396	12,096	2	31	33
Netherlands .....	-	-	-	-	-	-	-	2,569	2,883	1	7	8
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	10,935	30	-	30
Papua New Guinea .....	-	-	-	-	-	-	-	-	-	-	-	-
Peru .....	-	-	-	-	-	-	-	1,380	2,046	2	4	6
Singapore .....	-	-	-	-	-	-	-	6,039	6,039	-	17	17
Sweden .....	-	-	-	-	-	-	-	371	371	-	1	1
Taiwan .....	224	-	10	-	-	-	-	1,388	1,388	-	4	4
United Kingdom .....	-	-	-	-	-	-	-	976	976	-	3	3
Vietnam .....	-	-	-	-	-	-	-	-	1,403	4	-	4
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	-	-	-	-	-
Other .....	0	-	8	0	198	1	-	25,844	25,911	-1	70	70
<b>Total</b> .....	416	-	527	354	1,153	197	-	120,643	550,492	1,174	330	1,504
<b>Persian Gulf<sup>3</sup></b> .....	-	-	-	-	-	-	-	159	155,007	423	0	424

- = No Data Reported.

<sup>1</sup> Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

<sup>2</sup> Includes crude oil imported for storage in the Strategic Petroleum Reserve.

<sup>3</sup> Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

**Table 31. Exports of Crude Oil and Petroleum Products by PAD District, 2016**  
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
<b>Crude Oil<sup>1</sup></b> .....	<b>62,707</b>	<b>38,883</b>	<b>106,596</b>	<b>4,353</b>	<b>3,736</b>	<b>216,274</b>	<b>591</b>
<b>Hydrocarbon Gas Liquids</b> .....	<b>25,151</b>	<b>101,644</b>	<b>299,504</b>	<b>2,163</b>	<b>14,926</b>	<b>443,388</b>	<b>1,211</b>
Natural Gas Liquids .....	25,151	101,644	299,504	2,163	14,926	443,388	1,211
Ethane .....	7,494	25,406	1,849	—	—	34,750	95
Propane .....	14,861	2,322	264,668	24	10,624	292,499	799
Normal Butane .....	1,619	3,929	30,154	419	4,104	40,226	110
Isobutane .....	11	2	2,115	—	0	2,129	6
Natural Gasoline .....	1,165	69,985	717	1,720	198	73,784	202
Refinery Olefins .....	—	—	—	—	—	—	—
Ethylene .....	—	—	—	—	—	—	—
Propylene .....	—	—	—	—	—	—	—
Butylene .....	—	—	—	—	—	—	—
Isobutylene .....	—	—	—	—	—	—	—
<b>Other Liquids</b> .....	<b>22,437</b>	<b>11,751</b>	<b>136,110</b>	<b>542</b>	<b>7,184</b>	<b>178,024</b>	<b>486</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	1,662	7,723	44,608	102	1,690	55,785	152
Hydrogen .....	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol) .....	19	5	25,782	0	17	25,823	71
Methyl Tertiary Butyl Ether (MTBE) .....	1	0	15,599	—	0	15,600	43
Other Oxygenates .....	18	4	10,183	0	17	10,223	28
Renewable Fuels (including Fuel Ethanol) ...	1,643	7,719	18,826	101	1,673	29,962	82
Fuel Ethanol .....	1,588	6,505	18,376	20	1,375	27,864	76
Biomass-Based Diesel .....	55	1,214	450	81	298	2,098	6
Other Renewable Diesel .....	—	—	—	—	—	—	—
Other Renewable Fuels .....	—	—	—	—	—	—	—
Other Hydrocarbons .....	—	—	—	—	—	—	—
Unfinished Oils .....	18,806	1,726	53,337	432	1,042	75,342	206
Naphthas and Lighter .....	16,257	1,655	42,128	431	1,001	61,472	168
Kerosene and Light Gas Oils .....	2,549	70	11,209	1	41	13,870	38
Heavy Gas Oils .....	—	—	—	—	—	—	—
Residuum .....	—	—	—	—	—	—	—
Motor Gasoline Blend.Comp. (MGBC) .....	1,969	2,302	38,165	8	4,452	46,896	128
Reformulated .....	5	1	39	—	4	49	0
Conventional .....	1,964	2,301	38,126	8	4,448	46,847	128
Aviation Gasoline Blend. Comp. ....	—	—	—	—	—	—	—
<b>Finished Petroleum Products</b> .....	<b>49,768</b>	<b>22,777</b>	<b>895,192</b>	<b>741</b>	<b>119,206</b>	<b>1,087,683</b>	<b>2,972</b>
Finished Motor Gasoline .....	1,126	4,292	208,362	12	18,769	232,562	635
Reformulated .....	—	—	—	—	—	—	—
Conventional .....	1,126	4,292	208,362	12	18,769	232,562	635
Finished Aviation Gasoline .....	—	—	—	—	—	—	—
Kerosene-Type Jet Fuel .....	679	4,651	49,930	0	8,889	64,149	175
Kerosene .....	329	256	2,681	—	28	3,295	9
Distillate Fuel Oil .....	23,233	2,938	372,460	34	32,809	431,475	1,179
15 ppm sulfur and under .....	18,426	628	321,111	0	24,341	364,507	996
Greater than 15 ppm to 500 ppm sulfur .....	3,813	1,595	34,479	34	4,317	44,239	121
Greater than 500 ppm sulfur .....	995	714	16,871	—	4,151	22,730	62
Residual Fuel Oil .....	12,521	3,167	79,980	485	12,826	108,979	298
Naphtha for Petro. Feed. Use .....	—	—	—	—	—	—	—
Other Oils for Petro. Feed. Use .....	—	—	—	—	—	—	—
Special Naphthas .....	—	—	—	—	—	—	—
Lubricants .....	2,567	2,103	21,145	130	2,279	28,223	77
Waxes .....	661	354	202	2	79	1,298	4
Petroleum Coke .....	7,365	3,527	155,898	2	42,931	209,723	573
Asphalt and Road Oil .....	1,122	1,486	4,269	75	486	7,438	20
Miscellaneous Products .....	165	3	265	0	109	542	1
<b>Total</b> .....	<b>160,063</b>	<b>175,054</b>	<b>1,437,402</b>	<b>7,799</b>	<b>145,051</b>	<b>1,925,369</b>	<b>5,261</b>

— = No Data Reported.

<sup>1</sup> Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

**Table 32. Exports of Crude Oil and Petroleum Products by Destination, 2016**  
(Thousand Barrels)

Destination	Crude Oil <sup>1</sup>	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina .....	558	468	—	736	—	1,343	1,343	—	95	95
Australia .....	—	2,117	—	8	—	7	7	1	0	1
Bahamas .....	1,028	465	—	2	—	1,374	1,374	0	245	245
Bahrain .....	—	—	—	0	—	3	3	—	—	—
Belgium .....	—	2,127	—	135	—	0	0	0	269	269
Belize .....	—	0	—	—	—	245	245	—	32	32
Brazil .....	193	16,922	—	3,689	—	8,562	8,562	—	0	0
Canada .....	131,541	106,093	—	18,363	—	11,075	11,075	2	10,807	10,809
Cayman Islands .....	—	614	—	0	—	242	242	—	0	0
Chile .....	—	8,594	—	1,274	—	2,897	2,897	0	174	174
China .....	7,978	42,154	—	2,566	—	412	412	0	573	574
Colombia .....	—	10	—	16,858	—	9,289	9,289	0	419	420
Costa Rica .....	—	1,487	—	194	—	5,376	5,376	0	2,344	2,344
Denmark .....	—	0	—	—	—	—	—	—	0	0
Dominican Republic .....	298	9,884	—	206	—	5,199	5,199	0	100	101
Ecuador .....	—	9,756	—	27	—	8,603	8,603	0	1,307	1,307
Egypt .....	—	389	—	0	—	—	—	—	—	—
El Salvador .....	—	3,085	—	3	—	4,172	4,172	0	54	54
Finland .....	—	—	—	0	—	0	0	—	—	—
France .....	3,099	6,203	—	4,322	—	2	2	26	0	26
Germany .....	—	0	—	40	—	2	2	0	1	1
Ghana .....	—	2,238	—	0	—	—	—	—	—	—
Gibraltar .....	—	1,486	—	—	—	299	299	—	300	300
Greece .....	547	1	—	0	—	1	1	—	—	—
Guatemala .....	384	4,395	—	21	—	11,618	11,618	0	510	510
Honduras .....	—	3,330	—	10	—	4,122	4,122	—	173	173
Hong Kong .....	—	62	—	5	—	8	8	—	0	0
India .....	—	826	—	84	—	—	—	—	0	0
Indonesia .....	—	849	—	37	—	—	—	—	0	0
Ireland .....	—	—	—	—	—	1	1	—	0	0
Israel .....	770	4	—	11	—	13	13	—	0	0
Italy .....	7,482	—	—	475	—	0	0	—	—	—
Jamaica .....	—	732	—	1	—	17	17	—	0	0
Japan .....	2,885	55,862	—	1,403	—	11	11	2	2	4
Korea, South .....	3,894	30,422	—	1,274	—	7	7	0	1	1
Lebanon .....	—	—	—	—	—	—	—	—	—	0
Mexico .....	317	43,982	—	3,761	—	121,682	121,682	13	26,375	26,388
Montenegro .....	—	0	—	—	—	—	—	—	—	—
Morocco .....	—	3,917	—	56	—	0	0	—	—	—
Mozambique .....	—	693	—	—	—	—	—	—	—	—
Netherlands .....	15,745	23,299	—	5,943	—	2,531	2,531	—	1,038	1,038
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—	—
New Zealand .....	—	3	—	0	—	1	1	1	0	1
Nicaragua .....	1,560	2	—	162	—	326	326	—	—	—
Nigeria .....	603	0	—	1	—	1,135	1,135	—	—	—
Norway .....	—	6,923	—	—	—	1	1	0	—	0
Pakistan .....	—	—	—	0	—	1	1	—	—	—
Panama .....	1,575	2,896	—	3	—	8,287	8,287	—	425	425
Peru .....	2,693	701	—	617	—	3,271	3,271	—	827	827
Philippines .....	—	1	—	4	—	0	0	—	0	0
Portugal .....	—	3,275	—	—	—	0	0	—	—	—
Puerto Rico .....	—	8	—	5	—	37	37	0	3	3
Romania .....	—	—	—	0	—	—	—	—	—	—
Saudi Arabia .....	—	9	—	45	—	480	480	0	0	0
Serbia .....	—	—	—	—	—	—	—	—	—	—
Singapore .....	3,870	15,193	—	1,668	—	4,215	4,215	—	0	0
South Africa .....	—	1,091	—	0	—	307	307	—	—	—
Spain .....	3,130	6,148	—	1,052	—	881	881	—	0	0
Switzerland .....	5,154	1,824	—	0	—	516	516	—	—	—
Taiwan .....	—	1,173	—	342	—	2	2	—	0	0
Thailand .....	728	445	—	10	—	—	—	—	0	0
Trinidad and Tobago .....	—	2	—	40	—	2	2	—	0	0
Turkey .....	—	3,774	—	267	—	0	0	—	—	—
United Arab Emirates .....	—	2	—	11	—	1,437	1,437	—	0	0
United Kingdom .....	5,412	5,089	—	321	—	13	13	0	0	0
Venezuela .....	—	155	—	9,069	—	6,443	6,443	—	938	938
Other .....	14,830	12,208	—	221	—	6,094	6,094	4	0	0
<b>Total .....</b>	<b>216,274</b>	<b>443,388</b>	<b>—</b>	<b>75,342</b>	<b>—</b>	<b>232,562</b>	<b>232,562</b>	<b>49</b>	<b>46,847</b>	<b>46,896</b>

See footnotes at end of table.

**Table 32. Exports of Crude Oil and Petroleum Products by Destination, 2016**  
(Thousand Barrels) — Continued

Destination	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
Argentina .....	—	0	1	—	—	—	16,602	571	300	—	17,473
Australia .....	0	0	1	0	—	—	1	634	—	—	635
Bahamas .....	70	6	10	—	—	—	2,001	213	2,368	—	4,582
Bahrain .....	—	—	0	—	—	—	—	—	—	—	—
Belgium .....	62	0	2	—	—	—	2,175	2,297	314	—	4,786
Belize .....	—	—	0	—	—	—	10	—	—	—	10
Brazil .....	0	0	6,646	0	—	—	41,024	2,447	1,055	—	44,526
Canada .....	—	4	7,421	1,647	—	—	2,862	7,533	1,920	—	12,315
Cayman Islands .....	34	—	0	—	—	—	608	—	—	—	608
Chile .....	2,512	0	11	0	—	—	35,153	1,250	—	—	36,403
China .....	45	1	4,717	0	—	—	11	0	—	—	11
Colombia .....	—	0	111	—	—	—	22,395	92	—	—	22,395
Costa Rica .....	22	0	1	—	—	—	8,072	—	0	—	8,073
Denmark .....	—	—	—	—	—	—	142	50	131	—	323
Dominican Republic .....	—	—	3	—	—	—	5,961	589	1,013	—	7,563
Ecuador .....	—	0	1	76	—	—	9,829	3,118	3,134	—	16,081
Egypt .....	—	—	0	—	—	—	409	326	105	—	840
El Salvador .....	—	—	0	—	—	—	147	2,196	464	—	2,807
Finland .....	—	—	—	—	—	—	—	—	—	—	—
France .....	11	2	0	—	—	—	23,753	277	89	—	24,119
Germany .....	0	0	2	—	—	—	872	—	—	—	872
Ghana .....	—	—	0	0	—	—	—	—	—	—	—
Gibraltar .....	—	—	—	—	—	—	11,676	2,391	928	—	14,995
Greece .....	—	—	0	—	—	—	0	—	—	—	0
Guatemala .....	—	0	0	—	—	—	5,791	5,448	96	—	11,335
Honduras .....	—	—	0	—	—	—	3,779	1,049	139	—	4,967
Hong Kong .....	—	0	0	—	—	—	1	—	—	—	1
India .....	0	1	2,175	—	—	—	2	0	0	—	2
Indonesia .....	—	0	0	0	—	—	3	—	—	—	3
Ireland .....	0	0	2	—	—	—	491	—	—	—	491
Israel .....	0	0	1	—	—	—	174	—	—	—	174
Italy .....	—	0	0	2	—	—	1,752	—	—	—	1,752
Jamaica .....	—	—	442	—	—	—	1,671	55	279	—	1,950
Japan .....	—	10,180	4	—	—	—	4	—	—	—	4
Korea, South .....	33	1	1,001	1	—	—	486	—	—	—	486
Lebanon .....	—	0	0	—	—	—	0	330	300	—	630
Mexico .....	8,694	12	708	145	—	—	66,185	735	70	—	66,989
Montenegro .....	—	—	—	—	—	—	—	—	—	—	—
Morocco .....	—	—	0	—	—	—	2,911	—	—	—	2,911
Mozambique .....	—	—	—	—	—	—	—	—	—	—	—
Netherlands .....	0	0	224	83	—	—	24,707	3,842	4,497	—	33,046
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—	—	—
New Zealand .....	—	0	0	—	—	—	0	—	—	—	0
Nicaragua .....	—	—	0	6	—	—	420	212	0	—	633
Nigeria .....	—	0	527	0	—	—	—	—	—	—	—
Norway .....	—	0	105	—	—	—	1,288	308	—	—	1,596
Pakistan .....	—	0	—	—	—	—	—	—	—	—	—
Panama .....	—	0	0	—	—	—	12,442	3,771	528	—	16,741
Peru .....	—	0	1,034	136	—	—	22,073	—	—	—	22,073
Philippines .....	—	0	1,372	—	—	—	—	2	—	—	2
Portugal .....	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico .....	0	2	15	—	—	—	3	1	—	—	4
Romania .....	—	—	0	—	—	—	569	—	—	—	569
Saudi Arabia .....	0	0	120	—	—	—	0	—	—	—	0
Serbia .....	—	—	—	—	—	—	—	—	—	—	—
Singapore .....	0	7	250	0	—	—	1,472	20	685	—	2,177
South Africa .....	—	0	—	—	—	—	—	—	—	—	—
Spain .....	—	0	0	—	—	—	1,631	315	300	—	2,245
Switzerland .....	—	—	—	2	—	—	693	324	—	—	693
Taiwan .....	133	0	8	—	—	—	0	—	—	—	0
Thailand .....	—	0	—	—	—	—	0	—	—	—	0
Trinidad and Tobago .....	—	0	1	0	—	—	0	—	—	—	0
Turkey .....	—	0	35	—	—	—	1	—	—	—	1
United Arab Emirates .....	—	0	532	0	—	—	0	—	0	—	0
United Kingdom .....	—	1	15	—	—	—	15,349	350	—	—	15,349
Venezuela .....	3,897	—	—	—	—	—	5,409	597	275	—	6,005
Other .....	87	6	366	—	—	—	11,497	2,896	3,740	—	19,229
<b>Total .....</b>	<b>15,600</b>	<b>10,223</b>	<b>27,864</b>	<b>2,098</b>	<b>—</b>	<b>—</b>	<b>364,507</b>	<b>44,239</b>	<b>22,730</b>	<b>—</b>	<b>431,475</b>

See footnotes at end of table.

**Table 32. Exports of Crude Oil and Petroleum Products by Destination, 2016**  
(Thousand Barrels) – Continued

Destination	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
Argentina .....	4	–	–	917	–	0	–	–
Australia .....	0	–	–	0	–	0	–	–
Bahamas .....	0	–	–	697	–	2,935	–	–
Bahrain .....	–	–	–	–	–	–	–	–
Belgium .....	0	–	–	–	–	309	–	–
Belize .....	0	–	–	–	–	–	–	–
Brazil .....	0	–	–	908	–	–	–	–
Canada .....	2,459	–	–	13,644	–	11,848	–	–
Cayman Islands .....	0	–	–	136	–	0	–	–
Chile .....	5	–	–	2,317	–	–	–	–
China .....	5	–	–	1	–	386	–	–
Colombia .....	2	–	–	757	–	0	–	–
Costa Rica .....	1	–	–	1,675	–	216	–	–
Denmark .....	–	–	–	660	–	173	–	–
Dominican Republic .....	13	–	–	1,828	–	563	–	–
Ecuador .....	–	–	–	34	–	1,932	–	–
Egypt .....	0	–	–	–	–	4,325	–	–
El Salvador .....	0	–	–	199	–	578	–	–
Finland .....	39	–	–	2,006	–	–	–	–
France .....	–	–	–	30	–	–	–	–
Germany .....	0	–	–	1	–	2	–	–
Ghana .....	–	–	–	1	–	–	–	–
Gibraltar .....	–	–	–	1,737	–	3,689	–	–
Greece .....	–	–	–	–	–	–	–	–
Guatemala .....	138	–	–	1,236	–	1,144	–	–
Honduras .....	1	–	–	664	–	3,739	–	–
Hong Kong .....	0	–	–	0	–	0	–	–
India .....	0	–	–	–	–	156	–	–
Indonesia .....	–	–	–	–	–	–	–	–
Ireland .....	–	–	–	–	–	–	–	–
Israel .....	1	–	–	2,161	–	–	–	–
Italy .....	–	–	–	–	–	0	–	–
Jamaica .....	0	–	–	261	–	3,565	–	–
Japan .....	0	–	–	2	–	0	–	–
Korea, South .....	2	–	–	0	–	0	–	–
Lebanon .....	0	–	–	–	–	5,206	–	–
Mexico .....	22	–	–	12,205	–	11,426	–	–
Montenegro .....	–	–	–	–	–	–	–	–
Morocco .....	–	–	–	0	–	917	–	–
Mozambique .....	–	–	–	–	–	–	–	–
Netherlands .....	3	–	–	2,323	–	8,467	–	–
Netherlands Antilles .....	–	–	–	–	–	–	–	–
New Zealand .....	0	–	–	–	–	0	–	–
Nicaragua .....	0	–	–	0	–	170	–	–
Nigeria .....	306	–	–	181	–	–	–	–
Norway .....	210	–	–	300	–	–	–	–
Pakistan .....	–	–	–	–	–	–	–	–
Panama .....	67	–	–	5,178	–	4,376	–	–
Peru .....	0	–	–	1,591	–	330	–	–
Philippines .....	–	–	–	–	–	–	–	–
Portugal .....	–	–	–	–	–	–	–	–
Puerto Rico .....	1	–	–	0	–	90	–	–
Romania .....	–	–	–	–	–	–	–	–
Saudi Arabia .....	1	–	–	0	–	160	–	–
Serbia .....	–	–	–	–	–	–	–	–
Singapore .....	1	–	–	0	–	25,690	–	–
South Africa .....	1	–	–	10	–	331	–	–
Spain .....	–	–	–	550	–	1,304	–	–
Switzerland .....	–	–	–	0	–	–	–	–
Taiwan .....	–	–	–	0	–	0	–	–
Thailand .....	–	–	–	–	–	0	–	–
Trinidad and Tobago .....	0	–	–	1	–	0	–	–
Turkey .....	0	–	–	–	–	–	–	–
United Arab Emirates .....	2	–	–	0	–	3,690	–	–
United Kingdom .....	–	–	–	4,562	–	1,527	–	–
Venezuela .....	0	–	–	1	–	–	–	–
Other .....	11	–	–	5,375	–	9,735	–	–
<b>Total .....</b>	<b>3,295</b>	<b>–</b>	<b>–</b>	<b>64,149</b>	<b>–</b>	<b>108,979</b>	<b>–</b>	<b>–</b>

See footnotes at end of table.

**Table 32. Exports of Crude Oil and Petroleum Products by Destination, 2016**  
(Thousand Barrels) — Continued

Destination	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
Argentina .....	2	1	2	420	3	21,464	22,023	2	59	60
Australia .....	5	2,094	208	170	5	5,251	5,251	—	14	14
Bahamas .....	0	—	23	37	0	10,446	11,474	3	29	31
Bahrain .....	0	—	—	7	—	10	10	—	0	0
Belgium .....	7	1,739	1	3,238	4	12,679	12,679	—	35	35
Belize .....	0	—	43	14	—	345	345	—	1	1
Brazil .....	2	11,235	2	2,626	9	95,127	95,320	1	260	260
Canada .....	938	8,409	2,593	3,031	46	210,695	342,236	359	576	935
Cayman Islands .....	—	—	7	23	—	1,631	1,631	—	4	4
Chile .....	4	1,005	555	831	1	56,584	56,584	—	155	155
China .....	66	14,339	95	804	7	66,181	74,160	22	181	203
Colombia .....	4	2	32	1,148	5	51,032	54,546	—	139	149
Costa Rica .....	1	717	157	222	1	20,486	20,486	—	56	56
Denmark .....	0	974	—	1	—	2,132	2,132	—	6	6
Dominican Republic .....	1	1,598	516	259	1	27,736	28,034	1	76	77
Ecuador .....	2	1,246	1	448	0	39,512	39,512	—	108	108
Egypt .....	1	3,977	—	47	0	9,579	9,579	—	26	26
El Salvador .....	1	472	—	275	0	11,647	11,647	—	32	32
Finland .....	—	—	0	16	—	2,062	2,062	—	6	6
France .....	15	990	0	746	0	36,466	39,566	8	100	108
Germany .....	19	1	11	799	4	1,752	1,752	—	5	5
Ghana .....	0	—	—	3	—	2,242	2,242	—	6	6
Gibraltar .....	—	—	—	249	—	22,205	22,205	—	61	61
Greece .....	0	3,415	—	3	—	3,420	3,967	1	9	11
Guatemala .....	0	1,455	26	227	—	32,105	32,105	1	88	88
Honduras .....	0	945	132	128	—	18,211	18,211	—	50	50
Hong Kong .....	4	0	0	30	2	113	113	—	0	0
India .....	13	47,484	11	524	2	51,279	51,279	—	140	140
Indonesia .....	1	0	9	41	1	942	942	—	3	3
Ireland .....	—	1,085	—	0	—	1,580	1,580	—	4	4
Israel .....	0	1,443	—	36	0	3,847	4,617	2	11	13
Italy .....	2	6,112	1	257	3	8,604	16,086	20	24	44
Jamaica .....	—	—	2	180	1	7,153	7,153	—	20	20
Japan .....	14	20,980	7	181	42	88,697	91,581	8	242	250
Korea, South .....	4	2,129	25	98	8	35,491	39,385	11	97	108
Lebanon .....	0	1,384	0	12	—	7,234	7,234	—	20	20
Mexico .....	124	18,537	1,806	5,186	257	321,925	322,243	1	880	880
Montenegro .....	—	—	—	—	0	0	0	—	0	0
Morocco .....	0	5,258	—	2	—	13,061	13,061	—	36	36
Mozambique .....	—	821	—	0	—	1,514	1,514	—	4	4
Netherlands .....	27	3,485	8	595	18	81,090	96,835	43	222	265
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—	—
New Zealand .....	0	561	128	11	—	705	705	—	2	2
Nicaragua .....	—	211	31	189	—	1,730	3,290	4	5	9
Nigeria .....	—	209	0	484	—	2,843	3,447	2	8	9
Norway .....	1	910	3	5	—	10,054	10,054	—	27	27
Pakistan .....	0	303	2	11	0	316	316	—	1	1
Panama .....	0	645	278	227	0	39,124	40,699	4	107	111
Peru .....	1	696	0	807	1	32,087	34,781	7	88	95
Philippines .....	1	0	—	30	2	1,413	1,413	—	4	4
Portugal .....	0	413	—	1	—	3,691	3,691	—	10	10
Puerto Rico .....	1	—	2	147	0	318	318	—	1	1
Romania .....	0	784	—	1	—	1,355	1,355	—	4	4
Saudi Arabia .....	1	637	1	81	0	1,537	1,537	—	4	4
Serbia .....	—	—	—	—	—	—	—	—	—	—
Singapore .....	1	275	1	253	99	49,830	53,700	11	136	147
South Africa .....	1	527	1	577	0	2,845	3,256	—	8	9
Spain .....	4	11,791	209	12	0	24,196	27,326	9	66	75
Switzerland .....	0	—	1	1	0	3,036	8,190	14	8	22
Taiwan .....	12	533	5	51	2	2,262	2,262	—	6	6
Thailand .....	9	606	13	51	3	1,138	1,866	2	3	5
Trinidad and Tobago .....	0	5	0	137	0	189	189	—	1	1
Turkey .....	0	19,487	1	117	0	23,685	23,685	—	65	65
United Arab Emirates .....	0	438	1	336	0	6,451	6,451	—	18	18
United Kingdom .....	3	1,440	4	46	3	28,373	33,786	15	78	92
Venezuela .....	0	452	1	639	0	27,601	27,601	—	75	75
Other .....	6	5,468	483	1,095	12	60,786	72,069	40	160	195
<b>Total .....</b>	<b>1,298</b>	<b>209,723</b>	<b>7,438</b>	<b>28,223</b>	<b>542</b>	<b>1,709,095</b>	<b>1,925,369</b>	<b>591</b>	<b>4,670</b>	<b>5,261</b>

— = No Data Reported.

<sup>1</sup> Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

**Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, 2016**  
(Thousand Barrels per Day)

Country of Origin	Crude Oil <sup>1</sup>	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>OPEC</b> .....	<b>3,179</b>	<b>-28</b>	<b>-</b>	<b>120</b>	<b>-</b>	<b>-53</b>	<b>-53</b>	<b>0</b>	<b>37</b>	<b>37</b>
Algeria .....	51	2	-	122	-	-3	-3	-	1	1
Angola .....	159	-	-	8	-	-	-	-	1	1
Ecuador .....	237	-27	-	0	-	-24	-24	0	-2	-2
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	419	0	-	3	-	-	-	-	0	0
Kuwait .....	209	0	-	0	-	0	0	-	0	0
Libya .....	12	-	-	3	-	-	-	-	-	-
Nigeria .....	205	0	-	2	-	-3	-3	-	24	24
Qatar .....	-	-	-	0	-	0	0	-	-	-
Saudi Arabia .....	1,099	0	-	4	-	-1	-1	0	0	0
United Arab Emirates .....	11	0	-	1	-	-4	-4	-	0	0
Venezuela .....	741	0	-	-23	-	-18	-18	0	12	12
<b>Non-OPEC</b> .....	<b>4,081</b>	<b>-1,029</b>	<b>25</b>	<b>279</b>	<b>-</b>	<b>-523</b>	<b>-523</b>	<b>191</b>	<b>293</b>	<b>484</b>
Argentina .....	11	-1	-	-2	-	-4	-4	-	0	0
Aruba .....	-	-26	-	0	-	-3	-3	-	0	0
Australia .....	4	-5	-	0	-	0	0	0	0	0
Bahamas .....	-3	-1	-	0	-	-4	-4	0	-1	-1
Bahrain .....	-	-	-	0	-	0	0	-	-	-
Belgium .....	-	-6	-	41	-	4	4	1	12	13
Brazil .....	144	-46	-	-9	-	-23	-23	-	9	9
Brunei .....	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	0	-	2	-	0	0	-	-	-
Canada .....	2,868	-153	25	-46	-	1	1	89	30	119
Chad .....	67	0	-	-	-	-	-	-	-	-
China .....	-22	-115	-	-7	-	-1	-1	0	0	0
Colombia .....	432	0	-	-43	-	-25	-25	0	14	14
Denmark .....	2	0	-	1	-	0	0	0	0	1
Dominican Republic .....	-1	-27	-	-1	-	-14	-14	0	0	0
Equatorial Guinea .....	6	-	-	0	-	0	0	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	0	0
Finland .....	-	-	-	1	-	1	1	1	20	20
France .....	-8	-17	-	0	-	1	1	20	3	23
Gabon .....	1	-	-	2	-	-	-	-	-	-
Germany .....	-	0	-	2	-	0	0	0	0	1
Guatemala .....	7	-12	-	0	-	-32	-32	0	-1	-1
Honduras .....	-	-9	-	0	-	-11	-11	-	0	0
India .....	-	-2	-	7	-	0	0	1	55	57
Indonesia .....	34	-2	-	0	-	-	-	-	1	1
Italy .....	-20	-	0	5	-	1	1	0	8	8
Japan .....	-8	-153	-	-3	-	0	0	0	1	1
Korea, South .....	-11	-83	-	-1	-	1	1	0	4	4
Latvia .....	-	-	-	-	-	-	-	-	1	1
Lithuania .....	-	-	-	-	-	0	0	-	2	2
Malaysia .....	5	0	-	7	-	-1	-1	-	1	1
Mexico .....	581	-110	1	-8	-	-332	-332	0	-63	-63
Netherlands .....	-42	-64	0	-8	-	-2	-2	16	15	30
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-
Norway .....	35	-19	-	10	-	1	1	0	27	28
Oman .....	30	0	-	0	-	-	-	0	0	0
Panama .....	-4	-8	-	0	-	-23	-23	-	-1	-1
Portugal .....	-	-9	-	-	-	4	4	7	13	20
Puerto Rico .....	-	0	-	0	-	0	0	0	0	0
Russia .....	38	-	-	315	-	1	1	2	47	49
Spain .....	-9	-17	-	-1	-	0	0	-	42	42
Sweden .....	-	0	-	4	-	1	1	0	2	2
Trinidad and Tobago .....	9	0	-	1	-	1	1	-	5	5
United Kingdom .....	5	-14	-	6	-	4	4	51	37	88
Vietnam .....	4	0	-	0	-	0	0	-	0	0
Virgin Islands, U.S. .....	-	0	-	0	-	0	0	0	0	0
Yemen .....	-	-	-	-	-	-	-	-	-	-
Other .....	-74	-130	-1	4	-	-69	-69	3	10	11
<b>Total</b> .....	<b>7,259</b>	<b>-1,056</b>	<b>25</b>	<b>400</b>	<b>-</b>	<b>-576</b>	<b>-576</b>	<b>191</b>	<b>330</b>	<b>521</b>
<b>Persian Gulf<sup>2</sup></b> .....	<b>1,738</b>	<b>0</b>	<b>-</b>	<b>8</b>	<b>-</b>	<b>-5</b>	<b>-5</b>	<b>0</b>	<b>0</b>	<b>0</b>

See footnotes at end of table.

**Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, 2016**  
(Thousand Barrels per Day) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
<b>OPEC</b> .....	-10	0	-3	7	-	-	-41	-11	-9	-	-61
Algeria .....	-	-	-	-	-	-	-1	-1	-1	-	-3
Angola .....	-	0	0	-	-	-	-	-	-	-	-
Ecuador .....	-	0	0	0	-	-	-27	-9	-9	-	-44
Iran .....	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	0	0	-	-	-	-	-	-	-	-
Kuwait .....	-	-	0	-	-	-	0	-	-	-	0
Libya .....	-	0	-	-	-	-	-	-	-1	-	-1
Nigeria .....	-	0	-1	0	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	1	-	1	-	2
Saudi Arabia .....	0	0	0	-	-	-	0	-	-	-	0
United Arab Emirates .....	1	0	-1	0	-	-	0	-	0	-	0
Venezuela .....	-11	-	-	-	-	-	-15	-2	0	-	-16
<b>Non-OPEC</b> .....	-24	-25	-71	34	14	-	-855	-105	-13	3	-971
Argentina .....	1	0	0	29	-	-	-45	-2	-1	-	-48
Aruba .....	-	-	0	-	-	-	-1	-	-	-	-1
Australia .....	0	0	0	0	-	-	0	-2	-	-	-2
Bahamas .....	0	0	0	-	-	-	-5	-1	-6	-	-13
Bahrain .....	-	-	0	-	-	-	-	-	-	-	-
Belgium .....	1	0	0	-	-	-	-5	-6	-1	-	-12
Brazil .....	2	2	-16	0	-	-	-112	-7	-2	-	-121
Brunei .....	-	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	0	-	-	-	-	-	-	-	0
Canada .....	-	0	-20	2	-	-	65	-19	24	1	70
Chad .....	-	-	-	-	-	-	-	-	-	-	-
China .....	0	0	-13	0	-	-	2	0	-	-	2
Colombia .....	-	0	0	-	-	-	-60	2	0	1	-58
Denmark .....	-	-	-	-	-	-	0	0	0	-	-1
Dominican Republic .....	-	-	0	-	-	-	-16	-2	-3	-	-21
Equatorial Guinea .....	-	-	-	-	-	-	-	-	0	-	0
Estonia .....	-	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	1	-	-	-	1
France .....	0	0	0	-	-	-	-65	-1	0	-	-66
Gabon .....	-	-	-	-	-	-	-	-	-	-	-
Germany .....	1	0	0	2	-	-	-2	-	0	-	-2
Guatemala .....	-	0	0	-	-	-	-16	-15	0	-	-31
Honduras .....	-	-	0	-	-	-	-10	-3	0	-	-14
India .....	0	0	-6	-	-	-	4	0	0	1	5
Indonesia .....	-	0	0	7	-	-	0	-	-	-	0
Italy .....	-	0	0	0	-	-	-5	-	1	-	-4
Japan .....	-	-28	0	-	-	-	3	-	-	-	3
Korea, South .....	0	0	-3	1	-	-	2	0	-	-	2
Latvia .....	-	-	-	-	-	-	0	-	-	-	0
Lithuania .....	-	-	-	-	-	-	-	-	-	-	-
Malaysia .....	0	0	-	-	-	-	0	-	-6	-	-6
Mexico .....	-24	0	-2	0	-	-	-181	-2	0	-	-182
Netherlands .....	3	0	-1	0	-	-	-67	-10	-12	0	-89
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-	-
Norway .....	-	0	0	-	-	-	-4	-1	-	-	-4
Oman .....	-	-	-1	-	-	-	0	-	-	-	0
Panama .....	-	0	0	-	-	-	-34	-10	-1	-	-46
Portugal .....	-	-	-	-	-	-	1	-	-	-	1
Puerto Rico .....	0	0	0	-	-	-	0	0	-	-	0
Russia .....	1	-	-	0	-	-	9	0	2	-	11
Spain .....	-	0	0	-	-	-	-4	-1	-1	-	-6
Sweden .....	-	-	0	0	-	-	0	-	2	-	2
Trinidad and Tobago .....	-	0	0	0	-	-	0	-	1	-	1
United Kingdom .....	0	0	0	-	-	-	-42	-1	-	-	-42
Vietnam .....	-	0	-	-	-	-	0	-	-	-	0
Virgin Islands, U.S. ....	-	-	0	-	-	-	-10	-1	-	-	-11
Yemen .....	-	-	0	-	-	-	-	-	-	-	-
Other .....	-9	1	-9	-7	14	-	-258	-23	-10	0	-289
<b>Total</b> .....	-34	-25	-74	40	14	-	-896	-116	-23	3	-1,032
<b>Persian Gulf<sup>2</sup></b> .....	1	0	-2	0	-	-	1	-	1	-	2

See footnotes at end of table.

**Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, 2016**  
(Thousand Barrels per Day) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
<b>OPEC</b> .....	-1	-	-	10	1	10	4	1
Algeria .....	-	-	-	-	-	4	3	-
Angola .....	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	0	-	-5	-	-
Iran .....	-	-	-	-	-	-	-	-
Iraq .....	0	-	-	0	-	2	-	-
Kuwait .....	-	-	-	0	-	-	-	-
Libya .....	-	-	-	0	-	1	-	-
Nigeria .....	-1	-	-	0	-	2	-	1
Qatar .....	-	-	-	0	-	-	-	-
Saudi Arabia .....	0	-	-	1	1	0	1	-
United Arab Emirates .....	0	-	-	0	-	-10	-	-
Venezuela .....	0	-	-	10	-	17	0	-
<b>Non-OPEC</b> .....	-6	0	-	-39	12	-104	23	4
Argentina .....	0	-	-	-3	-	0	0	1
Aruba .....	0	-	-	-1	-	-1	-	-
Australia .....	0	-	-	0	-	0	-	-
Bahamas .....	0	-	-	-2	-	-7	-	-
Bahrain .....	-	-	-	-	-	-	-	-
Belgium .....	0	-	-	-	-	0	0	-
Brazil .....	0	-	-	-2	0	4	0	-
Brunei .....	0	-	-	0	-	-	-	-
Cameroon .....	0	-	-	-	-	1	-	-
Canada .....	-7	0	-	-28	4	6	3	2
Chad .....	-	-	-	-	-	-	-	-
China .....	1	-	-	15	-	-1	-	-
Colombia .....	0	-	-	-2	-	19	-	-
Denmark .....	-	-	-	-2	-	0	-	-
Dominican Republic .....	0	-	-	-5	-	-2	-	-
Equatorial Guinea .....	-	-	-	-	-	0	-	-
Estonia .....	-	-	-	-	-	-	-	-
Finland .....	0	-	-	-5	-	0	-	-
France .....	-	-	-	0	-	1	0	1
Gabon .....	-	-	-	-	-	0	-	-
Germany .....	0	0	-	0	-	0	-	-
Guatemala .....	0	-	-	-3	-	-3	-	-
Honduras .....	0	-	-	-2	-	-10	-	-
India .....	0	-	-	20	-	0	-	-
Indonesia .....	-	-	-	0	-	-	-	-
Italy .....	-	-	-	-	0	1	-	-
Japan .....	2	-	-	11	3	0	1	-
Korea, South .....	0	-	-	78	4	0	2	-
Latvia .....	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-
Malaysia .....	0	-	-	0	-	-5	-	-
Mexico .....	0	-	-	-33	-	20	13	-
Netherlands .....	0	0	-	-6	0	-15	1	0
Netherlands Antilles .....	-	-	-	-	-	-	-	-
Norway .....	-1	-	-	-1	-	2	-	-
Oman .....	-	-	-	-	-	0	-	-
Panama .....	0	-	-	-14	-	-12	-	-
Portugal .....	-	-	-	-	-	-	-	-
Puerto Rico .....	0	-	-	0	-	0	-	-
Russia .....	0	-	-	0	-	25	-	-
Spain .....	-	-	-	-2	-	-3	-	-
Sweden .....	-	-	-	-3	-	2	-	-
Trinidad and Tobago .....	0	-	-	0	-	11	-	-
United Kingdom .....	-	-	-	-12	-	-4	1	0
Vietnam .....	0	-	-	0	-	-	-	-
Virgin Islands, U.S. ....	0	-	-	-1	-	-6	-	-
Yemen .....	-	-	-	-	-	-	-	-
Other .....	-1	0	-	-36	1	-127	2	0
<b>Total</b> .....	-7	0	-	-29	14	-93	27	5
<b>Persian Gulf<sup>2</sup></b> .....	0	-	-	1	1	-8	1	-

See footnotes at end of table.

**Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, 2016**  
(Thousand Barrels per Day) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
<b>OPEC</b> .....	0	-4	7	5	0	42	3,221
Algeria .....	0	-	0	0	-	125	176
Angola .....	-	-1	0	0	-	8	167
Ecuador .....	0	-3	0	-1	0	-106	131
Iran .....	-	-	-	-	-	-	-
Iraq .....	-	-	-	0	0	4	424
Kuwait .....	0	0	0	0	-	1	209
Libya .....	-	-	-	0	-	4	15
Nigeria .....	-	-1	0	-1	-	21	226
Qatar .....	-	0	-	9	-	11	11
Saudi Arabia .....	0	-2	0	0	0	3	1,102
United Arab Emirates .....	0	-1	0	-1	0	-15	-4
Venezuela .....	0	3	7	-2	0	-21	721
<b>Non-OPEC</b> .....	2	-559	9	-43	-1	-2,507	1,574
Argentina .....	0	1	0	-1	0	-25	-14
Aruba .....	-	-	0	0	-	-33	-33
Australia .....	0	-6	-1	0	0	-14	-10
Bahamas .....	0	-	0	0	0	-27	-30
Bahrain .....	0	-	-	2	-	2	2
Belgium .....	0	-5	0	-8	0	27	27
Brazil .....	0	-31	0	-7	0	-238	-94
Brunei .....	-	0	0	0	-	0	0
Cameroon .....	0	-	0	0	-	3	3
Canada .....	-1	-21	20	2	0	-23	2,845
Chad .....	-	-	-	0	-	0	67
China .....	2	-39	0	-2	0	-159	-181
Colombia .....	0	1	0	-3	0	-98	334
Denmark .....	0	-3	-	0	-	-4	-3
Dominican Republic .....	0	-4	-1	-1	0	-76	-76
Equatorial Guinea .....	-	-	-	0	-	0	6
Estonia .....	0	-	-	0	-	0	0
Finland .....	-	-	0	0	-	17	17
France .....	0	-3	0	-2	0	-62	-70
Gabon .....	-	0	0	0	-	4	6
Germany .....	0	0	0	-2	0	1	1
Guatemala .....	0	-4	0	-1	-	-88	-80
Honduras .....	0	-3	0	0	-	-50	-50
India .....	0	-130	0	-1	0	-51	-51
Indonesia .....	0	0	0	2	0	7	41
Italy .....	0	-17	0	0	0	-6	-26
Japan .....	0	-57	0	0	0	-221	-229
Korea, South .....	0	-6	0	10	0	10	0
Latvia .....	0	-	-	0	0	1	1
Lithuania .....	0	-	-	0	-	2	2
Malaysia .....	0	0	0	0	0	-2	2
Mexico .....	0	-51	-5	-14	-1	-793	-211
Netherlands .....	0	-10	0	-2	0	-163	-205
Netherlands Antilles .....	-	-	0	-	-	0	0
Norway .....	0	-2	0	0	-	13	49
Oman .....	-	-1	0	0	-	-2	28
Panama .....	0	-2	-1	-1	0	-106	-111
Portugal .....	0	-1	-	0	-	16	16
Puerto Rico .....	0	-	0	0	0	-1	-1
Russia .....	0	0	0	1	-	402	441
Spain .....	0	-32	1	0	0	-17	-25
Sweden .....	0	0	-	0	0	7	7
Trinidad and Tobago .....	0	0	0	0	0	19	28
United Kingdom .....	0	-3	0	0	0	25	30
Vietnam .....	0	0	0	0	0	-1	3
Virgin Islands, U.S. ....	-	-	0	-2	-	-20	-20
Yemen .....	0	-	-	0	-	0	0
Other .....	1	-130	-4	-13	0	-783	-862
<b>Total</b> .....	2	-563	16	-38	-1	-2,465	4,795
<b>Persian Gulf<sup>2</sup></b> .....	0	-3	0	10	0	6	1,744

- = No Data Reported.

<sup>1</sup> Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

<sup>2</sup> Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

**Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, 2016**  
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
<b>Crude Oil</b> .....	<b>13,812</b>	<b>151,751</b>	<b>939,104</b>	<b>23,332</b>	<b>51,705</b>	<b>1,179,704</b>
Refinery .....	8,847	13,872	42,318	2,605	25,114	92,756
Tank Farms and Pipelines (Includes Cushing, OK) ....	4,965	137,879	201,704	20,727	22,557	387,832
Cushing, Oklahoma .....	-	67,740	-	-	-	67,740
Leases .....	-	-	-	-	-	-
Strategic Petroleum Reserve <sup>1</sup> .....	-	-	695,082	-	-	695,082
Alaskan In Transit .....	-	-	-	-	4,034	4,034
<b>Total Stocks, All Oils (excluding Crude Oil)<sup>2</sup></b> .....	<b>184,671</b>	<b>176,567</b>	<b>380,366</b>	<b>21,224</b>	<b>87,040</b>	<b>849,868</b>
Refinery .....	15,979	48,434	123,092	10,937	47,861	246,303
Bulk Terminal .....	137,861	90,221	201,496	6,202	33,956	469,736
Pipeline .....	30,573	36,434	51,759	3,959	4,968	127,693
Natural Gas Processing Plant .....	258	1,478	4,019	126	255	6,136
<b>Natural Gas Liquids</b> .....	<b>7,484</b>	<b>47,247</b>	<b>128,345</b>	<b>3,308</b>	<b>4,387</b>	<b>190,771</b>
Refinery .....	561	4,199	5,828	352	1,354	12,294
Bulk Terminal .....	5,923	25,916	102,531	949	2,767	138,086
Pipeline .....	742	15,654	15,967	1,881	11	34,255
Natural Gas Processing Plant .....	258	1,478	4,019	126	255	6,136
<b>Ethane</b> .....	<b>440</b>	<b>5,681</b>	<b>44,134</b>	<b>436</b>	<b>-</b>	<b>50,691</b>
Refinery .....	-	-	122	-	-	122
Bulk Terminal .....	253	3,029	38,205	-	-	41,487
Pipeline .....	187	2,472	5,065	436	-	8,160
Natural Gas Processing Plant .....	-	180	742	-	-	922
<b>Propane</b> .....	<b>5,855</b>	<b>21,484</b>	<b>46,781</b>	<b>1,353</b>	<b>1,574</b>	<b>77,047</b>
Refinery .....	144	1,127	715	32	91	2,109
Bulk Terminal .....	5,045	15,502	37,665	510	1,457	60,179
Pipeline .....	528	4,146	6,406	762	11	11,853
Natural Gas Processing Plant .....	138	709	1,995	49	15	2,906
<b>Normal Butane</b> .....	<b>872</b>	<b>8,885</b>	<b>16,864</b>	<b>955</b>	<b>2,306</b>	<b>29,882</b>
Refinery .....	309	2,236	2,990	208	816	6,559
Bulk Terminal .....	512	5,408	11,888	434	1,304	19,546
Pipeline .....	6	1,004	1,409	283	-	2,702
Natural Gas Processing Plant .....	45	237	577	30	186	1,075
<b>Isobutane</b> .....	<b>134</b>	<b>1,902</b>	<b>5,340</b>	<b>258</b>	<b>472</b>	<b>8,106</b>
Refinery .....	108	534	1,424	100	445	2,611
Bulk Terminal .....	-	556	2,781	1	-	3,338
Pipeline .....	11	649	661	148	-	1,469
Natural Gas Processing Plant .....	15	163	474	9	27	688
<b>Natural Gasoline</b> .....	<b>183</b>	<b>9,295</b>	<b>15,226</b>	<b>306</b>	<b>35</b>	<b>25,045</b>
Refinery .....	-	302	577	12	2	893
Bulk Terminal .....	113	1,421	11,992	4	6	13,536
Pipeline .....	10	7,383	2,426	252	-	10,071
Natural Gas Processing Plant .....	60	189	231	38	27	545
<b>Refinery Olefins</b> .....	<b>283</b>	<b>690</b>	<b>8,390</b>	<b>39</b>	<b>22</b>	<b>9,424</b>
Refinery .....	283	690	3,704	39	22	4,738
Bulk Terminal .....	-	-	4,686	-	-	4,686
Pipeline .....	-	-	-	-	-	-
Natural Gas Processing Plant .....	-	-	-	-	-	-
<b>Ethylene</b> .....	<b>-</b>	<b>-</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>0</b>
Refinery .....	-	-	0	-	-	0
Bulk Terminal .....	-	-	0	-	-	0
Pipeline .....	-	-	-	-	-	-
Natural Gas Processing Plant .....	-	-	-	-	-	-
<b>Propylene</b> .....	<b>159</b>	<b>633</b>	<b>6,227</b>	<b>0</b>	<b>12</b>	<b>7,031</b>
Refinery .....	159	633	1,541	0	12	2,345
Bulk Terminal .....	-	-	4,686	-	-	4,686
Pipeline .....	-	-	-	-	-	-
Natural Gas Processing Plant .....	-	-	-	-	-	-
<b>Butylene</b> .....	<b>100</b>	<b>57</b>	<b>2,163</b>	<b>39</b>	<b>10</b>	<b>2,369</b>
Refinery .....	100	57	2,163	39	10	2,369
Bulk Terminal .....	-	-	-	-	-	-
Pipeline .....	-	-	-	-	-	-
Natural Gas Processing Plant .....	-	-	-	-	-	-
<b>Isobutylene</b> .....	<b>24</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>24</b>
Refinery .....	24	0	0	0	0	24
Bulk Terminal .....	-	-	-	-	-	-
Pipeline .....	-	-	-	-	-	-
Natural Gas Processing Plant .....	-	-	-	-	-	-
<b>Other Hydrocarbons</b> .....	<b>-</b>	<b>17</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>17</b>
Refinery .....	-	17	-	-	-	17
<b>Oxygenates (excluding Fuel Ethanol)</b> .....	<b>-</b>	<b>-</b>	<b>1,477</b>	<b>-</b>	<b>-</b>	<b>1,477</b>
Refinery .....	-	-	81	-	-	81
Bulk Terminal .....	-	-	1,396	-	-	1,396
Pipeline .....	-	-	-	-	-	-

See footnotes at end of table.

**Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, 2016**  
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
<b>MTBE</b> .....	—	—	<b>1,116</b>	—	—	<b>1,116</b>
Refinery .....	—	—	81	—	—	81
Bulk Terminal <sup>3</sup> .....	—	—	1,035	—	—	1,035
Pipeline .....	—	—	—	—	—	—
<b>Other Oxygenates<sup>4</sup></b> .....	—	—	<b>361</b>	—	—	<b>361</b>
Refinery .....	—	—	—	—	—	—
Bulk Terminal .....	—	—	361	—	—	361
Pipeline .....	—	—	—	—	—	—
<b>Renewable Fuels (including Fuel Ethanol)</b> .....	<b>9,291</b>	<b>8,047</b>	<b>5,599</b>	<b>367</b>	<b>4,210</b>	<b>27,514</b>
Refinery .....	192	129	357	123	362	1,163
Bulk Terminal .....	9,060	7,918	5,242	240	3,848	26,308
Pipeline .....	39	—	—	4	—	43
<b>Fuel Ethanol<sup>2</sup></b> .....	<b>6,297</b>	<b>7,349</b>	<b>3,325</b>	<b>353</b>	<b>2,434</b>	<b>19,758</b>
Refinery .....	187	94	170	114	31	596
Bulk Terminal .....	6,071	7,255	3,155	235	2,403	19,119
Pipeline .....	39	—	—	4	—	43
<b>Renewable Diesel Fuel</b> .....	<b>2,994</b>	<b>698</b>	<b>2,269</b>	<b>14</b>	<b>1,738</b>	<b>7,713</b>
Refinery .....	5	35	187	9	293	529
Bulk Terminal .....	2,989	663	2,082	5	1,445	7,184
Pipeline .....	—	—	—	—	—	—
<b>Other Renewable Fuels</b> .....	—	—	<b>5</b>	—	<b>38</b>	<b>43</b>
Refinery .....	—	—	—	—	38	38
Bulk Terminal .....	—	—	5	—	—	5
Pipeline .....	—	—	—	—	—	—
<b>Unfinished Oils</b> .....	<b>4,472</b>	<b>13,136</b>	<b>41,315</b>	<b>2,829</b>	<b>18,572</b>	<b>80,324</b>
<b>Naphthas and Lighter</b> .....	<b>1,326</b>	<b>3,002</b>	<b>11,486</b>	<b>530</b>	<b>3,245</b>	<b>19,589</b>
Refinery .....	1,252	2,976	10,124	530	3,180	18,062
Bulk Terminal .....	74	26	1,362	—	65	1,527
<b>Kerosene and Light Gas Oils</b> .....	<b>755</b>	<b>2,890</b>	<b>7,018</b>	<b>546</b>	<b>3,314</b>	<b>14,523</b>
Refinery .....	754	2,827	6,929	546	3,100	14,156
Bulk Terminal .....	1	63	89	—	214	367
<b>Heavy Gas Oils</b> .....	<b>1,780</b>	<b>4,673</b>	<b>18,154</b>	<b>1,312</b>	<b>9,434</b>	<b>35,353</b>
Refinery .....	1,767	4,663	16,195	1,312	9,323	33,260
Bulk Terminal .....	13	10	1,959	—	111	2,093
<b>Residuum</b> .....	<b>611</b>	<b>2,571</b>	<b>4,657</b>	<b>441</b>	<b>2,579</b>	<b>10,859</b>
Refinery .....	611	2,293	4,657	441	2,579	10,581
Bulk Terminal .....	—	278	—	—	—	278
<b>Motor Gasoline Blending Components<sup>2</sup></b> .....	<b>59,887</b>	<b>45,933</b>	<b>71,585</b>	<b>5,672</b>	<b>27,127</b>	<b>210,204</b>
Refinery .....	4,980	12,972	27,348	3,213	12,962	61,475
Bulk Terminal .....	43,282	23,263	28,315	1,622	11,538	108,020
Pipeline .....	11,625	9,698	15,922	837	2,627	40,709
<b>Reformulated - RBOB</b> .....	<b>19,623</b>	<b>6,546</b>	<b>11,655</b>	—	<b>14,324</b>	<b>52,148</b>
Refinery .....	1,695	1,200	1,607	—	5,158	9,660
Bulk Terminal .....	13,985	3,643	5,881	—	7,439	30,948
Pipeline .....	3,943	1,703	4,167	—	1,727	11,540
<b>Conventional</b> .....	<b>40,264</b>	<b>39,387</b>	<b>59,930</b>	<b>5,672</b>	<b>12,803</b>	<b>158,056</b>
Refinery .....	3,285	11,772	25,741	3,213	7,804	51,815
Bulk Terminal .....	29,297	19,620	22,434	1,622	4,099	77,072
Pipeline .....	7,682	7,995	11,755	837	900	29,169
<b>CBOB</b> .....	<b>27,377</b>	<b>32,212</b>	<b>32,898</b>	<b>3,847</b>	<b>6,307</b>	<b>102,641</b>
Refinery .....	631	5,852	11,651	1,390	1,947	21,471
Bulk Terminal .....	19,064	18,889	9,615	1,620	3,469	52,657
Pipeline .....	7,682	7,471	11,632	837	891	28,513
<b>GTAB</b> .....	<b>1,246</b>	—	—	—	—	<b>1,246</b>
Refinery .....	—	—	—	—	—	—
Bulk Terminal .....	1,246	—	—	—	—	1,246
Pipeline .....	—	—	—	—	—	—
<b>Other</b> .....	<b>11,641</b>	<b>7,175</b>	<b>27,032</b>	<b>1,825</b>	<b>6,496</b>	<b>54,169</b>
Refinery .....	2,654	5,920	14,090	1,823	5,857	30,344
Bulk Terminal .....	8,987	731	12,819	2	630	23,169
Pipeline .....	—	524	123	—	9	656
<b>Aviation Gasoline Blending Components</b> .....	—	—	<b>9</b>	—	—	<b>9</b>
Refinery .....	—	—	9	—	—	9
Bulk Terminal .....	—	—	—	—	—	—
<b>Finished Motor Gasoline</b> .....	<b>5,492</b>	<b>7,296</b>	<b>11,198</b>	<b>2,238</b>	<b>2,159</b>	<b>28,383</b>
Refinery .....	31	1,708	4,844	1,060	700	8,343
Bulk Terminal .....	1,812	2,984	3,050	881	1,331	10,058
Pipeline .....	3,649	2,604	3,304	297	128	9,982
<b>Reformulated</b> .....	<b>31</b>	—	—	—	—	<b>47</b>
Refinery .....	—	—	—	—	16	16
Bulk Terminal .....	31	—	—	—	—	31
Pipeline .....	—	—	—	—	—	—
<b>Reformulated (Blended with Fuel Ethanol)</b> .....	<b>31</b>	—	—	—	—	<b>47</b>
Refinery .....	—	—	—	—	16	16
Bulk Terminal .....	31	—	—	—	—	31
Pipeline .....	—	—	—	—	—	—

See footnotes at end of table.

**Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, 2016**  
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
<b>Reformulated (Other)</b> .....	—	—	—	—	—	—
Refinery .....	—	—	—	—	—	—
Bulk Terminal .....	—	—	—	—	—	—
Pipeline .....	—	—	—	—	—	—
<b>Conventional</b> .....	<b>5,461</b>	<b>7,296</b>	<b>11,198</b>	<b>2,238</b>	<b>2,143</b>	<b>28,336</b>
Refinery .....	31	1,708	4,844	1,060	684	8,327
Bulk Terminal .....	1,781	2,984	3,050	881	1,331	10,027
Pipeline .....	3,649	2,604	3,304	297	128	9,982
<b>Conventional (Blended with Fuel Ethanol)</b> .....	<b>47</b>	<b>79</b>	—	<b>48</b>	<b>1</b>	<b>175</b>
Refinery .....	—	—	—	45	—	45
Bulk Terminal .....	47	79	—	3	1	130
Pipeline .....	—	—	—	—	—	—
<b>Ed55 and Lower</b> .....	<b>47</b>	<b>79</b>	—	<b>48</b>	<b>1</b>	<b>175</b>
Refinery .....	—	—	—	45	—	45
Bulk Terminal .....	47	79	—	3	1	130
Pipeline .....	—	—	—	—	—	—
<b>Greater than Ed55</b> .....	—	—	—	—	—	—
Refinery .....	—	—	—	—	—	—
Bulk Terminal .....	—	—	—	—	—	—
Pipeline .....	—	—	—	—	—	—
<b>Conventional (Other)</b> .....	<b>5,414</b>	<b>7,217</b>	<b>11,198</b>	<b>2,190</b>	<b>2,142</b>	<b>28,161</b>
Refinery .....	31	1,708	4,844	1,015	684	8,282
Bulk Terminal .....	1,734	2,905	3,050	878	1,330	9,897
Pipeline .....	3,649	2,604	3,304	297	128	9,982
<b>Finished Aviation Gasoline</b> .....	<b>164</b>	<b>211</b>	<b>417</b>	<b>9</b>	<b>193</b>	<b>994</b>
Refinery .....	—	92	353	9	111	565
Bulk Terminal .....	164	119	64	—	82	429
Pipeline .....	—	—	—	—	—	—
<b>Kerosene-Type Jet Fuel</b> .....	<b>11,078</b>	<b>6,928</b>	<b>15,193</b>	<b>600</b>	<b>9,211</b>	<b>43,010</b>
Refinery .....	376	1,722	5,971	267	3,751	12,087
Bulk Terminal .....	5,753	3,275	5,018	241	4,621	18,908
Pipeline .....	4,949	1,931	4,204	92	839	12,015
<b>Kerosene</b> .....	<b>1,759</b>	<b>202</b>	<b>119</b>	<b>1</b>	<b>47</b>	<b>2,128</b>
Refinery .....	117	173	104	1	6	401
Bulk Terminal .....	1,592	29	2	—	41	1,664
Pipeline .....	50	—	13	—	—	63
<b>Distillate Fuel Oil<sup>2</sup></b> .....	<b>67,530</b>	<b>32,473</b>	<b>48,923</b>	<b>4,316</b>	<b>12,853</b>	<b>166,095</b>
Refinery .....	2,374	6,882	15,365	1,987	5,239	31,847
Bulk Terminal .....	55,637	19,044	21,214	1,481	6,261	103,637
Pipeline .....	9,519	6,547	12,344	848	1,353	30,611
<b>15 ppm sulfur and Under</b> .....	<b>54,530</b>	<b>31,199</b>	<b>42,613</b>	<b>4,042</b>	<b>11,888</b>	<b>144,272</b>
Refinery .....	1,578	5,911	13,200	1,761	4,492	26,942
Bulk Terminal .....	45,315	18,920	18,069	1,435	6,153	89,892
Pipeline .....	7,637	6,368	11,344	846	1,243	27,438
<b>Greater than 15 ppm to 500 ppm sulfur</b> .....	<b>6,007</b>	<b>450</b>	<b>1,465</b>	<b>220</b>	<b>267</b>	<b>8,409</b>
Refinery .....	129	223	647	172	237	1,408
Bulk Terminal .....	5,832	91	587	46	3	6,559
Pipeline .....	46	136	231	2	27	442
<b>Greater than 500 ppm sulfur</b> .....	<b>6,993</b>	<b>824</b>	<b>4,845</b>	<b>54</b>	<b>698</b>	<b>13,414</b>
Refinery .....	667	748	1,518	54	510	3,497
Bulk Terminal .....	4,490	33	2,558	—	105	7,186
Pipeline .....	1,836	43	769	—	83	2,731
<b>Residual Fuel Oil<sup>5</sup></b> .....	<b>10,924</b>	<b>1,489</b>	<b>24,356</b>	<b>224</b>	<b>4,482</b>	<b>41,475</b>
Refinery .....	689	1,235	3,839	224	2,654	8,641
Bulk Terminal .....	10,235	254	20,517	—	1,822	32,828
Pipeline .....	—	—	—	—	6	6
<b>Less than 0.31% Sulfur</b> .....	<b>2,057</b>	<b>32</b>	<b>2,271</b>	<b>34</b>	<b>134</b>	<b>4,528</b>
Refinery .....	166	26	197	34	—	423
Bulk Terminal .....	1,891	6	2,074	—	134	4,105
<b>0.31% to 1.00% Sulfur</b> .....	<b>1,512</b>	<b>287</b>	<b>5,289</b>	<b>4</b>	<b>849</b>	<b>7,941</b>
Refinery .....	80	157	241	4	536	1,018
Bulk Terminal .....	1,432	130	5,048	—	313	6,923
<b>Greater than 1.00% Percent Sulfur</b> .....	<b>7,355</b>	<b>1,170</b>	<b>16,796</b>	<b>186</b>	<b>3,493</b>	<b>29,000</b>
Refinery .....	443	1,052	3,401	186	2,118	7,200
Bulk Terminal .....	6,912	118	13,395	—	1,375	21,800
<b>Petrochemical Feedstocks</b> .....	<b>159</b>	<b>533</b>	<b>2,547</b>	—	<b>1</b>	<b>3,240</b>
Refinery .....	159	533	2,547	—	1	3,240
Naphtha for Petrochemical Feedstock Use .....	159	391	1,460	—	1	2,011
Other Oils for Petrochemical Feedstock Use .....	—	142	1,087	—	—	1,229
<b>Special Naphthas</b> .....	<b>22</b>	<b>161</b>	<b>1,006</b>	—	<b>29</b>	<b>1,218</b>
Refinery .....	10	85	837	—	29	961
Bulk Terminal .....	12	76	169	—	—	257
<b>Lubricants</b> .....	<b>1,208</b>	<b>740</b>	<b>9,828</b>	—	<b>592</b>	<b>12,368</b>
Refinery .....	637	264	6,404	—	402	7,707
Bulk Terminal .....	571	476	3,424	—	190	4,661
<b>Waxes</b> .....	<b>377</b>	<b>44</b>	<b>250</b>	—	—	<b>671</b>
Refinery .....	377	44	250	—	—	671
<b>Petroleum Coke</b> .....	—	<b>1,078</b>	<b>4,548</b>	<b>144</b>	<b>1,213</b>	<b>6,983</b>
Refinery .....	—	1,078	4,548	144	1,213	6,983
<b>Asphalt and Road Oil</b> .....	<b>4,504</b>	<b>10,219</b>	<b>4,837</b>	<b>1,460</b>	<b>1,861</b>	<b>22,881</b>
Refinery .....	772	3,729	2,380	672	796	8,349
Bulk Terminal .....	3,732	6,490	2,457	788	1,065	14,532

See footnotes at end of table.

**Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, 2016**  
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
<b>Miscellaneous Products</b> .....	37	123	424	17	81	682
Refinery .....	37	123	418	17	77	672
Bulk Terminal .....	—	—	1	—	—	1
Pipeline .....	—	—	5	—	4	9
<b>Total Stocks, All Oils</b> .....	<b>198,483</b>	<b>328,318</b>	<b>1,319,470</b>	<b>44,556</b>	<b>138,745</b>	<b>2,029,572</b>

— = No Data Reported.

<sup>1</sup> Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.

<sup>2</sup> Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

Includes stocks held at fuel ethanol production facilities.

<sup>3</sup> Includes stocks held by merchant producers.

<sup>4</sup> Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

<sup>5</sup> Sulfur content not available for stocks held by pipelines.

Note: Stocks are reported as of the last day of the month.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report."

**Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, 2016**  
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components <sup>1</sup>			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
<b>PAD District 1</b>	<b>31</b>	<b>1,812</b>	<b>1,843</b>	<b>15,680</b>	<b>32,582</b>	<b>48,262</b>	<b>1,709</b>
Connecticut	–	–	–	1,488	–	1,488	47
Delaware	–	–	–	795	441	1,236	100
District of Columbia	–	–	–	–	–	–	–
Florida	–	630	630	–	5,099	5,099	–
Georgia	–	292	292	–	2,748	2,748	–
Maine	–	–	–	306	253	559	151
Maryland	–	–	–	1,321	95	1,416	100
Massachusetts	5	–	5	1,345	144	1,489	13
New Hampshire	–	–	–	–	–	–	24
New Jersey	–	178	178	5,741	11,525	17,266	24
New York	26	–	26	990	2,103	3,093	587
North Carolina	–	232	232	–	2,528	2,528	400
Pennsylvania	–	14	14	1,296	4,316	5,612	167
Rhode Island	–	–	–	673	–	673	–
South Carolina	–	228	228	–	1,579	1,579	35
Vermont	–	47	47	–	–	–	4
Virginia	–	150	150	1,725	1,593	3,318	57
West Virginia	–	41	41	–	158	158	–
<b>PAD District 2</b>	<b>–</b>	<b>4,692</b>	<b>4,692</b>	<b>4,843</b>	<b>31,392</b>	<b>36,235</b>	<b>202</b>
Illinois	–	475	475	2,324	4,360	6,684	172
Indiana	–	295	295	1,043	4,341	5,384	1
Iowa	–	153	153	–	1,684	1,684	–
Kansas	–	344	344	–	2,966	2,966	20
Kentucky	–	299	299	386	1,106	1,492	4
Michigan	–	319	319	72	2,844	2,916	–
Minnesota	–	359	359	138	1,928	2,066	–
Missouri	–	261	261	368	508	876	–
Nebraska	–	134	134	–	780	780	–
North Dakota	–	215	215	–	702	702	–
Ohio	–	1,093	1,093	11	3,948	3,959	–
Oklahoma	–	319	319	–	2,496	2,496	5
South Dakota	–	73	73	–	456	456	–
Tennessee	–	182	182	–	2,103	2,103	–
Wisconsin	–	171	171	501	1,170	1,671	–
<b>PAD District 3</b>	<b>–</b>	<b>7,894</b>	<b>7,894</b>	<b>7,488</b>	<b>48,175</b>	<b>55,663</b>	<b>106</b>
Alabama	–	148	148	–	1,371	1,371	6
Arkansas	–	184	184	–	788	788	–
Louisiana	–	1,488	1,488	261	12,243	12,504	63
Mississippi	–	1,239	1,239	204	2,100	2,304	–
New Mexico	–	98	98	–	547	547	–
Texas	–	4,737	4,737	7,023	31,126	38,149	37
<b>PAD District 4</b>	<b>–</b>	<b>1,941</b>	<b>1,941</b>	<b>–</b>	<b>4,835</b>	<b>4,835</b>	<b>1</b>
Colorado	–	590	590	–	1,146	1,146	–
Idaho	–	287	287	–	134	134	–
Montana	–	588	588	–	1,495	1,495	–
Utah	–	118	118	–	1,259	1,259	1
Wyoming	–	358	358	–	801	801	–
<b>PAD District 5</b>	<b>16</b>	<b>2,015</b>	<b>2,031</b>	<b>12,597</b>	<b>11,903</b>	<b>24,500</b>	<b>47</b>
Alaska	–	769	769	–	–	–	41
Arizona	–	109	109	642	351	993	–
California	16	294	310	11,832	5,986	17,818	6
Hawaii	–	2	2	–	709	709	–
Nevada	–	135	135	16	267	283	–
Oregon	–	94	94	–	1,162	1,162	–
Washington	–	612	612	107	3,428	3,535	–
<b>U.S. Total</b>	<b>47</b>	<b>18,354</b>	<b>18,401</b>	<b>40,608</b>	<b>128,887</b>	<b>169,495</b>	<b>2,065</b>

See footnotes at end of table.

**Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, 2016**  
(Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil <sup>1</sup>				Residual Fuel Oil	Propane
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
<b>PAD District 1</b>	<b>46,893</b>	<b>5,961</b>	<b>5,157</b>	<b>58,011</b>	<b>10,924</b>	<b>5,327</b>
Connecticut	2,772	2,529	99	5,400	31	—
Delaware	429	22	44	495	841	21
District of Columbia	—	—	—	—	—	—
Florida	2,668	70	—	2,738	2,049	582
Georgia	1,372	—	—	1,372	415	14
Maine	1,041	2	669	1,712	124	—
Maryland	3,938	352	—	4,290	797	2
Massachusetts	897	895	629	2,421	156	—
New Hampshire	295	—	347	642	33	429
New Jersey	16,364	438	875	17,677	3,376	99
New York	7,589	271	908	8,768	1,717	1,264
North Carolina	1,328	—	17	1,345	—	443
Pennsylvania	4,261	261	911	5,433	603	1,442
Rhode Island	555	911	82	1,548	58	—
South Carolina	847	—	—	847	340	946
Vermont	46	—	33	79	—	—
Virginia	2,360	196	543	3,099	384	5
West Virginia	131	14	—	145	—	80
<b>PAD District 2</b>	<b>24,831</b>	<b>314</b>	<b>781</b>	<b>25,926</b>	<b>1,489</b>	<b>17,338</b>
Illinois	3,357	—	—	3,357	605	882
Indiana	3,050	—	97	3,147	72	245
Iowa	2,596	—	—	2,596	2	577
Kansas	2,658	—	—	2,658	22	9,217
Kentucky	934	—	2	936	209	226
Michigan	1,387	63	—	1,450	125	4,762
Minnesota	1,805	6	427	2,238	122	188
Missouri	903	22	5	930	55	148
Nebraska	1,012	—	—	1,012	—	384
North Dakota	859	1	—	860	55	54
Ohio	1,936	—	69	2,005	125	529
Oklahoma	1,295	59	146	1,500	25	69
South Dakota	675	—	—	675	—	14
Tennessee	924	—	—	924	48	1
Wisconsin	1,440	163	35	1,638	24	42
<b>PAD District 3</b>	<b>31,269</b>	<b>1,234</b>	<b>4,076</b>	<b>36,579</b>	<b>24,356</b>	<b>40,375</b>
Alabama	1,594	18	20	1,632	287	26
Arkansas	810	—	36	846	—	49
Louisiana	5,391	769	1,375	7,535	11,687	2,752
Mississippi	1,224	305	128	1,657	46	5,669
New Mexico	296	—	—	296	82	17
Texas	21,954	142	2,517	24,613	12,254	31,862
<b>PAD District 4</b>	<b>3,196</b>	<b>218</b>	<b>54</b>	<b>3,468</b>	<b>224</b>	<b>591</b>
Colorado	616	—	—	616	4	20
Idaho	218	—	—	218	—	—
Montana	1,160	66	—	1,226	92	20
Utah	594	75	54	723	46	520
Wyoming	608	77	—	685	82	31
<b>PAD District 5</b>	<b>10,645</b>	<b>240</b>	<b>615</b>	<b>11,500</b>	<b>4,476</b>	<b>1,563</b>
Alaska	1,021	—	59	1,080	325	6
Arizona	462	3	—	465	—	1,045
California	5,597	237	285	6,119	2,135	351
Hawaii	324	—	269	593	953	58
Nevada	396	—	2	398	—	—
Oregon	994	—	—	994	7	—
Washington	1,851	—	—	1,851	1,056	103
<b>U.S. Total</b>	<b>116,834</b>	<b>7,967</b>	<b>10,683</b>	<b>135,484</b>	<b>41,469</b>	<b>65,194</b>

— = No Data Reported.

<sup>1</sup> Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

Note: Stocks are reported as of the last day of the month.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report."

**Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail Between PAD Districts, 2016**  
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
<b>Crude Oil<sup>1</sup></b> .....	<b>1,544</b>	<b>1,421</b>	<b>0</b>	<b>64,659</b>	<b>371,860</b>	<b>86,813</b>	<b>48,603</b>	<b>13,042</b>	<b>354,182</b>
<b>Petroleum Products<sup>2</sup></b> .....	<b>165,375</b>	<b>5,001</b>	<b>0</b>	<b>178,581</b>	<b>357,153</b>	<b>80,987</b>	<b>56,200</b>	<b>1,194,365</b>	<b>264,010</b>
<b>Hydrocarbon Gas Liquids</b> .....	<b>51,963</b>	<b>4,293</b>	<b>0</b>	<b>31,649</b>	<b>236,617</b>	<b>42,474</b>	<b>5,847</b>	<b>18,029</b>	<b>92,980</b>
Natural Gas Liquids .....	51,963	4,293	0	28,538	231,641	42,474	5,847	18,029	92,980
Ethane .....	46,867	0	–	540	94,478	11,285	–	0	4,786
Propane .....	1,291	3,240	0	19,258	90,675	18,119	2,489	16,974	13,134
Normal Butane .....	2,330	866	0	6,422	24,190	7,134	2,490	989	5,662
Isobutane .....	1,338	187	0	2,233	8,338	2,551	868	66	7,418
Natural Gasoline .....	137	0	–	85	13,960	3,385	–	0	61,980
Refinery Olefins .....	0	0	–	3,111	4,976	–	–	0	0
Ethylene .....	–	–	–	–	–	–	–	–	–
Propylene .....	0	0	–	3,111	4,976	–	–	0	0
Butylene .....	–	–	–	–	–	–	–	–	–
Isobutylene .....	–	–	–	–	–	–	–	–	–
Unfinished Oils .....	542	0	0	0	8,559	–	0	161	2,052
Motor Gasoline Blending Components .....	76,238	118	0	15,634	17,349	15,897	0	606,677	88,062
Reformulated - RBOB .....	30	0	0	436	3,181	–	0	95,424	33,040
Conventional .....	76,208	118	0	15,198	14,168	15,897	0	511,253	55,022
CBOB .....	76,182	0	0	15,145	11,123	15,897	0	510,590	44,616
GTAB .....	–	–	–	–	–	–	–	–	–
Other .....	26	118	0	53	3,045	–	0	663	10,406
Renewable Fuels .....	80	0	0	108,235	63,475	4,853	48,768	4,073	227
Fuel Ethanol .....	0	0	0	106,576	61,142	4,335	46,859	3,975	0
Renewable Diesel Fuel .....	80	0	0	1,659	2,333	518	1,909	98	227
Other Renewable Fuels .....	–	–	–	–	–	–	–	–	–
Finished Motor Gasoline .....	2,203	0	0	1,975	2,415	3,158	0	84,827	11,897
Reformulated .....	–	0	–	0	0	–	–	44	–
Reformulated Blended with Fuel Ethanol .....	–	0	–	0	0	–	–	44	–
Reformulated Other .....	–	–	–	–	–	–	–	–	–
Conventional .....	2,203	0	0	1,975	2,415	3,158	0	84,783	11,897
Conventional Blended with Fuel Ethanol .....	0	0	–	–	20	–	–	–	0
Ed55 and Lower .....	0	0	–	–	20	–	–	–	0
Greater than Ed55 .....	–	–	–	–	–	–	–	–	–
Conventional Other .....	2,203	0	0	1,975	2,395	3,158	0	84,783	11,897
Finished Aviation Gasoline .....	0	0	0	0	298	–	0	6,147	598
Kerosene-Type Jet Fuel .....	2,664	0	0	926	216	7,847	0	163,226	16,926
Kerosene .....	0	0	–	–	0	–	–	–	182
Distillate Fuel Oil .....	30,635	0	0	8,853	10,082	6,267	0	299,849	44,842
15 ppm sulfur and under .....	30,635	0	0	8,853	10,082	6,267	0	274,478	43,653
Greater than 15 ppm to 500 ppm sulfur .....	0	0	–	0	0	–	–	3,222	1,097
Greater than 500 ppm sulfur .....	0	0	–	0	0	–	–	22,149	92
Residual Fuel Oil .....	0	194	0	23	9,685	–	0	176	15
Petrochemical Feedstocks .....	151	0	–	0	1,267	–	–	36	0
Naphtha for Petrochemical Feedstock Use .....	0	0	–	0	1,131	–	–	36	0
Other Oils for Petrochemical Feedstock Use .....	151	0	–	0	136	–	–	0	0
Special Naphthas .....	0	0	–	–	0	–	–	–	391
Lubricants .....	0	171	0	53	0	–	0	6,353	2,680
Waxes .....	–	–	–	–	–	–	–	–	–
Marketable Petroleum Coke .....	0	165	0	4,112	4,069	81	332	218	160
Asphalt and Road Oil .....	900	60	0	7,122	3,121	410	1,252	4,593	2,885
Miscellaneous Products .....	0	0	–	–	0	0	–	–	114
<b>Total</b> .....	<b>166,919</b>	<b>6,422</b>	<b>0</b>	<b>243,240</b>	<b>729,013</b>	<b>167,800</b>	<b>104,803</b>	<b>1,207,407</b>	<b>618,192</b>

See footnotes at end of table.

**Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail Between PAD Districts, 2016**  
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to			
	4	5	1	2	3	5	1	2	3	4
<b>Crude Oil<sup>1</sup></b> .....	0	554	582	201,852	18,099	208	0	0	0	0
<b>Petroleum Products<sup>2</sup></b> .....	60	69,846	460	87,838	86,392	29,416	0	628	917	210
<b>Hydrocarbon Gas Liquids</b> .....	0	1,517	0	74,614	83,685	3,434	0	0	0	0
Natural Gas Liquids .....	0	1,517	0	74,614	83,685	3,434	0	0	0	0
Ethane .....	0	—	0	19,150	22,947	—	0	0	0	0
Propane .....	0	0	0	30,102	31,114	1,664	0	0	0	0
Normal Butane .....	0	1,015	0	12,041	10,919	1,485	0	0	0	0
Isobutane .....	0	502	0	5,405	6,580	285	0	0	0	0
Natural Gasoline .....	0	—	0	7,916	12,125	—	0	0	0	0
Refinery Olefins .....	—	—	0	0	0	—	0	0	0	—
Ethylene .....	—	—	—	—	—	—	—	—	—	—
Propylene .....	—	—	0	0	0	—	0	0	0	—
Butylene .....	—	—	—	—	—	—	—	—	—	—
Isobutylene .....	—	—	—	—	—	—	—	—	—	—
Unfinished Oils .....	—	0	0	0	0	0	0	0	0	—
Motor Gasoline Blending Components .....	0	47,601	0	2,535	0	13,082	0	0	0	0
Reformulated - RBOB .....	—	29,677	0	0	0	0	0	0	0	—
Conventional .....	0	17,924	0	2,535	0	13,082	0	0	0	0
CBOB .....	0	17,804	0	2,535	0	13,082	0	0	0	0
GTAB .....	—	—	—	—	—	—	—	—	—	—
Other .....	—	120	0	0	0	0	0	0	0	—
Renewable Fuels .....	0	5,956	0	0	0	326	0	0	99	41
Fuel Ethanol .....	0	4,522	0	0	0	326	0	0	0	0
Renewable Diesel Fuel .....	0	1,433	0	0	0	0	0	0	99	41
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline .....	0	0	0	3,775	0	4,449	0	0	0	0
Reformulated .....	—	—	0	—	0	—	0	—	0	—
Reformulated Blended with Fuel Ethanol .....	—	—	0	—	0	—	0	—	0	—
Reformulated Other .....	—	—	—	—	—	—	—	—	—	—
Conventional .....	0	0	0	3,775	0	4,449	0	0	0	0
Conventional Blended with Fuel Ethanol .....	—	—	—	0	0	—	—	0	0	—
Ed55 and Lower .....	—	—	—	0	0	—	—	0	0	—
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—	—
Conventional Other .....	0	0	0	3,775	0	4,449	0	0	0	0
Finished Aviation Gasoline .....	—	24	0	0	0	0	0	0	0	—
Kerosene-Type Jet Fuel .....	0	2,676	0	577	0	159	0	0	0	0
Kerosene .....	—	—	—	0	0	—	—	0	0	—
Distillate Fuel Oil .....	0	9,997	0	4,337	0	3,912	0	0	0	0
15 ppm sulfur and under .....	0	9,997	0	4,337	0	3,912	0	0	0	0
Greater than 15 ppm to 500 ppm sulfur .....	—	—	0	0	0	—	0	0	0	—
Greater than 500 ppm sulfur .....	—	—	0	0	0	—	0	0	0	—
Residual Fuel Oil .....	—	599	0	0	0	0	0	0	0	—
Petrochemical Feedstocks .....	—	—	0	0	0	—	0	0	0	—
Naphtha for Petrochemical Feedstock Use .....	—	—	0	0	0	—	0	0	0	—
Other Oils for Petrochemical Feedstock Use .....	—	—	0	0	0	—	0	0	0	—
Special Naphthas .....	—	—	—	0	0	—	—	0	0	—
Lubricants .....	—	0	0	0	0	0	0	0	112	—
Waxes .....	—	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke .....	0	0	0	601	1,795	939	0	242	285	25
Asphalt and Road Oil .....	60	1,476	460	1,399	912	3,114	0	386	421	144
Miscellaneous Products .....	0	—	—	25	0	—	—	0	0	0
<b>Total</b> .....	<b>60</b>	<b>70,399</b>	<b>1,042</b>	<b>289,690</b>	<b>104,491</b>	<b>29,624</b>	<b>0</b>	<b>628</b>	<b>917</b>	<b>210</b>

— = No Data Reported.

<sup>1</sup> Includes movements by pipeline, tanker, barge and rail.

<sup>2</sup> Includes movements by pipeline, tanker and barge.

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 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, 2016**  
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
<b>Crude Oil<sup>1</sup></b> .....	<b>1,287</b>	<b>571</b>	<b>2,535</b>	<b>347,163</b>	<b>86,813</b>	<b>2,386</b>	<b>353,557</b>	<b>0</b>	<b>-</b>
<b>Petroleum Products<sup>2</sup></b> .....	<b>159,053</b>	<b>0</b>	<b>26,567</b>	<b>239,329</b>	<b>75,643</b>	<b>953,490</b>	<b>239,429</b>	<b>0</b>	<b>60,154</b>
Natural Gas Liquids .....	47,757	0	9,442	213,983	42,474	15,404	89,674	0	-
Ethane .....	46,867	0	540	94,478	11,285	0	4,786	0	-
Propane .....	537	0	8,817	76,258	18,119	15,404	11,439	0	-
Normal Butane .....	60	0	0	21,643	7,134	0	4,796	0	-
Isobutane .....	156	0	0	7,644	2,551	0	6,673	0	-
Natural Gasoline .....	137	0	85	13,960	3,385	0	61,980	0	-
Motor Gasoline Blending Components .....	76,030	0	9,413	14,304	15,897	488,373	82,436	0	47,481
Reformulated - RBOB .....	30	0	0	3,181	-	94,608	33,040	-	29,677
Conventional .....	76,000	0	9,413	11,123	15,897	393,765	49,396	0	17,804
CBOB .....	76,000	0	9,413	11,123	15,897	393,765	43,320	0	17,804
GTAB .....	-	-	-	-	-	-	-	-	-
Other .....	0	0	-	0	-	-	6,076	-	-
Renewable Fuels .....	-	-	-	-	-	-	-	-	-
Fuel Ethanol .....	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel .....	-	-	-	-	-	-	-	-	-
Other Renewable Fuels .....	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline .....	2,199	0	1,641	1,188	3,158	40,444	9,418	0	0
Reformulated .....	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol .....	-	-	-	-	-	-	-	-	-
Reformulated Other .....	-	-	-	-	-	-	-	-	-
Conventional .....	2,199	0	1,641	1,188	3,158	40,444	9,418	0	0
Conventional Blended with Fuel Ethanol .....	-	-	-	-	-	-	-	-	-
Ed55 and Lower .....	-	-	-	-	-	-	-	-	-
Greater than Ed55 .....	-	-	-	-	-	-	-	-	-
Conventional Other .....	2,199	0	1,641	1,188	3,158	40,444	9,418	0	0
Finished Aviation Gasoline .....	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel .....	2,599	0	926	216	7,847	147,822	16,876	0	2,676
Kerosene .....	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil .....	30,468	0	5,145	9,638	6,267	261,447	41,025	0	9,997
15 ppm sulfur and under .....	30,468	0	5,145	9,638	6,267	236,076	40,002	0	9,997
Greater than 15 ppm to 500 ppm sulfur .....	0	0	0	0	-	3,222	1,023	-	-
Greater than 500 ppm sulfur .....	-	0	0	0	-	22,149	-	-	-
Residual Fuel Oil .....	-	-	-	-	-	-	-	-	-
Miscellaneous Products .....	0	0	-	25	0	-	0	0	-
<b>Total</b> .....	<b>160,340</b>	<b>571</b>	<b>29,102</b>	<b>586,492</b>	<b>162,456</b>	<b>955,876</b>	<b>592,986</b>	<b>0</b>	<b>60,154</b>

See footnotes at end of table.

**Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, 2016**  
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
<b>Crude Oil</b> <sup>1</sup> .....	0	201,852	4,663	—	0	0
<b>Petroleum Products</b> <sup>2</sup> .....	0	85,838	83,685	21,602	0	0
Natural Gas Liquids .....	0	74,614	83,685	—	0	0
Ethane .....	0	19,150	22,947	—	0	0
Propane .....	0	30,102	31,114	—	0	0
Normal Butane .....	0	12,041	10,919	—	0	0
Isobutane .....	0	5,405	6,580	—	0	0
Natural Gasoline .....	0	7,916	12,125	—	0	0
Motor Gasoline Blending Components .....	0	2,535	0	13,082	0	0
Reformulated - RBOB .....	0	0	0	0	0	—
Conventional .....	0	2,535	0	13,082	0	0
CBOB .....	0	2,535	0	13,082	0	0
GTAB .....	—	—	—	—	—	—
Other .....	—	0	0	—	0	—
Renewable Fuels .....	—	—	—	—	—	—
Fuel Ethanol .....	—	—	—	—	—	—
Renewable Diesel Fuel .....	—	—	—	—	—	—
Other Renewable Fuels .....	—	—	—	—	—	—
Finished Motor Gasoline .....	0	3,775	0	4,449	0	0
Reformulated .....	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—
Reformulated Other .....	—	—	—	—	—	—
Conventional .....	0	3,775	0	4,449	0	0
Conventional Blended with Fuel Ethanol .....	—	—	—	—	—	—
Ed55 and Lower .....	—	—	—	—	—	—
Greater than Ed55 .....	—	—	—	—	—	—
Conventional Other .....	0	3,775	0	4,449	0	0
Finished Aviation Gasoline .....	—	—	—	—	—	—
Kerosene-Type Jet Fuel .....	0	577	0	159	0	0
Kerosene .....	—	—	—	—	—	—
Distillate Fuel Oil .....	0	4,337	0	3,912	0	0
15 ppm sulfur and under .....	0	4,337	0	3,912	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 .....	—	25	0	—	0	0
<b>Total</b> .....	<b>0</b>	<b>287,690</b>	<b>88,348</b>	<b>21,602</b>	<b>0</b>	<b>0</b>

— = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report."

<sup>1</sup> Includes movements by pipeline, tanker, barge and rail.

<sup>2</sup> Includes movements by pipeline, tanker and barge.

**Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, 2016**  
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
Crude Oil .....	257	850	—	4,009	8,987	—
<b>Petroleum Products .....</b>	<b>1,137</b>	<b>483</b>	<b>0</b>	<b>11,013</b>	<b>33,708</b>	<b>0</b>
Natural Gas Liquids .....	—	0	—	0	0	—
Ethane .....	—	—	—	—	—	—
Propane .....	—	0	—	0	0	—
Normal Butane .....	—	—	—	—	—	—
Isobutane .....	—	—	—	—	—	—
Natural Gasoline .....	—	—	—	—	—	—
Unfinished Oils .....	542	0	—	0	8,559	—
Motor Gasoline Blending Components .....	208	118	0	6,221	3,045	0
Reformulated - RBOB .....	0	0	—	436	0	—
Conventional .....	208	118	0	5,785	3,045	0
CBOB .....	182	0	—	5,732	0	—
GTAB .....	—	—	—	—	—	—
Other .....	26	118	0	53	3,045	0
Renewable Fuels .....	0	0	0	100	8,876	0
Fuel Ethanol .....	0	0	—	100	8,773	—
Renewable Diesel Fuel .....	0	0	0	0	103	0
Other Renewable Fuels .....	—	—	—	—	—	—
Finished Motor Gasoline .....	4	0	—	334	1,227	—
Reformulated .....	—	0	—	0	0	—
Reformulated Blended with Fuel Ethanol .....	—	0	—	0	0	—
Reformulated Other .....	—	—	—	—	—	—
Conventional .....	4	0	—	334	1,227	—
Conventional Blended with Fuel Ethanol .....	0	0	—	—	20	—
Ed55 and Lower .....	0	0	—	—	20	—
Greater than Ed55 .....	—	—	—	—	—	—
Conventional Other .....	4	0	—	334	1,207	—
Finished Aviation Gasoline .....	0	0	0	0	298	0
Kerosene-Type Jet Fuel .....	65	0	—	0	0	—
Kerosene .....	0	0	—	—	0	—
Distillate Fuel Oil .....	167	0	—	3,708	444	—
15 ppm sulfur and under .....	167	0	—	3,708	444	—
Greater than 15 ppm to 500 ppm sulfur .....	0	0	—	—	0	—
Greater than 500 ppm sulfur .....	0	0	—	—	0	—
Residual Fuel Oil .....	0	194	0	23	9,685	0
Less than 0.31 percent sulfur .....	0	194	—	0	51	—
0.31 to 1.00 percent sulfur .....	0	0	—	—	205	—
Greater than 1.00 percent sulfur .....	0	0	0	23	9,429	0
Petrochemical Feedstocks .....	151	0	—	0	1,267	—
Naphtha for Petrochemical Feedstock Use .....	0	0	—	0	1,131	—
Other Oils for Petrochemical Feedstock Use .....	151	0	—	0	136	—
Special Naphthas .....	0	0	—	—	0	—
Lubricants .....	0	171	0	53	0	0
Waxes .....	—	—	—	—	—	—
Marketable Petroleum Coke .....	—	—	—	—	—	—
Asphalt and Road Oil .....	0	0	—	574	307	—
Miscellaneous Products .....	0	0	—	—	0	—
<b>Total .....</b>	<b>1,394</b>	<b>1,333</b>	<b>0</b>	<b>15,022</b>	<b>42,695</b>	<b>0</b>

See footnotes at end of table.

**Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, 2016**  
(Thousand Barrels) — Continued

Commodity	From 3 to					From 5 to			
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
Crude Oil .....	10,656	—	10,656	—	625	—	0	0	0
<b>Petroleum Products .....</b>	<b>236,949</b>	<b>472</b>	<b>5,857</b>	<b>230,620</b>	<b>19,831</b>	<b>1,337</b>	<b>0</b>	<b>0</b>	<b>192</b>
Natural Gas Liquids .....	291	—	—	291	—	—	0	—	0
Ethane .....	—	—	—	—	—	—	—	—	—
Propane .....	291	—	—	291	—	—	0	—	0
Normal Butane .....	—	—	—	—	—	—	—	—	—
Isobutane .....	—	—	—	—	—	—	—	—	—
Natural Gasoline .....	—	—	—	—	—	—	—	—	—
Unfinished Oils .....	161	—	161	—	2,052	—	0	0	0
Motor Gasoline Blending Components .....	118,304	431	1,474	116,399	5,626	120	0	0	0
Reformulated - RBOB .....	816	318	498	—	0	—	0	0	0
Conventional .....	117,488	113	976	116,399	5,626	120	0	0	0
CBOB .....	116,825	113	504	116,208	1,296	—	0	0	0
GTAB .....	—	—	—	—	—	—	—	—	—
Other .....	663	—	472	191	4,330	120	0	0	0
Renewable Fuels .....	4,050	—	—	4,050	20	594	0	0	80
Fuel Ethanol .....	3,975	—	—	3,975	0	—	0	0	0
Renewable Diesel Fuel .....	75	—	—	75	20	594	0	0	80
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline .....	44,383	—	360	44,023	2,479	—	0	0	0
Reformulated .....	44	—	44	—	—	—	0	—	0
Reformulated Blended with Fuel Ethanol .....	44	—	44	—	—	—	0	—	0
Reformulated Other .....	—	—	—	—	—	—	—	—	—
Conventional .....	44,339	—	316	44,023	2,479	—	0	0	0
Conventional Blended with Fuel Ethanol .....	—	—	—	—	0	—	—	0	0
Ed55 and Lower .....	—	—	—	—	0	—	—	0	0
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—
Conventional Other .....	44,339	—	316	44,023	2,479	—	0	0	0
Finished Aviation Gasoline .....	6,147	41	141	5,965	598	24	0	0	0
Kerosene-Type Jet Fuel .....	15,404	—	—	15,404	50	—	0	0	0
Kerosene .....	—	—	—	—	182	—	—	0	0
Distillate Fuel Oil .....	38,402	—	42	38,360	3,817	—	0	0	0
15 ppm sulfur and under .....	38,402	—	42	38,360	3,651	—	0	0	0
Greater than 15 ppm to 500 ppm sulfur .....	—	—	—	—	74	—	—	0	0
Greater than 500 ppm sulfur .....	—	—	—	—	92	—	—	0	0
Residual Fuel Oil .....	176	—	76	100	15	599	0	0	0
Less than 0.31 percent sulfur .....	0	—	—	—	0	—	0	0	0
0.31 to 1.00 percent sulfur .....	—	—	—	—	0	—	—	0	0
Greater than 1.00 percent sulfur .....	176	—	76	100	15	599	0	0	0
Petrochemical Feedstocks .....	36	—	—	36	0	—	0	0	0
Naphtha for Petrochemical Feedstock Use .....	36	—	—	36	0	—	0	0	0
Other Oils for Petrochemical Feedstock Use .....	0	—	—	—	0	—	0	0	0
Special Naphthas .....	—	—	—	—	391	—	—	0	0
Lubricants .....	6,353	—	3,332	3,021	2,680	0	0	0	112
Waxes .....	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke .....	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil .....	3,242	—	271	2,971	1,807	—	0	0	0
Miscellaneous Products .....	—	—	—	—	114	—	—	0	0
<b>Total .....</b>	<b>247,605</b>	<b>472</b>	<b>16,513</b>	<b>230,620</b>	<b>20,456</b>	<b>1,337</b>	<b>0</b>	<b>0</b>	<b>192</b>

— = No Data Reported.

Sources: Energy Information Administration (EIA) Form EIA-817, "Monthly Tanker and Barge Movements Report."

**Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, 2016**  
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil .....	0	0	0	0	58,115	15,710	0	48,603
Propane .....	754	3,240	0	0	10,441	14,417	0	2,489
Propylene .....	0	0	-	-	3,111	4,976	-	-
Normal Butane .....	2,270	866	0	0	6,422	2,547	0	2,490
Isobutane .....	1,182	187	0	0	2,233	694	0	868
Fuel Ethanol .....	0	0	0	0	106,476	52,369	4,335	46,859
Biodiesel .....	80	0	0	0	1,659	2,230	518	1,909
Marketable Petroleum Coke .....	0	165	0	0	4,112	4,069	81	332
Asphalt and Road Oil .....	900	60	0	0	6,548	2,814	410	1,252

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil .....	0	0	0	554	582	0	13,436	208
Propane .....	1,279	1,695	0	0	0	0	0	1,664
Propylene .....	0	0	-	-	0	0	0	-
Normal Butane .....	989	866	0	1,015	0	0	0	1,485
Isobutane .....	66	745	0	502	0	0	0	285
Fuel Ethanol .....	0	0	0	4,522	0	0	0	326
Biodiesel .....	23	207	0	839	0	0	0	0
Marketable Petroleum Coke .....	218	160	0	0	0	601	1,795	939
Asphalt and Road Oil .....	1,351	1,078	60	1,476	460	1,399	912	3,114

Commodity	From 5 to			
	1	2	3	4
Crude Oil .....	0	0	0	0
Propane .....	0	0	0	0
Propylene .....	0	0	0	-
Normal Butane .....	0	0	0	0
Isobutane .....	0	0	0	0
Fuel Ethanol .....	0	0	0	0
Biodiesel .....	0	0	19	41
Marketable Petroleum Coke .....	0	242	285	25
Asphalt and Road Oil .....	0	386	421	144

- = No Data Reported.  
Source: Rail Movements are estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, 2016**  
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
<b>From 1 to</b>				
2 .....	1,287	257	0	1,544
3 .....	571	850	0	1,421
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 2 to</b>				
1 .....	2,535	4,009	58,115	64,659
3 .....	347,163	8,987	15,710	371,860
4 .....	86,813	-	0	86,813
5 .....	-	-	48,603	48,603
<b>From 3 to</b>				
1 .....	2,386	10,656	0	13,042
2 .....	353,557	625	0	354,182
4 .....	0	-	0	0
5 .....	-	-	554	554
<b>From 4 to</b>				
1 .....	0	0	582	582
2 .....	201,852	0	0	201,852
3 .....	4,663	0	13,436	18,099
5 .....	-	-	208	208
<b>From 5 to</b>				
1 .....	0	0	0	0
2 .....	0	0	0	0
3 .....	0	0	0	0
4 .....	0	-	0	0

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail 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 Between PAD Districts, 2016**  
(Thousand Barrels)

Commodity	PAD District 1			PAD District 2			PAD District 3		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil <sup>1</sup> .....	78,283	2,965	75,318	557,578	571,935	-14,357	391,380	367,778	23,602
Petroleum Products <sup>2</sup> .....	1,373,406	170,377	1,203,029	517,852	672,921	-155,069	449,463	1,528,281	-1,078,818
<b>Hydrocarbon Gas Liquids</b> .....	<b>49,678</b>	<b>56,256</b>	<b>-6,578</b>	<b>219,557</b>	<b>316,587</b>	<b>-97,030</b>	<b>324,595</b>	<b>112,526</b>	<b>212,069</b>
Natural Gas Liquids .....	46,567	56,256	-9,689	219,557	308,500	-88,943	319,619	112,526	207,093
Ethane .....	540	46,867	-46,327	70,803	106,303	-35,500	117,425	4,786	112,639
Propane .....	36,232	4,531	31,701	44,527	130,541	-86,014	125,029	30,108	94,921
Normal Butane .....	7,411	3,196	4,215	20,033	40,236	-20,203	35,975	7,666	28,309
Isobutane .....	2,299	1,525	774	14,161	13,990	171	15,105	7,986	7,119
Natural Gasoline .....	85	137	-52	70,033	17,430	52,603	26,085	61,980	-35,895
Refinery Olefins .....	3,111	0	3,111	0	8,087	-8,087	4,976	0	4,976
Ethylene .....	0	0	-	0	0	-	0	0	-
Propylene .....	3,111	0	3,111	0	8,087	-8,087	4,976	0	4,976
Butylene .....	0	0	-	0	0	-	0	0	-
Isobutylene .....	0	0	-	0	0	-	0	0	-
Unfinished Oils .....	161	542	-381	2,594	8,559	-5,965	8,559	2,213	6,346
Motor Gasoline Blending Components .....	622,311	76,356	545,955	166,835	48,880	117,955	17,467	742,340	-724,873
Reformulated - RBOB .....	95,860	30	95,830	33,070	3,617	29,453	3,181	158,141	-154,960
Conventional .....	526,451	76,326	450,125	133,765	45,263	88,502	14,286	584,199	-569,913
CBOB .....	525,735	76,182	449,553	123,333	42,165	81,168	11,123	573,010	-561,887
GTAB .....	0	0	-	-	-	-	0	0	-
Other .....	716	144	572	10,432	3,098	7,334	3,163	11,189	-8,026
Renewable Fuels .....	112,307	80	112,228	306	225,331	-225,025	63,574	10,255	53,319
Fuel Ethanol .....	110,551	0	110,551	0	218,912	-218,912	61,142	8,497	52,644
Renewable Diesel Fuel .....	1,756	80	1,676	306	6,419	-6,113	2,432	1,758	674
Other Renewable Fuels .....	-	-	-	-	-	-	0	0	-
Finished Motor Gasoline .....	86,802	2,203	84,599	17,875	7,548	10,327	2,415	96,724	-94,309
Reformulated .....	44	0	44	0	0	-	0	44	-44
Reformulated Blended with Fuel Ethanol .....	44	0	44	0	0	-	0	44	-44
Reformulated Other .....	0	0	-	-	-	-	-	-	-
Conventional .....	86,758	2,203	84,555	17,875	7,548	10,327	2,415	96,680	-94,265
Conventional Blended with Fuel Ethanol .....	0	0	-	0	20	-20	20	0	20
Ed55 and Lower .....	0	0	-	0	20	-20	20	0	20
Greater than Ed55 .....	0	0	-	0	0	-	0	0	-
Conventional Other .....	86,758	2,203	84,555	17,875	7,528	10,347	2,395	96,680	-94,285
Finished Aviation Gasoline .....	6,147	0	6,147	598	298	300	298	6,769	-6,471
Kerosene-Type Jet Fuel .....	164,152	2,664	161,488	20,167	8,989	11,178	216	182,828	-182,612
Kerosene .....	0	0	-	182	0	182	0	182	-182
Distillate Fuel Oil .....	308,702	30,635	278,067	79,814	25,202	54,612	10,082	354,688	-344,606
15 ppm sulfur and under .....	283,331	30,635	252,696	78,625	25,202	53,423	10,082	328,128	-318,046
Greater than 15 ppm to 500 ppm sulfur .....	3,222	0	3,222	1,097	0	1,097	0	4,319	-4,319
Greater than 500 ppm sulfur .....	22,149	0	22,149	92	0	92	0	22,241	-22,241
Residual Fuel Oil .....	199	194	5	15	9,708	-9,693	9,879	790	9,089
Petrochemical Feedstocks .....	36	151	-115	151	1,267	-1,116	1,267	36	1,231
Naphtha for Petrochemical Feedstock Use .....	36	0	36	0	1,131	-1,131	1,131	36	1,095
Other Oils for Petrochemical Feedstock Use .....	0	151	-151	151	136	15	136	0	136
Special Naphthas .....	0	0	-	391	0	391	0	391	-391
Lubricants .....	6,406	171	6,235	2,680	53	2,627	283	9,033	-8,750
Waxes .....	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke .....	4,330	165	4,165	1,002	8,594	-7,592	6,314	378	5,937
Asphalt and Road Oil .....	12,175	960	11,215	5,570	11,905	-6,335	4,514	9,015	-4,501
Miscellaneous Products .....	0	0	-	114	0	114	0	114	-114
<b>Total</b> .....	<b>1,451,689</b>	<b>173,342</b>	<b>1,278,347</b>	<b>1,075,430</b>	<b>1,244,856</b>	<b>-169,426</b>	<b>840,843</b>	<b>1,896,059</b>	<b>-1,055,216</b>

See footnotes at end of table.

**Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail Between PAD Districts, 2016**  
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil <sup>1</sup> .....	86,813	220,742	-133,929	49,365	0	49,365
Petroleum Products <sup>2</sup> .....	81,258	204,105	-122,847	155,461	1,755	153,705
<b>Hydrocarbon Gas Liquids</b> .....	<b>42,474</b>	<b>161,733</b>	<b>-119,259</b>	<b>10,798</b>	<b>0</b>	<b>10,798</b>
Natural Gas Liquids .....	42,474	161,733	-119,259	10,798	0	10,798
Ethane .....	11,285	42,097	-30,812	0	0	-
Propane .....	18,119	62,880	-44,761	4,153	0	4,153
Normal Butane .....	7,134	24,445	-17,311	4,990	0	4,990
Isobutane .....	2,551	12,270	-9,719	1,655	0	1,655
Natural Gasoline .....	3,385	20,041	-16,656	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 .....	15,897	15,617	280	60,683	0	60,683
Reformulated - RBOB .....	-	-	-	29,677	0	29,677
Conventional .....	15,897	15,617	280	31,006	0	31,006
CBOB .....	15,897	15,617	280	30,886	0	30,886
GTAB .....	-	-	-	-	-	-
Other .....	0	0	-	120	0	120
Renewable Fuels .....	4,895	326	4,568	55,050	140	54,910
Fuel Ethanol .....	4,335	326	4,009	51,708	0	51,708
Renewable Diesel Fuel .....	560	0	560	3,342	140	3,202
Other Renewable Fuels .....	-	-	-	0	0	-
Finished Motor Gasoline .....	3,158	8,224	-5,066	4,449	0	4,449
Reformulated .....	-	-	-	0	0	-
Reformulated Blended with Fuel Ethanol .....	-	-	-	0	0	-
Reformulated Other .....	-	-	-	-	-	-
Conventional .....	3,158	8,224	-5,066	4,449	0	4,449
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 .....	3,158	8,224	-5,066	4,449	0	4,449
Finished Aviation Gasoline .....	0	0	-	24	0	24
Kerosene-Type Jet Fuel .....	7,847	736	7,111	2,835	0	2,835
Kerosene .....	0	0	-	0	0	-
Distillate Fuel Oil .....	6,267	8,249	-1,982	13,909	0	13,909
15 ppm sulfur and under .....	6,267	8,249	-1,982	13,909	0	13,909
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	-	599	0	599
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	112	-112
Waxes .....	0	0	-	0	0	-
Marketable Petroleum Coke .....	105	3,335	-3,230	1,272	552	720
Asphalt and Road Oil .....	615	5,884	-5,269	5,842	952	4,890
Miscellaneous Products .....	0	0	-25	0	0	-
<b>Total</b> .....	<b>168,071</b>	<b>424,847</b>	<b>-256,776</b>	<b>204,826</b>	<b>1,755</b>	<b>203,070</b>

- = No Data Reported.

<sup>1</sup> Includes movements by pipeline, tanker, barge and rail.

<sup>2</sup> Includes movements by pipeline, tanker and barge.

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.