



U.S. Energy Information  
Administration

# Petroleum Supply Monthly

with data for March 2021

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# Preface

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The Petroleum Supply Monthly (PSM) is the monthly component of a series of three publications produced by the Office of Petroleum and Biofuels Statistics of the U.S. Energy Information Administration (EIA). The other two components are the Weekly Petroleum Status Report (WPSR) and the Petroleum Supply Annual (PSA). Together these publications present comprehensive petroleum and biofuel supply data on a weekly, monthly and annual basis.

Data presented in the PSM describe the supply and disposition of petroleum products in the United States and major U.S. geographic regions. The data series describe production, imports and exports, inter-Petroleum Administration for Defense (PAD) District movements, and inventories by the primary suppliers of petroleum products in the United States (50 States and the District of Columbia). The reporting universe includes those petroleum sectors in primary supply. Included are: petroleum refiners, motor gasoline blenders, oxygenate producers, operators of natural gas processing plants and fractionators, inter-PAD District transporters, importers, and major inventory holders of crude oil, petroleum products, and biofuels. When aggregated, the data reported by these sectors approximately represent the consumption of petroleum products in the United States.

## Scope of data

The PSM presents statistics for the most current month available as well as year-to-date. In most cases, the statistics are presented for several geographic areas - - the United States (50 States and the District of Columbia), five PAD Districts, and 12 Refining Districts. At the U.S. and PAD District levels, the total volume and the daily rate of activities are presented. The statistics are developed from monthly survey forms submitted by respondents to the EIA and from data provided from other sources including federal and state agencies.

## Sections

- U.S. supply and disposition of crude oil, petroleum products, and biofuels
- Regional supply and disposition of crude oil, petroleum products, and biofuels
- Crude oil supply and disposition and production by state
- Natural Gas Processing
- Refinery Operations
- Imports of residual fuel oil by state of entry
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- Imports by country of origin
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**Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, March 2021**  
(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>346,712</b>	--	--	<b>179,397</b>	<b>11,756</b>	<b>8,748</b>	<b>445,874</b>	<b>83,243</b>	<b>0</b>	<b>1,139,676</b>
<b>Hydrocarbon Gas Liquids</b>	<b>158,590</b>	<b>-638</b>	<b>18,423</b>	<b>6,916</b>	--	<b>-2,070</b>	<b>15,949</b>	<b>68,450</b>	<b>100,962</b>	<b>168,584</b>
Natural Gas Liquids	158,590	-638	10,139	6,359	--	-2,235	15,949	68,450	92,286	166,750
Ethane	61,384	--	107	--	--	3,267	--	11,535	46,689	68,203
Propane	52,487	--	8,393	5,069	--	-1,915	--	36,587	31,277	39,303
Normal Butane	15,288	--	1,528	1,109	--	-1,530	5,174	13,538	743	25,567
Isobutane	12,241	--	111	176	--	57	5,561	56	6,854	10,837
Natural Gasoline	17,190	-638	--	5	--	-2,114	5,214	6,733	6,723	22,840
Refinery Olefins	--	--	8,284	557	--	165	--	--	8,676	1,834
Ethylene	--	--	17	--	--	0	--	--	17	0
Propylene	--	--	8,294	496	--	61	--	--	8,729	1,071
Normal Butylene	--	--	-26	41	--	2	--	--	13	636
Isobutylene	--	--	-1	20	--	102	--	--	-83	127
<b>Other Liquids</b>	--	<b>34,124</b>	--	<b>40,833</b>	<b>9,913</b>	<b>-1,068</b>	<b>64,136</b>	<b>11,895</b>	<b>9,906</b>	<b>339,824</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	34,125	--	1,278	4,547	-2,042	34,516	3,457	4,019	29,082
Hydrogen	--	--	--	--	5,962	--	5,962	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	34,125	--	1,254	-1,401	-2,048	28,550	3,457	4,019	29,056
Fuel Ethanol <sup>5</sup>	--	29,338	--	--	-1,401	-1,879	26,627	3,190	0	22,836
Renewable Fuels Except Fuel Ethanol	--	4,786	--	1,254	--	-168	1,923	267	4,019	6,221
Other Hydrocarbons	--	--	--	24	-14	6	4	--	0	26
Unfinished Oils	--	--	--	14,607	--	3,793	-1,181	6,100	5,895	93,330
Motor Gasoline Blend.Comp. (MGBC) <sup>5</sup>	--	-1	--	24,948	5,365	-2,809	30,783	2,338	0	217,388
Reformulated	--	-1	--	6,517	9,897	-935	17,341	7	0	48,143
Conventional	--	0	--	18,431	-4,531	-1,874	13,442	2,332	0	169,245
Aviation Gasoline Blend. Comp.	--	--	--	--	--	-10	18	--	-8	24
<b>Finished Petroleum Products</b>	--	<b>144</b>	<b>534,308</b>	<b>29,790</b>	<b>-3,965</b>	<b>1,367</b>	--	<b>74,459</b>	<b>484,451</b>	<b>291,417</b>
Finished Motor Gasoline	--	131	287,787	3,697	-3,965	-637	--	22,386	265,901	20,259
Reformulated	--	--	88,951	--	-8,447	-21	--	--	80,525	24
Conventional	--	131	198,836	3,697	4,482	-616	--	22,386	185,376	20,235
Finished Aviation Gasoline	--	--	297	36	--	40	--	--	293	1,086
Kerosene-Type Jet Fuel	--	7	34,131	2,890	--	-882	--	2,024	35,887	38,954
Kerosene	--	--	62	--	--	-10	--	--	72	2,017
Distillate Fuel Oil <sup>5</sup>	--	5	139,687	14,287	--	2,073	--	26,883	125,023	145,477
15 ppm sulfur and under	--	5	134,121	14,285	--	1,458	--	25,068	121,885	133,125
Greater than 15 ppm to 500 ppm sulfur	--	0	3,762	1	--	275	--	669	2,819	3,721
Greater than 500 ppm sulfur	--	--	1,804	1	--	340	--	1,146	319	8,631
Residual Fuel Oil	--	--	7,043	4,556	--	-242	--	2,820	9,021	30,908
Less than 0.31 percent sulfur	--	--	784	200	--	-543	--	NA	NA	4,478
0.31 to 1.00 percent sulfur	--	--	2,374	1,571	--	-332	--	NA	NA	6,466
Greater than 1.00 percent sulfur	--	--	3,885	2,785	--	633	--	NA	NA	19,964
Petrochemical Feedstocks	--	--	7,278	701	--	-81	--	--	8,060	2,816
Naphtha for Petro. Feed. Use	--	--	4,429	593	--	-189	--	--	5,211	2,114
Other Oils for Petro. Feed. Use	--	--	2,849	108	--	108	--	--	2,849	702
Special Naphthas	--	--	914	277	--	11	--	--	1,180	920
Lubricants	--	--	4,460	1,141	--	-622	--	3,250	2,973	8,175
Waxes	--	--	64	203	--	-57	--	163	161	471
Petroleum Coke	--	--	21,734	373	--	-1,067	--	15,923	7,251	6,700
Marketable	--	--	16,058	373	--	-1,067	--	15,923	1,575	6,700
Catalyst	--	--	5,676	--	--	--	--	--	5,676	--
Asphalt and Road Oil	--	--	10,462	1,628	--	2,825	--	972	8,293	33,045
Still Gas	--	--	18,039	--	--	--	--	--	18,039	--
Miscellaneous Products	--	--	2,350	1	--	16	--	39	2,296	589
<b>Total</b>	<b>505,302</b>	<b>33,629</b>	<b>552,731</b>	<b>256,936</b>	<b>17,704</b>	<b>6,978</b>	<b>525,959</b>	<b>238,047</b>	<b>595,319</b>	<b>1,939,502</b>

-- = Not Applicable.

NA = 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 25 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.

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-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 Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and 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. Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-March 2021**  
(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>963,368</b>	--	--	<b>515,183</b>	<b>37,423</b>	<b>16,333</b>	<b>1,242,611</b>	<b>257,030</b>	<b>0</b>	<b>1,139,676</b>
<b>Hydrocarbon Gas Liquids</b> .....	<b>437,438</b>	<b>-1,741</b>	<b>39,403</b>	<b>20,982</b>	--	<b>-60,573</b>	<b>47,566</b>	<b>203,152</b>	<b>305,937</b>	<b>168,584</b>
Natural Gas Liquids .....	437,438	-1,741	15,553	19,307	--	-60,158	47,566	203,152	279,997	166,750
Ethane .....	168,027	--	292	--	--	-1,397	--	31,335	138,381	68,203
Propane .....	145,488	--	22,561	14,897	--	-31,132	--	115,892	98,186	39,303
Normal Butane .....	41,951	--	-6,267	3,922	--	-16,076	19,572	35,704	406	25,567
Isobutane .....	34,453	--	-1,033	470	--	-1,504	15,458	195	19,742	10,837
Natural Gasoline .....	47,519	-1,741	--	18	--	-10,049	12,536	20,027	23,282	22,840
Refinery Olefins .....	--	--	23,850	1,675	--	-415	--	--	25,940	1,834
Ethylene .....	--	--	60	--	--	0	--	--	60	0
Propylene .....	--	--	24,328	1,444	--	-416	--	--	26,188	1,071
Normal Butylene .....	--	--	-539	211	--	-84	--	--	-244	636
Isobutylene .....	--	--	1	20	--	85	--	--	-64	127
<b>Other Liquids</b> .....	--	<b>94,264</b>	--	<b>101,607</b>	<b>29,350</b>	<b>13,811</b>	<b>151,102</b>	<b>46,533</b>	<b>13,775</b>	<b>339,824</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	--	94,265	--	3,286	16,020	-815	94,491	10,193	9,702	29,082
Hydrogen .....	--	--	--	--	17,057	--	17,057	--	0	--
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol) .....	--	94,265	--	3,257	-1,051	-828	77,404	10,193	9,702	29,056
Fuel Ethanol <sup>5</sup> .....	--	81,113	--	--	-1,051	-1,851	72,331	9,583	0	22,836
Renewable Fuels Except Fuel Ethanol .....	--	13,151	--	3,257	--	1,023	5,073	610	9,702	6,221
Other Hydrocarbons .....	--	--	--	29	14	13	30	--	0	26
Unfinished Oils .....	--	--	--	43,565	--	15,123	-7,001	31,331	4,112	93,330
Motor Gasoline Blend.Comp. (MGBC) <sup>5</sup> .....	--	-1	--	54,756	13,330	-490	63,566	5,009	0	217,388
Reformulated .....	--	-1	--	16,683	23,977	-5,306	45,944	21	0	48,143
Conventional .....	--	0	--	38,073	-10,647	4,816	17,622	4,988	0	169,245
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	-7	46	--	-39	24
<b>Finished Petroleum Products</b> .....	--	<b>372</b>	<b>1,477,688</b>	<b>78,681</b>	<b>-12,279</b>	<b>-12,474</b>	--	<b>216,433</b>	<b>1,340,502</b>	<b>291,417</b>
Finished Motor Gasoline .....	--	352	786,998	6,655	-12,279	-5,051	--	66,400	720,377	20,259
Reformulated .....	--	--	241,409	--	-22,420	-24	--	--	219,013	24
Conventional .....	--	352	545,589	6,655	10,141	-5,027	--	66,400	501,364	20,235
Finished Aviation Gasoline .....	--	--	673	93	--	-35	--	--	801	1,086
Kerosene-Type Jet Fuel .....	--	21	98,730	9,899	--	327	--	6,803	101,520	38,954
Kerosene .....	--	--	1,068	--	--	-643	--	477	1,234	2,017
Distillate Fuel Oil <sup>5</sup> .....	--	-2	386,298	35,645	--	-14,964	--	79,445	357,460	145,477
15 ppm sulfur and under .....	--	-2	369,052	34,927	--	-15,450	--	68,693	350,734	133,125
Greater than 15 ppm to 500 ppm sulfur .....	--	0	9,918	316	--	313	--	5,167	4,754	3,721
Greater than 500 ppm sulfur .....	--	--	7,328	402	--	173	--	5,584	1,973	8,631
Residual Fuel Oil .....	--	--	17,540	15,258	--	674	--	8,348	23,776	30,908
Less than 0.31 percent sulfur .....	--	--	1,677	1,091	--	1,392	--	NA	NA	4,478
0.31 to 1.00 percent sulfur .....	--	--	6,423	3,847	--	-456	--	NA	NA	6,466
Greater than 1.00 percent sulfur .....	--	--	9,440	10,320	--	-262	--	NA	NA	19,964
Petrochemical Feedstocks .....	--	--	21,160	1,727	--	-72	--	--	22,959	2,816
Naphtha for Petro. Feed. Use .....	--	--	12,919	1,408	--	38	--	--	14,289	2,114
Other Oils for Petro. Feed. Use .....	--	--	8,241	319	--	-110	--	--	8,670	702
Special Naphthas .....	--	--	2,474	723	--	-140	--	--	3,337	920
Lubricants .....	--	--	13,052	3,758	--	-1,525	--	8,766	9,569	8,175
Waxes .....	--	--	235	570	--	-84	--	424	465	471
Petroleum Coke .....	--	--	61,644	866	--	-1,003	--	43,724	19,789	6,700
Marketable .....	--	--	45,726	866	--	-1,003	--	43,724	3,871	6,700
Catalyst .....	--	--	15,918	--	--	--	--	--	15,918	--
Asphalt and Road Oil .....	--	--	29,832	3,484	--	10,021	--	1,958	21,337	33,045
Still Gas .....	--	--	51,313	--	--	--	--	--	51,313	--
Miscellaneous Products .....	--	--	6,671	3	--	21	--	88	6,565	589
<b>Total</b> .....	<b>1,400,806</b>	<b>92,894</b>	<b>1,517,091</b>	<b>716,453</b>	<b>54,494</b>	<b>-42,903</b>	<b>1,441,279</b>	<b>723,148</b>	<b>1,660,214</b>	<b>1,939,502</b>

-- = Not Applicable.

NA = 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 25 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.

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-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 Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and 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 3. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, March 2021**  
(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>11,184</b>	--	--	<b>5,787</b>	<b>379</b>	<b>282</b>	<b>14,383</b>	<b>2,685</b>	<b>0</b>
<b>Hydrocarbon Gas Liquids</b> .....	<b>5,116</b>	<b>-21</b>	<b>594</b>	<b>223</b>	--	<b>-67</b>	<b>514</b>	<b>2,208</b>	<b>3,257</b>
Natural Gas Liquids .....	5,116	-21	327	205	--	-72	514	2,208	2,977
Ethane .....	1,980	--	3	--	--	105	--	372	1,506
Propane .....	1,693	--	271	164	--	-62	--	1,180	1,009
Normal Butane .....	493	--	49	36	--	-49	167	437	24
Isobutane .....	395	--	4	6	--	2	179	2	221
Natural Gasoline .....	555	-21	--	0	--	-68	168	217	217
Refinery Olefins .....	--	--	267	18	--	5	--	--	280
Ethylene .....	--	--	1	--	--	0	--	--	1
Propylene .....	--	--	268	16	--	2	--	--	282
Normal Butylene .....	--	--	-1	1	--	0	--	--	0
Isobutylene .....	--	--	0	1	--	3	--	--	-3
<b>Other Liquids</b> .....	--	<b>1,101</b>	--	<b>1,317</b>	<b>320</b>	<b>-34</b>	<b>2,069</b>	<b>384</b>	<b>320</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	--	1,101	--	41	147	-66	1,113	112	130
Hydrogen .....	--	--	--	--	192	--	192	--	0
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol) ...	--	1,101	--	40	-45	-66	921	112	130
Fuel Ethanol <sup>5</sup> .....	--	946	--	--	-45	-61	859	103	0
Renewable Fuels Except Fuel Ethanol .....	--	154	--	40	--	-5	62	9	130
Other Hydrocarbons .....	--	--	--	1	0	0	0	--	0
Unfinished Oils .....	--	--	--	471	--	122	-38	197	190
Motor Gasoline Blend.Comp. (MGBC) <sup>5</sup> .....	--	0	--	805	173	-91	993	75	0
Reformulated .....	--	0	--	210	319	-30	559	0	0
Conventional .....	--	0	--	595	-146	-60	434	75	0
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	0	1	--	0
<b>Finished Petroleum Products</b> .....	--	<b>5</b>	<b>17,236</b>	<b>961</b>	<b>-128</b>	<b>44</b>	--	<b>2,402</b>	<b>15,627</b>
Finished Motor Gasoline .....	--	4	9,283	119	-128	-21	--	722	8,577
Reformulated .....	--	--	2,869	--	-272	-1	--	--	2,598
Conventional .....	--	4	6,414	119	145	-20	--	722	5,980
Finished Aviation Gasoline .....	--	--	10	1	--	1	--	--	9
Kerosene-Type Jet Fuel .....	--	0	1,101	93	--	-28	--	65	1,158
Kerosene .....	--	--	2	--	--	0	--	--	2
Distillate Fuel Oil <sup>5</sup> .....	--	0	4,506	461	--	67	--	867	4,033
15 ppm sulfur and under .....	--	0	4,326	461	--	47	--	809	3,932
Greater than 15 ppm to 500 ppm sulfur .....	--	0	121	0	--	9	--	22	91
Greater than 500 ppm sulfur .....	--	--	58	0	--	11	--	37	10
Residual Fuel Oil .....	--	--	227	147	--	-8	--	91	291
Less than 0.31 percent sulfur .....	--	--	25	6	--	-18	--	NA	NA
0.31 to 1.00 percent sulfur .....	--	--	77	51	--	-11	--	NA	NA
Greater than 1.00 percent sulfur .....	--	--	125	90	--	20	--	NA	NA
Petrochemical Feedstocks .....	--	--	235	23	--	-3	--	--	260
Naphtha for Petro. Feed. Use .....	--	--	143	19	--	-6	--	--	168
Other Oils for Petro. Feed. Use .....	--	--	92	3	--	3	--	--	92
Special Naphthas .....	--	--	29	9	--	0	--	--	38
Lubricants .....	--	--	144	37	--	-20	--	105	96
Waxes .....	--	--	2	7	--	-2	--	5	5
Petroleum Coke .....	--	--	701	12	--	-34	--	514	234
Marketable .....	--	--	518	12	--	-34	--	514	51
Catalyst .....	--	--	183	--	--	--	--	--	183
Asphalt and Road Oil .....	--	--	337	53	--	91	--	31	268
Still Gas .....	--	--	582	--	--	--	--	--	582
Miscellaneous Products .....	--	--	76	0	--	1	--	1	74
<b>Total</b> .....	<b>16,300</b>	<b>1,085</b>	<b>17,830</b>	<b>8,288</b>	<b>571</b>	<b>225</b>	<b>16,966</b>	<b>7,679</b>	<b>19,204</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 25 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.

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-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 Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and 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 4. U.S. Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-March 2021**  
(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>10,704</b>	--	--	<b>5,724</b>	<b>416</b>	<b>181</b>	<b>13,807</b>	<b>2,856</b>	<b>0</b>
<b>Hydrocarbon Gas Liquids</b>	<b>4,860</b>	<b>-19</b>	<b>438</b>	<b>233</b>	<b>--</b>	<b>-673</b>	<b>529</b>	<b>2,257</b>	<b>3,399</b>
Natural Gas Liquids	4,860	-19	173	215	--	-668	529	2,257	3,111
Ethane	1,867	--	3	--	--	-16	--	348	1,538
Propane	1,617	--	251	166	--	-346	--	1,288	1,091
Normal Butane	466	--	-70	44	--	-179	217	397	5
Isobutane	383	--	-11	5	--	-17	172	2	219
Natural Gasoline	528	-19	--	0	--	-112	139	223	259
Refinery Olefins	--	--	265	19	--	-5	--	--	288
Ethylene	--	--	1	--	--	0	--	--	1
Propylene	--	--	270	16	--	-5	--	--	291
Normal Butylene	--	--	-6	2	--	-1	--	--	-3
Isobutylene	--	--	0	0	--	1	--	--	-1
<b>Other Liquids</b>	<b>--</b>	<b>1,047</b>	<b>--</b>	<b>1,129</b>	<b>326</b>	<b>153</b>	<b>1,679</b>	<b>517</b>	<b>153</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	1,047	--	37	178	-9	1,050	113	108
Hydrogen	--	--	--	--	190	--	190	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	1,047	--	36	-12	-9	860	113	108
Fuel Ethanol <sup>5</sup>	--	901	--	--	-12	-21	804	106	0
Renewable Fuels Except Fuel Ethanol	--	146	--	36	--	11	56	7	108
Other Hydrocarbons	--	--	--	0	0	0	0	--	0
Unfinished Oils	--	--	--	484	--	168	-78	348	46
Motor Gasoline Blend Comp. (MGBC) <sup>5</sup>	--	0	--	608	148	-5	706	56	0
Reformulated	--	0	--	185	266	-59	510	0	0
Conventional	--	0	--	423	-118	54	196	55	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	0	1	--	0
<b>Finished Petroleum Products</b>	<b>--</b>	<b>4</b>	<b>16,419</b>	<b>874</b>	<b>-136</b>	<b>-139</b>	<b>--</b>	<b>2,405</b>	<b>14,894</b>
Finished Motor Gasoline	--	4	8,744	74	-136	-56	--	738	8,004
Reformulated	--	--	2,682	--	-249	0	--	--	2,433
Conventional	--	4	6,062	74	113	-56	--	738	5,571
Finished Aviation Gasoline	--	--	7	1	--	0	--	--	9
Kerosene-Type Jet Fuel	--	0	1,097	110	--	4	--	76	1,128
Kerosene	--	--	12	--	--	-7	--	5	14
Distillate Fuel Oil <sup>5</sup>	--	0	4,292	396	--	-166	--	883	3,972
15 ppm sulfur and under	--	0	4,101	388	--	-172	--	763	3,897
Greater than 15 ppm to 500 ppm sulfur	--	0	110	4	--	3	--	57	53
Greater than 500 ppm sulfur	--	--	81	4	--	2	--	62	22
Residual Fuel Oil	--	--	195	170	--	7	--	93	264
Less than 0.31 percent sulfur	--	--	19	12	--	15	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	71	43	--	-5	--	NA	NA
Greater than 1.00 percent sulfur	--	--	105	115	--	-3	--	NA	NA
Petrochemical Feedstocks	--	--	235	19	--	-1	--	--	255
Naphtha for Petro. Feed. Use	--	--	144	16	--	0	--	--	159
Other Oils for Petro. Feed. Use	--	--	92	4	--	-1	--	--	96
Special Naphthas	--	--	27	8	--	-2	--	--	37
Lubricants	--	--	145	42	--	-17	--	97	106
Waxes	--	--	3	6	--	-1	--	5	5
Petroleum Coke	--	--	685	10	--	-11	--	486	220
Marketable	--	--	508	10	--	-11	--	486	43
Catalyst	--	--	177	--	--	--	--	--	177
Asphalt and Road Oil	--	--	331	39	--	111	--	22	237
Still Gas	--	--	570	--	--	--	--	--	570
Miscellaneous Products	--	--	74	0	--	0	--	1	73
<b>Total</b>	<b>15,565</b>	<b>1,032</b>	<b>16,857</b>	<b>7,961</b>	<b>605</b>	<b>-477</b>	<b>16,014</b>	<b>8,035</b>	<b>18,447</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 25 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.

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-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 Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and 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 5. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, March 2021**  
(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>2,433</b>	--	--	<b>15,706</b>	<b>3,258</b>	<b>1,211</b>	<b>923</b>	<b>20,986</b>	<b>698</b>	<b>0</b>	<b>8,542</b>
<b>Hydrocarbon Gas Liquids</b>	<b>19,349</b>	<b>-10</b>	<b>404</b>	<b>1,884</b>	<b>2,387</b>	--	<b>-13</b>	<b>1,220</b>	<b>8,887</b>	<b>13,920</b>	<b>6,336</b>
Natural Gas Liquids	19,349	-10	-74	1,571	1,924	--	-147	1,220	8,887	12,800	6,031
Ethane	7,705	--	--	--	-5,213	--	-75	--	2,966	-399	688
Propane	6,740	--	466	1,419	6,179	--	-109	--	3,954	10,959	3,684
Normal Butane	2,125	--	-434	88	1,638	--	-11	849	1,891	688	1,219
Isobutane	894	--	-106	64	-332	--	-21	126	1	414	139
Natural Gasoline	1,885	-10	--	--	-348	--	69	245	76	1,137	301
Refinery Olefins	--	--	478	313	463	--	134	--	--	1,120	305
Ethylene	--	--	8	--	--	--	--	--	--	8	--
Propylene	--	--	433	313	463	--	18	--	--	1,191	114
Normal Butylene	--	--	2	--	--	--	33	--	--	-31	92
Isobutylene	--	--	35	--	--	--	83	--	--	-48	99
<b>Other Liquids</b>	<b>--</b>	<b>572</b>	<b>--</b>	<b>22,299</b>	<b>53,902</b>	<b>5,568</b>	<b>-1,907</b>	<b>83,057</b>	<b>191</b>	<b>999</b>	<b>75,235</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	572	--	179	8,895	337	-467	10,077	133	239	8,511
Hydrogen	--	--	--	--	--	36	--	36	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	572	--	179	8,895	301	-467	10,041	133	239	8,511
Fuel Ethanol	--	383	--	--	8,591	301	-510	9,691	95	0	7,334
Renewable Fuels Except Fuel Ethanol	--	188	--	179	304	--	44	350	38	239	1,178
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	2,396	-21	--	578	985	53	759	4,378
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	19,724	45,028	5,230	-2,018	71,995	5	0	62,346
Reformulated	--	--	--	6,517	5,165	1,566	-2,126	15,373	1	0	18,558
Conventional	--	--	--	13,207	39,863	3,665	108	56,622	5	0	43,788
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>0</b>	<b>105,962</b>	<b>20,395</b>	<b>31,424</b>	<b>-5,532</b>	<b>-4,543</b>	<b>--</b>	<b>2,105</b>	<b>154,687</b>	<b>78,190</b>
Finished Motor Gasoline	--	--	94,304	3,125	3,049	-5,532	-1,269	--	455	95,761	2,763
Reformulated	--	--	34,848	--	--	-344	-22	--	--	34,526	6
Conventional	--	--	59,456	3,125	3,049	-5,188	-1,247	--	455	61,234	2,757
Finished Aviation Gasoline	--	--	-4	14	58	--	-23	--	--	91	176
Kerosene-Type Jet Fuel	--	--	1,413	1,022	8,234	--	518	--	258	9,893	10,071
Kerosene	--	--	45	--	76	--	-75	--	--	196	1,535
Distillate Fuel Oil <sup>6</sup>	--	0	6,064	13,038	18,343	--	-4,597	--	791	41,251	47,261
15 ppm sulfur and under	--	0	6,112	13,038	18,022	--	-4,683	--	788	41,068	43,192
Greater than 15 ppm to 500 ppm sulfur	--	--	47	--	1	--	-140	--	--	188	1,014
Greater than 500 ppm sulfur	--	--	-95	--	320	--	226	--	3	-4	3,055
Residual Fuel Oil	--	--	1,231	1,936	--	--	165	--	62	2,940	6,689
Less than 0.31 percent sulfur	--	--	-10	200	--	--	-129	--	NA	NA	862
0.31 to 1.00 percent sulfur	--	--	858	973	--	--	89	--	NA	NA	1,821
Greater than 1.00 percent sulfur	--	--	383	763	--	--	205	--	NA	NA	4,006
Petrochemical Feedstocks	--	--	--	106	--	--	--	--	--	106	--
Naphtha for Petro. Feed. Use	--	--	--	105	--	--	--	--	--	105	--
Other Oils for Petro. Feed. Use	--	--	--	1	--	--	--	--	--	1	--
Special Naphthas	--	--	17	3	--	--	-2	--	--	22	38
Lubricants	--	--	378	147	332	--	-65	--	175	747	984
Waxes	--	--	-13	90	--	--	-14	--	94	-3	259
Petroleum Coke	--	--	632	--	227	--	--	--	166	692	--
Marketable	--	--	222	--	227	--	--	--	166	282	--
Catalyst	--	--	410	--	--	--	--	--	--	410	--
Asphalt and Road Oil	--	--	948	914	1,105	--	811	--	87	2,069	8,360
Still Gas	--	--	856	--	--	--	--	--	--	856	--
Miscellaneous Products	--	--	91	--	--	--	8	--	16	67	54
<b>Total</b>	<b>21,782</b>	<b>562</b>	<b>106,366</b>	<b>60,284</b>	<b>90,970</b>	<b>1,247</b>	<b>-5,540</b>	<b>105,263</b>	<b>11,881</b>	<b>169,606</b>	<b>168,303</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, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

<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.

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-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 Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and 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 1 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-March 2021**  
(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>6,834</b>	--	--	<b>41,306</b>	<b>8,478</b>	<b>495</b>	<b>-1,324</b>	<b>56,063</b>	<b>2,374</b>	<b>0</b>	<b>8,542</b>
<b>Hydrocarbon Gas Liquids</b>	<b>56,139</b>	<b>-28</b>	<b>911</b>	<b>5,364</b>	<b>9,273</b>	--	<b>-5,988</b>	<b>3,799</b>	<b>25,446</b>	<b>48,403</b>	<b>6,336</b>
Natural Gas Liquids	56,139	-28	-474	4,485	8,131	--	-5,970	3,799	25,446	44,979	6,031
Ethane	21,599	--	--	--	-14,742	--	-450	--	7,246	61	688
Propane	20,010	--	1,237	4,125	19,876	--	-4,477	--	12,401	37,324	3,684
Normal Butane	6,343	--	-1,354	285	4,980	--	-785	2,559	5,570	2,910	1,219
Isobutane	2,614	--	-357	75	-985	--	-80	404	3	1,020	139
Natural Gasoline	5,573	-28	--	--	-998	--	-178	836	226	3,664	301
Refinery Olefins	--	--	1,385	879	1,142	--	-18	--	--	3,424	305
Ethylene	--	--	46	--	--	--	--	--	--	46	--
Propylene	--	--	1,260	879	1,142	--	-31	--	--	3,312	114
Normal Butylene	--	--	-7	--	--	--	-44	--	--	37	92
Isobutylene	--	--	86	--	--	--	57	--	--	29	99
<b>Other Liquids</b>	<b>--</b>	<b>1,549</b>	<b>--</b>	<b>52,218</b>	<b>159,160</b>	<b>15,895</b>	<b>-663</b>	<b>227,461</b>	<b>463</b>	<b>1,560</b>	<b>75,235</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	1,549	--	396	24,618	2,157	-81	27,687	346	767	8,511
Hydrogen	--	--	--	--	--	233	--	233	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	1,549	--	396	24,618	1,924	-81	27,454	346	767	8,511
Fuel Ethanol	--	1,068	--	--	23,716	1,924	103	26,391	215	0	7,334
Renewable Fuels Except Fuel Ethanol	--	480	--	396	902	--	-183	1,063	132	767	1,178
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	5,962	-105	--	1,050	3,909	105	793	4,378
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	45,860	134,647	13,738	-1,632	195,865	12	0	62,346
Reformulated	--	--	--	16,683	19,202	3,717	-3,406	43,007	1	0	18,558
Conventional	--	--	--	29,177	115,445	10,020	1,774	152,858	10	0	43,788
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>1</b>	<b>289,783</b>	<b>46,505</b>	<b>102,155</b>	<b>-15,662</b>	<b>-14,557</b>	<b>--</b>	<b>7,009</b>	<b>430,331</b>	<b>78,190</b>
Finished Motor Gasoline	--	--	256,955	5,032	10,127	-15,662	-1,799	--	507	257,744	2,763
Reformulated	--	--	95,147	--	--	-2,446	-24	--	--	92,725	6
Conventional	--	--	161,808	5,032	10,127	-13,215	-1,775	--	507	165,020	2,757
Finished Aviation Gasoline	--	--	-6	16	119	--	-34	--	--	163	176
Kerosene-Type Jet Fuel	--	--	3,790	2,735	26,328	--	-79	--	542	32,390	10,071
Kerosene	--	--	165	--	473	--	-669	--	2	1,305	1,535
Distillate Fuel Oil <sup>6</sup>	--	1	17,577	31,853	59,887	--	-13,359	--	1,745	120,933	47,261
15 ppm sulfur and under	--	1	17,678	31,853	58,321	--	-13,021	--	1,440	119,434	43,192
Greater than 15 ppm to 500 ppm sulfur	--	--	73	--	1	--	-393	--	301	166	1,014
Greater than 500 ppm sulfur	--	--	-174	--	1,565	--	55	--	4	1,332	3,055
Residual Fuel Oil	--	--	3,069	4,109	--	--	-1,325	--	1,473	7,030	6,689
Less than 0.31 percent sulfur	--	--	-80	200	--	--	-65	--	NA	NA	862
0.31 to 1.00 percent sulfur	--	--	2,362	1,897	--	--	-529	--	NA	NA	1,821
Greater than 1.00 percent sulfur	--	--	787	2,012	--	--	-731	--	NA	NA	4,006
Petrochemical Feedstocks	--	--	--	331	--	--	--	--	--	331	--
Naphtha for Petro. Feed. Use	--	--	--	322	--	--	--	--	--	322	--
Other Oils for Petro. Feed. Use	--	--	--	9	--	--	--	--	--	9	--
Special Naphthas	--	--	31	10	--	--	-4	--	--	45	38
Lubricants	--	--	1,053	412	1,245	--	-159	--	508	2,361	984
Waxes	--	--	-44	305	--	--	-2	--	227	36	259
Petroleum Coke	--	--	1,809	7	863	--	--	--	1,745	934	--
Marketable	--	--	657	7	863	--	--	--	1,745	-218	--
Catalyst	--	--	1,152	--	--	--	--	--	--	1,152	--
Asphalt and Road Oil	--	--	2,747	1,695	3,113	--	2,876	--	214	4,464	8,360
Still Gas	--	--	2,384	--	--	--	--	--	--	2,384	--
Miscellaneous Products	--	--	253	--	--	--	-3	--	45	211	54
<b>Total</b>	<b>62,973</b>	<b>1,522</b>	<b>290,694</b>	<b>145,393</b>	<b>279,066</b>	<b>728</b>	<b>-22,532</b>	<b>287,323</b>	<b>35,292</b>	<b>480,294</b>	<b>168,303</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, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

<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.

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-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 Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and 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 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, March 2021**  
(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>78</b>	<b>--</b>	<b>--</b>	<b>507</b>	<b>105</b>	<b>39</b>	<b>30</b>	<b>677</b>	<b>23</b>	<b>0</b>
<b>Hydrocarbon Gas Liquids</b>	<b>624</b>	<b>0</b>	<b>13</b>	<b>61</b>	<b>77</b>	<b>--</b>	<b>0</b>	<b>39</b>	<b>287</b>	<b>449</b>
Natural Gas Liquids	624	0	-2	51	62	--	-5	39	287	413
Ethane	249	--	--	--	-168	--	-2	--	96	-13
Propane	217	--	15	46	199	--	-4	--	128	354
Normal Butane	69	--	-14	3	53	--	0	27	61	22
Isobutane	29	--	-3	2	-11	--	-1	4	0	13
Natural Gasoline	61	0	--	--	-11	--	2	8	2	37
Refinery Olefins	--	--	15	10	15	--	4	--	--	36
Ethylene	--	--	0	--	--	--	--	--	--	0
Propylene	--	--	14	10	15	--	1	--	--	38
Normal Butylene	--	--	0	--	--	--	1	--	--	-1
Isobutylene	--	--	1	--	--	--	3	--	--	-2
<b>Other Liquids</b>	<b>--</b>	<b>18</b>	<b>--</b>	<b>719</b>	<b>1,739</b>	<b>180</b>	<b>-62</b>	<b>2,679</b>	<b>6</b>	<b>32</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	18	--	6	287	11	-15	325	4	8
Hydrogen	--	--	--	--	--	1	--	1	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	18	--	6	287	10	-15	324	4	8
Fuel Ethanol <sup>6</sup>	--	12	--	--	277	10	-16	313	3	0
Renewable Fuels Except Fuel Ethanol	--	6	--	6	10	--	1	11	1	8
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	77	-1	--	19	32	2	24
Motor Gasoline Blend Comp. (MGBC) <sup>6</sup>	--	--	--	636	1,453	169	-65	2,322	0	0
Reformulated	--	--	--	210	167	51	-69	496	0	0
Conventional	--	--	--	426	1,286	118	3	1,827	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>0</b>	<b>3,418</b>	<b>658</b>	<b>1,014</b>	<b>-178</b>	<b>-147</b>	<b>--</b>	<b>68</b>	<b>4,990</b>
Finished Motor Gasoline	--	--	3,042	101	98	-178	-41	--	15	3,089
Reformulated	--	--	1,124	--	--	-11	-1	--	--	1,114
Conventional	--	--	1,918	101	98	-167	-40	--	15	1,975
Finished Aviation Gasoline	--	--	0	0	2	--	-1	--	--	3
Kerosene-Type Jet Fuel	--	--	46	33	266	--	17	--	8	319
Kerosene	--	--	1	--	2	--	-2	--	--	6
Distillate Fuel Oil <sup>6</sup>	--	--	196	421	592	--	-148	--	26	1,331
15 ppm sulfur and under	--	--	197	421	581	--	-151	--	25	1,325
Greater than 15 ppm to 500 ppm sulfur	--	--	2	--	0	--	-5	--	--	6
Greater than 500 ppm sulfur	--	--	-3	--	10	--	7	--	0	0
Residual Fuel Oil	--	--	40	62	--	--	5	--	2	95
Less than 0.31 percent sulfur	--	--	0	6	--	--	-4	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	28	31	--	--	3	--	NA	NA
Greater than 1.00 percent sulfur	--	--	12	25	--	--	7	--	NA	NA
Petrochemical Feedstocks	--	--	--	3	--	--	--	--	--	3
Naphtha for Petro. Feed. Use	--	--	--	3	--	--	--	--	--	3
Other Oils for Petro. Feed. Use	--	--	--	0	--	--	--	--	--	0
Special Naphthas	--	--	1	0	--	--	0	--	--	1
Lubricants	--	--	12	5	11	--	-2	--	6	24
Waxes	--	--	0	3	--	--	0	--	3	0
Petroleum Coke	--	--	20	--	7	--	--	--	5	22
Marketable	--	--	7	--	7	--	--	--	5	9
Catalyst	--	--	13	--	--	--	--	--	--	13
Asphalt and Road Oil	--	--	31	29	36	--	26	--	3	67
Still Gas	--	--	28	--	--	--	--	--	--	28
Miscellaneous Products	--	--	3	--	--	--	0	--	1	2
<b>Total</b>	<b>703</b>	<b>18</b>	<b>3,431</b>	<b>1,945</b>	<b>2,935</b>	<b>40</b>	<b>-179</b>	<b>3,396</b>	<b>383</b>	<b>5,471</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, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

<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.

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-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 Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and 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 1 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-March 2021**  
(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>76</b>	<b>--</b>	<b>--</b>	<b>459</b>	<b>94</b>	<b>6</b>	<b>-15</b>	<b>623</b>	<b>26</b>	<b>0</b>
<b>Hydrocarbon Gas Liquids</b>	<b>624</b>	<b>0</b>	<b>10</b>	<b>60</b>	<b>103</b>	<b>--</b>	<b>-67</b>	<b>42</b>	<b>283</b>	<b>538</b>
Natural Gas Liquids	624	0	-5	50	90	--	-66	42	283	500
Ethane	240	--	--	--	-164	--	-5	--	81	1
Propane	222	--	14	46	221	--	-50	--	138	415
Normal Butane	70	--	-15	3	55	--	-9	28	62	32
Isobutane	29	--	-4	1	-11	--	-1	4	0	11
Natural Gasoline	62	0	--	--	-11	--	-2	9	3	41
Refinery Olefins	--	--	15	10	13	--	0	--	--	38
Ethylene	--	--	1	--	--	--	--	--	--	1
Propylene	--	--	14	10	13	--	0	--	--	37
Normal Butylene	--	--	0	--	--	--	0	--	--	0
Isobutylene	--	--	1	--	--	--	1	--	--	0
<b>Other Liquids</b>	<b>--</b>	<b>17</b>	<b>--</b>	<b>580</b>	<b>1,768</b>	<b>177</b>	<b>-7</b>	<b>2,527</b>	<b>5</b>	<b>17</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	17	--	4	274	24	-1	308	4	9
Hydrogen	--	--	--	--	--	3	--	3	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	17	--	4	274	21	-1	305	4	9
Fuel Ethanol <sup>6</sup>	--	12	--	--	264	21	1	293	2	0
Renewable Fuels Except Fuel Ethanol	--	5	--	4	10	--	-2	12	1	9
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	66	-1	--	12	43	1	9
Motor Gasoline Blend Comp. (MGBC) <sup>6</sup>	--	--	--	510	1,496	153	-18	2,176	0	0
Reformulated	--	--	--	185	213	41	-38	478	0	0
Conventional	--	--	--	324	1,283	111	20	1,698	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>0</b>	<b>3,220</b>	<b>517</b>	<b>1,135</b>	<b>-174</b>	<b>-162</b>	<b>--</b>	<b>78</b>	<b>4,781</b>
Finished Motor Gasoline	--	--	2,855	56	113	-174	-20	--	6	2,864
Reformulated	--	--	1,057	--	--	-27	0	--	--	1,030
Conventional	--	--	1,798	56	113	-147	-20	--	6	1,834
Finished Aviation Gasoline	--	--	0	0	1	--	0	--	--	2
Kerosene-Type Jet Fuel	--	--	42	30	293	--	-1	--	6	360
Kerosene	--	--	2	--	5	--	-7	--	0	14
Distillate Fuel Oil <sup>6</sup>	--	--	195	354	665	--	-148	--	19	1,344
15 ppm sulfur and under	--	--	196	354	648	--	-145	--	16	1,327
Greater than 15 ppm to 500 ppm sulfur	--	--	1	--	0	--	-4	--	3	2
Greater than 500 ppm sulfur	--	--	-2	--	17	--	1	--	0	15
Residual Fuel Oil	--	--	34	46	--	--	-15	--	16	78
Less than 0.31 percent sulfur	--	--	-1	2	--	--	-1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	26	21	--	--	-6	--	NA	NA
Greater than 1.00 percent sulfur	--	--	9	22	--	--	-8	--	NA	NA
Petrochemical Feedstocks	--	--	--	4	--	--	--	--	--	4
Naphtha for Petro. Feed. Use	--	--	--	4	--	--	--	--	--	4
Other Oils for Petro. Feed. Use	--	--	--	0	--	--	--	--	--	0
Special Naphthas	--	--	0	0	--	--	0	--	--	1
Lubricants	--	--	12	5	14	--	-2	--	6	26
Waxes	--	--	0	3	--	--	0	--	3	0
Petroleum Coke	--	--	20	0	10	--	--	--	19	10
Marketable	--	--	7	0	10	--	--	--	19	-2
Catalyst	--	--	13	--	--	--	--	--	--	13
Asphalt and Road Oil	--	--	31	19	35	--	32	--	2	50
Still Gas	--	--	26	--	--	--	--	--	--	26
Miscellaneous Products	--	--	3	--	--	--	0	--	1	2
<b>Total</b>	<b>700</b>	<b>17</b>	<b>3,230</b>	<b>1,615</b>	<b>3,101</b>	<b>8</b>	<b>-250</b>	<b>3,192</b>	<b>392</b>	<b>5,337</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, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

<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.

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-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 Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and 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 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, March 2021**  
(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>49,932</b>	--	--	<b>89,302</b>	<b>-28,667</b>	<b>-1,413</b>	<b>-7,026</b>	<b>112,124</b>	<b>4,056</b>	<b>0</b>	<b>127,464</b>
<b>Hydrocarbon Gas Liquids</b>	<b>31,816</b>	<b>-608</b>	<b>3,505</b>	<b>2,852</b>	<b>-18,797</b>	--	<b>1,082</b>	<b>2,456</b>	<b>9,520</b>	<b>5,710</b>	<b>33,289</b>
Natural Gas Liquids	31,816	-608	2,111	2,608	-17,916	--	1,034	2,456	9,520	5,001	32,974
Ethane	11,542	--	--	--	-4,843	--	1,015	--	2,742	2,942	6,306
Propane	11,223	--	2,117	2,033	-11,695	--	-220	--	141	3,757	9,618
Normal Butane	3,702	--	-14	466	-4,824	--	-502	513	125	-806	4,524
Isobutane	1,914	--	8	104	-319	--	-42	1,465	3	281	1,977
Natural Gasoline	3,435	-608	--	5	3,765	--	783	478	6,510	-1,173	10,549
Refinery Olefins	--	--	1,394	244	-881	--	48	--	--	709	315
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	1,336	183	-881	--	29	--	--	609	263
Normal Butylene	--	--	58	41	--	--	19	--	--	80	52
Isobutylene	--	--	--	20	--	--	0	--	--	20	0
<b>Other Liquids</b>	--	<b>30,625</b>	--	<b>525</b>	<b>-15,155</b>	<b>-2,595</b>	<b>-2,998</b>	<b>14,473</b>	<b>1,829</b>	<b>96</b>	<b>70,364</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	30,626	--	50	-18,927	-2,140	-1,201	8,727	776	1,306	9,796
Hydrogen	--	--	--	--	--	1,201	--	1,201	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	30,626	--	50	-18,927	-3,351	-1,207	7,522	776	1,306	9,770
Fuel Ethanol	--	27,926	--	--	-17,918	-3,351	-1,105	7,147	615	0	8,476
Renewable Fuels Except Fuel Ethanol	--	2,700	--	50	-1,009	--	-102	375	161	1,306	1,294
Other Hydrocarbons	--	--	--	--	--	10	6	4	--	0	26
Unfinished Oils	--	--	--	14	-120	--	608	-503	999	-1,210	15,295
Motor Gasoline Blend.Comp. (MGBC)	--	-1	--	461	3,892	-455	-2,405	6,249	53	0	45,273
Reformulated	--	-1	--	--	513	1,515	419	1,608	--	0	5,753
Conventional	--	--	--	461	3,379	-1,970	-2,824	4,641	53	0	39,520
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	--	<b>113</b>	<b>132,732</b>	<b>1,235</b>	<b>3,690</b>	<b>3,806</b>	<b>3,497</b>	--	<b>916</b>	<b>137,163</b>	<b>59,388</b>
Finished Motor Gasoline	--	112	74,454	--	582	3,806	399	--	244	78,311	5,419
Reformulated	--	--	9,951	--	--	-1,349	--	--	--	8,602	--
Conventional	--	112	64,503	--	582	5,155	399	--	244	69,709	5,419
Finished Aviation Gasoline	--	--	--	5	--	--	-4	--	--	9	190
Kerosene-Type Jet Fuel	--	--	6,187	--	1,309	--	-168	--	43	7,621	6,254
Kerosene	--	--	-13	--	--	--	-67	--	--	54	105
Distillate Fuel Oil	--	1	34,461	153	3,749	--	2,119	--	121	36,124	28,914
15 ppm sulfur and under	--	1	34,527	151	3,707	--	2,255	--	0	36,130	28,416
Greater than 15 ppm to 500 ppm sulfur	--	--	160	1	42	--	43	--	16	144	300
Greater than 500 ppm sulfur	--	--	-226	1	--	--	-179	--	104	-150	198
Residual Fuel Oil	--	--	1,129	90	-521	--	-52	--	130	620	1,169
Less than 0.31 percent sulfur	--	--	108	--	--	--	-26	--	NA	NA	42
0.31 to 1.00 percent sulfur	--	--	387	39	-229	--	-23	--	NA	NA	225
Greater than 1.00 percent sulfur	--	--	634	51	-292	--	-3	--	NA	NA	902
Petrochemical Feedstocks	--	--	901	128	-72	--	-27	--	--	984	554
Naphtha for Petro. Feed. Use	--	--	516	67	-49	--	-42	--	--	576	449
Other Oils for Petro. Feed. Use	--	--	385	61	-23	--	15	--	--	408	105
Special Naphthas	--	--	-17	9	10	--	-14	--	--	16	141
Lubricants	--	--	37	198	261	--	-73	--	202	367	583
Waxes	--	--	7	16	--	--	-16	--	30	9	22
Petroleum Coke	--	--	5,601	28	-583	--	171	--	32	4,843	2,232
Marketable	--	--	4,167	28	-583	--	171	--	32	3,409	2,232
Catalyst	--	--	1,434	--	--	--	--	--	--	1,434	--
Asphalt and Road Oil	--	--	5,229	608	-1,055	--	1,253	--	112	3,417	13,714
Still Gas	--	--	4,270	--	--	--	--	--	--	4,270	--
Miscellaneous Products	--	--	486	--	10	--	-24	--	2	518	91
<b>Total</b>	<b>81,748</b>	<b>30,130</b>	<b>136,237</b>	<b>93,914</b>	<b>-58,929</b>	<b>-202</b>	<b>-5,445</b>	<b>129,053</b>	<b>16,320</b>	<b>142,969</b>	<b>290,505</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, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

<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.

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-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 Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and 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 2 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-March 2021**  
(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>144,361</b>	--	--	<b>251,135</b>	<b>-91,163</b>	<b>3,062</b>	<b>-19,695</b>	<b>316,919</b>	<b>10,171</b>	<b>0</b>	<b>127,464</b>
<b>Hydrocarbon Gas Liquids</b>	<b>87,803</b>	<b>-1,654</b>	<b>5,882</b>	<b>8,749</b>	<b>-53,071</b>	--	<b>-13,861</b>	<b>7,655</b>	<b>27,875</b>	<b>26,041</b>	<b>33,289</b>
Natural Gas Liquids	87,803	-1,654	1,880	7,985	-50,149	--	-13,749	7,655	27,875	24,085	32,974
Ethane	30,760	--	--	--	-13,613	--	491	--	7,834	8,822	6,306
Propane	31,497	--	5,965	5,886	-32,776	--	-10,363	--	351	20,584	9,618
Normal Butane	10,620	--	-3,914	1,731	-11,630	--	-3,389	2,438	317	-2,559	4,524
Isobutane	5,292	--	-171	350	-708	--	88	3,944	7	724	1,977
Natural Gasoline	9,634	-1,654	--	18	8,578	--	-576	1,273	19,365	-3,486	10,549
Refinery Olefins	--	--	4,002	764	-2,922	--	-112	--	--	1,956	315
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	3,964	565	-2,922	--	-118	--	--	1,725	263
Normal Butylene	--	--	38	179	--	--	6	--	--	211	52
Isobutylene	--	--	--	20	--	--	0	--	--	20	0
<b>Other Liquids</b>	<b>--</b>	<b>84,745</b>	<b>--</b>	<b>1,088</b>	<b>-44,708</b>	<b>-4,875</b>	<b>4,503</b>	<b>27,561</b>	<b>6,018</b>	<b>-1,831</b>	<b>70,364</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	84,746	--	144	-54,762	-2,662	-1,030	23,874	1,538	3,084	9,796
Hydrogen	--	--	--	--	--	3,377	--	3,377	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	84,746	--	144	-54,762	-6,082	-1,043	20,467	1,538	3,084	9,770
Fuel Ethanol	--	77,339	--	--	-51,664	-6,082	-1,258	19,547	1,305	0	8,476
Renewable Fuels Except Fuel Ethanol	--	7,407	--	144	-3,098	--	216	920	234	3,084	1,294
Other Hydrocarbons	--	--	--	--	--	43	13	30	--	0	26
Unfinished Oils	--	--	--	21	-963	--	3,781	-4,132	4,323	-4,914	15,295
Motor Gasoline Blend.Comp. (MGBC)	--	-1	--	923	11,017	-2,213	1,751	7,819	156	0	45,273
Reformulated	--	-1	--	--	1,204	4,210	574	4,839	--	0	5,753
Conventional	--	--	--	923	9,813	-6,423	1,177	2,980	156	0	39,520
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>275</b>	<b>366,820</b>	<b>3,948</b>	<b>3,800</b>	<b>8,295</b>	<b>3,633</b>	<b>--</b>	<b>2,425</b>	<b>377,079</b>	<b>59,388</b>
Finished Motor Gasoline	--	274	202,864	--	-461	8,295	-1,937	--	643	212,266	5,419
Reformulated	--	--	27,596	--	--	-3,792	--	--	--	23,804	--
Conventional	--	274	175,268	--	-461	12,087	-1,937	--	643	188,462	5,419
Finished Aviation Gasoline	--	--	30	11	20	--	9	--	--	52	190
Kerosene-Type Jet Fuel	--	--	17,682	--	1,933	--	-288	--	92	19,811	6,254
Kerosene	--	--	614	--	--	--	-93	--	2	705	105
Distillate Fuel Oil	--	1	95,360	602	7,996	--	890	--	250	102,819	28,914
15 ppm sulfur and under	--	1	95,447	597	7,889	--	990	--	5	102,938	28,416
Greater than 15 ppm to 500 ppm sulfur	--	--	263	3	107	--	-2	--	50	325	300
Greater than 500 ppm sulfur	--	--	-350	2	--	--	-98	--	194	-444	198
Residual Fuel Oil	--	--	2,940	803	-1,310	--	40	--	429	1,964	1,169
Less than 0.31 percent sulfur	--	--	226	--	--	--	-31	--	NA	NA	42
0.31 to 1.00 percent sulfur	--	--	915	146	-628	--	-11	--	NA	NA	225
Greater than 1.00 percent sulfur	--	--	1,799	657	-682	--	82	--	NA	NA	902
Petrochemical Feedstocks	--	--	2,524	423	-213	--	-50	--	--	2,784	554
Naphtha for Petro. Feed. Use	--	--	1,541	232	-144	--	-33	--	--	1,662	449
Other Oils for Petro. Feed. Use	--	--	983	191	-69	--	-17	--	--	1,122	105
Special Naphthas	--	--	23	21	61	--	-10	--	--	115	141
Lubricants	--	--	365	634	650	--	-48	--	534	1,163	583
Waxes	--	--	61	47	--	--	-18	--	98	28	22
Petroleum Coke	--	--	15,803	95	-2,347	--	597	--	105	12,849	2,232
Marketable	--	--	11,750	95	-2,347	--	597	--	105	8,796	2,232
Catalyst	--	--	4,053	--	--	--	--	--	--	4,053	--
Asphalt and Road Oil	--	--	15,358	1,312	-2,539	--	4,557	--	265	9,308	13,714
Still Gas	--	--	11,818	--	--	--	--	--	--	11,818	--
Miscellaneous Products	--	--	1,378	--	10	--	-16	--	7	1,397	91
<b>Total</b>	<b>232,164</b>	<b>83,366</b>	<b>372,702</b>	<b>264,920</b>	<b>-185,142</b>	<b>6,482</b>	<b>-25,420</b>	<b>352,135</b>	<b>46,488</b>	<b>401,290</b>	<b>290,505</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, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

<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.

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-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 Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and 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 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, March 2021**  
(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>1,611</b>	--	--	<b>2,881</b>	<b>-925</b>	<b>-46</b>	<b>-227</b>	<b>3,617</b>	<b>131</b>	<b>0</b>
<b>Hydrocarbon Gas Liquids</b>	<b>1,026</b>	<b>-20</b>	<b>113</b>	<b>92</b>	<b>-606</b>	--	<b>35</b>	<b>79</b>	<b>307</b>	<b>184</b>
Natural Gas Liquids	1,026	-20	68	84	-578	--	33	79	307	161
Ethane	372	--	--	--	-156	--	33	--	88	95
Propane	362	--	68	66	-377	--	-7	--	5	121
Normal Butane	119	--	0	15	-156	--	-16	17	4	-26
Isobutane	62	--	0	3	-10	--	-1	47	0	9
Natural Gasoline	111	-20	--	0	121	--	25	15	210	-38
Refinery Olefins	--	--	45	8	-28	--	2	--	--	23
Ethylene	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	43	6	-28	--	1	--	--	20
Normal Butylene	--	--	2	1	--	--	1	--	--	3
Isobutylene	--	--	--	--	--	--	0	--	--	1
<b>Other Liquids</b>	<b>--</b>	<b>988</b>	<b>--</b>	<b>17</b>	<b>-489</b>	<b>-84</b>	<b>-97</b>	<b>467</b>	<b>59</b>	<b>3</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	988	--	2	-611	-69	-39	282	25	42
Hydrogen	--	--	--	--	--	39	--	39	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	988	--	2	-611	-108	-39	243	25	42
Fuel Ethanol	--	901	--	--	-578	-108	-36	231	20	0
Renewable Fuels Except Fuel Ethanol	--	87	--	2	-33	--	-3	12	5	42
Other Hydrocarbons	--	--	--	--	--	0	0	0	--	0
Unfinished Oils	--	--	--	0	-4	--	20	-16	32	-39
Motor Gasoline Blend Comp. (MGBC)	--	0	--	15	126	-15	-78	202	2	0
Reformulated	--	0	--	--	17	49	14	52	--	0
Conventional	--	--	--	15	109	-64	-91	150	2	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>4</b>	<b>4,282</b>	<b>40</b>	<b>119</b>	<b>123</b>	<b>113</b>	<b>--</b>	<b>30</b>	<b>4,425</b>
Finished Motor Gasoline	--	4	2,402	--	19	123	13	--	8	2,526
Reformulated	--	--	321	--	--	-44	--	--	--	277
Conventional	--	4	2,081	--	19	166	13	--	8	2,249
Finished Aviation Gasoline	--	--	--	0	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	200	--	42	--	-5	--	1	246
Kerosene	--	--	0	--	--	--	-2	--	--	2
Distillate Fuel Oil	--	0	1,112	5	121	--	68	--	4	1,165
15 ppm sulfur and under	--	0	1,114	5	120	--	73	--	0	1,165
Greater than 15 ppm to 500 ppm sulfur	--	--	5	0	1	--	1	--	1	5
Greater than 500 ppm sulfur	--	--	-7	0	--	--	-6	--	3	-5
Residual Fuel Oil	--	--	36	3	-17	--	-2	--	4	20
Less than 0.31 percent sulfur	--	--	3	--	--	--	-1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	12	1	-7	--	-1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	20	2	-9	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	29	4	-2	--	-1	--	--	32
Naphtha for Petro. Feed. Use	--	--	17	2	-2	--	-1	--	--	19
Other Oils for Petro. Feed. Use	--	--	12	2	-1	--	0	--	--	13
Special Naphthas	--	--	-1	0	0	--	0	--	--	1
Lubricants	--	--	1	6	8	--	-2	--	7	12
Waxes	--	--	0	1	--	--	-1	--	1	0
Petroleum Coke	--	--	181	1	-19	--	6	--	1	156
Marketable	--	--	134	1	-19	--	6	--	1	110
Catalyst	--	--	46	--	--	--	--	--	--	46
Asphalt and Road Oil	--	--	169	20	-34	--	40	--	4	110
Still Gas	--	--	138	--	--	--	--	--	--	138
Miscellaneous Products	--	--	16	--	0	--	-1	--	0	17
<b>Total</b>	<b>2,637</b>	<b>972</b>	<b>4,395</b>	<b>3,029</b>	<b>-1,901</b>	<b>-7</b>	<b>-176</b>	<b>4,163</b>	<b>526</b>	<b>4,612</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, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

<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.

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-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 Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and 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 2 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-March 2021**  
(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>1,604</b>	--	--	<b>2,790</b>	<b>-1,013</b>	<b>34</b>	<b>-219</b>	<b>3,521</b>	<b>113</b>	<b>0</b>
<b>Hydrocarbon Gas Liquids</b>	<b>976</b>	<b>-18</b>	<b>65</b>	<b>97</b>	<b>-590</b>	--	<b>-154</b>	<b>85</b>	<b>310</b>	<b>289</b>
Natural Gas Liquids	976	-18	21	89	-557	--	-153	85	310	268
Ethane	342	--	--	--	-151	--	5	--	87	98
Propane	350	--	66	65	-364	--	-115	--	4	229
Normal Butane	118	--	-43	19	-129	--	-38	27	4	-28
Isobutane	59	--	-2	4	-8	--	1	44	0	8
Natural Gasoline	107	-18	--	0	95	--	-6	14	215	-39
Refinery Olefins	--	--	44	8	-32	--	-1	--	--	22
Ethylene	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	44	6	-32	--	-1	--	--	19
Normal Butylene	--	--	0	2	--	--	0	--	--	2
Isobutylene	--	--	--	--	--	--	0	--	--	0
<b>Other Liquids</b>	<b>--</b>	<b>942</b>	<b>--</b>	<b>12</b>	<b>-497</b>	<b>-54</b>	<b>50</b>	<b>306</b>	<b>67</b>	<b>-20</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	942	--	2	-608	-30	-11	265	17	34
Hydrogen	--	--	--	--	--	38	--	38	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	942	--	2	-608	-68	-12	227	17	34
Fuel Ethanol	--	859	--	--	-574	-68	-14	217	14	0
Renewable Fuels Except Fuel Ethanol	--	82	--	2	-34	--	2	10	3	34
Other Hydrocarbons	--	--	--	--	--	0	0	0	--	0
Unfinished Oils	--	--	--	0	-11	--	42	-46	48	-55
Motor Gasoline Blend Comp. (MGBC)	--	0	--	10	122	-25	19	87	2	0
Reformulated	--	0	--	--	13	47	6	54	--	0
Conventional	--	--	--	10	109	-71	13	33	2	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>3</b>	<b>4,076</b>	<b>44</b>	<b>42</b>	<b>92</b>	<b>40</b>	<b>--</b>	<b>27</b>	<b>4,190</b>
Finished Motor Gasoline	--	3	2,254	--	-5	92	-22	--	7	2,359
Reformulated	--	--	307	--	--	-42	--	--	--	264
Conventional	--	3	1,947	--	-5	134	-22	--	7	2,094
Finished Aviation Gasoline	--	--	0	0	0	--	0	--	--	1
Kerosene-Type Jet Fuel	--	--	196	--	21	--	-3	--	1	220
Kerosene	--	--	7	--	--	--	-1	--	0	8
Distillate Fuel Oil	--	0	1,060	7	89	--	10	--	3	1,142
15 ppm sulfur and under	--	0	1,061	7	88	--	11	--	0	1,144
Greater than 15 ppm to 500 ppm sulfur	--	--	3	0	1	--	0	--	1	4
Greater than 500 ppm sulfur	--	--	-4	0	--	--	-1	--	2	-5
Residual Fuel Oil	--	--	33	9	-15	--	0	--	5	22
Less than 0.31 percent sulfur	--	--	3	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	10	2	-7	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	20	7	-8	--	1	--	NA	NA
Petrochemical Feedstocks	--	--	28	5	-2	--	-1	--	--	31
Naphtha for Petro. Feed. Use	--	--	17	3	-2	--	0	--	--	18
Other Oils for Petro. Feed. Use	--	--	11	2	-1	--	0	--	--	12
Special Naphthas	--	--	0	0	1	--	0	--	--	1
Lubricants	--	--	4	7	7	--	-1	--	6	13
Waxes	--	--	1	1	--	--	0	--	1	0
Petroleum Coke	--	--	176	1	-26	--	7	--	1	143
Marketable	--	--	131	1	-26	--	7	--	1	98
Catalyst	--	--	45	--	--	--	--	--	--	45
Asphalt and Road Oil	--	--	171	15	-28	--	51	--	3	103
Still Gas	--	--	131	--	--	--	--	--	--	131
Miscellaneous Products	--	--	15	--	0	--	0	--	0	16
<b>Total</b>	<b>2,580</b>	<b>926</b>	<b>4,141</b>	<b>2,944</b>	<b>-2,057</b>	<b>72</b>	<b>-282</b>	<b>3,913</b>	<b>517</b>	<b>4,459</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, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

<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.

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-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 Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and 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. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, March 2021**  
(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>245,813</b>	--	--	<b>34,768</b>	<b>34,620</b>	<b>12,399</b>	<b>17,243</b>	<b>232,866</b>	<b>77,491</b>	<b>0</b>	<b>931,895</b>
<b>Hydrocarbon Gas Liquids</b>	<b>90,279</b>	<b>-9</b>	<b>12,428</b>	<b>--</b>	<b>23,895</b>	<b>--</b>	<b>-2,540</b>	<b>9,654</b>	<b>48,457</b>	<b>71,022</b>	<b>121,022</b>
Natural Gas Liquids	90,279	-9	6,392	--	23,477	--	-2,564	9,654	48,457	64,592	119,913
Ethane	37,749	--	107	--	13,182	--	2,301	--	5,827	42,910	60,127
Propane	28,754	--	4,572	--	7,607	--	-920	--	31,365	10,488	23,265
Normal Butane	6,908	--	1,635	--	3,999	--	-1,078	2,991	11,134	-505	17,454
Isobutane	8,066	--	78	--	1,125	--	91	3,178	51	5,949	7,882
Natural Gasoline	8,802	-9	--	--	-2,436	--	-2,958	3,485	80	5,749	11,185
Refinery Olefins	--	--	6,036	--	418	--	24	--	--	6,430	1,109
Ethylene	--	--	9	--	--	--	0	--	--	9	0
Propylene	--	--	6,254	--	418	--	15	--	--	6,657	679
Normal Butylene	--	--	-191	--	--	--	-10	--	--	-181	402
Isobutylene	--	--	-36	--	--	--	19	--	--	-55	28
<b>Other Liquids</b>	<b>--</b>	<b>1,788</b>	<b>--</b>	<b>14,577</b>	<b>-48,925</b>	<b>7,955</b>	<b>3,777</b>	<b>-45,814</b>	<b>9,348</b>	<b>8,085</b>	<b>132,959</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	1,788	--	24	5,163	4,444	-249	8,111	2,245	1,312	6,291
Hydrogen	--	--	--	--	--	3,173	--	3,173	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	1,788	--	--	5,163	1,295	-249	4,938	2,245	1,312	6,291
Fuel Ethanol	--	469	--	--	5,074	1,295	89	4,526	2,222	0	4,852
Renewable Fuels Except Fuel Ethanol	--	1,319	--	--	89	--	-338	412	23	1,312	1,439
Other Hydrocarbons	--	--	--	24	--	-24	--	--	--	0	--
Unfinished Oils	--	--	--	11,039	141	--	1,589	-2,189	4,999	6,781	52,469
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	3,514	-54,229	3,511	2,447	-51,754	2,103	0	74,175
Reformulated	--	--	--	--	-7,589	6,875	1,083	-1,800	3	0	9,377
Conventional	--	--	--	3,514	-46,640	-3,364	1,364	-49,954	2,100	0	64,798
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	-10	18	--	-8	24
<b>Finished Petroleum Products</b>	<b>--</b>	<b>6</b>	<b>197,672</b>	<b>4,497</b>	<b>-36,927</b>	<b>-4,806</b>	<b>4,361</b>	<b>--</b>	<b>63,913</b>	<b>92,167</b>	<b>109,391</b>
Finished Motor Gasoline	--	0	65,442	256	-3,410	-4,806	571	--	20,007	36,904	7,754
Reformulated	--	--	13,478	--	--	-7,174	--	--	--	6,304	--
Conventional	--	0	51,964	256	-3,410	2,367	571	--	20,007	30,599	7,754
Finished Aviation Gasoline	--	--	246	13	-58	--	46	--	--	155	350
Kerosene-Type Jet Fuel	--	--	17,497	--	-10,290	--	-17	--	1,293	5,931	13,181
Kerosene	--	--	18	--	-76	--	144	--	--	-202	363
Distillate Fuel Oil	--	6	76,812	375	-23,492	--	5,056	--	23,909	24,736	51,840
15 ppm sulfur and under	--	6	71,932	375	-23,129	--	4,588	--	22,272	22,324	45,359
Greater than 15 ppm to 500 ppm sulfur	--	0	3,100	--	-43	--	218	--	601	2,238	1,908
Greater than 500 ppm sulfur	--	--	1,780	--	-320	--	250	--	1,036	174	4,573
Residual Fuel Oil	--	--	2,571	1,960	521	--	-170	--	2,391	2,831	17,313
Less than 0.31 percent sulfur	--	--	349	--	--	--	-61	--	NA	NA	1,777
0.31 to 1.00 percent sulfur	--	--	630	65	229	--	-247	--	NA	NA	4,005
Greater than 1.00 percent sulfur	--	--	1,592	1,895	292	--	138	--	NA	NA	11,531
Petrochemical Feedstocks	--	--	6,377	467	72	--	-54	--	--	6,970	2,260
Naphtha for Petro. Feed. Use	--	--	3,913	421	49	--	-147	--	--	4,530	1,663
Other Oils for Petro. Feed. Use	--	--	2,464	46	23	--	93	--	--	2,440	597
Special Naphthas	--	--	875	265	-10	--	56	--	--	1,074	714
Lubricants	--	--	3,406	789	-593	--	-491	--	2,438	1,655	5,992
Waxes	--	--	70	27	--	--	-27	--	35	89	190
Petroleum Coke	--	--	11,291	345	545	--	-1,080	--	13,081	179	3,154
Marketable	--	--	8,567	345	545	--	-1,080	--	13,081	-2,545	3,154
Catalyst	--	--	2,724	--	--	--	--	--	--	2,724	--
Asphalt and Road Oil	--	--	2,422	--	-126	--	285	--	738	1,273	5,951
Still Gas	--	--	9,329	--	--	--	--	--	--	9,329	--
Miscellaneous Products	--	--	1,316	--	-10	--	42	--	21	1,243	329
<b>Total</b>	<b>336,092</b>	<b>1,785</b>	<b>210,100</b>	<b>53,842</b>	<b>-27,337</b>	<b>15,548</b>	<b>22,842</b>	<b>196,706</b>	<b>199,209</b>	<b>171,273</b>	<b>1,295,268</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, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

<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 25 for the breakout of Commercial Crude Oil.

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-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 Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and 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. PAD District 3 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-March 2021**  
(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>670,365</b>	--	--	<b>101,633</b>	<b>115,035</b>	<b>36,822</b>	<b>34,971</b>	<b>647,525</b>	<b>241,359</b>	<b>0</b>	<b>931,895</b>
<b>Hydrocarbon Gas Liquids</b>	<b>243,969</b>	<b>-25</b>	<b>30,360</b>	<b>32</b>	<b>65,937</b>	--	<b>-37,916</b>	<b>27,645</b>	<b>145,839</b>	<b>204,705</b>	<b>121,022</b>
Natural Gas Liquids	243,969	-25	12,691	--	64,157	--	-37,712	27,645	145,839	185,020	119,913
Ethane	102,924	--	292	--	37,892	--	-1,588	--	16,255	126,441	60,127
Propane	77,399	--	12,143	--	19,260	--	-14,068	--	100,509	22,361	23,265
Normal Butane	17,587	--	795	--	8,575	--	-11,224	11,401	28,672	-1,892	17,454
Isobutane	22,634	--	-539	--	2,887	--	-1,543	8,732	182	17,611	7,882
Natural Gasoline	23,425	-25	--	--	-4,457	--	-9,289	7,512	221	20,498	11,185
Refinery Olefins	--	--	17,669	32	1,780	--	-204	--	--	19,685	1,109
Ethylene	--	--	14	--	--	--	0	--	--	14	--
Propylene	--	--	18,468	--	1,780	--	-271	--	--	20,519	679
Normal Butylene	--	--	-728	32	--	--	39	--	--	-735	402
Isobutylene	--	--	-85	--	--	--	28	--	--	-113	28
<b>Other Liquids</b>	--	<b>4,782</b>	--	<b>40,295</b>	<b>-142,003</b>	<b>21,208</b>	<b>8,381</b>	<b>-132,821</b>	<b>38,680</b>	<b>10,042</b>	<b>132,959</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	4,782	--	29	16,901	11,525	864	22,214	7,556	2,602	6,291
Hydrogen	--	--	--	--	--	9,174	--	9,174	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	4,782	--	--	16,901	2,380	864	13,040	7,556	2,602	6,291
Fuel Ethanol	--	1,160	--	--	16,365	2,380	536	11,975	7,393	0	4,852
Renewable Fuels Except Fuel Ethanol	--	3,622	--	--	536	--	328	1,065	163	2,602	1,439
Other Hydrocarbons	--	--	--	29	--	-29	--	--	--	0	--
Unfinished Oils	--	--	--	35,117	1,068	--	8,805	-6,858	26,760	7,478	52,469
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	5,149	-159,972	9,683	-1,281	-148,223	4,364	0	74,175
Reformulated	--	--	--	--	-25,991	16,762	-1,459	-7,783	13	0	9,377
Conventional	--	--	--	5,149	-133,981	-7,080	178	-140,440	4,350	0	64,798
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	-7	46	--	-39	24
<b>Finished Petroleum Products</b>	--	<b>4</b>	<b>548,820</b>	<b>14,456</b>	<b>-110,937</b>	<b>-12,063</b>	<b>-1,541</b>	--	<b>186,077</b>	<b>255,743</b>	<b>109,391</b>
Finished Motor Gasoline	--	0	181,034	562	-9,092	-12,063	-503	--	60,450	100,495	7,754
Reformulated	--	--	35,148	--	--	-17,460	--	--	--	17,688	--
Conventional	--	0	145,886	562	-9,092	5,398	-503	--	60,450	82,807	7,754
Finished Aviation Gasoline	--	--	514	54	-139	--	-73	--	--	502	350
Kerosene-Type Jet Fuel	--	--	50,380	--	-30,320	--	757	--	5,246	14,057	13,181
Kerosene	--	--	251	--	-473	--	120	--	369	-711	363
Distillate Fuel Oil	--	4	211,155	775	-71,832	--	-1,265	--	72,213	69,154	51,840
15 ppm sulfur and under	--	4	195,734	375	-70,159	--	-2,072	--	62,261	65,765	45,359
Greater than 15 ppm to 500 ppm sulfur	--	0	8,561	--	-108	--	576	--	4,573	3,304	1,908
Greater than 500 ppm sulfur	--	--	6,860	400	-1,565	--	231	--	5,379	85	4,573
Residual Fuel Oil	--	--	4,663	7,821	1,310	--	1,146	--	5,125	7,523	17,313
Less than 0.31 percent sulfur	--	--	801	891	--	--	566	--	NA	NA	1,777
0.31 to 1.00 percent sulfur	--	--	1,362	335	628	--	195	--	NA	NA	4,005
Greater than 1.00 percent sulfur	--	--	2,500	6,595	682	--	385	--	NA	NA	11,531
Petrochemical Feedstocks	--	--	18,636	929	213	--	-22	--	--	19,800	2,260
Naphtha for Petro. Feed. Use	--	--	11,378	810	144	--	71	--	--	12,261	1,663
Other Oils for Petro. Feed. Use	--	--	7,258	119	69	--	-93	--	--	7,539	597
Special Naphthas	--	--	2,314	692	-61	--	-105	--	--	3,050	714
Lubricants	--	--	10,338	2,642	-1,703	--	-1,040	--	6,601	5,716	5,992
Waxes	--	--	218	119	--	--	-64	--	87	314	190
Petroleum Coke	--	--	32,127	764	1,751	--	-1,502	--	34,558	1,586	3,154
Marketable	--	--	24,433	764	1,751	--	-1,502	--	34,558	-6,108	3,154
Catalyst	--	--	7,694	--	--	--	--	--	--	7,694	--
Asphalt and Road Oil	--	--	6,467	98	-581	--	984	--	1,394	3,606	5,951
Still Gas	--	--	26,951	--	--	--	--	--	--	26,951	--
Miscellaneous Products	--	--	3,772	--	-10	--	26	--	35	3,701	329
<b>Total</b>	<b>914,334</b>	<b>4,761</b>	<b>579,180</b>	<b>156,416</b>	<b>-71,969</b>	<b>45,967</b>	<b>3,896</b>	<b>542,349</b>	<b>611,955</b>	<b>470,489</b>	<b>1,295,268</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, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

<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 25 for the breakout of Commercial Crude Oil.

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-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 Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and 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 15. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, March 2021**  
(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> .....	<b>7,929</b>	--	--	<b>1,122</b>	<b>1,117</b>	<b>400</b>	<b>556</b>	<b>7,512</b>	<b>2,500</b>	<b>0</b>
<b>Hydrocarbon Gas Liquids</b> .....	<b>2,912</b>	<b>0</b>	<b>401</b>	--	<b>771</b>	--	<b>-82</b>	<b>311</b>	<b>1,563</b>	<b>2,291</b>
Natural Gas Liquids .....	2,912	0	206	--	757	--	-83	311	1,563	2,084
Ethane .....	1,218	--	3	--	425	--	74	--	188	1,384
Propane .....	928	--	147	--	245	--	-30	--	1,012	338
Normal Butane .....	223	--	53	--	129	--	-35	96	359	-16
Isobutane .....	260	--	3	--	36	--	3	103	2	192
Natural Gasoline .....	284	0	--	--	-79	--	-95	112	3	185
Refinery Olefins .....	--	--	195	--	13	--	1	--	--	207
Ethylene .....	--	--	0	--	--	--	0	--	--	0
Propylene .....	--	--	202	--	13	--	0	--	--	215
Normal Butylene .....	--	--	-6	--	--	--	0	--	--	-6
Isobutylene .....	--	--	-1	--	--	--	1	--	--	-2
<b>Other Liquids</b> .....	--	<b>58</b>	--	<b>470</b>	<b>-1,578</b>	<b>257</b>	<b>122</b>	<b>-1,478</b>	<b>302</b>	<b>261</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	--	58	--	1	167	143	-8	262	72	42
Hydrogen .....	--	--	--	--	--	102	--	102	--	0
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol) .....	--	58	--	--	167	42	-8	159	72	42
Fuel Ethanol .....	--	15	--	--	164	42	3	146	72	0
Renewable Fuels Except Fuel Ethanol .....	--	43	--	--	3	--	-11	13	1	42
Other Hydrocarbons .....	--	--	--	1	--	-1	--	--	--	0
Unfinished Oils .....	--	--	--	356	5	--	51	-71	161	219
Motor Gasoline Blend Comp. (MGBC) .....	--	--	--	113	-1,749	113	79	-1,669	68	0
Reformulated .....	--	--	--	--	-245	222	35	-58	0	0
Conventional .....	--	--	--	113	-1,505	-109	44	-1,611	68	0
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	--	0	1	--	0
<b>Finished Petroleum Products</b> .....	--	<b>0</b>	<b>6,377</b>	<b>145</b>	<b>-1,191</b>	<b>-155</b>	<b>141</b>	--	<b>2,062</b>	<b>2,973</b>
Finished Motor Gasoline .....	--	0	2,111	8	-110	-155	18	--	645	1,190
Reformulated .....	--	--	435	--	--	-231	--	--	--	203
Conventional .....	--	0	1,676	8	-110	76	18	--	645	987
Finished Aviation Gasoline .....	--	--	8	0	-2	--	1	--	--	5
Kerosene-Type Jet Fuel .....	--	--	564	--	-332	--	-1	--	42	191
Kerosene .....	--	--	1	--	-2	--	5	--	--	-7
Distillate Fuel Oil .....	--	0	2,478	12	-758	--	163	--	771	798
15 ppm sulfur and under .....	--	0	2,320	12	-746	--	148	--	718	720
Greater than 15 ppm to 500 ppm sulfur .....	--	0	100	--	-1	--	7	--	19	72
Greater than 500 ppm sulfur .....	--	--	57	--	-10	--	8	--	33	6
Residual Fuel Oil .....	--	--	83	63	17	--	-5	--	77	91
Less than 0.31 percent sulfur .....	--	--	11	--	--	--	-2	--	NA	NA
0.31 to 1.00 percent sulfur .....	--	--	20	2	7	--	-8	--	NA	NA
Greater than 1.00 percent sulfur .....	--	--	51	61	9	--	4	--	NA	NA
Petrochemical Feedstocks .....	--	--	206	15	2	--	-2	--	--	225
Naphtha for Petro. Feed. Use .....	--	--	126	14	2	--	-5	--	--	146
Other Oils for Petro. Feed. Use .....	--	--	79	1	1	--	3	--	--	79
Special Naphthas .....	--	--	28	9	0	--	2	--	--	35
Lubricants .....	--	--	110	25	-19	--	-16	--	79	53
Waxes .....	--	--	2	1	--	--	-1	--	1	3
Petroleum Coke .....	--	--	364	11	18	--	-35	--	422	6
Marketable .....	--	--	276	11	18	--	-35	--	422	-82
Catalyst .....	--	--	88	--	--	--	--	--	--	88
Asphalt and Road Oil .....	--	--	78	--	-4	--	9	--	24	41
Still Gas .....	--	--	301	--	--	--	--	--	--	301
Miscellaneous Products .....	--	--	42	--	0	--	1	--	1	40
<b>Total</b> .....	<b>10,842</b>	<b>58</b>	<b>6,777</b>	<b>1,737</b>	<b>-882</b>	<b>502</b>	<b>737</b>	<b>6,345</b>	<b>6,426</b>	<b>5,525</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, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

<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 25 for the breakout of Commercial Crude Oil.

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-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 Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and 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 16. PAD District 3 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-March 2021**  
(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>	<b>7,449</b>	--	--	<b>1,129</b>	<b>1,278</b>	<b>409</b>	<b>389</b>	<b>7,195</b>	<b>2,682</b>	<b>0</b>
<b>Hydrocarbon Gas Liquids</b>	<b>2,711</b>	<b>0</b>	<b>337</b>	<b>0</b>	<b>733</b>	--	<b>-421</b>	<b>307</b>	<b>1,620</b>	<b>2,274</b>
Natural Gas Liquids	2,711	0	141	--	713	--	-419	307	1,620	2,056
Ethane	1,144	--	3	--	421	--	-18	--	181	1,405
Propane	860	--	135	--	214	--	-156	--	1,117	248
Normal Butane	195	--	9	--	95	--	-125	127	319	-21
Isobutane	251	--	-6	--	32	--	-17	97	2	196
Natural Gasoline	260	0	--	--	-50	--	-103	83	2	228
Refinery Olefins	--	--	196	0	20	--	-2	--	--	219
Ethylene	--	--	0	--	--	--	0	--	--	0
Propylene	--	--	205	--	20	--	-3	--	--	228
Normal Butylene	--	--	-8	0	--	--	0	--	--	-8
Isobutylene	--	--	-1	--	--	--	0	--	--	-1
<b>Other Liquids</b>	--	<b>53</b>	--	<b>448</b>	<b>-1,578</b>	<b>236</b>	<b>93</b>	<b>-1,476</b>	<b>430</b>	<b>112</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	53	--	0	188	128	10	247	84	29
Hydrogen	--	--	--	--	--	102	--	102	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	53	--	--	188	26	10	145	84	29
Fuel Ethanol	--	13	--	--	182	26	6	133	82	0
Renewable Fuels Except Fuel Ethanol	--	40	--	--	6	--	4	12	2	29
Other Hydrocarbons	--	--	--	0	--	0	--	--	--	0
Unfinished Oils	--	--	--	390	12	--	98	-76	297	83
Motor Gasoline Blend Comp. (MGBC)	--	--	--	57	-1,777	108	-14	-1,647	48	0
Reformulated	--	--	--	--	-289	186	-16	-86	0	0
Conventional	--	--	--	57	-1,489	-79	2	-1,560	48	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	1	--	0
<b>Finished Petroleum Products</b>	--	<b>0</b>	<b>6,098</b>	<b>161</b>	<b>-1,233</b>	<b>-134</b>	<b>-17</b>	--	<b>2,068</b>	<b>2,842</b>
Finished Motor Gasoline	--	0	2,011	6	-101	-134	-6	--	672	1,117
Reformulated	--	--	391	--	--	-194	--	--	--	197
Conventional	--	0	1,621	6	-101	60	-6	--	672	920
Finished Aviation Gasoline	--	--	6	1	-2	--	-1	--	--	6
Kerosene-Type Jet Fuel	--	--	560	--	-337	--	8	--	58	156
Kerosene	--	--	3	--	-5	--	1	--	4	-8
Distillate Fuel Oil	--	0	2,346	9	-798	--	-14	--	802	768
15 ppm sulfur and under	--	0	2,175	4	-780	--	-23	--	692	731
Greater than 15 ppm to 500 ppm sulfur	--	0	95	--	-1	--	6	--	51	37
Greater than 500 ppm sulfur	--	--	76	4	-17	--	3	--	60	1
Residual Fuel Oil	--	--	52	87	15	--	13	--	57	84
Less than 0.31 percent sulfur	--	--	9	10	--	--	6	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	15	4	7	--	2	--	NA	NA
Greater than 1.00 percent sulfur	--	--	28	73	8	--	4	--	NA	NA
Petrochemical Feedstocks	--	--	207	10	2	--	0	--	--	220
Naphtha for Petro. Feed. Use	--	--	126	9	2	--	1	--	--	136
Other Oils for Petro. Feed. Use	--	--	81	1	1	--	-1	--	--	84
Special Naphthas	--	--	26	8	-1	--	-1	--	--	34
Lubricants	--	--	115	29	-19	--	-12	--	73	64
Waxes	--	--	2	1	--	--	-1	--	1	3
Petroleum Coke	--	--	357	8	19	--	-17	--	384	18
Marketable	--	--	271	8	19	--	-17	--	384	-68
Catalyst	--	--	85	--	--	--	--	--	--	85
Asphalt and Road Oil	--	--	72	1	-6	--	11	--	15	40
Still Gas	--	--	299	--	--	--	--	--	--	299
Miscellaneous Products	--	--	42	--	0	--	0	--	0	41
<b>Total</b>	<b>10,159</b>	<b>53</b>	<b>6,435</b>	<b>1,738</b>	<b>-800</b>	<b>511</b>	<b>43</b>	<b>6,026</b>	<b>6,800</b>	<b>5,228</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, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

<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 25 for the breakout of Commercial Crude Oil.

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-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 Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and 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 17. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, March 2021**  
(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>22,793</b>	--	--	<b>11,774</b>	<b>-15,339</b>	<b>-1,153</b>	<b>804</b>	<b>17,271</b>	--	<b>0</b>	<b>23,494</b>
<b>Hydrocarbon Gas Liquids</b>	<b>15,168</b>	-7	<b>444</b>	<b>463</b>	<b>-8,173</b>	--	<b>-63</b>	<b>405</b>	<b>62</b>	<b>7,490</b>	<b>5,245</b>
Natural Gas Liquids	15,168	-7	305	463	-8,173	--	-37	405	62	7,325	5,171
Ethane	4,388	--	--	--	-3,126	--	26	--	--	1,236	1,082
Propane	5,513	--	248	408	-2,428	--	-94	--	2	3,833	1,932
Normal Butane	2,103	--	13	47	-1,021	--	20	176	--	946	942
Isobutane	1,067	--	44	8	-617	--	22	114	--	366	455
Natural Gasoline	2,097	-7	--	--	-981	--	-11	115	60	944	760
Refinery Olefins	--	--	139	--	--	--	-26	--	--	165	74
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	35	--	--	--	0	--	--	35	1
Normal Butylene	--	--	104	--	--	--	-26	--	--	130	73
Isobutylene	--	--	--	--	--	--	0	--	--	0	0
<b>Other Liquids</b>	--	<b>582</b>	--	<b>178</b>	<b>1,131</b>	<b>-702</b>	<b>318</b>	<b>351</b>	<b>0</b>	<b>521</b>	<b>10,499</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	582	--	93	430	358	38	1,138	--	288	487
Hydrogen	--	--	--	--	--	186	--	186	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	582	--	93	430	172	38	952	--	288	487
Fuel Ethanol	--	288	--	--	397	172	-2	860	--	0	357
Renewable Fuels Except Fuel Ethanol	--	294	--	93	32	--	40	92	--	288	130
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	25	--	--	519	-727	0	233	3,397
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	60	701	-1,060	-239	-60	0	0	6,615
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	60	701	-1,060	-239	-60	0	0	6,615
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	--	<b>0</b>	<b>18,157</b>	<b>316</b>	<b>-774</b>	<b>888</b>	<b>-76</b>	--	<b>18</b>	<b>18,644</b>	<b>9,246</b>
Finished Motor Gasoline	--	--	9,215	--	-388	888	-41	--	0	9,756	1,949
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	9,215	--	-388	888	-41	--	0	9,756	1,949
Finished Aviation Gasoline	--	--	6	3	--	--	1	--	--	8	9
Kerosene-Type Jet Fuel	--	--	857	12	462	--	-29	--	--	1,360	560
Kerosene	--	--	--	--	--	--	0	--	--	0	1
Distillate Fuel Oil	--	0	5,343	254	65	--	-170	--	--	5,832	3,984
15 ppm sulfur and under	--	0	5,202	254	65	--	-276	--	--	5,797	3,708
Greater than 15 ppm to 500 ppm sulfur	--	--	100	--	--	--	65	--	--	35	208
Greater than 500 ppm sulfur	--	--	41	--	--	--	41	--	--	0	68
Residual Fuel Oil	--	--	367	--	--	--	14	--	2	351	216
Less than 0.31 percent sulfur	--	--	203	--	--	--	2	--	NA	NA	23
0.31 to 1.00 percent sulfur	--	--	27	--	--	--	3	--	NA	NA	8
Greater than 1.00 percent sulfur	--	--	137	--	--	--	9	--	NA	NA	185
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	15	-15	--
Waxes	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	618	--	-332	--	-57	--	--	343	146
Marketable	--	--	424	--	-332	--	-57	--	--	149	146
Catalyst	--	--	194	--	--	--	--	--	--	194	--
Asphalt and Road Oil	--	--	1,044	46	-581	--	208	--	0	300	2,366
Still Gas	--	--	605	--	--	--	--	--	--	605	--
Miscellaneous Products	--	--	102	1	--	--	-2	--	--	105	15
<b>Total</b>	<b>37,961</b>	<b>575</b>	<b>18,601</b>	<b>12,731</b>	<b>-23,156</b>	<b>-967</b>	<b>983</b>	<b>18,027</b>	<b>80</b>	<b>26,655</b>	<b>48,484</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, propane, normal butane, isobutane, propylene, ethanol, biojiesel, marketable petroleum coke, and asphalt and road oil.

<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.

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-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 Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and 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 18. PAD District 4 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-March 2021**  
(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>66,756</b>	--	--	<b>34,653</b>	<b>-47,072</b>	<b>-4,235</b>	<b>-734</b>	<b>50,836</b>	--	<b>0</b>	<b>23,494</b>
<b>Hydrocarbon Gas Liquids</b>	<b>43,897</b>	<b>-20</b>	<b>537</b>	<b>1,855</b>	<b>-25,243</b>	--	<b>-1,247</b>	<b>1,424</b>	<b>198</b>	<b>20,651</b>	<b>5,245</b>
Natural Gas Liquids	43,897	-20	313	1,855	-25,243	--	-1,148	1,424	198	20,328	5,171
Ethane	12,743	--	--	--	-9,537	--	150	--	--	3,056	1,082
Propane	15,861	--	652	1,488	-7,511	--	-885	--	3	11,372	1,932
Normal Butane	6,117	--	-378	322	-3,243	--	-420	652	1	2,585	942
Isobutane	3,066	--	39	45	-1,829	--	19	428	--	874	455
Natural Gasoline	6,110	-20	--	--	-3,123	--	-12	344	195	2,440	760
Refinery Olefins	--	--	224	--	--	--	-99	--	--	323	74
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	81	--	--	--	1	--	--	80	1
Normal Butylene	--	--	143	--	--	--	-100	--	--	243	73
Isobutylene	--	--	--	--	--	--	0	--	--	0	0
<b>Other Liquids</b>	<b>--</b>	<b>1,654</b>	<b>--</b>	<b>318</b>	<b>2,193</b>	<b>-1,762</b>	<b>865</b>	<b>471</b>	<b>36</b>	<b>1,032</b>	<b>10,499</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	1,654	--	140	1,045	1,174	60	3,241	36	677	487
Hydrogen	--	--	--	--	--	594	--	594	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	1,654	--	140	1,045	580	60	2,647	36	677	487
Fuel Ethanol	--	801	--	--	983	580	-59	2,388	36	0	357
Renewable Fuels Except Fuel Ethanol	--	853	--	140	62	--	119	259	--	677	130
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	25	--	--	709	-1,039	0	355	3,397
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	153	1,148	-2,936	96	-1,731	0	0	6,615
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	153	1,148	-2,936	96	-1,731	0	0	6,615
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>0</b>	<b>53,837</b>	<b>760</b>	<b>-2,223</b>	<b>2,356</b>	<b>697</b>	<b>--</b>	<b>50</b>	<b>53,983</b>	<b>9,246</b>
Finished Motor Gasoline	--	--	26,058	--	-1,079	2,356	-189	--	1	27,523	1,949
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	26,058	--	-1,079	2,356	-189	--	1	27,523	1,949
Finished Aviation Gasoline	--	--	15	6	--	--	2	--	--	19	9
Kerosene-Type Jet Fuel	--	--	2,503	50	1,301	--	-6	--	--	3,860	560
Kerosene	--	--	--	--	--	--	-1	--	--	1	1
Distillate Fuel Oil	--	0	16,849	568	-231	--	-131	--	--	17,317	3,984
15 ppm sulfur and under	--	0	16,631	568	-231	--	-216	--	--	17,184	3,708
Greater than 15 ppm to 500 ppm sulfur	--	--	188	--	--	--	55	--	--	133	208
Greater than 500 ppm sulfur	--	--	30	--	--	--	30	--	--	0	68
Residual Fuel Oil	--	--	1,024	--	--	--	37	--	12	975	216
Less than 0.31 percent sulfur	--	--	573	--	--	--	0	--	NA	NA	23
0.31 to 1.00 percent sulfur	--	--	48	--	--	--	4	--	NA	NA	8
Greater than 1.00 percent sulfur	--	--	403	--	--	--	33	--	NA	NA	185
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	34	-34	--
Waxes	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	1,848	--	-790	--	-50	--	0	1,107	146
Marketable	--	--	1,259	--	-790	--	-50	--	0	518	146
Catalyst	--	--	589	--	--	--	--	--	--	589	--
Asphalt and Road Oil	--	--	3,449	133	-1,424	--	1,036	--	2	1,120	2,366
Still Gas	--	--	1,797	--	--	--	--	--	--	1,797	--
Miscellaneous Products	--	--	294	3	--	--	-1	--	--	298	15
<b>Total</b>	<b>110,653</b>	<b>1,634</b>	<b>54,374</b>	<b>37,586</b>	<b>-72,345</b>	<b>-3,641</b>	<b>-419</b>	<b>52,731</b>	<b>283</b>	<b>75,666</b>	<b>48,484</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, propane, normal butane, isobutane, propylene, ethanol, bioiesel, marketable petroleum coke, and asphalt and road oil.

<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.

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-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 Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and 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 19. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, March 2021**  
(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>735</b>	<b>--</b>	<b>--</b>	<b>380</b>	<b>-495</b>	<b>-37</b>	<b>26</b>	<b>557</b>	<b>-</b>	<b>0</b>
<b>Hydrocarbon Gas Liquids</b>	<b>489</b>	<b>0</b>	<b>14</b>	<b>15</b>	<b>-264</b>	<b>--</b>	<b>-2</b>	<b>13</b>	<b>2</b>	<b>242</b>
Natural Gas Liquids	489	0	10	15	-264	--	-1	13	2	236
Ethane	142	--	--	--	-101	--	1	--	--	40
Propane	178	--	8	13	-78	--	-3	--	0	124
Normal Butane	68	--	0	2	-33	--	1	6	--	31
Isobutane	34	--	1	0	-20	--	1	4	--	12
Natural Gasoline	68	0	--	--	-32	--	0	4	2	30
Refinery Olefins	--	--	4	--	--	--	-1	--	--	5
Ethylene	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	1	--	--	--	0	--	--	1
Normal Butylene	--	--	3	--	--	--	-1	--	--	4
Isobutylene	--	--	--	--	--	--	0	--	--	0
<b>Other Liquids</b>	<b>--</b>	<b>19</b>	<b>--</b>	<b>6</b>	<b>36</b>	<b>-23</b>	<b>10</b>	<b>11</b>	<b>0</b>	<b>17</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	19	--	3	14	12	1	37	--	9
Hydrogen	--	--	--	--	--	6	--	6	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	19	--	3	14	6	1	31	--	9
Fuel Ethanol	--	9	--	--	13	6	0	28	--	0
Renewable Fuels Except Fuel Ethanol	--	9	--	3	1	--	1	3	--	9
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	1	--	--	17	-23	0	8
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	2	23	-34	-8	-2	0	0
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	2	23	-34	-8	-2	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>0</b>	<b>586</b>	<b>10</b>	<b>-25</b>	<b>29</b>	<b>-2</b>	<b>--</b>	<b>1</b>	<b>601</b>
Finished Motor Gasoline	--	--	297	--	-13	29	-1	--	0	315
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	297	--	-13	29	-1	--	0	315
Finished Aviation Gasoline	--	--	0	0	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	28	0	15	--	-1	--	--	44
Kerosene	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	0	172	8	2	--	-5	--	--	188
15 ppm sulfur and under	--	0	168	8	2	--	-9	--	--	187
Greater than 15 ppm to 500 ppm sulfur	--	--	3	--	--	--	2	--	--	1
Greater than 500 ppm sulfur	--	--	1	--	--	--	1	--	--	0
Residual Fuel Oil	--	--	12	--	--	--	0	--	0	11
Less than 0.31 percent sulfur	--	--	7	--	--	--	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	--	--	20	--	-11	--	-2	--	--	11
Marketable	--	--	14	--	-11	--	-2	--	--	5
Catalyst	--	--	6	--	--	--	--	--	--	6
Asphalt and Road Oil	--	--	34	1	-19	--	7	--	0	10
Still Gas	--	--	20	--	--	--	--	--	--	20
Miscellaneous Products	--	--	3	0	--	--	0	--	--	3
<b>Total</b>	<b>1,225</b>	<b>19</b>	<b>600</b>	<b>411</b>	<b>-747</b>	<b>-31</b>	<b>32</b>	<b>582</b>	<b>3</b>	<b>860</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 shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

<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.

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-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 Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and 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 20. PAD District 4 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-March 2021**  
(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>742</b>	--	--	<b>385</b>	<b>-523</b>	<b>-47</b>	<b>-8</b>	<b>565</b>	--	<b>0</b>
<b>Hydrocarbon Gas Liquids</b>	<b>488</b>	<b>0</b>	<b>6</b>	<b>21</b>	<b>-280</b>	--	<b>-14</b>	<b>16</b>	<b>2</b>	<b>229</b>
Natural Gas Liquids	488	0	3	21	-280	--	-13	16	2	226
Ethane	142	--	--	--	-106	--	2	--	--	34
Propane	176	--	7	17	-83	--	-10	--	0	126
Normal Butane	68	--	-4	4	-36	--	-5	7	0	29
Isobutane	34	--	0	1	-20	--	0	5	--	10
Natural Gasoline	68	0	--	--	-35	--	0	4	2	27
Refinery Olefins	--	--	2	--	--	--	-1	--	--	4
Ethylene	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	1	--	--	--	0	--	--	1
Normal Butylene	--	--	2	--	--	--	-1	--	--	3
Isobutylene	--	--	--	--	--	--	0	--	--	0
<b>Other Liquids</b>	<b>--</b>	<b>18</b>	<b>--</b>	<b>4</b>	<b>24</b>	<b>-20</b>	<b>10</b>	<b>5</b>	<b>0</b>	<b>11</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	18	--	2	12	13	1	36	0	8
Hydrogen	--	--	--	--	--	7	--	7	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	18	--	2	12	6	1	29	0	8
Fuel Ethanol	--	9	--	--	11	6	-1	27	0	0
Renewable Fuels Except Fuel Ethanol	--	9	--	2	1	--	1	3	--	8
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	0	--	--	8	-12	0	4
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	2	13	-33	1	-19	0	0
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	2	13	-33	1	-19	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>0</b>	<b>598</b>	<b>8</b>	<b>-25</b>	<b>26</b>	<b>8</b>	<b>--</b>	<b>1</b>	<b>600</b>
Finished Motor Gasoline	--	--	290	--	-12	26	-2	--	0	306
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	290	--	-12	26	-2	--	0	306
Finished Aviation Gasoline	--	--	0	0	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	28	1	14	--	0	--	--	43
Kerosene	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	0	187	6	-3	--	-1	--	--	192
15 ppm sulfur and under	--	0	185	6	-3	--	-2	--	--	191
Greater than 15 ppm to 500 ppm sulfur	--	--	2	--	--	--	1	--	--	1
Greater than 500 ppm sulfur	--	--	0	--	--	--	0	--	--	0
Residual Fuel Oil	--	--	11	--	--	--	0	--	0	11
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	--	--	21	--	-9	--	-1	--	0	12
Marketable	--	--	14	--	-9	--	-1	--	0	6
Catalyst	--	--	7	--	--	--	--	--	--	7
Asphalt and Road Oil	--	--	38	1	-16	--	12	--	0	12
Still Gas	--	--	20	--	--	--	--	--	--	20
Miscellaneous Products	--	--	3	0	--	--	0	--	--	3
<b>Total</b>	<b>1,229</b>	<b>18</b>	<b>604</b>	<b>418</b>	<b>-804</b>	<b>-40</b>	<b>-5</b>	<b>586</b>	<b>3</b>	<b>841</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 shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

<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.

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-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 Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and 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 21. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, March 2021**  
(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>25,742</b>	--	--	<b>27,847</b>	<b>6,128</b>	<b>712</b>	<b>-3,196</b>	<b>62,627</b>	<b>998</b>	<b>0</b>	<b>48,281</b>
<b>Hydrocarbon Gas Liquids</b>	<b>1,978</b>	-4	<b>1,642</b>	<b>1,717</b>	<b>688</b>	--	<b>-535</b>	<b>2,214</b>	<b>1,523</b>	<b>2,819</b>	<b>2,693</b>
Natural Gas Liquids	1,978	-4	1,405	1,717	688	--	-520	2,214	1,523	2,567	2,662
Ethane	--	--	--	--	--	--	--	--	0	0	--
Propane	257	--	990	1,209	337	--	-572	--	1,126	2,239	804
Normal Butane	450	--	328	508	208	--	41	645	388	420	1,428
Isobutane	300	--	87	--	143	--	7	678	1	-156	384
Natural Gasoline	971	-4	--	--	--	--	4	891	7	65	46
Refinery Olefins	--	--	237	--	--	--	-15	--	--	252	31
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	236	--	--	--	-1	--	--	237	14
Normal Butylene	--	--	1	--	--	--	-14	--	--	15	17
Isobutylene	--	--	--	--	--	--	0	--	--	0	0
<b>Other Liquids</b>	<b>--</b>	<b>556</b>	<b>--</b>	<b>3,254</b>	<b>9,047</b>	<b>-313</b>	<b>-259</b>	<b>12,069</b>	<b>528</b>	<b>207</b>	<b>50,766</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	556	--	932	4,439	1,548	-164	6,463	302	874	3,996
Hydrogen	--	--	--	--	--	1,366	--	1,366	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	556	--	932	4,439	182	-164	5,097	302	874	3,996
Fuel Ethanol	--	272	--	--	3,856	182	-351	4,403	257	0	1,817
Renewable Fuels Except Fuel Ethanol	--	285	--	932	584	--	187	694	45	874	2,179
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	1,133	--	--	499	1,253	49	-668	17,791
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	1,189	4,608	-1,862	-594	4,353	177	0	28,979
Reformulated	--	0	--	--	1,911	-60	-312	2,160	3	0	14,454
Conventional	--	0	--	1,189	2,697	-1,802	-283	2,193	174	0	14,524
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>25</b>	<b>79,785</b>	<b>3,347</b>	<b>2,588</b>	<b>1,679</b>	<b>-1,873</b>	<b>--</b>	<b>7,507</b>	<b>81,789</b>	<b>35,201</b>
Finished Motor Gasoline	--	19	44,372	316	167	1,679	-297	--	1,681	45,170	2,374
Reformulated	--	--	30,674	--	--	419	1	--	--	31,092	18
Conventional	--	19	13,698	316	167	1,260	-298	--	1,681	14,077	2,356
Finished Aviation Gasoline	--	--	49	1	--	--	20	--	--	30	361
Kerosene-Type Jet Fuel	--	7	8,177	1,856	285	--	-1,186	--	429	11,082	8,888
Kerosene	--	--	12	--	--	--	-12	--	--	24	13
Distillate Fuel Oil	--	-2	17,007	467	1,335	--	-335	--	2,062	17,080	13,478
15 ppm sulfur and under	--	-2	16,348	467	1,335	--	-426	--	2,008	16,567	12,450
Greater than 15 ppm to 500 ppm sulfur	--	--	355	--	--	--	89	--	51	215	291
Greater than 500 ppm sulfur	--	--	304	--	--	--	2	--	3	299	737
Residual Fuel Oil	--	--	1,745	570	--	--	-199	--	235	2,279	5,521
Less than 0.31 percent sulfur	--	--	134	--	--	--	-329	--	NA	NA	1,774
0.31 to 1.00 percent sulfur	--	--	472	494	--	--	-154	--	NA	NA	407
Greater than 1.00 percent sulfur	--	--	1,139	76	--	--	284	--	NA	NA	3,340
Petrochemical Feedstocks	--	--	--	--	--	--	0	--	--	0	2
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	0	--	--	0	2
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	39	--	--	--	-29	--	--	68	27
Lubricants	--	--	639	7	--	--	7	--	419	220	616
Waxes	--	--	--	70	--	--	--	--	4	66	--
Petroleum Coke	--	--	3,592	--	143	--	-101	--	2,642	1,194	1,168
Marketable	--	--	2,678	--	143	--	-101	--	2,642	280	1,168
Catalyst	--	--	914	--	--	--	--	--	--	914	--
Asphalt and Road Oil	--	--	819	60	657	--	268	--	34	1,234	2,654
Still Gas	--	--	2,979	--	--	--	--	--	--	2,979	--
Miscellaneous Products	--	--	355	--	--	--	-8	--	0	363	100
<b>Total</b>	<b>27,720</b>	<b>577</b>	<b>81,427</b>	<b>36,165</b>	<b>18,451</b>	<b>2,078</b>	<b>-5,863</b>	<b>76,910</b>	<b>10,555</b>	<b>84,815</b>	<b>136,941</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, propane, normal butane, isobutane, propylene, ethanol, biojiesel, marketable petroleum coke, and asphalt and road oil.

<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.

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-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 Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and 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 22. PAD District 5 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-March 2021**  
(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>75,051</b>	--	--	<b>86,456</b>	<b>14,723</b>	<b>1,279</b>	<b>3,115</b>	<b>171,268</b>	<b>3,126</b>	<b>0</b>	<b>48,281</b>
<b>Hydrocarbon Gas Liquids</b>	<b>5,630</b>	<b>-14</b>	<b>1,713</b>	<b>4,982</b>	<b>3,104</b>	--	<b>-1,560</b>	<b>7,043</b>	<b>3,795</b>	<b>6,138</b>	<b>2,693</b>
Natural Gas Liquids	5,630	-14	1,143	4,982	3,104	--	-1,578	7,043	3,795	5,586	2,662
Ethane	1	--	--	--	--	--	--	--	0	1	--
Propane	721	--	2,564	3,398	1,151	--	-1,339	--	2,629	6,544	804
Normal Butane	1,284	--	-1,416	1,584	1,318	--	-258	2,522	1,144	-638	1,428
Isobutane	847	--	-5	--	635	--	12	1,950	2	-487	384
Natural Gasoline	2,777	-14	--	--	--	--	7	2,571	20	165	46
Refinery Olefins	--	--	570	--	--	--	18	--	--	552	31
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	555	--	--	--	3	--	--	552	14
Normal Butylene	--	--	15	--	--	--	15	--	--	0	17
Isobutylene	--	--	--	--	--	--	0	--	--	0	0
<b>Other Liquids</b>	<b>--</b>	<b>1,533</b>	<b>--</b>	<b>7,688</b>	<b>25,358</b>	<b>-1,116</b>	<b>724</b>	<b>28,430</b>	<b>1,337</b>	<b>2,972</b>	<b>50,766</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	1,533	--	2,577	12,198	3,826	-630	17,475	717	2,572	3,996
Hydrogen	--	--	--	--	--	3,679	--	3,679	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	1,533	--	2,577	12,198	147	-630	13,796	717	2,572	3,996
Fuel Ethanol	--	745	--	--	10,600	147	-1,173	12,030	635	0	1,817
Renewable Fuels Except Fuel Ethanol	--	789	--	2,577	1,597	--	543	1,766	82	2,572	2,179
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	2,440	--	--	778	1,119	143	400	17,791
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	2,671	13,160	-4,942	576	9,836	477	0	28,979
Reformulated	--	0	--	--	5,585	-713	-1,016	5,881	6	0	14,454
Conventional	--	0	--	2,671	7,575	-4,229	1,591	3,955	471	0	14,524
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>92</b>	<b>218,428</b>	<b>13,012</b>	<b>7,205</b>	<b>4,795</b>	<b>-707</b>	<b>--</b>	<b>20,872</b>	<b>223,366</b>	<b>35,201</b>
Finished Motor Gasoline	--	78	120,087	1,061	505	4,795	-623	--	4,800	122,349	2,374
Reformulated	--	--	83,518	--	--	1,279	0	--	--	84,797	18
Conventional	--	78	36,569	1,061	505	3,516	-623	--	4,800	37,552	2,356
Finished Aviation Gasoline	--	--	120	6	--	--	61	--	--	65	361
Kerosene-Type Jet Fuel	--	21	24,375	7,114	758	--	-57	--	923	31,402	8,888
Kerosene	--	--	38	--	--	--	0	--	103	-65	13
Distillate Fuel Oil	--	-8	45,357	1,847	4,180	--	-1,099	--	5,237	47,239	13,478
15 ppm sulfur and under	--	-8	43,562	1,534	4,180	--	-1,131	--	4,987	45,413	12,450
Greater than 15 ppm to 500 ppm sulfur	--	--	833	313	--	--	77	--	243	826	291
Greater than 500 ppm sulfur	--	--	962	--	--	--	-45	--	7	1,000	737
Residual Fuel Oil	--	--	5,844	2,525	--	--	776	--	1,309	6,284	5,521
Less than 0.31 percent sulfur	--	--	157	--	--	--	922	--	NA	NA	1,774
0.31 to 1.00 percent sulfur	--	--	1,736	1,469	--	--	-115	--	NA	NA	407
Greater than 1.00 percent sulfur	--	--	3,951	1,056	--	--	-31	--	NA	NA	3,340
Petrochemical Feedstocks	--	--	--	44	--	--	0	--	--	44	2
Naphtha for Petro. Feed. Use	--	--	--	44	--	--	0	--	--	44	2
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	106	--	--	--	-21	--	--	127	27
Lubricants	--	--	1,296	70	-192	--	-278	--	1,090	362	616
Waxes	--	--	--	99	--	--	--	--	12	87	--
Petroleum Coke	--	--	10,057	--	523	--	-48	--	7,316	3,312	1,168
Marketable	--	--	7,627	--	523	--	-48	--	7,316	882	1,168
Catalyst	--	--	2,430	--	--	--	--	--	--	2,430	--
Asphalt and Road Oil	--	--	1,811	246	1,431	--	568	--	82	2,838	2,654
Still Gas	--	--	8,363	--	--	--	--	--	--	8,363	--
Miscellaneous Products	--	--	974	--	--	--	15	--	1	958	100
<b>Total</b>	<b>80,681</b>	<b>1,611</b>	<b>220,141</b>	<b>112,138</b>	<b>50,390</b>	<b>4,958</b>	<b>1,572</b>	<b>206,741</b>	<b>29,130</b>	<b>232,476</b>	<b>136,941</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, propane, normal butane, isobutane, propylene, ethanol, bioiesel, marketable petroleum coke, and asphalt and road oil.

<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.

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-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 Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and 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 23. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, March 2021**  
(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>830</b>	<b>--</b>	<b>--</b>	<b>898</b>	<b>198</b>	<b>23</b>	<b>-103</b>	<b>2,020</b>	<b>32</b>	<b>0</b>
<b>Hydrocarbon Gas Liquids</b>	<b>64</b>	<b>0</b>	<b>53</b>	<b>55</b>	<b>22</b>	<b>--</b>	<b>-17</b>	<b>71</b>	<b>49</b>	<b>91</b>
Natural Gas Liquids	64	0	45	55	22	--	-17	71	49	83
Ethane	--	--	--	--	--	--	--	--	0	0
Propane	8	--	32	39	11	--	-18	--	36	72
Normal Butane	15	--	11	16	7	--	1	21	13	14
Isobutane	10	--	3	--	5	--	0	22	0	-5
Natural Gasoline	31	0	--	--	--	--	0	29	0	2
Refinery Olefins	--	--	8	--	--	--	0	--	--	8
Ethylene	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	8	--	--	--	0	--	--	8
Normal Butylene	--	--	0	--	--	--	0	--	--	0
Isobutylene	--	--	--	--	--	--	0	--	--	0
<b>Other Liquids</b>	<b>--</b>	<b>18</b>	<b>--</b>	<b>105</b>	<b>292</b>	<b>-10</b>	<b>-8</b>	<b>389</b>	<b>17</b>	<b>7</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	18	--	30	143	50	-5	208	10	28
Hydrogen	--	--	--	--	--	44	--	44	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	18	--	30	143	6	-5	164	10	28
Fuel Ethanol	--	9	--	--	124	6	-11	142	8	0
Renewable Fuels Except Fuel Ethanol	--	9	--	30	19	--	6	22	1	28
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	37	--	--	16	40	2	-22
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	38	149	-60	-19	140	6	0
Reformulated	--	0	--	--	62	-2	-10	70	0	0
Conventional	--	0	--	38	87	-58	-9	71	6	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>1</b>	<b>2,574</b>	<b>108</b>	<b>83</b>	<b>54</b>	<b>-60</b>	<b>--</b>	<b>242</b>	<b>2,638</b>
Finished Motor Gasoline	--	1	1,431	10	5	54	-10	--	54	1,457
Reformulated	--	--	989	--	--	14	0	--	--	1,003
Conventional	--	1	442	10	5	41	-10	--	54	454
Finished Aviation Gasoline	--	--	2	0	--	--	1	--	--	1
Kerosene-Type Jet Fuel	--	0	264	60	9	--	-38	--	14	357
Kerosene	--	--	0	--	--	--	0	--	--	1
Distillate Fuel Oil	--	0	549	15	43	--	-11	--	67	551
15 ppm sulfur and under	--	0	527	15	43	--	-14	--	65	534
Greater than 15 ppm to 500 ppm sulfur	--	--	11	--	--	--	3	--	2	7
Greater than 500 ppm sulfur	--	--	10	--	--	--	0	--	0	10
Residual Fuel Oil	--	--	56	18	--	--	-6	--	8	74
Less than 0.31 percent sulfur	--	--	4	--	--	--	-11	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	15	16	--	--	-5	--	NA	NA
Greater than 1.00 percent sulfur	--	--	37	2	--	--	9	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	0	--	--	0
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	0	--	--	0
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	1	--	--	--	-1	--	--	2
Lubricants	--	--	21	0	--	--	0	--	14	7
Waxes	--	--	--	2	--	--	--	--	0	2
Petroleum Coke	--	--	116	--	5	--	-3	--	85	39
Marketable	--	--	86	--	5	--	-3	--	85	9
Catalyst	--	--	29	--	--	--	--	--	--	29
Asphalt and Road Oil	--	--	26	2	21	--	9	--	1	40
Still Gas	--	--	96	--	--	--	--	--	--	96
Miscellaneous Products	--	--	11	--	--	--	0	--	0	12
<b>Total</b>	<b>894</b>	<b>19</b>	<b>2,627</b>	<b>1,167</b>	<b>595</b>	<b>67</b>	<b>-189</b>	<b>2,481</b>	<b>340</b>	<b>2,736</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 shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

<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.

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-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 Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and 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 24. PAD District 5 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-March 2021**  
(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>834</b>	<b>--</b>	<b>--</b>	<b>961</b>	<b>164</b>	<b>14</b>	<b>35</b>	<b>1,903</b>	<b>35</b>	<b>0</b>
<b>Hydrocarbon Gas Liquids</b>	<b>63</b>	<b>0</b>	<b>19</b>	<b>55</b>	<b>34</b>	<b>--</b>	<b>-17</b>	<b>78</b>	<b>42</b>	<b>68</b>
Natural Gas Liquids	63	0	13	55	34	--	-18	78	42	62
Ethane	0	--	--	--	--	--	--	--	0	0
Propane	8	--	28	38	13	--	-15	--	29	73
Normal Butane	14	--	-16	18	15	--	-3	28	13	-7
Isobutane	9	--	0	--	7	--	0	22	0	-5
Natural Gasoline	31	0	--	--	--	--	0	29	0	2
Refinery Olefins	--	--	6	--	--	--	0	--	--	6
Ethylene	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	6	--	--	--	0	--	--	6
Normal Butylene	--	--	0	--	--	--	0	--	--	0
Isobutylene	--	--	--	--	--	--	0	--	--	0
<b>Other Liquids</b>	<b>--</b>	<b>17</b>	<b>--</b>	<b>85</b>	<b>282</b>	<b>-12</b>	<b>8</b>	<b>316</b>	<b>15</b>	<b>33</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	17	--	29	136	43	-7	194	8	29
Hydrogen	--	--	--	--	--	41	--	41	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	17	--	29	136	2	-7	153	8	29
Fuel Ethanol	--	8	--	--	118	2	-13	134	7	0
Renewable Fuels Except Fuel Ethanol	--	9	--	29	18	--	6	20	1	29
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	27	--	--	9	12	2	4
Motor Gasoline Blend Comp. (MGBC)	--	0	--	30	146	-55	6	109	5	0
Reformulated	--	0	--	--	62	-8	-11	65	0	0
Conventional	--	0	--	30	84	-47	18	44	5	0
Aviation Gasoline Blend Comp.	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>1</b>	<b>2,427</b>	<b>145</b>	<b>80</b>	<b>53</b>	<b>-8</b>	<b>--</b>	<b>232</b>	<b>2,482</b>
Finished Motor Gasoline	--	1	1,334	12	6	53	-7	--	53	1,359
Reformulated	--	--	928	--	--	14	0	--	--	942
Conventional	--	1	406	12	6	39	-7	--	53	417
Finished Aviation Gasoline	--	--	1	0	--	--	1	--	--	1
Kerosene-Type Jet Fuel	--	0	271	79	8	--	-1	--	10	349
Kerosene	--	--	0	--	--	--	0	--	1	-1
Distillate Fuel Oil	--	0	504	21	46	--	-12	--	58	525
15 ppm sulfur and under	--	0	484	17	46	--	-13	--	55	505
Greater than 15 ppm to 500 ppm sulfur	--	--	9	3	--	--	1	--	3	9
Greater than 500 ppm sulfur	--	--	11	--	--	--	-1	--	0	11
Residual Fuel Oil	--	--	65	28	--	--	9	--	15	70
Less than 0.31 percent sulfur	--	--	2	--	--	--	10	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	19	16	--	--	-1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	44	12	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	0	--	--	0	--	--	0
Naphtha for Petro. Feed. Use	--	--	--	0	--	--	0	--	--	0
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	1	--	--	--	0	--	--	1
Lubricants	--	--	14	1	-2	--	-3	--	12	4
Waxes	--	--	--	1	--	--	--	--	0	1
Petroleum Coke	--	--	112	--	6	--	-1	--	81	37
Marketable	--	--	85	--	6	--	-1	--	81	10
Catalyst	--	--	27	--	--	--	--	--	--	27
Asphalt and Road Oil	--	--	20	3	16	--	6	--	1	32
Still Gas	--	--	93	--	--	--	--	--	--	93
Miscellaneous Products	--	--	11	--	--	--	0	--	0	11
<b>Total</b>	<b>896</b>	<b>18</b>	<b>2,446</b>	<b>1,246</b>	<b>560</b>	<b>55</b>	<b>17</b>	<b>2,297</b>	<b>324</b>	<b>2,583</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, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

<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.

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-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 Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and 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 25. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, March 2021**  
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
<b>Supply</b>							
Field Production .....	2,433	49,932	245,813	22,793	25,742	346,712	11,184
Alaskan .....	--	--	--	--	--	14,052	453
Lower 48 States .....	--	--	--	--	--	332,660	10,731
Imports (PAD District of Entry) .....	15,706	89,302	34,768	11,774	27,847	179,397	5,787
Commercial .....	15,706	89,302	34,768	11,774	27,847	179,397	5,787
Strategic Petroleum Reserve (SPR) .....	--	--	--	--	--	--	--
Net Receipts .....	3,258	-28,667	34,620	-15,339	6,128	--	--
Adjustments <sup>1</sup> .....	1,211	-1,413	12,399	-1,153	712	11,756	379
<b>Disposition</b>							
Stock Change <sup>2</sup> .....	923	-7,026	17,243	804	-3,196	8,748	282
Commercial .....	--	--	17,242	--	--	8,747	282
SPR .....	--	--	1	--	--	1	0
Refinery Inputs .....	20,986	112,124	232,866	17,271	62,627	445,874	14,383
Exports .....	698	4,056	77,491	--	998	83,243	2,685
<b>Ending Stocks</b>							
Total .....	8,542	127,464	931,895	23,494	48,281	1,139,676	--
Commercial .....	8,542	127,464	294,121	23,494	48,281	501,902	--
Refinery .....	5,462	12,845	51,057	2,514	19,922	91,800	--
Tank Farms and Pipelines .....	3,080	114,619	243,064	20,980	24,811	406,554	--
Cushing, Oklahoma .....	--	46,467	--	--	--	46,467	--
Lease .....	--	--	--	--	--	--	--
Alaskan Crude Oil In-Transit by Water .....	--	--	--	--	3,548	3,548	--
SPR .....	--	--	637,774	--	--	637,774	--
<b>SPR Stocks</b>							
Percent of Total Crude Oil Stocks (Percent) .....	--	--	--	--	--	56.0	--
Percent of Total Petroleum Stocks (Percent) .....	--	--	--	--	--	32.9	--
Days of Total Petroleum Net Imports (Days) .....	--	--	--	--	--	1,047	--
<b>SPR Receipts Detail</b>							
Receipts .....	--	--	--	--	--	--	--
Domestic .....	--	--	--	--	--	--	--
Imports .....	--	--	--	--	--	--	--
Imported by SPR .....	--	--	--	--	--	--	--
Imported for SPR by Others .....	--	--	--	--	--	--	--
<b>Imports</b>							
PAD District of Entry .....	15,706	89,302	34,768	11,774	27,847	179,397	5,787
PAD District of Processing .....	16,564	83,751	41,696	9,026	28,360	179,397	5,787

-- = 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 and 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 26. Production of Crude Oil by PAD District and State, March 2021**  
(Thousand Barrels)

PAD District and State	March 2021		January-March 2021	
	Total	Daily Average	Total	Daily Average
<b>PAD District 1</b> .....	<b>2,433</b>	<b>78</b>	<b>6,834</b>	<b>76</b>
Florida .....	138	4	404	4
New York .....	23	1	68	1
Pennsylvania .....	601	19	1,648	18
Virginia .....	0	0	1	0
West Virginia .....	1,670	54	4,714	52
<b>PAD District 2</b> .....	<b>49,932</b>	<b>1,611</b>	<b>144,361</b>	<b>1,604</b>
Illinois .....	639	21	1,681	19
Indiana .....	125	4	331	4
Kansas .....	2,381	77	6,607	73
Kentucky .....	154	5	464	5
Michigan .....	378	12	1,110	12
Missouri .....	3	0	10	0
Nebraska .....	149	5	409	5
North Dakota .....	31,836	1,027	94,099	1,046
Ohio .....	1,648	53	4,962	55
Oklahoma .....	12,510	404	34,387	382
South Dakota .....	89	3	257	3
Tennessee .....	18	1	43	0
<b>PAD District 3</b> .....	<b>245,813</b>	<b>7,929</b>	<b>670,365</b>	<b>7,449</b>
Alabama .....	378	12	1,071	12
Arkansas .....	359	12	986	11
Louisiana .....	3,038	98	8,609	96
Mississippi .....	1,168	38	3,313	37
New Mexico .....	35,819	1,155	97,062	1,078
Texas .....	147,093	4,745	396,707	4,408
Federal Offshore PAD District 3 .....	57,957	1,870	162,618	1,807
<b>PAD District 4</b> .....	<b>22,793</b>	<b>735</b>	<b>66,756</b>	<b>742</b>
Colorado .....	11,405	368	33,492	372
Idaho .....	3	0	7	0
Montana .....	1,618	52	4,712	52
Utah .....	2,831	91	8,030	89
Wyoming .....	6,937	224	20,514	228
<b>PAD District 5</b> .....	<b>25,742</b>	<b>830</b>	<b>75,051</b>	<b>834</b>
Alaska .....	14,052	453	41,046	456
South Alaska .....	326	11	973	11
North Slope .....	13,726	443	40,072	445
Arizona .....	0	0	1	0
California .....	11,290	364	32,854	365
Nevada .....	18	1	47	1
Federal Offshore PAD District 5 .....	381	12	1,103	12
<b>U.S. Total</b> .....	<b>346,712</b>	<b>11,184</b>	<b>963,368</b>	<b>10,704</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 (<http://www.eia.gov/todayinenergy/detail.cfm?id=22012>) 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 and Lease Condensate, and Natural Gas Production Report," state government agencies, U.S. Department of the Interior, and the Bureau of Ocean Energy Management.

**Table 27. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, March 2021**  
(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>13</b>	<b>19,336</b>	<b>19,349</b>	<b>5,094</b>	<b>10,709</b>	<b>16,013</b>	<b>31,816</b>
Natural Gas Liquids .....	13	19,336	19,349	5,094	10,709	16,013	31,816
Ethane .....	-	7,705	7,705	1,873	2,343	7,326	11,542
Propane .....	5	6,735	6,740	2,110	4,286	4,827	11,223
Normal Butane .....	8	2,117	2,125	390	1,805	1,507	3,702
Isobutane .....	-	894	894	436	591	887	1,914
Natural Gasoline .....	-	1,885	1,885	285	1,684	1,466	3,435

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>71,037</b>	<b>4,166</b>	<b>6,126</b>	<b>534</b>	<b>8,416</b>	<b>90,279</b>	<b>15,168</b>	<b>1,978</b>	<b>158,590</b>
Natural Gas Liquids .....	71,037	4,166	6,126	534	8,416	90,279	15,168	1,978	158,590
Ethane .....	29,958	1,975	2,534	146	3,136	37,749	4,388	-	61,384
Propane .....	22,542	1,235	1,983	150	2,844	28,754	5,513	257	52,487
Normal Butane .....	7,266	-2,046	682	60	946	6,908	2,103	450	15,288
Isobutane .....	4,371	2,684	379	52	580	8,066	1,067	300	12,241
Natural Gasoline .....	6,900	318	548	126	910	8,802	2,097	971	17,190

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>240</b>	<b>246</b>	<b>673</b>	<b>146</b>	<b>466</b>	<b>1,285</b>
Natural Gas Liquids .....	6	240	246	673	146	466	1,285
Ethane .....	-	-	-	32	1	136	169
Propane .....	2	128	130	365	64	127	556
Normal Butane .....	4	37	41	58	35	52	145
Isobutane .....	-	10	10	108	10	44	162
Natural Gasoline .....	-	65	65	110	36	107	253

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>179</b>	<b>359</b>	<b>463</b>	<b>8</b>	<b>1</b>	<b>1,010</b>	<b>198</b>	<b>186</b>	<b>2,925</b>
Natural Gas Liquids .....	179	359	463	8	1	1,010	198	186	2,925
Ethane .....	22	13	52	-	-	87	6	-	262
Propane .....	46	43	72	3	-	164	98	56	1,004
Normal Butane .....	27	31	74	3	-	135	37	62	420
Isobutane .....	28	11	28	-	-	67	12	26	277
Natural Gasoline .....	56	261	237	2	1	557	45	42	962

- = 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 28. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, March 2021**  
(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>18,021</b>	<b>2,965</b>	<b>20,986</b>	<b>73,606</b>	<b>15,409</b>	<b>23,109</b>	<b>112,124</b>
<b>Hydrocarbon Gas Liquids</b> .....	<b>1,220</b>	<b>-</b>	<b>1,220</b>	<b>1,331</b>	<b>168</b>	<b>957</b>	<b>2,456</b>
Natural Gas Liquids .....	1,220	-	1,220	1,331	168	957	2,456
Normal Butane .....	849	-	849	178	88	247	513
Isobutane .....	126	-	126	1,038	74	353	1,465
Natural Gasoline .....	245	-	245	115	6	357	478
<b>Other Liquids</b> .....	<b>77,369</b>	<b>5,688</b>	<b>83,057</b>	<b>9,001</b>	<b>1,962</b>	<b>3,510</b>	<b>14,473</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	9,304	773	10,077	5,583	1,371	1,773	8,727
Hydrogen .....	27	9	36	714	296	191	1,201
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	--	--	--
Methyl Tertiary Butyl Ether (MTBE) .....	--	--	--	--	--	--	--
All Other Oxygenates <sup>1</sup> .....	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol) .....	9,277	764	10,041	4,865	1,075	1,582	7,522
Fuel Ethanol .....	9,002	689	9,691	4,623	1,003	1,521	7,147
Renewable Diesel Fuel <sup>2</sup> .....	275	75	350	242	72	61	375
Other Renewable Fuels .....	-	-	-	-	-	-	-
Other Hydrocarbons .....	-	-	-	4	-	-	4
Unfinished Oils (net) .....	1,206	-221	985	539	-359	-683	-503
Naphthas and Lighter .....	119	-111	8	462	-37	-569	-144
Kerosene and Light Gas Oils .....	89	-	89	-154	-64	15	-203
Heavy Gas Oils .....	802	-100	702	392	-258	311	445
Residuum .....	196	-10	186	-161	-	-440	-601
Motor Gasoline Blend.Comp. (MGBC)(net) .....	66,859	5,136	71,995	2,879	950	2,420	6,249
Reformulated - RBOB .....	15,373	-	15,373	-400	1,163	845	1,608
Conventional .....	51,486	5,136	56,622	3,279	-213	1,575	4,641
CBOB .....	42,023	5,136	47,159	4,324	-258	1,578	5,644
GTAB .....	3,283	-	3,283	-	-	-	-
Other .....	6,180	0	6,180	-1,045	45	-3	-1,003
Aviation Gasoline Blend. Comp. (net) .....	-	-	-	-	-	-	-
<b>Total Input</b> .....	<b>96,610</b>	<b>8,653</b>	<b>105,263</b>	<b>83,938</b>	<b>17,539</b>	<b>27,576</b>	<b>129,053</b>

See footnotes at end of table.

**Table 28. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, March 2021**  
(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>18,208</b>	<b>113,650</b>	<b>93,447</b>	<b>4,445</b>	<b>3,116</b>	<b>232,866</b>	<b>17,271</b>	<b>62,627</b>	<b>445,874</b>
<b>Hydrocarbon Gas Liquids</b> .....	<b>477</b>	<b>5,100</b>	<b>3,868</b>	<b>63</b>	<b>146</b>	<b>9,654</b>	<b>405</b>	<b>2,214</b>	<b>15,949</b>
Natural Gas Liquids .....	477	5,100	3,868	63	146	9,654	405	2,214	15,949
Normal Butane .....	173	1,470	1,290	58	—	2,991	176	645	5,174
Isobutane .....	262	1,094	1,676	—	146	3,178	114	678	5,561
Natural Gasoline .....	42	2,536	902	5	—	3,485	115	891	5,214
<b>Other Liquids</b> .....	<b>10,850</b>	<b>-39,476</b>	<b>-25,248</b>	<b>8,122</b>	<b>-62</b>	<b>-45,814</b>	<b>351</b>	<b>12,069</b>	<b>64,136</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	2,157	2,684	1,976	1,086	208	8,111	1,138	6,463	34,516
Hydrogen .....	5	1,721	1,345	66	36	3,173	186	1,366	5,962
Oxygenates (excluding Fuel Ethanol) .....	—	—	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE) .....	—	—	—	—	—	—	—	—	—
All Other Oxygenates <sup>1</sup> .....	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	2,152	963	631	1,020	172	4,938	952	5,097	28,550
Fuel Ethanol .....	2,043	848	510	980	145	4,526	860	4,403	26,627
Renewable Diesel Fuel <sup>2</sup> .....	109	111	56	40	27	343	32	694	1,794
Other Renewable Fuels .....	—	4	65	—	—	69	60	—	129
Other Hydrocarbons .....	—	—	—	—	—	—	—	—	4
Unfinished Oils (net) .....	55	-9,752	7,298	22	188	-2,189	-727	1,253	-1,181
Naphthas and Lighter .....	-365	-7,244	-1,272	29	81	-8,771	-84	252	-8,739
Kerosene and Light Gas Oils .....	126	-2,232	661	38	-6	-1,413	-548	-495	-2,570
Heavy Gas Oils .....	182	-524	4,141	50	113	3,962	-74	1,282	6,317
Residuum .....	112	248	3,768	-95	—	4,033	-21	214	3,811
Motor Gasoline Blend.Comp. (MGBC)(net) .....	8,625	-32,408	-34,527	7,014	-458	-51,754	-60	4,353	30,783
Reformulated - RBOB .....	5,749	-4,666	-2,113	8	-778	-1,800	—	2,160	17,341
Conventional .....	2,876	-27,742	-32,414	7,006	320	-49,954	-60	2,193	13,442
CBOB .....	2,712	-27,433	-33,272	7,029	326	-50,638	-359	1,344	3,150
GTAB .....	—	—	—	—	—	—	—	—	3,283
Other .....	164	-309	858	-23	-6	684	299	849	7,009
Aviation Gasoline Blend. Comp. (net) .....	13	—	5	—	—	18	—	—	18
<b>Total Input</b> .....	<b>29,535</b>	<b>79,274</b>	<b>72,067</b>	<b>12,630</b>	<b>3,200</b>	<b>196,706</b>	<b>18,027</b>	<b>76,910</b>	<b>525,959</b>

-- = Not Applicable.

- = 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).

<sup>2</sup> Renewable diesel fuel includes biodiesel and other renewable diesel.

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 Report."

**Table 29. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, March 2021**  
(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 .....	394	10	404	2,579	221	705	3,505
Natural Gas Liquids .....	-84	10	-74	1,604	41	466	2,111
Ethane .....	-	-	-	-	-	-	-
Propane .....	443	23	466	1,385	266	466	2,117
Normal Butane .....	-433	-1	-434	122	-153	17	-14
Isobutane .....	-94	-12	-106	97	-72	-17	8
Natural Gasoline .....	-	-	-	-	-	-	-
Refinery Olefins .....	478	-	478	975	180	239	1,394
Ethylene .....	8	-	8	-	-	-	-
Propylene .....	433	-	433	963	180	193	1,336
Normal Butylene .....	2	-	2	12	-	46	58
Isobutylene .....	35	-	35	-	-	-	-
Finished Motor Gasoline .....	87,454	6,850	94,304	48,626	9,784	16,044	74,454
Reformulated .....	34,820	28	34,848	7,580	1,427	944	9,951
Reformulated Blended with Fuel Ethanol .....	34,820	28	34,848	7,580	1,427	944	9,951
Reformulated Other .....	-	-	-	-	-	-	-
Conventional .....	52,634	6,822	59,456	41,046	8,357	15,100	64,503
Conventional Blended with Fuel Ethanol .....	54,559	6,855	61,414	38,219	8,289	13,756	60,264
Ed55 and Lower .....	54,513	6,855	61,368	38,210	8,262	13,670	60,142
Greater than Ed55 .....	46	-	46	9	27	86	122
Conventional Other .....	-1,925	-33	-1,958	2,827	68	1,344	4,239
Finished Aviation Gasoline .....	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel .....	1,415	-2	1,413	4,847	668	672	6,187
Kerosene .....	43	2	45	-27	-	14	-13
Distillate Fuel Oil .....	5,239	825	6,064	20,364	4,930	9,167	34,461
15 ppm sulfur and under .....	5,306	806	6,112	20,220	4,978	9,329	34,527
Greater than 15 ppm to 500 ppm sulfur .....	51	-4	47	64	-	96	160
Greater than 500 ppm sulfur .....	-118	23	-95	80	-48	-258	-226
Residual Fuel Oil .....	1,227	4	1,231	806	209	114	1,129
Less than 0.31 percent sulfur .....	-13	3	-10	107	-	1	108
0.31 to 1.00 percent sulfur .....	857	1	858	303	64	20	387
Greater than 1.00 percent sulfur .....	383	-	383	396	145	93	634
Petrochemical Feedstocks .....	-	-	-	897	-	4	901
Naphtha for Petro. Feed. Use .....	-	-	-	516	-	-	516
Other Oils for Petro. Feed. Use .....	-	-	-	381	-	4	385
Special Naphthas .....	-	17	17	-35	-	18	-17
Lubricants .....	174	204	378	-	-	37	37
Waxes .....	-	-13	-13	-	-	7	7
Petroleum Coke .....	615	17	632	3,936	940	725	5,601
Marketable .....	222	-	222	2,888	770	509	4,167
Catalyst .....	393	17	410	1,048	170	216	1,434
Asphalt and Road Oil .....	317	631	948	3,769	1,260	200	5,229
Still Gas .....	815	41	856	2,700	593	977	4,270
Miscellaneous Products .....	38	53	91	320	119	47	486
<b>Total .....</b>	<b>97,731</b>	<b>8,635</b>	<b>106,366</b>	<b>88,782</b>	<b>18,724</b>	<b>28,731</b>	<b>136,237</b>
Processing Gain(-) or Loss(+) <sup>1</sup> .....	<b>-1,121</b>	<b>18</b>	<b>-1,103</b>	<b>-4,844</b>	<b>-1,185</b>	<b>-1,155</b>	<b>-7,184</b>

See footnotes at end of table.

**Table 29. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, March 2021**  
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						Total	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					
Hydrocarbon Gas Liquids .....	588	5,670	6,127	6	37	12,428	444	1,642	18,423	
Natural Gas Liquids .....	186	3,012	3,151	6	37	6,392	305	1,405	10,139	
Ethane .....	2	84	21	-	-	107	-	-	107	
Propane .....	207	1,767	2,554	5	39	4,572	248	990	8,393	
Normal Butane .....	2	1,372	262	1	-2	1,635	13	328	1,528	
Isobutane .....	-25	-211	314	-	-	78	44	87	111	
Natural Gasoline .....	-	-	-	-	-	-	-	-	-	
Refinery Olefins .....	402	2,658	2,976	-	-	6,036	139	237	8,284	
Ethylene .....	-	9	-	-	-	9	-	-	17	
Propylene .....	408	2,774	3,072	-	-	6,254	35	236	8,294	
Normal Butylene .....	-6	-89	-96	-	-	-191	104	1	-26	
Isobutylene .....	-	-36	-	-	-	-36	-	-	-1	
Finished Motor Gasoline .....	20,416	19,872	14,595	8,980	1,579	65,442	9,215	44,372	287,787	
Reformulated .....	7,138	6,340	-	-	-	13,478	-	30,674	88,951	
Reformulated Blended with Fuel Ethanol .....	7,138	6,340	-	-	-	13,478	-	30,674	88,951	
Reformulated Other .....	-	-	-	-	-	-	-	-	-	
Conventional .....	13,278	13,532	14,595	8,980	1,579	51,964	9,215	13,698	198,836	
Conventional Blended with Fuel Ethanol .....	13,136	2,081	5,079	9,763	1,481	31,540	8,572	13,570	175,360	
Ed55 and Lower .....	13,125	2,080	5,079	9,752	1,480	31,516	8,558	13,567	175,151	
Greater than Ed55 .....	11	1	-	11	1	24	14	3	209	
Conventional Other .....	142	11,451	9,516	-783	98	20,424	643	128	23,476	
Finished Aviation Gasoline .....	80	10	156	-	-	246	6	49	297	
Kerosene-Type Jet Fuel .....	1,209	8,304	7,817	167	0	17,497	857	8,177	34,131	
Kerosene .....	-14	54	-28	6	-	18	-	12	62	
Distillate Fuel Oil .....	6,050	33,390	34,466	1,479	1,427	76,812	5,343	17,007	139,687	
15 ppm sulfur and under .....	6,062	32,973	29,958	1,512	1,427	71,932	5,202	16,348	134,121	
Greater than 15 ppm to 500 ppm sulfur .....	-12	237	2,804	71	-	3,100	100	355	3,762	
Greater than 500 ppm sulfur .....	-	180	1,704	-104	-	1,780	41	304	1,804	
Residual Fuel Oil .....	254	1,632	638	16	31	2,571	367	1,745	7,043	
Less than 0.31 percent sulfur .....	126	-	223	-	-	349	203	134	784	
0.31 to 1.00 percent sulfur .....	1	323	290	16	-	630	27	472	2,374	
Greater than 1.00 percent sulfur .....	127	1,309	125	-	31	1,592	137	1,139	3,885	
Petrochemical Feedstocks .....	122	3,036	3,219	-	-	6,377	-	-	7,278	
Naphtha for Petro. Feed. Use .....	113	2,137	1,663	-	-	3,913	-	-	4,429	
Other Oils for Petro. Feed. Use .....	9	899	1,556	-	-	2,464	-	-	2,849	
Special Naphthas .....	42	625	-	208	-	875	-	39	914	
Lubricants .....	16	1,028	1,656	706	-	3,406	-	639	4,460	
Waxes .....	-	23	48	-1	-	70	-	-	64	
Petroleum Coke .....	331	5,388	5,402	145	25	11,291	618	3,592	21,734	
Marketable .....	106	4,067	4,249	145	-	8,567	424	2,678	16,058	
Catalyst .....	225	1,321	1,153	-	25	2,724	194	914	5,676	
Asphalt and Road Oil .....	252	424	958	753	35	2,422	1,044	819	10,462	
Still Gas .....	756	4,589	3,730	182	72	9,329	605	2,979	18,039	
Miscellaneous Products .....	136	659	458	12	51	1,316	102	355	2,350	
<b>Total .....</b>	<b>30,238</b>	<b>84,704</b>	<b>79,242</b>	<b>12,659</b>	<b>3,257</b>	<b>210,100</b>	<b>18,601</b>	<b>81,427</b>	<b>552,731</b>	
Processing Gain(-) or Loss(+) <sup>1</sup> .....	<b>-703</b>	<b>-5,430</b>	<b>-7,175</b>	<b>-29</b>	<b>-57</b>	<b>-13,394</b>	<b>-574</b>	<b>-4,517</b>	<b>-26,772</b>	

- = No Data Reported.

<sup>1</sup> Represents the arithmetic difference between input and production.

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 Report."

**Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, March 2021**  
(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>18,021</b>	<b>2,965</b>	<b>20,986</b>	<b>73,606</b>	<b>15,409</b>	<b>23,109</b>	<b>112,124</b>
<b>Hydrocarbon Gas Liquids</b> .....	<b>189</b>	<b>-</b>	<b>189</b>	<b>1,195</b>	<b>74</b>	<b>630</b>	<b>1,899</b>
Natural Gas Liquids .....	189	-	189	1,195	74	630	1,899
Normal Butane .....	63	-	63	42	-	7	49
Isobutane .....	126	-	126	1,038	74	353	1,465
Natural Gasoline .....	-	-	-	115	-	270	385
<b>Other Liquids</b> .....	<b>-8,683</b>	<b>29</b>	<b>-8,654</b>	<b>-33,859</b>	<b>-5,804</b>	<b>-9,386</b>	<b>-49,049</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	91	159	250	978	452	355	1,785
Hydrogen .....	27	9	36	714	296	191	1,201
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	--	--	--
Methyl Tertiary Butyl Ether (MTBE) .....	--	--	--	--	--	--	--
All Other Oxygenates <sup>1</sup> .....	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol) .....	64	150	214	260	156	164	580
Fuel Ethanol .....	64	123	187	164	136	140	440
Renewable Diesel Fuel <sup>2</sup> .....	-	27	27	96	20	24	140
Other Renewable Fuels .....	-	-	-	-	-	-	-
Other Hydrocarbons .....	-	-	-	4	-	-	4
Unfinished Oils (net) .....	1,206	-221	985	539	-359	-683	-503
Naphthas and Lighter .....	119	-111	8	462	-37	-569	-144
Kerosene and Light Gas Oils .....	89	-	89	-154	-64	15	-203
Heavy Gas Oils .....	802	-100	702	392	-258	311	445
Residuum .....	196	-10	186	-161	-	-440	-601
Motor Gasoline Blend.Comp. (MGBC)(net) .....	-9,980	91	-9,889	-35,376	-5,897	-9,058	-50,331
Reformulated - RBOB .....	-6,399	-	-6,399	-6,699	-	-	-6,699
Conventional .....	-3,581	91	-3,490	-28,677	-5,897	-9,058	-43,632
CBOB .....	-3,060	91	-2,969	-27,632	-5,942	-9,055	-42,629
GTAB .....	-	-	-	-	-	-	-
Other .....	-521	0	-521	-1,045	45	-3	-1,003
Aviation Gasoline Blend. Comp. (net) .....	-	-	-	-	-	-	-
<b>Total Input to Refineries</b> .....	<b>9,527</b>	<b>2,994</b>	<b>12,521</b>	<b>40,942</b>	<b>9,679</b>	<b>14,353</b>	<b>64,974</b>
<b>Atmospheric Crude Oil Distillation</b>							
Gross Input (daily average) .....	603	96	699	2,361	515	748	3,624
Operable Capacity (daily average) .....	720	98	818	2,716	547	926	4,188
Operable Utilization Rate (percent) <sup>3</sup> .....	83.9	97.7	85.5	86.9	94.2	80.8	86.5
<b>Downstream Processing</b>							
<b>Fresh Feed Input (daily average)</b>							
Catalytic Reforming .....	99	14	113	413	68	131	612
Catalytic Cracking .....	213	14	227	730	139	185	1,053
Catalytic Hydrocracking .....	22	-	22	174	57	56	288
Delayed and Fluid Coking .....	33	-	33	301	74	73	448
<b>Crude Oil Qualities</b>							
Sulfur Content, Weighted Average (percent) .....	0.87	1.46	0.95	1.58	2.00	0.68	1.46
API Gravity, Weighted Average (degrees) .....	36.69	33.78	36.29	32.79	25.61	38.71	32.91
<b>Operable Capacity (daily average)</b> .....	<b>720</b>	<b>98</b>	<b>818</b>	<b>2,716</b>	<b>547</b>	<b>926</b>	<b>4,188</b>
Operating .....	720	98	818	2,656	509	855	4,020
Idle .....	-	-	-	60	38	70	168
<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 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, March 2021**  
(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>18,208</b>	<b>113,650</b>	<b>93,447</b>	<b>4,445</b>	<b>3,116</b>	<b>232,866</b>	<b>17,271</b>	<b>62,627</b>	<b>445,874</b>
<b>Hydrocarbon Gas Liquids</b> .....	<b>447</b>	<b>2,890</b>	<b>3,665</b>	<b>18</b>	<b>146</b>	<b>7,166</b>	<b>353</b>	<b>2,167</b>	<b>11,774</b>
Natural Gas Liquids .....	447	2,890	3,665	18	146	7,166	353	2,167	11,774
Normal Butane .....	145	1,044	1,087	15	—	2,291	129	598	3,130
Isobutane .....	262	1,094	1,676	—	146	3,178	113	678	5,560
Natural Gasoline .....	40	752	902	3	—	1,697	111	891	3,084
<b>Other Liquids</b> .....	<b>-7,047</b>	<b>-46,562</b>	<b>-28,320</b>	<b>-417</b>	<b>-1,444</b>	<b>-83,790</b>	<b>-4,237</b>	<b>-29,538</b>	<b>-175,268</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	300	1,818	1,652	127	50	3,947	529	1,779	8,290
Hydrogen .....	5	1,721	1,345	66	36	3,173	186	1,366	5,962
Oxygenates (excluding Fuel Ethanol) .....	—	—	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE) .....	—	—	—	—	—	—	—	—	—
All Other Oxygenates <sup>1</sup> .....	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	295	97	307	61	14	774	343	413	2,324
Fuel Ethanol .....	220	55	186	41	6	508	270	103	1,508
Renewable Diesel Fuel <sup>2</sup> .....	75	42	56	20	8	201	13	310	691
Other Renewable Fuels .....	—	—	65	—	—	65	60	—	125
Other Hydrocarbons .....	—	—	—	—	—	—	—	—	4
Unfinished Oils (net) .....	55	-9,526	7,273	22	188	-1,988	-727	1,253	-980
Naphthas and Lighter .....	-365	-7,244	-1,272	29	81	-8,771	-84	252	-8,739
Kerosene and Light Gas Oils .....	126	-2,006	661	38	-6	-1,187	-548	-495	-2,344
Heavy Gas Oils .....	182	-524	4,116	50	113	3,937	-74	1,282	6,292
Residuum .....	112	248	3,768	-95	—	4,033	-21	214	3,811
Motor Gasoline Blend Comp. (MGBC)(net) .....	-7,415	-38,854	-37,250	-566	-1,682	-85,767	-4,039	-32,570	-182,596
Reformulated - RBOB .....	-760	-9,530	-2,113	—	-778	-13,181	—	-24,247	-50,526
Conventional .....	-6,655	-29,324	-35,137	-566	-904	-72,586	-4,039	-8,323	-132,070
CBOB .....	-6,819	-25,724	-34,352	-543	-894	-68,332	-4,337	-8,335	-126,602
GTAB .....	—	—	—	—	—	—	—	—	—
Other .....	164	-3,600	-785	-23	-10	-4,254	298	12	-5,468
Aviation Gasoline Blend. Comp. (net) .....	13	—	5	—	—	18	—	—	18
<b>Total Input to Refineries</b> .....	<b>11,608</b>	<b>69,978</b>	<b>68,792</b>	<b>4,046</b>	<b>1,818</b>	<b>156,242</b>	<b>13,387</b>	<b>35,256</b>	<b>282,380</b>
<b>Atmospheric Crude Oil Distillation</b>									
Gross Input (daily average) .....	596	3,737	3,200	113	101	7,747	559	2,204	14,834
Operable Capacity (daily average) .....	746	5,068	3,531	258	110	9,713	657	2,714	18,090
Operable Utilization Rate (percent) <sup>3</sup> .....	79.9	73.7	90.6	43.9	91.4	79.8	85.2	81.2	82.0
<b>Downstream Processing</b>									
<b>Fresh Feed Input (daily average)</b>									
Catalytic Reforming .....	121	487	525	21	23	1,176	94	384	2,379
Catalytic Cracking .....	161	889	927	—	28	2,005	144	554	3,983
Catalytic Hydrocracking .....	43	477	424	20	18	982	29	452	1,773
Delayed and Fluid Coking .....	16	560	493	33	—	1,103	53	350	1,988
<b>Crude Oil Qualities</b>									
Sulfur Content, Weighted Average (percent) .....	0.57	1.41	1.15	1.86	0.83	1.23	1.45	1.23	1.28
API Gravity, Weighted Average (degrees) .....	40.25	34.86	32.36	26.68	39.40	34.29	32.81	28.71	33.20
<b>Operable Capacity (daily average)</b> .....	<b>746</b>	<b>5,068</b>	<b>3,531</b>	<b>258</b>	<b>110</b>	<b>9,713</b>	<b>657</b>	<b>2,714</b>	<b>18,090</b>
Operating .....	746	4,543	3,428	158	110	8,985	647	2,565	17,035
Idle .....	—	525	103	100	—	728	10	149	1,055
<b>Alaskan Crude Oil Receipts</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>14,018</b>	<b>14,018</b>

-- = Not Applicable.

- = 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> Renewable diesel fuel includes biodiesel and other renewable diesel.

<sup>3</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 31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, March 2021**  
(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 .....	394	10	404	2,579	221	705	3,505
Natural Gas Liquids .....	-84	10	-74	1,604	41	466	2,111
Ethane .....	-	-	-	-	-	-	-
Propane .....	443	23	466	1,385	266	466	2,117
Normal Butane .....	-433	-1	-434	122	-153	17	-14
Isobutane .....	-94	-12	-106	97	-72	-17	8
Natural Gasoline .....	-	-	-	-	-	-	-
Refinery Olefins .....	478	-	478	975	180	239	1,394
Ethylene .....	8	-	8	-	-	-	-
Propylene .....	433	-	433	963	180	193	1,336
Normal Butylene .....	2	-	2	12	-	46	58
Isobutylene .....	35	-	35	-	-	-	-
Finished Motor Gasoline .....	634	1,234	1,868	5,722	1,978	2,859	10,559
Reformulated .....	634	-	634	-	-	5	5
Reformulated Blended with Fuel Ethanol .....	634	-	634	-	-	5	5
Reformulated Other .....	-	-	-	-	-	-	-
Conventional .....	-	1,234	1,234	5,722	1,978	2,854	10,554
Conventional Blended with Fuel Ethanol .....	-	1,234	1,234	1,675	1,321	1,442	4,438
Ed55 and Lower .....	-	1,234	1,234	1,675	1,321	1,442	4,438
Greater than Ed55 .....	-	-	-	-	-	-	-
Conventional Other .....	-	-	-	4,047	657	1,412	6,116
Finished Aviation Gasoline .....	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel .....	1,415	-	1,415	4,868	688	672	6,228
Kerosene .....	51	2	53	-23	-	14	-9
Distillate Fuel Oil .....	4,955	776	5,731	20,248	4,857	9,131	34,236
15 ppm sulfur and under .....	5,020	757	5,777	20,168	4,905	9,293	34,366
Greater than 15 ppm to 500 ppm sulfur .....	11	-4	7	-	-	-11	-11
Greater than 500 ppm sulfur .....	-76	23	-53	80	-48	-151	-119
Residual Fuel Oil .....	1,235	4	1,239	806	209	114	1,129
Less than 0.31 percent sulfur .....	-	3	3	107	-	1	108
0.31 to 1.00 percent sulfur .....	857	1	858	303	64	20	387
Greater than 1.00 percent sulfur .....	378	-	378	396	145	93	634
Petrochemical Feedstocks .....	-	-	-	897	-	4	901
Naphtha for Petro. Feed. Use .....	-	-	-	516	-	-	516
Other Oils for Petro. Feed. Use .....	-	-	-	381	-	4	385
Special Naphthas .....	-	17	17	-35	-	18	-17
Lubricants .....	174	204	378	-	-	37	37
Waxes .....	-	-13	-13	-	-	7	7
Petroleum Coke .....	615	17	632	3,936	940	725	5,601
Marketable .....	222	-	222	2,888	770	509	4,167
Catalyst .....	393	17	410	1,048	170	216	1,434
Asphalt and Road Oil .....	315	631	946	3,769	1,260	198	5,227
Still Gas .....	815	41	856	2,700	593	977	4,270
Miscellaneous Products .....	38	53	91	320	119	47	486
<b>Total .....</b>	<b>10,641</b>	<b>2,976</b>	<b>13,617</b>	<b>45,787</b>	<b>10,865</b>	<b>15,508</b>	<b>72,160</b>
Processing Gain(-) or Loss(+) <sup>1</sup> .....	-1,114	18	-1,096	-4,845	-1,186	-1,155	-7,186

See footnotes at end of table.

**Table 31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, March 2021**  
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						Total	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					
Hydrocarbon Gas Liquids .....	588	5,670	6,127	6	37	12,428	444	1,642	18,423	
Natural Gas Liquids .....	186	3,012	3,151	6	37	6,392	305	1,405	10,139	
Ethane .....	2	84	21	-	-	107	-	-	107	
Propane .....	207	1,767	2,554	5	39	4,572	248	990	8,393	
Normal Butane .....	2	1,372	262	1	-2	1,635	13	328	1,528	
Isobutane .....	-25	-211	314	-	-	78	44	87	111	
Natural Gasoline .....	-	-	-	-	-	-	-	-	-	
Refinery Olefins .....	402	2,658	2,976	-	-	6,036	139	237	8,284	
Ethylene .....	-	9	-	-	-	9	-	-	17	
Propylene .....	408	2,774	3,072	-	-	6,254	35	236	8,294	
Normal Butylene .....	-6	-89	-96	-	-	-191	104	1	-26	
Isobutylene .....	-	-36	-	-	-	-36	-	-	-1	
Finished Motor Gasoline .....	2,524	10,413	11,347	414	215	24,913	4,597	3,107	45,044	
Reformulated .....	-	-	-	-	-	-	-	-	616	
Reformulated Blended with Fuel Ethanol .....	-	-	-	-	-	-	-	-	616	
Reformulated Other .....	-	-	-	-	-	-	-	-	-	
Conventional .....	2,524	10,413	11,347	414	215	24,913	4,597	2,491	43,789	
Conventional Blended with Fuel Ethanol .....	2,193	542	1,846	415	59	5,055	2,739	415	13,881	
Ed55 and Lower .....	2,193	542	1,846	415	59	5,055	2,739	415	13,881	
Greater than Ed55 .....	-	-	-	-	-	-	-	-	-	
Conventional Other .....	331	9,871	9,501	-1	156	19,858	1,858	2,076	29,908	
Finished Aviation Gasoline .....	80	10	156	-	-	246	6	49	301	
Kerosene-Type Jet Fuel .....	1,209	8,304	7,810	167	-	17,490	792	8,194	34,119	
Kerosene .....	-14	54	-29	6	-	17	-	1	62	
Distillate Fuel Oil .....	6,017	33,659	34,474	1,460	1,409	77,019	5,390	16,617	138,993	
15 ppm sulfur and under .....	6,029	32,910	29,966	1,493	1,409	71,807	5,249	15,969	133,168	
Greater than 15 ppm to 500 ppm sulfur .....	-12	237	2,804	71	-	3,100	100	355	3,551	
Greater than 500 ppm sulfur .....	-	512	1,704	-104	-	2,112	41	293	2,274	
Residual Fuel Oil .....	254	1,526	615	16	31	2,442	367	1,744	6,921	
Less than 0.31 percent sulfur .....	126	-	198	-	-	324	203	41	679	
0.31 to 1.00 percent sulfur .....	1	323	293	16	-	633	27	473	2,378	
Greater than 1.00 percent sulfur .....	127	1,203	124	-	31	1,485	137	1,230	3,864	
Petrochemical Feedstocks .....	122	3,036	3,219	-	-	6,377	-	-	7,278	
Naphtha for Petro. Feed. Use .....	113	2,137	1,663	-	-	3,913	-	-	4,429	
Other Oils for Petro. Feed. Use .....	9	899	1,556	-	-	2,464	-	-	2,849	
Special Naphthas .....	42	625	-	208	-	875	-	39	914	
Lubricants .....	16	1,028	1,656	706	-	3,406	-	639	4,460	
Waxes .....	-	23	48	-1	-	70	-	-	64	
Petroleum Coke .....	331	5,388	5,402	145	25	11,291	618	3,592	21,734	
Marketable .....	106	4,067	4,249	145	-	8,567	424	2,678	16,058	
Catalyst .....	225	1,321	1,153	-	25	2,724	194	914	5,676	
Asphalt and Road Oil .....	252	424	956	753	35	2,420	1,044	819	10,456	
Still Gas .....	756	4,589	3,730	182	72	9,329	605	2,979	18,039	
Miscellaneous Products .....	136	659	458	12	51	1,316	102	355	2,350	
<b>Total .....</b>	<b>12,313</b>	<b>75,408</b>	<b>75,969</b>	<b>4,074</b>	<b>1,875</b>	<b>169,639</b>	<b>13,965</b>	<b>39,777</b>	<b>309,158</b>	
Processing Gain(-) or Loss(+) <sup>1</sup> .....	-705	-5,430	-7,177	-28	-57	-13,397	-578	-4,521	-26,778	

- = No Data Reported.

<sup>1</sup> Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

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

**Table 32. Blender Net Inputs of Petroleum Products by PAD District, March 2021**  
(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>1,031</b>	<b>-</b>	<b>1,031</b>	<b>136</b>	<b>94</b>	<b>327</b>	<b>557</b>
Natural Gas Liquids .....	1,031	-	1,031	136	94	327	557
Normal Butane .....	786	-	786	136	88	240	464
Isobutane .....	-	-	-	-	-	-	-
Natural Gasoline .....	245	-	245	-	6	87	93
<b>Other Liquids</b> .....	<b>86,052</b>	<b>5,659</b>	<b>91,711</b>	<b>42,860</b>	<b>7,766</b>	<b>12,896</b>	<b>63,522</b>
Oxygenates/Renewables .....	9,213	614	9,827	4,605	919	1,418	6,942
Oxygenates (excluding Fuel Ethanol) .....	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE) .....	-	-	-	-	-	-	-
All Other Oxygenates <sup>1</sup> .....	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol) .....	9,213	614	9,827	4,605	919	1,418	6,942
Fuel Ethanol .....	8,938	566	9,504	4,459	867	1,381	6,707
Renewable Diesel Fuel <sup>2</sup> .....	275	48	323	146	52	37	235
Other Renewable Fuels .....	-	-	-	-	-	-	-
Unfinished Oils (net) .....	-	-	-	-	-	-	-
Naphthas and Lighter .....	-	-	-	-	-	-	-
Kerosene and Light Gas Oils .....	-	-	-	-	-	-	-
Heavy Gas Oils .....	-	-	-	-	-	-	-
Residuum .....	-	-	-	-	-	-	-
Motor Gasoline Blend.Comp. (MGBC)(net) .....	76,839	5,045	81,884	38,255	6,847	11,478	56,580
Reformulated - RBOB .....	21,772	-	21,772	6,299	1,163	845	8,307
Conventional .....	55,067	5,045	60,112	31,956	5,684	10,633	48,273
CBOB .....	45,083	5,045	50,128	31,956	5,684	10,633	48,273
GTAB .....	3,283	-	3,283	-	-	-	-
Other .....	6,701	-	6,701	-	-	-	-
Aviation Gasoline Blend. Comp. (net) .....	-	-	-	-	-	-	-
<b>Total Input</b> .....	<b>87,083</b>	<b>5,659</b>	<b>92,742</b>	<b>42,996</b>	<b>7,860</b>	<b>13,223</b>	<b>64,079</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>30</b>	<b>2,210</b>	<b>203</b>	<b>45</b>	<b>-</b>	<b>2,488</b>	<b>52</b>	<b>47</b>	<b>4,175</b>
Natural Gas Liquids .....	30	2,210	203	45	-	2,488	52	47	4,175
Normal Butane .....	28	426	203	43	-	700	47	47	2,044
Isobutane .....	-	-	-	-	-	-	1	-	1
Natural Gasoline .....	2	1,784	-	2	-	1,788	4	-	2,130
<b>Other Liquids</b> .....	<b>17,897</b>	<b>7,086</b>	<b>3,072</b>	<b>8,539</b>	<b>1,382</b>	<b>37,976</b>	<b>4,588</b>	<b>41,607</b>	<b>239,404</b>
Oxygenates/Renewables .....	1,857	866	324	959	158	4,164	609	4,684	26,226
Oxygenates (excluding Fuel Ethanol) .....	-	-	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE) .....	-	-	-	-	-	-	-	-	-
All Other Oxygenates <sup>1</sup> .....	-	-	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol) .....	1,857	866	324	959	158	4,164	609	4,684	26,226
Fuel Ethanol .....	1,823	793	324	939	139	4,018	590	4,300	25,119
Renewable Diesel Fuel <sup>2</sup> .....	34	69	-	20	19	142	19	384	1,103
Other Renewable Fuels .....	-	4	-	-	-	4	-	-	4
Unfinished Oils (net) .....	-	-226	25	-	-	-201	-	-	-201
Naphthas and Lighter .....	-	-	-	-	-	-	-	-	-
Kerosene and Light Gas Oils .....	-	-226	-	-	-	-226	-	-	-226
Heavy Gas Oils .....	-	-	25	-	-	25	-	-	25
Residuum .....	-	-	-	-	-	-	-	-	-
Motor Gasoline Blend.Comp. (MGBC)(net) .....	16,040	6,446	2,723	7,580	1,224	34,013	3,979	36,923	213,379
Reformulated - RBOB .....	6,509	4,864	-	8	-	11,381	-	26,407	67,867
Conventional .....	9,531	1,582	2,723	7,572	1,224	22,632	3,979	10,516	145,512
CBOB .....	9,531	-1,709	1,080	7,572	1,220	17,694	3,978	9,679	129,752
GTAB .....	-	-	-	-	-	-	-	-	3,283
Other .....	-	3,291	1,643	-	4	4,938	1	837	12,477
Aviation Gasoline Blend. Comp. (net) .....	-	-	-	-	-	-	-	-	-
<b>Total Input</b> .....	<b>17,927</b>	<b>9,296</b>	<b>3,275</b>	<b>8,584</b>	<b>1,382</b>	<b>40,464</b>	<b>4,640</b>	<b>41,654</b>	<b>243,579</b>

-- = Not Applicable.

- = 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).

<sup>2</sup> Renewable diesel fuel includes biodiesel and other renewable diesel.

Note: Refer to Appendix A for Refining District descriptions.

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

**Table 33. Blender Net Production of Petroleum Products by PAD District, March 2021**  
(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 .....	86,820	5,616	92,436	42,904	7,806	13,185	63,895
Reformulated .....	34,186	28	34,214	7,580	1,427	939	9,946
Reformulated Blended with Fuel Ethanol .....	34,186	28	34,214	7,580	1,427	939	9,946
Reformulated Other .....	-	-	-	-	-	-	-
Conventional .....	52,634	5,588	58,222	35,324	6,379	12,246	53,949
Conventional Blended with Fuel Ethanol .....	54,559	5,621	60,180	36,544	6,968	12,314	55,826
Ed55 and Lower .....	54,513	5,621	60,134	36,535	6,941	12,228	55,704
Greater than Ed55 .....	46	-	46	9	27	86	122
Conventional Other .....	-1,925	-33	-1,958	-1,220	-589	-68	-1,877
Finished Aviation Gasoline .....	-	-4	-4	-	-	-	-
Kerosene-Type Jet Fuel .....	0	-2	-2	-21	-20	0	-41
Kerosene .....	-8	-	-8	-4	-	-	-4
Distillate Fuel Oil .....	284	49	333	116	73	36	225
15 ppm sulfur and under .....	286	49	335	52	73	36	161
Greater than 15 ppm to 500 ppm sulfur .....	40	-	40	64	-	107	171
Greater than 500 ppm sulfur .....	-42	-	-42	-	-	-107	-107
Residual Fuel Oil .....	-8	-	-8	-	-	-	-
Less than 0.31 percent sulfur .....	-13	-	-13	-	-	-	-
0.31 to 1.00 percent sulfur .....	0	-	0	-	-	-	-
Greater than 1.00 percent sulfur .....	5	-	5	-	-	-	-
Special Naphthas .....	-	-	-	-	-	-	-
Lubricants .....	-	-	-	-	-	-	-
Asphalt and Road Oil .....	2	-	2	-	-	2	2
Miscellaneous Products .....	-	-	-	-	-	-	-
<b>Total Production .....</b>	<b>87,090</b>	<b>5,659</b>	<b>92,749</b>	<b>42,995</b>	<b>7,859</b>	<b>13,223</b>	<b>64,077</b>
Processing Gain(-) or Loss(+) <sup>1</sup> .....	-7	0	-7	1	1	0	2

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 .....	17,892	9,459	3,248	8,566	1,364	40,529	4,618	41,265	242,743
Reformulated .....	7,138	6,340	-	-	-	13,478	-	30,058	87,696
Reformulated Blended with Fuel Ethanol .....	7,138	6,340	-	-	-	13,478	-	30,058	87,696
Reformulated Other .....	-	-	-	-	-	-	-	-	-
Conventional .....	10,754	3,119	3,248	8,566	1,364	27,051	4,618	11,207	155,047
Conventional Blended with Fuel Ethanol .....	10,943	1,539	3,233	9,348	1,422	26,485	5,833	13,155	161,479
Ed55 and Lower .....	10,932	1,538	3,233	9,337	1,421	26,461	5,819	13,152	161,270
Greater than Ed55 .....	11	1	-	11	1	24	14	3	209
Conventional Other .....	-189	1,580	15	-782	-58	566	-1,215	-1,948	-6,432
Finished Aviation Gasoline .....	-	-	-	-	-	-	-	-	-4
Kerosene-Type Jet Fuel .....	0	-	7	-	0	7	65	-17	12
Kerosene .....	-	-	1	-	-	1	-	11	0
Distillate Fuel Oil .....	33	-269	-8	19	18	-207	-47	390	694
15 ppm sulfur and under .....	33	63	-8	19	18	125	-47	379	953
Greater than 15 ppm to 500 ppm sulfur .....	-	-	-	-	-	-	-	-	211
Greater than 500 ppm sulfur .....	-	-332	-	-	-	-332	-	11	-470
Residual Fuel Oil .....	-	106	23	-	-	129	-	1	122
Less than 0.31 percent sulfur .....	-	-	25	-	-	25	-	93	105
0.31 to 1.00 percent sulfur .....	-	-	-3	-	-	-3	-	-1	-4
Greater than 1.00 percent sulfur .....	-	106	1	-	-	107	-	-91	21
Special Naphthas .....	-	-	-	-	-	-	-	-	-
Lubricants .....	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil .....	-	-	2	-	-	2	-	-	6
Miscellaneous Products .....	-	-	-	-	-	-	-	-	-
<b>Total Production .....</b>	<b>17,925</b>	<b>9,296</b>	<b>3,273</b>	<b>8,585</b>	<b>1,382</b>	<b>40,461</b>	<b>4,636</b>	<b>41,650</b>	<b>243,573</b>
Processing Gain(-) or Loss(+) <sup>1</sup> .....	2	0	2	-1	0	3	4	4	6

- = No Data Reported.

<sup>1</sup> Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

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

**Table 34. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, March 2021**  
(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>4,830</b>	<b>632</b>	<b>5,462</b>	<b>9,021</b>	<b>2,007</b>	<b>1,817</b>	<b>12,845</b>
<b>Petroleum Products</b> .....	<b>9,198</b>	<b>2,202</b>	<b>11,400</b>	<b>29,525</b>	<b>7,694</b>	<b>10,007</b>	<b>47,226</b>
Hydrocarbon Gas Liquids .....	590	18	608	1,545	246	710	2,501
Natural Gas Liquids .....	285	18	303	1,263	227	696	2,186
Ethane .....	—	—	—	—	—	—	—
Propane .....	92	4	96	308	30	163	501
Normal Butane .....	120	8	128	562	165	134	861
Isobutane .....	73	6	79	274	32	163	469
Natural Gasoline .....	—	—	—	119	—	236	355
Refinery Olefins .....	305	0	305	282	19	14	315
Ethylene .....	—	—	—	—	—	—	—
Propylene .....	114	0	114	236	19	8	263
Normal Butylene .....	92	0	92	46	0	6	52
Isobutylene .....	99	0	99	0	0	0	0
Oxygenates/Renewable Fuels/Other Hydrocarbons .....	74	117	191	61	60	25	146
Oxygenates (excluding Fuel Ethanol) .....	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE) .....	—	—	—	—	—	—	—
All Other Oxygenates <sup>1</sup> .....	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	74	117	191	35	60	25	120
Fuel Ethanol .....	74	108	182	26	52	20	98
Renewable Diesel Fuel <sup>2</sup> .....	—	9	9	9	8	5	22
Other Renewable Fuels .....	—	—	—	—	—	—	—
Other Hydrocarbons .....	—	—	—	26	—	—	26
Unfinished Oils .....	3,513	547	4,060	9,140	1,318	4,540	14,998
Naphthas and Lighter .....	668	353	1,021	2,462	258	1,520	4,240
Kerosene and Light Gas Oils .....	311	—	311	2,141	495	438	3,074
Heavy Gas Oils .....	1,785	189	1,974	3,026	552	1,444	5,022
Residuum .....	749	5	754	1,511	13	1,138	2,662
Motor Gasoline Blending Components (MGBC) .....	2,618	247	2,865	8,328	1,711	2,403	12,442
Reformulated - RBOB .....	890	—	890	859	—	—	859
Conventional .....	1,728	247	1,975	7,469	1,711	2,403	11,583
CBOB .....	110	197	307	2,952	1,060	1,464	5,476
GTAB .....	—	—	—	—	—	—	—
Other .....	1,618	50	1,668	4,517	651	939	6,107
Aviation Gasoline Blending Components .....	—	—	—	—	—	—	—
Finished Motor Gasoline .....	—	38	38	739	239	243	1,221
Reformulated .....	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—
Reformulated Other .....	—	—	—	—	—	—	—
Conventional .....	—	38	38	739	239	243	1,221
Conventional Blended with Fuel Ethanol .....	—	—	—	—	—	—	—
Ed55 and Lower .....	—	—	—	—	—	—	—
Greater than Ed55 .....	—	—	—	—	—	—	—
Conventional Other .....	—	38	38	739	239	243	1,221
Finished Aviation Gasoline .....	—	—	—	—	76	—	76
Kerosene-Type Jet Fuel .....	424	—	424	1,178	232	302	1,712
Kerosene .....	109	6	115	52	—	11	63
Distillate Fuel Oil .....	1,179	215	1,394	3,635	788	1,233	5,656
15 ppm sulfur and under .....	777	138	915	3,531	749	1,173	5,453
Greater than 15 ppm to 500 ppm sulfur .....	54	52	106	—	1	25	26
Greater than 500 ppm sulfur .....	348	25	373	104	38	35	177
Residual Fuel Oil .....	208	17	225	607	288	87	982
Less than 0.31 percent sulfur .....	—	16	16	36	—	—	36
0.31 to 1.00 percent sulfur .....	81	1	82	125	60	32	217
Greater than 1.00 percent sulfur .....	127	—	127	446	228	55	729
Petrochemical Feedstocks .....	—	—	—	554	—	—	554
Naphtha for Petro. Feed. Use .....	—	—	—	449	—	—	449
Other Oils for Petro. Feed. Use .....	—	—	—	105	—	—	105
Special Naphthas .....	—	22	22	66	—	12	78
Lubricants .....	357	225	582	—	—	134	134
Waxes .....	—	259	259	—	—	22	22
Petroleum Coke .....	—	—	—	647	1,480	105	2,232
Marketable .....	—	—	—	647	1,480	105	2,232
Catalyst .....	—	—	—	—	—	—	—
Asphalt and Road Oil .....	117	448	565	2,903	1,240	175	4,318
Miscellaneous Products .....	9	43	52	70	16	5	91
<b>Total Stocks, All Oils</b> .....	<b>14,028</b>	<b>2,834</b>	<b>16,862</b>	<b>38,546</b>	<b>9,701</b>	<b>11,824</b>	<b>60,071</b>

See footnotes at end of table.

**Table 34. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, March 2021**  
(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>2,217</b>	<b>29,446</b>	<b>17,859</b>	<b>1,226</b>	<b>309</b>	<b>51,057</b>	<b>2,514</b>	<b>19,922</b>	<b>91,800</b>
<b>Petroleum Products</b> .....	<b>9,481</b>	<b>60,055</b>	<b>43,018</b>	<b>3,086</b>	<b>916</b>	<b>116,556</b>	<b>11,521</b>	<b>45,933</b>	<b>232,636</b>
Hydrocarbon Gas Liquids .....	2,120	2,250	1,202	15	39	5,626	419	1,379	10,533
Natural Gas Liquids .....	1,558	1,937	968	15	39	4,517	345	1,348	8,699
Ethane .....	101	—	—	—	—	101	—	—	101
Propane .....	130	202	64	4	2	402	51	75	1,125
Normal Butane .....	910	1,500	473	10	6	2,899	163	913	4,964
Isobutane .....	265	224	316	1	13	819	104	358	1,829
Natural Gasoline .....	152	11	115	—	18	296	27	2	680
Refinery Olefins .....	562	313	234	0	0	1,109	74	31	1,834
Ethylene .....	0	—	—	—	—	0	—	—	0
Propylene .....	538	51	90	0	0	679	1	14	1,071
Normal Butylene .....	24	262	116	0	0	402	73	17	636
Isobutylene .....	0	0	28	0	0	28	0	0	127
Oxygenates/Renewable Fuels/Other Hydrocarbons ....	36	69	108	93	6	312	112	454	1,215
Oxygenates (excluding Fuel Ethanol) .....	—	—	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE) .....	—	—	—	—	—	—	—	—	—
All Other Oxygenates <sup>1</sup> .....	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	36	69	108	93	6	312	112	454	1,189
Fuel Ethanol .....	26	37	63	37	2	165	100	128	673
Renewable Diesel Fuel <sup>2</sup> .....	10	32	45	56	4	147	12	326	516
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Other Hydrocarbons .....	—	—	—	—	—	—	—	—	26
Unfinished Oils .....	2,679	26,587	14,444	877	384	44,971	3,397	16,540	83,966
Naphthas and Lighter .....	1,295	6,977	1,960	244	109	10,585	696	2,839	19,381
Kerosene and Light Gas Oils .....	534	4,019	2,106	153	110	6,922	749	3,164	14,220
Heavy Gas Oils .....	527	12,374	7,692	416	165	21,174	1,554	8,154	37,878
Residuum .....	323	3,217	2,686	64	—	6,290	398	2,383	12,487
Motor Gasoline Blending Components (MGBC) .....	2,312	11,514	11,225	237	231	25,519	3,607	13,552	57,985
Reformulated - RBOB .....	182	983	398	—	—	1,563	—	4,758	8,070
Conventional .....	2,130	10,531	10,827	237	231	23,956	3,607	8,794	49,915
CBOB .....	1,038	3,460	5,098	171	17	9,784	2,143	2,286	19,996
GTAB .....	—	—	—	—	—	—	—	—	—
Other .....	1,092	7,071	5,729	66	214	14,172	1,464	6,508	29,919
Aviation Gasoline Blending Components .....	10	—	14	—	—	24	—	—	24
Finished Motor Gasoline .....	119	1,766	1,694	8	—	3,587	938	864	6,648
Reformulated .....	—	—	—	—	—	—	—	18	18
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	18	18
Reformulated Other .....	—	—	—	—	—	—	—	—	—
Conventional .....	119	1,766	1,694	8	—	3,587	938	846	6,630
Conventional Blended with Fuel Ethanol .....	—	—	—	—	—	—	51	—	51
Ed55 and Lower .....	—	—	—	—	—	—	51	—	51
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—
Conventional Other .....	119	1,766	1,694	8	—	3,587	887	846	6,579
Finished Aviation Gasoline .....	33	59	151	—	—	243	9	204	532
Kerosene-Type Jet Fuel .....	313	2,519	1,746	47	—	4,625	274	3,495	10,530
Kerosene .....	20	—	69	2	—	91	1	1	271
Distillate Fuel Oil .....	924	7,350	6,797	274	100	15,445	1,653	4,870	29,018
15 ppm sulfur and under .....	908	6,470	4,874	158	100	12,510	1,434	4,231	24,543
Greater than 15 ppm to 500 ppm sulfur .....	16	84	1,064	31	—	1,195	151	249	1,727
Greater than 500 ppm sulfur .....	—	796	859	85	—	1,740	68	390	2,748
Residual Fuel Oil .....	170	2,080	1,273	17	64	3,604	216	2,169	7,196
Less than 0.31 percent sulfur .....	18	—	61	—	—	79	23	19	173
0.31 to 1.00 percent sulfur .....	44	234	269	17	—	564	8	163	1,034
Greater than 1.00 percent sulfur .....	108	1,846	943	—	64	2,961	185	1,987	5,989
Petrochemical Feedstocks .....	109	1,472	676	3	—	2,260	—	2	2,816
Naphtha for Petro. Feed. Use .....	30	966	664	3	—	1,663	—	2	2,114
Other Oils for Petro. Feed. Use .....	79	506	12	—	—	597	—	—	702
Special Naphthas .....	80	549	—	75	—	704	—	27	831
Lubricants .....	35	1,301	1,616	536	—	3,488	—	437	4,641
Waxes .....	—	36	91	63	—	190	—	—	471
Petroleum Coke .....	16	2,188	950	—	—	3,154	146	1,168	6,700
Marketable .....	16	2,188	950	—	—	3,154	146	1,168	6,700
Catalyst .....	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil .....	494	137	844	838	71	2,384	734	671	8,672
Miscellaneous Products .....	11	178	118	1	21	329	15	100	587
<b>Total Stocks, All Oils</b> .....	<b>11,698</b>	<b>89,501</b>	<b>60,877</b>	<b>4,312</b>	<b>1,225</b>	<b>167,613</b>	<b>14,035</b>	<b>65,855</b>	<b>324,436</b>

-- = Not Applicable.

- = 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).

<sup>2</sup> Renewable diesel fuel includes biodiesel and other renewable diesel.

Note: Refer to Appendix A for Refining District descriptions.

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

**Table 35. Percent Yield of Petroleum Products by PAD and Refining Districts, March 2021**

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 .....	2.1	0.4	1.8	3.4	1.4	3.1	3.1
Finished Motor Gasoline <sup>1</sup> .....	53.8	37.1	51.7	53.1	50.0	49.3	51.9
Finished Aviation Gasoline <sup>2</sup> .....	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel .....	7.4	-	6.4	6.5	4.5	3.0	5.5
Kerosene .....	0.3	0.1	0.2	0.0	-	0.1	0.0
Distillate Fuel Oil <sup>3</sup> .....	25.7	27.2	25.9	26.9	31.5	40.3	30.2
Residual Fuel Oil .....	6.4	0.2	5.6	1.1	1.4	0.5	1.0
Naphtha for Petro. Feed. Use .....	-	-	-	0.7	-	-	0.5
Other Oils for Petro. Feed. Use .....	-	-	-	0.5	-	0.0	0.3
Special Naphthas .....	-	0.6	0.1	-0.1	-	0.1	0.0
Lubricants .....	0.9	7.4	1.7	-	-	0.2	0.0
Waxes .....	-	-0.5	-0.1	-	-	0.0	0.0
Petroleum Coke .....	3.2	0.6	2.9	5.3	6.1	3.2	5.0
Asphalt and Road Oil .....	1.6	22.9	4.3	5.0	8.2	0.9	4.6
Still Gas .....	4.2	1.5	3.9	3.6	3.9	4.3	3.8
Miscellaneous Products .....	0.2	1.9	0.4	0.4	0.8	0.2	0.4
Processing Gain(-) or Loss(+) <sup>4</sup> .....	-5.8	0.7	-5.0	-6.5	-7.7	-5.1	-6.4

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 .....	3.2	5.4	6.0	0.1	1.1	5.3	2.7	2.5	4.1
Finished Motor Gasoline <sup>1</sup> .....	50.8	43.8	43.8	20.3	52.3	44.0	47.9	51.2	47.5
Finished Aviation Gasoline <sup>2</sup> .....	0.4	0.0	0.2	-	-	0.1	0.0	0.1	0.1
Kerosene-Type Jet Fuel .....	6.6	7.9	7.7	3.7	-	7.5	4.7	12.6	7.6
Kerosene .....	-0.1	0.1	0.0	0.1	-	0.0	-	0.0	0.0
Distillate Fuel Oil <sup>3</sup> .....	32.5	31.8	33.7	31.8	42.0	32.8	31.8	25.0	30.7
Residual Fuel Oil .....	1.4	1.4	0.6	0.4	0.9	1.0	2.2	2.7	1.5
Naphtha for Petro. Feed. Use .....	0.6	2.0	1.6	-	-	1.7	-	-	1.0
Other Oils for Petro. Feed. Use .....	0.1	0.9	1.5	-	-	1.1	-	-	0.6
Special Naphthas .....	0.2	0.6	-	4.6	-	0.4	-	0.1	0.2
Lubricants .....	0.1	1.0	1.6	15.6	-	1.5	-	1.0	1.0
Waxes .....	-	0.0	0.1	0.0	-	0.0	-	-	0.0
Petroleum Coke .....	1.8	5.1	5.3	3.2	0.8	4.8	3.7	5.5	4.8
Asphalt and Road Oil .....	1.4	0.4	0.9	16.6	1.1	1.0	6.2	1.3	2.3
Still Gas .....	4.1	4.3	3.7	4.0	2.2	4.0	3.6	4.6	4.0
Miscellaneous Products .....	0.7	0.6	0.5	0.0	2.0	0.6	0.6	0.5	0.5
Processing Gain(-) or Loss(+) <sup>4</sup> .....	-3.9	-5.1	-7.0	-0.6	-1.7	-5.7	-3.4	-6.9	-5.9

- = No Data Reported.

<sup>1</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>2</sup> Based on finished aviation gasoline net production minus net input of aviation gasoline blending components.

<sup>3</sup> Based on distillate fuel oil net production minus input of biodiesel, "other" renewable diesel fuels, and "other" renewable fuels.

<sup>4</sup> Represents the arithmetic difference between input and production.

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 30 and 31.

**Table 36. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, March 2021**  
(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>200</b>	<b>973</b>	<b>763</b>	<b>1,936</b>
Connecticut .....	-	-	-	-
Delaware .....	-	-	-	-
Florida .....	-	-	-	-
Georgia .....	-	-	-	-
Maine .....	-	-	-	-
Maryland .....	-	-	-	-
Massachusetts .....	-	-	-	-
New Hampshire .....	-	-	-	-
New Jersey .....	200	973	513	1,686
New York .....	-	-	250	250
North Carolina .....	-	-	-	-
Pennsylvania .....	-	-	-	-
Rhode Island .....	-	-	-	-
South Carolina .....	-	-	-	-
Vermont .....	-	-	-	-
Virginia .....	-	-	-	-
West Virginia .....	-	-	-	-
<b>PAD District 2</b> .....	<b>-</b>	<b>39</b>	<b>51</b>	<b>90</b>
Illinois .....	-	-	-	-
Indiana .....	-	-	-	-
Michigan .....	-	-	51	51
Minnesota .....	-	27	-	27
North Dakota .....	-	12	-	12
Ohio .....	-	-	-	-
Wisconsin .....	-	-	-	-
<b>PAD District 3</b> .....	<b>-</b>	<b>65</b>	<b>1,895</b>	<b>1,960</b>
Alabama .....	-	-	-	-
Louisiana .....	-	65	970	1,035
Mississippi .....	-	-	-	-
New Mexico .....	-	-	-	-
Texas .....	-	-	925	925
<b>PAD District 4</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Idaho .....	-	-	-	-
Montana .....	-	-	-	-
<b>PAD District 5</b> .....	<b>-</b>	<b>494</b>	<b>76</b>	<b>570</b>
Alaska .....	-	-	-	-
California .....	-	456	76	532
Hawaii .....	-	-	-	-
Oregon .....	-	-	-	-
Washington .....	-	38	-	38
<b>U.S. Total</b> .....	<b>200</b>	<b>1,571</b>	<b>2,785</b>	<b>4,556</b>

- = No Data Reported.

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

**Table 37. Imports of Crude Oil and Petroleum Products by PAD District, March 2021**  
(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>16,564</b>	<b>83,751</b>	<b>41,696</b>	<b>9,026</b>	<b>28,360</b>	<b>179,397</b>	<b>5,787</b>
<b>Hydrocarbon Gas Liquids</b> .....	<b>1,884</b>	<b>2,852</b>	<b>—</b>	<b>463</b>	<b>1,717</b>	<b>6,916</b>	<b>223</b>
Natural Gas Liquids .....	1,571	2,608	—	463	1,717	6,359	205
Ethane .....	—	—	—	—	—	—	—
Propane .....	1,419	2,033	—	408	1,209	5,069	164
Normal Butane .....	88	466	—	47	508	1,109	36
Isobutane .....	64	104	—	8	—	176	6
Natural Gasoline .....	—	5	—	—	—	5	0
Refinery Olefins .....	313	244	—	—	—	557	18
Ethylene .....	—	—	—	—	—	—	—
Propylene .....	313	183	—	—	—	496	16
Normal Butylene .....	—	41	—	—	—	41	1
Isobutylene .....	—	20	—	—	—	20	1
<b>Other Liquids</b> .....	<b>22,299</b>	<b>511</b>	<b>14,591</b>	<b>178</b>	<b>3,254</b>	<b>40,833</b>	<b>1,317</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons .....	179	50	24	93	932	1,278	41
Hydrogen .....	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol) .....	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE) .....	—	—	—	—	—	—	—
Other Oxygenates <sup>3</sup> .....	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	179	50	—	93	932	1,254	40
Fuel Ethanol .....	—	—	—	—	—	—	—
Biodiesel .....	179	50	—	93	39	361	12
Other Renewable Diesel Fuel .....	—	—	—	—	893	893	29
Other Renewable Fuels .....	—	—	—	—	—	—	—
Other Hydrocarbons .....	—	—	24	—	—	24	1
Unfinished Oils <sup>1</sup> .....	2,396	—	11,053	25	1,133	14,607	471
Naphthas and Lighter .....	519	—	104	—	—	623	20
Kerosene and Lighter Gas Oils .....	—	—	—	25	45	70	2
Heavy Gas Oils .....	1,877	—	3,920	—	1,088	6,885	222
Residuum .....	—	—	7,029	—	—	7,029	227
Motor Gasoline Blend Comp. (MGBC) .....	19,724	461	3,514	60	1,189	24,948	805
Reformulated - RBOB .....	6,517	—	—	—	—	6,517	210
Conventional .....	13,207	461	3,514	60	1,189	18,431	595
CBOB .....	725	—	—	—	—	725	23
GTAB .....	4,184	153	163	—	64	4,564	147
Other .....	8,298	308	3,351	60	1,125	13,142	424
Aviation Gasoline Blend Comp. .....	—	—	—	—	—	—	—
<b>Finished Petroleum Products</b> .....	<b>20,395</b>	<b>1,235</b>	<b>4,497</b>	<b>316</b>	<b>3,347</b>	<b>29,790</b>	<b>961</b>
Finished Motor Gasoline .....	3,125	—	256	—	316	3,697	119
Reformulated .....	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—
Reformulated Other .....	—	—	—	—	—	—	—
Conventional .....	3,125	—	256	—	316	3,697	119
Conventional Blended with Fuel Ethanol .....	—	—	—	—	—	—	—
Ed55 and Lower .....	—	—	—	—	—	—	—
Greater than Ed55 .....	—	—	—	—	—	—	—
Conventional Other .....	3,125	—	256	—	316	3,697	119
Finished Aviation Gasoline .....	14	5	13	3	1	36	1
Kerosene-Type Jet Fuel .....	1,022	—	—	12	1,856	2,890	93
Bonded Aircraft Fuel .....	—	—	—	—	363	363	12
Other .....	1,022	—	—	12	1,493	2,527	82
Kerosene .....	—	—	—	—	—	—	—
Distillate Fuel Oil .....	13,038	153	375	254	467	14,287	461
15 ppm sulfur and under .....	13,038	151	375	254	467	14,285	461
Bonded .....	—	—	—	—	—	—	—
Other .....	13,038	151	375	254	467	14,285	461
Greater than 15 ppm to 500 ppm sulfur .....	—	1	—	—	—	1	0
Bonded .....	—	—	—	—	—	—	—
Other .....	—	1	—	—	—	1	0
Greater than 500 ppm to 2000 ppm sulfur .....	—	1	—	—	—	1	0
Bonded .....	—	—	—	—	—	—	—
Other .....	—	1	—	—	—	1	0
Greater than 2000 ppm .....	—	—	—	—	—	—	—
Bonded .....	—	—	—	—	—	—	—
Other .....	—	—	—	—	—	—	—
Residual Fuel Oil .....	1,936	90	1,960	—	570	4,556	147
Less than 0.31 percent sulfur .....	200	—	—	—	—	200	6
0.31 to 1.00 percent sulfur .....	973	39	65	—	494	1,571	51
Greater than 1.00 percent sulfur .....	763	51	1,895	—	76	2,785	90
Petrochemical Feedstocks .....	106	128	467	—	—	701	23
Naphtha for Petro. Feed. Use .....	105	67	421	—	—	593	19
Other Oils for Petro. Feed. Use .....	1	61	46	—	—	108	3
Special Naphthas .....	3	9	265	—	—	277	9
Lubricants .....	147	198	789	—	7	1,141	37
Waxes .....	90	16	27	—	70	203	7
Petroleum Coke (Marketable) .....	—	28	345	—	—	373	12
Asphalt and Road Oil .....	914	608	—	46	60	1,628	53
Miscellaneous Products .....	—	—	—	1	—	1	0
<b>Total</b> .....	<b>61,142</b>	<b>88,349</b>	<b>60,784</b>	<b>9,983</b>	<b>36,678</b>	<b>256,936</b>	<b>8,288</b>

-- = Not Applicable.

- - = 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 38. Year-to-Date Imports of Crude Oil and Petroleum Products by PAD District, January-March 2021**  
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
<b>Crude Oil<sup>1,2</sup></b>	<b>43,641</b>	<b>235,964</b>	<b>121,669</b>	<b>26,344</b>	<b>87,565</b>	<b>515,183</b>	<b>5,724</b>
<b>Hydrocarbon Gas Liquids</b>	<b>5,364</b>	<b>8,749</b>	<b>32</b>	<b>1,855</b>	<b>4,982</b>	<b>20,982</b>	<b>233</b>
Natural Gas Liquids	4,485	7,985	—	1,855	4,982	19,307	215
Ethane	—	—	—	—	—	—	—
Propane	4,125	5,886	—	1,488	3,398	14,897	166
Normal Butane	285	1,731	—	322	1,584	3,922	44
Isobutane	75	350	—	45	—	470	5
Natural Gasoline	—	18	—	—	—	18	0
Refinery Olefins	879	764	32	—	—	1,675	19
Ethylene	—	—	—	—	—	—	—
Propylene	879	565	—	—	—	1,444	16
Normal Butylene	—	179	32	—	—	211	2
Isobutylene	—	20	—	—	—	20	0
<b>Other Liquids</b>	<b>52,218</b>	<b>1,067</b>	<b>40,316</b>	<b>318</b>	<b>7,688</b>	<b>101,607</b>	<b>1,129</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	396	144	29	140	2,577	3,286	37
Hydrogen	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
Other Oxygenates <sup>3</sup>	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	396	144	—	140	2,577	3,257	36
Fuel Ethanol	—	—	—	—	—	—	—
Biodiesel	396	144	—	140	172	852	9
Other Renewable Diesel Fuel	—	—	—	—	2,405	2,405	27
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	29	—	—	29	0
Unfinished Oils <sup>1</sup>	5,962	—	35,138	25	2,440	43,565	484
Naphthas and Lighter	1,497	—	104	—	346	1,947	22
Kerosene and Lighter Gas Oils	—	—	4	25	122	151	2
Heavy Gas Oils	4,465	—	12,201	—	1,972	18,638	207
Residuum	—	—	22,829	—	—	22,829	254
Motor Gasoline Blend Comp. (MGBC)	45,860	923	5,149	153	2,671	54,756	608
Reformulated - RBOB	16,683	—	—	—	—	16,683	185
Conventional	29,177	923	5,149	153	2,671	38,073	423
CBOB	1,672	—	—	—	271	1,943	22
GTAB	9,044	153	163	—	64	9,424	105
Other	18,461	770	4,986	153	2,336	26,706	297
Aviation Gasoline Blend Comp.	—	—	—	—	—	—	—
<b>Finished Petroleum Products</b>	<b>46,505</b>	<b>3,948</b>	<b>14,456</b>	<b>760</b>	<b>13,012</b>	<b>78,681</b>	<b>874</b>
Finished Motor Gasoline	5,032	—	562	—	1,061	6,655	74
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	5,032	—	562	—	1,061	6,655	74
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	5,032	—	562	—	1,061	6,655	74
Finished Aviation Gasoline	16	11	54	6	6	93	1
Kerosene-Type Jet Fuel	2,735	—	—	50	7,114	9,899	110
Bonded Aircraft Fuel	—	—	—	—	809	809	9
Other	2,735	—	—	50	6,305	9,090	101
Kerosene	—	—	—	—	—	—	—
Distillate Fuel Oil	31,853	602	775	568	1,847	35,645	396
15 ppm sulfur and under	31,853	597	375	568	1,534	34,927	388
Bonded	—	—	—	—	—	—	—
Other	31,853	597	375	568	1,534	34,927	388
Greater than 15 ppm to 500 ppm sulfur	—	3	—	—	313	316	4
Bonded	—	—	—	—	—	—	—
Other	—	3	—	—	313	316	4
Greater than 500 ppm to 2000 ppm sulfur	—	2	400	—	—	402	4
Bonded	—	—	—	—	—	—	—
Other	—	2	400	—	—	402	4
Greater than 2000 ppm	—	—	—	—	—	—	—
Bonded	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—
Residual Fuel Oil	4,109	803	7,821	—	2,525	15,258	170
Less than 0.31 percent sulfur	200	—	891	—	—	1,091	12
0.31 to 1.00 percent sulfur	1,897	146	335	—	1,469	3,847	43
Greater than 1.00 percent sulfur	2,012	657	6,595	—	1,056	10,320	115
Petrochemical Feedstocks	331	423	929	—	44	1,727	19
Naphtha for Petro. Feed. Use	322	232	810	—	44	1,408	16
Other Oils for Petro. Feed. Use	9	191	119	—	—	319	4
Special Naphthas	10	21	692	—	—	723	8
Lubricants	412	634	2,642	—	70	3,758	42
Waxes	305	47	119	—	99	570	6
Petroleum Coke (Marketable)	7	95	764	—	—	866	10
Asphalt and Road Oil	1,695	1,312	98	133	246	3,484	39
Miscellaneous Products	—	—	—	3	—	3	0
<b>Total</b>	<b>147,728</b>	<b>249,728</b>	<b>176,473</b>	<b>29,277</b>	<b>113,247</b>	<b>716,453</b>	<b>7,961</b>

-- = Not Applicable.

- = 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 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, March 2021**  
(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>20,828</b>	<b>57</b>	<b>-</b>	<b>21</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,552</b>	<b>1,552</b>
Algeria .....	937	-	-	-	-	-	-	-	326	326
Angola .....	1,610	-	-	-	-	-	-	-	325	325
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	57	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-	-
Iran .....	1,033	-	-	-	-	-	-	-	-	-
Iraq .....	4,188	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-
Libya .....	622	-	-	21	-	-	-	-	-	-
Nigeria .....	2,855	-	-	-	-	-	-	-	531	531
Saudi Arabia .....	9,583	-	-	-	-	-	-	-	176	176
United Arab Emirates .....	-	-	-	-	-	-	-	-	194	194
Venezuela .....	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	<b>158,569</b>	<b>6,302</b>	<b>557</b>	<b>14,586</b>	<b>-</b>	<b>3,697</b>	<b>3,697</b>	<b>6,517</b>	<b>16,879</b>	<b>23,396</b>
Argentina .....	438	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	124	-	106	106	70	852	922
Brazil .....	2,007	-	-	-	-	-	-	-	318	318
Brunei .....	492	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-
Canada .....	119,119	6,302	557	129	-	1,019	1,019	3,699	1,143	4,842
Chad .....	-	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-	-
Colombia .....	4,130	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	54	-	54
Ecuador .....	4,354	-	-	55	-	-	-	-	-	-
Egypt .....	-	-	-	912	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	104	-	56	56	-	1,222	1,222
France .....	-	-	-	-	-	-	-	614	811	1,425
Germany .....	-	-	-	-	-	34	34	-	31	31
Guatemala .....	282	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	154	154	-	1,765	1,765
Indonesia .....	-	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	222	-	-	-	-	935	935
Korea, South .....	-	-	-	-	-	125	125	-	920	920
Latvia .....	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	261	261	-	19	19
Malaysia .....	-	-	-	-	-	-	-	-	-	-
Mexico .....	14,941	-	-	1,248	-	-	-	-	-	-
Netherlands .....	-	-	-	153	-	767	767	830	1,829	2,659
Norway .....	1,496	-	-	556	-	100	100	470	217	687
Oman .....	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	133	133	278	359	637
Qatar .....	-	-	-	-	-	-	-	-	-	-
Russia .....	6,100	-	-	10,453	-	521	521	-	2,741	2,741
Spain .....	-	-	-	-	-	56	56	1	1,278	1,279
Sweden .....	-	-	-	1	-	143	143	7	340	347
Syria .....	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	1,029	-	-	-	-	-	-	-	-	-
United Kingdom .....	2,389	-	-	-	-	122	122	493	652	1,145
Vietnam .....	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	473	-	-	-	-	467	467
Yemen .....	-	-	-	-	-	-	-	-	-	-
Other .....	1,792	0	0	156	-	100	100	1	980	981
<b>Total</b> .....	<b>179,397</b>	<b>6,359</b>	<b>557</b>	<b>14,607</b>	<b>-</b>	<b>3,697</b>	<b>3,697</b>	<b>6,517</b>	<b>18,431</b>	<b>24,948</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>14,804</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>370</b>	<b>370</b>

See footnotes at end of table.

**Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, March 2021**  
(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>	--	--	-	-	-	-	1,618	-	-	-	1,618
Algeria	--	--	-	-	-	-	-	-	-	-	-
Angola	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	--	--	-	-	-	-	-	-	-	-	-
Equatorial Guinea	--	--	-	-	-	-	-	-	-	-	-
Gabon	--	--	-	-	-	-	-	-	-	-	-
Iran	--	--	-	-	-	-	-	-	-	-	-
Iraq	--	--	-	-	-	-	-	-	-	-	-
Kuwait	--	--	-	-	-	-	-	-	-	-	-
Libya	--	--	-	-	-	-	-	-	-	-	-
Nigeria	--	--	-	-	-	-	392	-	-	-	392
Saudi Arabia	--	--	-	-	-	-	1,109	-	-	-	1,109
United Arab Emirates	--	--	-	-	-	-	117	-	-	-	117
Venezuela	--	--	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b>	--	--	-	361	893	-	12,667	1	1	-	12,669
Argentina	--	--	-	-	-	-	-	-	-	-	-
Aruba	--	--	-	-	-	-	-	-	-	-	-
Australia	--	--	-	-	-	-	-	-	-	-	-
Bahamas	--	--	-	-	-	-	-	-	-	-	-
Bahrain	--	--	-	-	-	-	308	-	-	-	308
Belgium	--	--	-	-	-	-	220	-	-	-	220
Brazil	--	--	-	-	-	-	41	-	-	-	41
Brunei	--	--	-	-	-	-	-	-	-	-	-
Cameroon	--	--	-	-	-	-	-	-	-	-	-
Canada	--	--	-	255	-	-	4,849	1	1	-	4,851
Chad	--	--	-	-	-	-	-	-	-	-	-
China	--	--	-	-	-	-	-	-	-	-	-
Colombia	--	--	-	-	-	-	856	-	-	-	856
Denmark	--	--	-	-	-	-	-	-	-	-	-
Ecuador	--	--	-	-	-	-	-	-	-	-	-
Egypt	--	--	-	-	-	-	-	-	-	-	-
Estonia	--	--	-	-	-	-	-	-	-	-	-
Finland	--	--	-	-	-	-	-	-	-	-	-
France	--	--	-	-	-	-	-	-	-	-	-
Germany	--	--	-	70	-	-	-	-	-	-	-
Guatemala	--	--	-	-	-	-	-	-	-	-	-
India	--	--	-	-	-	-	1,497	-	-	-	1,497
Indonesia	--	--	-	-	-	-	-	-	-	-	-
Italy	--	--	-	-	-	-	-	-	-	-	-
Korea, South	--	--	-	36	-	-	-	-	-	-	-
Latvia	--	--	-	-	-	-	-	-	-	-	-
Lithuania	--	--	-	-	-	-	-	-	-	-	-
Malaysia	--	--	-	-	-	-	-	-	-	-	-
Mexico	--	--	-	-	-	-	71	-	-	-	71
Netherlands	--	--	-	-	-	-	2,298	-	-	-	2,298
Norway	--	--	-	-	-	-	-	-	-	-	-
Oman	--	--	-	-	-	-	-	-	-	-	-
Portugal	--	--	-	-	-	-	-	-	-	-	-
Qatar	--	--	-	-	-	-	469	-	-	-	469
Russia	--	--	-	-	-	-	1,885	-	-	-	1,885
Spain	--	--	-	-	-	-	-	-	-	-	-
Sweden	--	--	-	-	-	-	97	-	-	-	97
Syria	--	--	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	--	--	-	-	-	-	-	-	-	-	-
United Kingdom	--	--	-	-	-	-	-	-	-	-	-
Vietnam	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	--	--	-	-	-	-	76	-	-	-	76
Yemen	--	--	-	-	-	-	-	-	-	-	-
Other	--	--	-	0	893	-	0	0	0	-	0
<b>Total</b>	--	--	-	361	893	-	14,285	1	1	-	14,287
<b>Persian Gulf<sup>3</sup></b>	--	--	-	-	-	-	2,003	-	-	-	2,003

See footnotes at end of table.

**Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, March 2021**  
(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> .....	-	-	-	461	-	-	74	-	74
Algeria .....	-	-	-	461	-	-	37	-	37
Angola .....	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	37	-	37
Iran .....	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	36	-	2,429	277	200	1,497	2,785	4,482
Argentina .....	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	250	250
Bahrain .....	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	67	-	23	-	23
Brunei .....	-	-	-	313	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-
Canada .....	-	10	-	285	12	-	346	127	473
Chad .....	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	139	139
Denmark .....	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	44	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	1,294	154	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	1,251	1,251
Netherlands .....	-	26	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	499	579	1,078
Spain .....	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	228	-	200	584	-	784
Yemen .....	-	-	-	-	-	-	-	-	-
Other .....	-	0	-	309	0	0	45	439	484
<b>Total</b> .....	-	36	-	2,890	277	200	1,571	2,785	4,556
<b>Persian Gulf<sup>6</sup></b> .....	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, March 2021**  
(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>50</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>14</b>	<b>-</b>	<b>3,847</b>	<b>24,675</b>	<b>672</b>	<b>124</b>	<b>796</b>
Algeria	-	-	-	-	-	-	-	824	1,761	30	27	57
Angola	-	-	-	-	-	-	-	325	1,935	52	10	62
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	57	57	-	2	2
Gabon	-	-	-	-	-	-	-	37	37	-	1	1
Iran	-	-	-	-	-	-	-	-	1,033	33	-	33
Iraq	-	-	-	-	-	-	-	-	4,188	135	-	135
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	21	643	20	1	21
Nigeria	50	-	-	-	-	-	-	973	3,828	92	31	123
Saudi Arabia	-	-	-	-	-	-	-	1,285	10,868	309	41	351
United Arab Emirates	-	-	-	-	-	14	-	325	325	-	10	10
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b>	<b>543</b>	<b>108</b>	<b>203</b>	<b>373</b>	<b>1,628</b>	<b>1,127</b>	<b>1</b>	<b>73,692</b>	<b>232,261</b>	<b>5,115</b>	<b>2,377</b>	<b>7,492</b>
Argentina	-	17	-	56	-	3	-	76	514	14	2	17
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	250	250	-	8	8
Bahrain	-	-	-	-	-	106	-	414	414	-	13	13
Belgium	37	-	-	-	-	33	-	1,442	1,442	-	47	47
Brazil	-	-	-	131	-	-	-	580	2,587	65	19	83
Brunei	-	-	-	-	-	-	-	313	805	16	10	26
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	71	62	89	28	1,453	311	1	20,750	139,869	3,843	669	4,512
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	45	-	-	-	-	45	45	-	1	1
Colombia	-	-	-	-	44	-	-	1,039	5,169	133	34	167
Denmark	-	-	-	-	-	-	-	54	54	-	2	2
Ecuador	-	-	-	-	-	-	-	55	4,409	140	2	142
Egypt	-	-	-	-	-	-	-	912	912	-	29	29
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	1,382	1,382	-	45	45
France	11	29	-	-	-	5	-	1,470	1,470	-	47	47
Germany	-	-	-	-	-	10	-	145	145	-	5	5
Guatemala	-	-	-	-	-	-	-	-	282	9	-	9
India	-	-	-	-	-	-	-	3,460	3,460	-	112	112
Indonesia	-	-	-	-	-	92	-	92	92	-	3	3
Italy	-	-	-	-	41	5	-	1,203	1,203	-	39	39
Korea, South	45	-	-	-	-	252	-	2,826	2,826	-	91	91
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	280	280	-	9	9
Malaysia	-	-	12	-	-	-	-	12	12	-	0	0
Mexico	105	-	-	-	-	-	-	2,675	17,616	482	86	568
Netherlands	-	-	-	-	-	18	-	5,941	5,941	-	192	192
Norway	-	-	-	-	-	-	-	1,343	2,839	48	43	92
Oman	-	-	-	-	-	49	-	49	49	-	2	2
Portugal	-	-	-	-	-	-	-	770	770	-	25	25
Qatar	-	-	-	-	-	238	-	707	707	-	23	23
Russia	-	-	-	158	-	2	-	16,838	22,938	197	543	740
Spain	-	-	1	-	90	-	-	1,426	1,426	-	46	46
Sweden	-	-	-	-	-	1	-	589	589	-	19	19
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	1,029	33	-	33
United Kingdom	28	-	15	-	-	-	-	1,310	3,699	77	42	119
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	40	-	-	-	-	-	-	2,068	2,068	-	67	67
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	206	0	41	0	0	2	0	3,176	4,968	58	102	159
<b>Total</b>	<b>593</b>	<b>108</b>	<b>203</b>	<b>373</b>	<b>1,628</b>	<b>1,141</b>	<b>1</b>	<b>77,539</b>	<b>256,936</b>	<b>5,787</b>	<b>2,501</b>	<b>8,288</b>
<b>Persian Gulf<sup>6</sup></b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>358</b>	<b>-</b>	<b>2,731</b>	<b>17,535</b>	<b>478</b>	<b>88</b>	<b>566</b>

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by 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 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-March 2021**  
(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>54,408</b>	<b>111</b>	<b>-</b>	<b>650</b>	<b>-</b>	<b>153</b>	<b>153</b>	<b>-</b>	<b>2,435</b>	<b>2,435</b>
Algeria	3,073	-	-	-	-	-	-	-	326	326
Angola	2,936	-	-	-	-	-	-	-	647	647
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	111	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	6	6
Iran	1,033	-	-	-	-	-	-	-	-	-
Iraq	10,340	-	-	528	-	-	-	-	-	-
Kuwait	649	-	-	-	-	-	-	-	-	-
Libya	5,063	-	-	21	-	-	-	-	-	-
Nigeria	8,098	-	-	101	-	-	-	-	998	998
Saudi Arabia	23,216	-	-	-	-	153	153	-	226	226
United Arab Emirates	-	-	-	-	-	-	-	-	232	232
Venezuela	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b>	<b>460,775</b>	<b>19,196</b>	<b>1,675</b>	<b>42,915</b>	<b>-</b>	<b>6,502</b>	<b>6,502</b>	<b>16,683</b>	<b>35,638</b>	<b>52,321</b>
Argentina	1,509	55	-	12	-	-	-	-	37	37
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	124	-	106	106	390	1,150	1,540
Brazil	6,740	-	-	-	-	-	-	-	685	685
Brunei	1,499	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	338,965	18,886	1,643	539	-	1,977	1,977	10,722	4,075	14,797
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	15,910	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	54	-	54
Ecuador	12,183	-	-	608	-	-	-	-	-	-
Egypt	-	-	-	2,976	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	104	-	107	107	-	2,869	2,869
France	-	-	-	-	-	-	-	993	1,361	2,354
Germany	-	-	-	-	-	34	34	-	81	81
Guatemala	282	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	163	163	-	3,760	3,760
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	222	-	511	511	-	2,122	2,122
Korea, South	-	2	-	-	-	462	462	-	1,133	1,133
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	263	263	-	19	19
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	49,467	-	32	3,660	-	-	-	-	-	-
Netherlands	-	-	-	153	-	767	767	2,295	3,298	5,593
Norway	3,617	253	-	707	-	100	100	470	217	687
Oman	-	-	-	-	-	-	-	-	33	33
Portugal	-	-	-	-	-	133	133	278	2,263	2,541
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	10,804	-	-	31,692	-	1,270	1,270	-	4,219	4,219
Spain	-	-	-	-	-	56	56	1	1,892	1,893
Sweden	-	-	-	1	-	143	143	7	1,305	1,312
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	3,619	-	-	-	-	-	-	-	-	-
United Kingdom	3,826	-	-	-	-	122	122	1,472	1,608	3,080
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	1,432	-	-	-	-	808	808
Yemen	-	-	-	-	-	-	-	-	-	-
Other	12,354	0	0	685	-	288	288	1	2,703	2,704
<b>Total</b>	<b>515,183</b>	<b>19,307</b>	<b>1,675</b>	<b>43,565</b>	<b>-</b>	<b>6,655</b>	<b>6,655</b>	<b>16,683</b>	<b>38,073</b>	<b>54,756</b>
<b>Persian Gulf<sup>3</sup></b>	<b>35,238</b>	<b>-</b>	<b>-</b>	<b>528</b>	<b>-</b>	<b>153</b>	<b>153</b>	<b>-</b>	<b>458</b>	<b>458</b>

See footnotes at end of table.

**Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-March 2021**  
(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>	--	--	-	-	-	-	4,246	-	-	-	4,246
Algeria	--	--	-	-	-	-	-	-	-	-	-
Angola	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	--	--	-	-	-	-	-	-	-	-	-
Equatorial Guinea	--	--	-	-	-	-	-	-	-	-	-
Gabon	--	--	-	-	-	-	24	-	-	-	24
Iran	--	--	-	-	-	-	-	-	-	-	-
Iraq	--	--	-	-	-	-	-	-	-	-	-
Kuwait	--	--	-	-	-	-	-	-	-	-	-
Libya	--	--	-	-	-	-	-	-	-	-	-
Nigeria	--	--	-	-	-	-	1,276	-	-	-	1,276
Saudi Arabia	--	--	-	-	-	-	2,076	-	-	-	2,076
United Arab Emirates	--	--	-	-	-	-	870	-	-	-	870
Venezuela	--	--	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b>	--	--	-	852	2,405	-	30,681	316	402	-	31,399
Argentina	--	--	-	-	-	-	-	-	-	-	-
Aruba	--	--	-	-	-	-	-	-	-	-	-
Australia	--	--	-	-	-	-	-	-	-	-	-
Bahamas	--	--	-	-	-	-	-	-	-	-	-
Bahrain	--	--	-	-	-	-	308	-	-	-	308
Belgium	--	--	-	-	-	-	787	-	-	-	787
Brazil	--	--	-	-	-	-	41	-	-	-	41
Brunei	--	--	-	-	-	-	-	-	-	-	-
Cameroon	--	--	-	-	-	-	-	-	-	-	-
Canada	--	--	-	667	-	-	13,961	3	2	-	13,966
Chad	--	--	-	-	-	-	-	-	-	-	-
China	--	--	-	-	-	-	-	-	-	-	-
Colombia	--	--	-	-	-	-	2,653	-	-	-	2,653
Denmark	--	--	-	-	-	-	-	-	-	-	-
Ecuador	--	--	-	-	-	-	-	-	-	-	-
Egypt	--	--	-	-	-	-	-	-	-	-	-
Estonia	--	--	-	-	-	-	-	-	-	-	-
Finland	--	--	-	-	-	-	-	-	-	-	-
France	--	--	-	-	-	-	-	-	-	-	-
Germany	--	--	-	70	-	-	-	-	-	-	-
Guatemala	--	--	-	-	-	-	-	-	-	-	-
India	--	--	-	-	-	-	2,880	-	-	-	2,880
Indonesia	--	--	-	-	-	-	63	-	-	-	63
Italy	--	--	-	-	-	-	-	-	-	-	-
Korea, South	--	--	-	115	-	-	498	313	-	-	811
Latvia	--	--	-	-	-	-	-	-	-	-	-
Lithuania	--	--	-	-	-	-	-	-	-	-	-
Malaysia	--	--	-	-	-	-	-	-	-	-	-
Mexico	--	--	-	-	-	-	71	-	-	-	71
Netherlands	--	--	-	-	-	-	3,520	-	-	-	3,520
Norway	--	--	-	-	-	-	-	-	-	-	-
Oman	--	--	-	-	-	-	1,518	-	-	-	1,518
Portugal	--	--	-	-	-	-	-	-	-	-	-
Qatar	--	--	-	-	-	-	765	-	-	-	765
Russia	--	--	-	-	-	-	3,141	-	-	-	3,141
Spain	--	--	-	-	-	-	-	-	-	-	-
Sweden	--	--	-	-	-	-	97	-	-	-	97
Syria	--	--	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	--	--	-	-	-	-	-	-	-	-	-
United Kingdom	--	--	-	-	-	-	-	-	-	-	-
Vietnam	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	--	--	-	-	-	-	378	-	400	-	778
Yemen	--	--	-	-	-	-	-	-	-	-	-
Other	--	--	-	0	2,405	-	0	0	0	-	0
<b>Total</b>	--	--	-	852	2,405	-	34,927	316	402	-	35,645
<b>Persian Gulf<sup>3</sup></b>	--	--	-	-	-	-	4,019	-	-	-	4,019

See footnotes at end of table.

**Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-March 2021**  
(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> .....	-	-	-	902	36	-	74	-	74
Algeria .....	-	-	-	727	-	-	37	-	37
Angola .....	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	37	-	37
Iran .....	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	36	-	-	-	-
United Arab Emirates .....	-	-	-	175	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	93	-	8,997	687	1,091	3,773	10,320	15,184
Argentina .....	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	101	366	467
Bahrain .....	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	67	-	151	110	261
Brunei .....	-	-	-	313	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-
Canada .....	-	26	-	1,003	113	292	697	453	1,442
Chad .....	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	124	-	-	-	326	326
Denmark .....	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	449	449
Egypt .....	-	-	-	-	-	-	-	535	535
Estonia .....	-	-	-	-	-	-	147	-	147
Finland .....	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-
India .....	-	-	-	515	89	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	524	-	-	-	-	-
Korea, South .....	-	-	-	5,981	336	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	72	4,294	4,366
Netherlands .....	-	67	-	-	-	-	205	38	243
Norway .....	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	599	1,398	2,376	4,373
Spain .....	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	228	-	200	698	21	919
Yemen .....	-	-	-	-	-	-	-	-	-
Other .....	-	0	-	309	82	0	304	1,352	1,656
<b>Total</b> .....	-	93	-	9,899	723	1,091	3,847	10,320	15,258
<b>Persian Gulf<sup>3</sup></b> .....	-	-	-	175	36	-	-	-	-

See footnotes at end of table.

**Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-March 2021**  
(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>50</b>	<b>--</b>	<b>--</b>	<b>157</b>	<b>--</b>	<b>410</b>	<b>--</b>	<b>9,224</b>	<b>63,632</b>	<b>605</b>	<b>102</b>	<b>707</b>
Algeria	--	--	--	--	--	--	--	1,090	4,163	34	12	46
Angola	--	--	--	--	--	--	--	647	3,583	33	7	40
Congo (Brazzaville)	--	--	--	--	--	--	--	--	--	--	--	--
Equatorial Guinea	--	--	--	--	--	--	--	111	111	--	1	1
Gabon	--	--	--	--	--	--	--	67	67	--	1	1
Iran	--	--	--	--	--	--	--	--	1,033	11	--	11
Iraq	--	--	--	--	--	--	--	528	10,868	115	6	121
Kuwait	--	--	--	157	--	--	--	157	806	7	2	9
Libya	--	--	--	--	--	--	--	21	5,084	56	0	56
Nigeria	50	--	--	--	--	--	--	2,425	10,523	90	27	117
Saudi Arabia	--	--	--	--	--	36	--	2,527	25,743	258	28	286
United Arab Emirates	--	--	--	--	--	374	--	1,651	1,651	--	18	18
Venezuela	--	--	--	--	--	--	--	--	--	--	--	--
<b>Non-OPEC</b>	<b>1,358</b>	<b>319</b>	<b>570</b>	<b>709</b>	<b>3,484</b>	<b>3,348</b>	<b>3</b>	<b>192,046</b>	<b>652,821</b>	<b>5,120</b>	<b>2,134</b>	<b>7,254</b>
Argentina	--	72	--	187	--	11	--	374	1,883	17	4	21
Aruba	--	--	--	--	--	--	--	--	--	--	--	--
Australia	--	--	--	--	--	--	--	--	--	--	--	--
Bahamas	--	--	--	--	--	--	--	467	467	--	5	5
Bahrain	--	--	--	--	--	192	--	500	500	--	6	6
Belgium	73	--	--	--	--	49	--	2,679	2,679	--	30	30
Brazil	--	--	--	131	--	--	--	1,185	7,925	75	13	88
Brunei	--	--	--	--	--	--	--	313	1,812	17	3	20
Cameroon	--	--	--	--	--	--	--	--	--	--	--	--
Canada	242	200	244	95	3,225	959	3	60,027	398,992	3,766	667	4,433
Chad	--	--	--	--	--	--	--	--	--	--	--	--
China	--	--	105	--	--	--	--	105	105	--	1	1
Colombia	--	--	--	--	128	--	--	3,231	19,141	177	36	213
Denmark	--	--	--	--	--	--	--	54	54	--	1	1
Ecuador	--	--	--	--	--	--	--	1,057	13,240	135	12	147
Egypt	--	--	--	--	--	--	--	3,511	3,511	--	39	39
Estonia	--	--	--	--	--	--	--	147	147	--	2	2
Finland	--	--	--	--	--	--	--	3,080	3,080	--	34	34
France	11	47	13	--	--	23	--	2,448	2,448	--	27	27
Germany	--	--	--	--	--	27	--	212	212	--	2	2
Guatemala	--	--	--	--	--	--	--	--	282	3	--	3
India	--	--	--	--	--	--	--	7,407	7,407	--	82	82
Indonesia	--	--	--	--	--	196	--	259	259	--	3	3
Italy	--	--	10	--	41	53	--	3,483	3,483	--	39	39
Korea, South	86	--	2	--	--	741	--	9,669	9,669	--	107	107
Latvia	--	--	--	--	--	--	--	--	--	--	--	--
Lithuania	--	--	--	--	--	--	--	282	282	--	3	3
Malaysia	--	--	51	--	--	1	--	52	52	--	1	1
Mexico	354	--	--	--	--	--	--	8,483	57,950	550	94	644
Netherlands	--	--	--	--	--	59	--	10,422	10,422	--	116	116
Norway	--	--	--	--	--	--	--	1,747	5,364	40	19	60
Oman	--	--	--	114	--	49	--	1,714	1,714	--	19	19
Portugal	--	--	--	--	--	--	--	2,674	2,674	--	30	30
Qatar	--	--	--	--	--	981	--	1,746	1,746	--	19	19
Russia	74	--	--	158	--	2	--	44,929	55,733	120	499	619
Spain	--	--	5	--	90	--	--	2,044	2,044	--	23	23
Sweden	--	--	--	7	--	2	--	1,562	1,562	--	17	17
Syria	--	--	--	--	--	--	--	--	--	--	--	--
Trinidad and Tobago	--	--	--	--	--	--	--	--	3,619	40	--	40
United Kingdom	28	--	37	--	--	--	--	3,267	7,093	43	36	79
Vietnam	--	--	--	--	--	--	--	--	--	--	--	--
Virgin Islands, U.S.	177	--	--	--	--	--	--	4,342	4,342	--	48	48
Yemen	--	--	--	--	--	--	--	--	--	--	--	--
Other	313	0	103	17	0	3	0	8,574	20,928	137	97	233
<b>Total</b>	<b>1,408</b>	<b>319</b>	<b>570</b>	<b>866</b>	<b>3,484</b>	<b>3,758</b>	<b>3</b>	<b>201,270</b>	<b>716,453</b>	<b>5,724</b>	<b>2,236</b>	<b>7,961</b>
<b>Persian Gulf<sup>3</sup></b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>157</b>	<b>--</b>	<b>1,583</b>	<b>--</b>	<b>7,109</b>	<b>42,347</b>	<b>392</b>	<b>79</b>	<b>471</b>

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by 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 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2021**  
(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>4,522</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>857</b>	<b>857</b>
Algeria	937	-	-	-	-	-	-	-	326	326
Angola	22	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	338	-	-	-	-	-	-	-	-	-
Nigeria	1,585	-	-	-	-	-	-	-	531	531
Saudi Arabia	1,640	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b>	<b>12,042</b>	<b>1,571</b>	<b>313</b>	<b>2,396</b>	<b>-</b>	<b>3,125</b>	<b>3,125</b>	<b>6,517</b>	<b>12,350</b>	<b>18,867</b>
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	106	106	70	744	814
Brazil	-	-	-	-	-	-	-	-	275	275
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	4,681	1,571	313	-	-	828	828	3,699	702	4,401
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	54	-	54
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	358	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	56	56	-	965	965
France	-	-	-	-	-	-	-	614	811	1,425
Germany	-	-	-	-	-	34	34	-	1	1
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	154	154	-	836	836
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	180	-	-	-	-	383	383
Korea, South	-	-	-	-	-	-	-	-	770	770
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	261	261	-	19	19
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	1,491	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	767	767	830	1,735	2,565
Norway	1,496	-	-	229	-	100	100	470	217	687
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	133	133	278	314	592
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	2,873	-	-	1,629	-	421	421	-	2,739	2,739
Spain	-	-	-	-	-	-	-	1	1,198	1,199
Sweden	-	-	-	-	-	143	143	7	18	25
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	566	-	-	-	-	122	122	493	352	845
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	251	251
Yemen	-	-	-	-	-	-	-	-	-	-
Other	935	0	0	0	-	0	0	1	20	21
<b>Total</b>	<b>16,564</b>	<b>1,571</b>	<b>313</b>	<b>2,396</b>	<b>-</b>	<b>3,125</b>	<b>3,125</b>	<b>6,517</b>	<b>13,207</b>	<b>19,724</b>
<b>Persian Gulf<sup>3</sup></b>	<b>1,640</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 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2021**  
(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>	--	--	-	-	-	-	1,618	-	-	-	1,618
Algeria	--	--	-	-	-	-	-	-	-	-	-
Angola	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	--	--	-	-	-	-	-	-	-	-	-
Equatorial Guinea	--	--	-	-	-	-	-	-	-	-	-
Gabon	--	--	-	-	-	-	-	-	-	-	-
Iran	--	--	-	-	-	-	-	-	-	-	-
Iraq	--	--	-	-	-	-	-	-	-	-	-
Kuwait	--	--	-	-	-	-	-	-	-	-	-
Libya	--	--	-	-	-	-	-	-	-	-	-
Nigeria	--	--	-	-	-	-	392	-	-	-	392
Saudi Arabia	--	--	-	-	-	-	1,109	-	-	-	1,109
United Arab Emirates	--	--	-	-	-	-	117	-	-	-	117
Venezuela	--	--	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b>	--	--	-	179	-	-	11,420	-	-	-	11,420
Argentina	--	--	-	-	-	-	-	-	-	-	-
Aruba	--	--	-	-	-	-	-	-	-	-	-
Australia	--	--	-	-	-	-	-	-	-	-	-
Bahamas	--	--	-	-	-	-	-	-	-	-	-
Bahrain	--	--	-	-	-	-	308	-	-	-	308
Belgium	--	--	-	-	-	-	220	-	-	-	220
Brazil	--	--	-	-	-	-	-	-	-	-	-
Brunei	--	--	-	-	-	-	-	-	-	-	-
Cameroon	--	--	-	-	-	-	-	-	-	-	-
Canada	--	--	-	109	-	-	3,977	-	-	-	3,977
Chad	--	--	-	-	-	-	-	-	-	-	-
China	--	--	-	-	-	-	-	-	-	-	-
Colombia	--	--	-	-	-	-	593	-	-	-	593
Denmark	--	--	-	-	-	-	-	-	-	-	-
Ecuador	--	--	-	-	-	-	-	-	-	-	-
Egypt	--	--	-	-	-	-	-	-	-	-	-
Estonia	--	--	-	-	-	-	-	-	-	-	-
Finland	--	--	-	-	-	-	-	-	-	-	-
France	--	--	-	-	-	-	-	-	-	-	-
Germany	--	--	-	70	-	-	-	-	-	-	-
Guatemala	--	--	-	-	-	-	-	-	-	-	-
India	--	--	-	-	-	-	1,497	-	-	-	1,497
Indonesia	--	--	-	-	-	-	-	-	-	-	-
Italy	--	--	-	-	-	-	-	-	-	-	-
Korea, South	--	--	-	-	-	-	-	-	-	-	-
Latvia	--	--	-	-	-	-	-	-	-	-	-
Lithuania	--	--	-	-	-	-	-	-	-	-	-
Malaysia	--	--	-	-	-	-	-	-	-	-	-
Mexico	--	--	-	-	-	-	-	-	-	-	-
Netherlands	--	--	-	-	-	-	2,298	-	-	-	2,298
Norway	--	--	-	-	-	-	-	-	-	-	-
Oman	--	--	-	-	-	-	-	-	-	-	-
Portugal	--	--	-	-	-	-	-	-	-	-	-
Qatar	--	--	-	-	-	-	469	-	-	-	469
Russia	--	--	-	-	-	-	1,885	-	-	-	1,885
Spain	--	--	-	-	-	-	-	-	-	-	-
Sweden	--	--	-	-	-	-	97	-	-	-	97
Syria	--	--	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	--	--	-	-	-	-	-	-	-	-	-
United Kingdom	--	--	-	-	-	-	-	-	-	-	-
Vietnam	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	--	--	-	-	-	-	76	-	-	-	76
Yemen	--	--	-	-	-	-	-	-	-	-	-
Other	--	--	-	0	-	-	0	-	-	-	0
<b>Total</b>	--	--	-	179	-	-	13,038	-	-	-	13,038
<b>Persian Gulf<sup>3</sup></b>	--	--	-	-	-	-	2,003	-	-	-	2,003

See footnotes at end of table.

**Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2021**  
(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> .....	-	-	-	461	-	-	74	-	74
Algeria .....	-	-	-	461	-	-	37	-	37
Angola .....	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	37	-	37
Iran .....	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	14	-	561	3	200	899	763	1,862
Argentina .....	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	250	250
Bahrain .....	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	23	-	23
Brunei .....	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-
Canada .....	-	1	-	253	3	-	216	-	216
Chad .....	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	139	139
Denmark .....	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	80	-	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	372	372
Netherlands .....	-	13	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	31	-	31
Spain .....	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	228	-	200	584	-	784
Yemen .....	-	-	-	-	-	-	-	-	-
Other .....	-	0	-	0	0	0	45	2	47
<b>Total</b> .....	-	14	-	1,022	3	200	973	763	1,936
<b>Persian Gulf<sup>6</sup></b> .....	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2021**  
(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>50</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,060</b>	<b>7,582</b>	<b>146</b>	<b>99</b>	<b>245</b>
Algeria	-	-	-	-	-	-	-	824	1,761	30	27	57
Angola	-	-	-	-	-	-	-	-	22	1	-	1
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	37	37	-	1	1
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	338	11	-	11
Nigeria	50	-	-	-	-	-	-	973	2,558	51	31	83
Saudi Arabia	-	-	-	-	-	-	-	1,109	2,749	53	36	89
United Arab Emirates	-	-	-	-	-	-	-	117	117	-	4	4
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b>	<b>55</b>	<b>1</b>	<b>90</b>	<b>-</b>	<b>914</b>	<b>147</b>	<b>-</b>	<b>41,518</b>	<b>53,560</b>	<b>388</b>	<b>1,339</b>	<b>1,728</b>
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	250	250	-	8	8
Bahrain	-	-	-	-	-	-	-	308	308	-	10	10
Belgium	-	-	-	-	-	12	-	1,152	1,152	-	37	37
Brazil	-	-	-	-	-	-	-	298	298	-	10	10
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	4	1	73	-	739	101	-	12,590	17,271	151	406	557
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	3	-	-	-	-	3	3	-	0	0
Colombia	-	-	-	-	44	-	-	776	776	-	25	25
Denmark	-	-	-	-	-	-	-	54	54	-	2	2
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	358	358	-	12	12
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	1,021	1,021	-	33	33
France	11	-	-	-	-	-	2	1,438	1,438	-	46	46
Germany	-	-	-	-	-	-	6	111	111	-	4	4
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	2,487	2,487	-	80	80
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	41	1	-	605	605	-	20	20
Korea, South	-	-	-	-	-	22	-	872	872	-	28	28
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	280	280	-	9	9
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	372	1,863	48	12	60
Netherlands	-	-	-	-	-	-	-	5,643	5,643	-	182	182
Norway	-	-	-	-	-	-	-	1,016	2,512	48	33	81
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	725	725	-	23	23
Qatar	-	-	-	-	-	-	-	469	469	-	15	15
Russia	-	-	-	-	-	2	-	6,707	9,580	93	216	309
Spain	-	-	1	-	90	-	-	1,290	1,290	-	42	42
Sweden	-	-	-	-	-	-	-	265	265	-	9	9
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	967	1,533	18	31	49
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	40	-	-	-	-	-	-	1,379	1,379	-	44	44
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	0	0	13	-	0	1	-	82	1,017	30	2	33
<b>Total</b>	<b>105</b>	<b>1</b>	<b>90</b>	<b>-</b>	<b>914</b>	<b>147</b>	<b>-</b>	<b>44,578</b>	<b>61,142</b>	<b>534</b>	<b>1,438</b>	<b>1,972</b>
<b>Persian Gulf<sup>6</sup></b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,003</b>	<b>3,643</b>	<b>53</b>	<b>65</b>	<b>118</b>

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by 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 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2021**  
(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> .....	-	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	<b>83,751</b>	<b>2,608</b>	<b>244</b>	-	-	-	-	-	<b>461</b>	<b>461</b>
Argentina .....	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-
Canada .....	83,751	2,608	244	-	-	-	-	-	308	308
Chad .....	-	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	153	153
France .....	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	-	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	-	-	-
Spain .....	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-	-
Other .....	0	0	0	-	-	-	-	-	0	0
<b>Total</b> .....	<b>83,751</b>	<b>2,608</b>	<b>244</b>	-	-	-	-	-	<b>461</b>	<b>461</b>
<b>Persian Gulf<sup>3</sup></b> .....	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2021**  
(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 .....	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	--	--	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	--	--	-	-	-	-	-	-	-	-	-
Gabon .....	--	--	-	-	-	-	-	-	-	-	-
Iran .....	--	--	-	-	-	-	-	-	-	-	-
Iraq .....	--	--	-	-	-	-	-	-	-	-	-
Kuwait .....	--	--	-	-	-	-	-	-	-	-	-
Libya .....	--	--	-	-	-	-	-	-	-	-	-
Nigeria .....	--	--	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	--	--	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	--	--	-	-	-	-	-	-	-	-	-
Venezuela .....	--	--	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	--	--	-	50	-	-	151	1	1	-	153
Argentina .....	--	--	-	-	-	-	-	-	-	-	-
Aruba .....	--	--	-	-	-	-	-	-	-	-	-
Australia .....	--	--	-	-	-	-	-	-	-	-	-
Bahamas .....	--	--	-	-	-	-	-	-	-	-	-
Bahrain .....	--	--	-	-	-	-	-	-	-	-	-
Belgium .....	--	--	-	-	-	-	-	-	-	-	-
Brazil .....	--	--	-	-	-	-	-	-	-	-	-
Brunei .....	--	--	-	-	-	-	-	-	-	-	-
Cameroon .....	--	--	-	-	-	-	-	-	-	-	-
Canada .....	--	--	-	50	-	-	151	1	1	-	153
Chad .....	--	--	-	-	-	-	-	-	-	-	-
China .....	--	--	-	-	-	-	-	-	-	-	-
Colombia .....	--	--	-	-	-	-	-	-	-	-	-
Denmark .....	--	--	-	-	-	-	-	-	-	-	-
Ecuador .....	--	--	-	-	-	-	-	-	-	-	-
Egypt .....	--	--	-	-	-	-	-	-	-	-	-
Estonia .....	--	--	-	-	-	-	-	-	-	-	-
Finland .....	--	--	-	-	-	-	-	-	-	-	-
France .....	--	--	-	-	-	-	-	-	-	-	-
Germany .....	--	--	-	-	-	-	-	-	-	-	-
Guatemala .....	--	--	-	-	-	-	-	-	-	-	-
India .....	--	--	-	-	-	-	-	-	-	-	-
Indonesia .....	--	--	-	-	-	-	-	-	-	-	-
Italy .....	--	--	-	-	-	-	-	-	-	-	-
Korea, South .....	--	--	-	-	-	-	-	-	-	-	-
Latvia .....	--	--	-	-	-	-	-	-	-	-	-
Lithuania .....	--	--	-	-	-	-	-	-	-	-	-
Malaysia .....	--	--	-	-	-	-	-	-	-	-	-
Mexico .....	--	--	-	-	-	-	-	-	-	-	-
Netherlands .....	--	--	-	-	-	-	-	-	-	-	-
Norway .....	--	--	-	-	-	-	-	-	-	-	-
Oman .....	--	--	-	-	-	-	-	-	-	-	-
Portugal .....	--	--	-	-	-	-	-	-	-	-	-
Qatar .....	--	--	-	-	-	-	-	-	-	-	-
Russia .....	--	--	-	-	-	-	-	-	-	-	-
Spain .....	--	--	-	-	-	-	-	-	-	-	-
Sweden .....	--	--	-	-	-	-	-	-	-	-	-
Syria .....	--	--	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	--	--	-	-	-	-	-	-	-	-	-
United Kingdom .....	--	--	-	-	-	-	-	-	-	-	-
Vietnam .....	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	--	--	-	-	-	-	-	-	-	-	-
Yemen .....	--	--	-	-	-	-	-	-	-	-	-
Other .....	--	--	-	0	-	-	0	0	0	-	0
<b>Total</b> .....	--	--	-	50	-	-	151	1	1	-	153
<b>Persian Gulf<sup>3</sup></b> .....	--	--	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2021**  
(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> .....	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	5	-	-	9	-	39	51	90
Argentina .....	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-
Canada .....	-	5	-	-	9	-	39	51	90
Chad .....	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	-	-
Spain .....	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-
Other .....	-	0	-	-	0	-	0	0	0
<b>Total</b> .....	-	5	-	-	9	-	39	51	90
<b>Persian Gulf<sup>3</sup></b> .....	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2021**  
(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> .....	-	-	-	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	67	61	16	28	608	198	-	4,598	88,349	2,702	148	2,850
Argentina .....	-	-	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-	-	-
Canada .....	67	61	16	28	608	197	-	4,444	88,195	2,702	143	2,845
Chad .....	-	-	-	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	153	153	-	5	5
France .....	-	-	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	-	-	-	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	-	-	-	-	-
Spain .....	-	-	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	1	-	1	1	-	0	0
Syria .....	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-	-	-	-
Other .....	0	0	0	0	0	0	-	0	0	0	0	0
<b>Total</b> .....	<b>67</b>	<b>61</b>	<b>16</b>	<b>28</b>	<b>608</b>	<b>198</b>	<b>-</b>	<b>4,598</b>	<b>88,349</b>	<b>2,702</b>	<b>148</b>	<b>2,850</b>
<b>Persian Gulf<sup>6</sup></b> .....	-	-	-	-	-	-	-	-	-	-	-	-

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by 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 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2021**  
(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>5,930</b>	-	-	<b>21</b>	-	-	-	-	<b>325</b>	<b>325</b>
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	325	325
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	1,033	-	-	-	-	-	-	-	-	-
Iraq	1,177	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	284	-	-	21	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	3,436	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b>	<b>35,766</b>	-	-	<b>11,032</b>	-	<b>256</b>	<b>256</b>	-	<b>3,189</b>	<b>3,189</b>
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	124	-	-	-	-	108	108
Brazil	1,022	-	-	-	-	-	-	-	43	43
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	13,860	-	-	14	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	2,500	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	400	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	554	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	104	-	-	-	-	104	104
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	30	30
Guatemala	282	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	648	648
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	42	-	-	-	-	552	552
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	12,670	-	-	920	-	-	-	-	-	-
Netherlands	-	-	-	153	-	-	-	-	94	94
Norway	-	-	-	327	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	45	45
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	2,180	-	-	8,463	-	100	100	-	2	2
Spain	-	-	-	-	-	56	56	-	80	80
Sweden	-	-	-	1	-	-	-	-	322	322
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	1,029	-	-	-	-	-	-	-	-	-
United Kingdom	1,823	-	-	-	-	-	-	-	300	300
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	174	-	-	-	-	216	216
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	-	-	156	-	100	100	-	645	645
<b>Total</b>	<b>41,696</b>	-	-	<b>11,053</b>	-	<b>256</b>	<b>256</b>	-	<b>3,514</b>	<b>3,514</b>
<b>Persian Gulf<sup>3</sup></b>	<b>5,646</b>	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2021**  
(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 .....	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	--	--	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	--	--	-	-	-	-	-	-	-	-	-
Gabon .....	--	--	-	-	-	-	-	-	-	-	-
Iran .....	--	--	-	-	-	-	-	-	-	-	-
Iraq .....	--	--	-	-	-	-	-	-	-	-	-
Kuwait .....	--	--	-	-	-	-	-	-	-	-	-
Libya .....	--	--	-	-	-	-	-	-	-	-	-
Nigeria .....	--	--	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	--	--	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	--	--	-	-	-	-	-	-	-	-	-
Venezuela .....	--	--	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	--	--	-	-	-	-	375	-	-	-	375
Argentina .....	--	--	-	-	-	-	-	-	-	-	-
Aruba .....	--	--	-	-	-	-	-	-	-	-	-
Australia .....	--	--	-	-	-	-	-	-	-	-	-
Bahamas .....	--	--	-	-	-	-	-	-	-	-	-
Bahrain .....	--	--	-	-	-	-	-	-	-	-	-
Belgium .....	--	--	-	-	-	-	-	-	-	-	-
Brazil .....	--	--	-	-	-	-	41	-	-	-	41
Brunei .....	--	--	-	-	-	-	-	-	-	-	-
Cameroon .....	--	--	-	-	-	-	-	-	-	-	-
Canada .....	--	--	-	-	-	-	-	-	-	-	-
Chad .....	--	--	-	-	-	-	-	-	-	-	-
China .....	--	--	-	-	-	-	-	-	-	-	-
Colombia .....	--	--	-	-	-	-	263	-	-	-	263
Denmark .....	--	--	-	-	-	-	-	-	-	-	-
Ecuador .....	--	--	-	-	-	-	-	-	-	-	-
Egypt .....	--	--	-	-	-	-	-	-	-	-	-
Estonia .....	--	--	-	-	-	-	-	-	-	-	-
Finland .....	--	--	-	-	-	-	-	-	-	-	-
France .....	--	--	-	-	-	-	-	-	-	-	-
Germany .....	--	--	-	-	-	-	-	-	-	-	-
Guatemala .....	--	--	-	-	-	-	-	-	-	-	-
India .....	--	--	-	-	-	-	-	-	-	-	-
Indonesia .....	--	--	-	-	-	-	-	-	-	-	-
Italy .....	--	--	-	-	-	-	-	-	-	-	-
Korea, South .....	--	--	-	-	-	-	-	-	-	-	-
Latvia .....	--	--	-	-	-	-	-	-	-	-	-
Lithuania .....	--	--	-	-	-	-	-	-	-	-	-
Malaysia .....	--	--	-	-	-	-	-	-	-	-	-
Mexico .....	--	--	-	-	-	-	71	-	-	-	71
Netherlands .....	--	--	-	-	-	-	-	-	-	-	-
Norway .....	--	--	-	-	-	-	-	-	-	-	-
Oman .....	--	--	-	-	-	-	-	-	-	-	-
Portugal .....	--	--	-	-	-	-	-	-	-	-	-
Qatar .....	--	--	-	-	-	-	-	-	-	-	-
Russia .....	--	--	-	-	-	-	-	-	-	-	-
Spain .....	--	--	-	-	-	-	-	-	-	-	-
Sweden .....	--	--	-	-	-	-	-	-	-	-	-
Syria .....	--	--	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	--	--	-	-	-	-	-	-	-	-	-
United Kingdom .....	--	--	-	-	-	-	-	-	-	-	-
Vietnam .....	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	--	--	-	-	-	-	-	-	-	-	-
Yemen .....	--	--	-	-	-	-	-	-	-	-	-
Other .....	--	--	-	-	-	-	0	-	-	-	0
<b>Total</b> .....	--	--	-	-	-	-	375	-	-	-	375
<b>Persian Gulf<sup>3</sup></b> .....	--	--	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2021**  
(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> .....	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	13	-	-	265	-	65	1,895	1,960
Argentina .....	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	67	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-
Canada .....	-	-	-	-	-	-	-	-	-
Chad .....	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	44	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	154	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	879	879
Netherlands .....	-	13	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	65	579	644
Spain .....	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-
Other .....	-	0	-	-	0	-	0	437	437
<b>Total</b> .....	-	13	-	-	265	-	65	1,895	1,960
<b>Persian Gulf<sup>6</sup></b> .....	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2021**  
(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>	--	--	--	--	--	14	--	360	6,290	191	12	203
Algeria	--	--	--	--	--	--	--	--	--	--	--	--
Angola	--	--	--	--	--	--	--	325	325	--	10	10
Congo (Brazzaville)	--	--	--	--	--	--	--	--	--	--	--	--
Equatorial Guinea	--	--	--	--	--	--	--	--	--	--	--	--
Gabon	--	--	--	--	--	--	--	--	--	--	--	--
Iran	--	--	--	--	--	--	--	--	1,033	33	--	33
Iraq	--	--	--	--	--	--	--	--	1,177	38	--	38
Kuwait	--	--	--	--	--	--	--	--	--	--	--	--
Libya	--	--	--	--	--	--	--	21	305	9	1	10
Nigeria	--	--	--	--	--	--	--	--	--	--	--	--
Saudi Arabia	--	--	--	--	--	--	--	--	3,436	111	--	111
United Arab Emirates	--	--	--	--	--	14	--	14	14	--	0	0
Venezuela	--	--	--	--	--	--	--	--	--	--	--	--
<b>Non-OPEC</b>	421	46	27	345	--	775	--	18,728	54,494	1,154	604	1,758
Argentina	--	17	--	56	--	3	--	76	76	--	2	2
Aruba	--	--	--	--	--	--	--	--	--	--	--	--
Australia	--	--	--	--	--	--	--	--	--	--	--	--
Bahamas	--	--	--	--	--	--	--	--	--	--	--	--
Bahrain	--	--	--	--	--	106	--	106	106	--	3	3
Belgium	37	--	--	--	--	21	--	290	290	--	9	9
Brazil	--	--	--	131	--	--	--	282	1,304	33	9	42
Brunei	--	--	--	--	--	--	--	--	--	--	--	--
Cameroon	--	--	--	--	--	--	--	--	--	--	--	--
Canada	--	--	--	--	--	6	--	20	13,880	447	1	448
Chad	--	--	--	--	--	--	--	--	--	--	--	--
China	--	--	--	--	--	--	--	--	--	--	--	--
Colombia	--	--	--	--	--	--	--	263	2,763	81	8	89
Denmark	--	--	--	--	--	--	--	--	--	--	--	--
Ecuador	--	--	--	--	--	--	--	--	400	13	--	13
Egypt	--	--	--	--	--	--	--	554	554	--	18	18
Estonia	--	--	--	--	--	--	--	--	--	--	--	--
Finland	--	--	--	--	--	--	--	208	208	--	7	7
France	--	29	--	--	--	3	--	32	32	--	1	1
Germany	--	--	--	--	--	4	--	34	34	--	1	1
Guatemala	--	--	--	--	--	--	--	--	282	9	--	9
India	--	--	--	--	--	--	--	692	692	--	22	22
Indonesia	--	--	--	--	--	92	--	92	92	--	3	3
Italy	--	--	--	--	--	4	--	598	598	--	19	19
Korea, South	45	--	--	--	--	230	--	429	429	--	14	14
Latvia	--	--	--	--	--	--	--	--	--	--	--	--
Lithuania	--	--	--	--	--	--	--	--	--	--	--	--
Malaysia	--	--	12	--	--	--	--	12	12	--	0	0
Mexico	105	--	--	--	--	--	--	1,975	14,645	409	64	472
Netherlands	--	--	--	--	--	18	--	298	298	--	10	10
Norway	--	--	--	--	--	--	--	327	327	--	11	11
Oman	--	--	--	--	--	49	--	49	49	--	2	2
Portugal	--	--	--	--	--	--	--	45	45	--	1	1
Qatar	--	--	--	--	--	238	--	238	238	--	8	8
Russia	--	--	--	158	--	--	--	9,367	11,547	70	302	372
Spain	--	--	--	--	--	--	--	136	136	--	4	4
Sweden	--	--	--	--	--	--	--	323	323	--	10	10
Syria	--	--	--	--	--	--	--	--	--	--	--	--
Trinidad and Tobago	--	--	--	--	--	--	--	--	1,029	33	--	33
United Kingdom	28	--	15	--	--	--	--	343	2,166	59	11	70
Vietnam	--	--	--	--	--	--	--	--	--	--	--	--
Virgin Islands, U.S.	--	--	--	--	--	--	--	390	390	--	13	13
Yemen	--	--	--	--	--	--	--	--	--	--	--	--
Other	206	0	0	0	--	1	--	1,549	1,549	0	51	52
<b>Total</b>	<b>421</b>	<b>46</b>	<b>27</b>	<b>345</b>	<b>--</b>	<b>789</b>	<b>--</b>	<b>19,088</b>	<b>60,784</b>	<b>1,345</b>	<b>616</b>	<b>1,961</b>
<b>Persian Gulf<sup>6</sup></b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>358</b>	<b>--</b>	<b>358</b>	<b>6,004</b>	<b>182</b>	<b>12</b>	<b>194</b>

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by 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 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2021**  
(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 .....	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	<b>9,026</b>	<b>463</b>	<b>-</b>	<b>25</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>60</b>	<b>60</b>
Canada .....	9,026	463	-	25	-	-	-	-	60	60
Ecuador .....	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-
Other .....	0	0	-	0	-	-	-	-	0	0
<b>Total</b> .....	<b>9,026</b>	<b>463</b>	<b>-</b>	<b>25</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>60</b>	<b>60</b>
<b>PAD District 5</b>										
<b>OPEC</b> .....	<b>10,376</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>370</b>	<b>370</b>
Algeria .....	-	-	-	-	-	-	-	-	-	-
Angola .....	1,588	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	3,011	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-
Nigeria .....	1,270	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	4,507	-	-	-	-	-	-	-	176	176
United Arab Emirates .....	-	-	-	-	-	-	-	-	194	194
Venezuela .....	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	<b>17,984</b>	<b>1,660</b>	<b>-</b>	<b>1,133</b>	<b>-</b>	<b>316</b>	<b>316</b>	<b>-</b>	<b>819</b>	<b>819</b>
Argentina .....	438	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-
Brazil .....	985	-	-	-	-	-	-	-	-	-
Brunei .....	492	-	-	-	-	-	-	-	-	-
Canada .....	7,801	1,660	-	90	-	191	191	-	73	73
China .....	-	-	-	-	-	-	-	-	-	-
Colombia .....	1,630	-	-	-	-	-	-	-	-	-
Ecuador .....	3,954	-	-	55	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-
Japan .....	-	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	125	125	-	150	150
Malaysia .....	-	-	-	-	-	-	-	-	-	-
Mexico .....	780	-	-	328	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	-	-	-	-	-	-	-	-	-	-
Peru .....	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-
Singapore .....	-	-	-	-	-	-	-	-	315	315
Sweden .....	-	-	-	-	-	-	-	-	-	-
Taiwan .....	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	299	-	-	-	-	-	-
Other .....	1,904	0	-	361	-	0	0	-	281	281
<b>Total</b> .....	<b>28,360</b>	<b>1,717</b>	<b>-</b>	<b>1,133</b>	<b>-</b>	<b>316</b>	<b>316</b>	<b>-</b>	<b>1,189</b>	<b>1,189</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>7,518</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>370</b>	<b>370</b>

See footnotes at end of table.

**Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2021**  
(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 .....	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	--	--	-	-	-	-	-	-	-	-	-
Iran .....	--	--	-	-	-	-	-	-	-	-	-
Iraq .....	--	--	-	-	-	-	-	-	-	-	-
Kuwait .....	--	--	-	-	-	-	-	-	-	-	-
Libya .....	--	--	-	-	-	-	-	-	-	-	-
Nigeria .....	--	--	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	--	--	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	--	--	-	-	-	-	-	-	-	-	-
Venezuela .....	--	--	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	--	--	-	93	-	-	254	-	-	-	254
Canada .....	--	--	-	93	-	-	254	-	-	-	254
Ecuador .....	--	--	-	-	-	-	-	-	-	-	-
Qatar .....	--	--	-	-	-	-	-	-	-	-	-
Other .....	--	--	-	0	-	-	0	-	-	-	0
<b>Total</b> .....	--	--	-	93	-	-	254	-	-	-	254
<b>PAD District 5</b>											
<b>OPEC</b> .....	--	--	-	-	-	-	-	-	-	-	-
Algeria .....	--	--	-	-	-	-	-	-	-	-	-
Angola .....	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	--	--	-	-	-	-	-	-	-	-	-
Iran .....	--	--	-	-	-	-	-	-	-	-	-
Iraq .....	--	--	-	-	-	-	-	-	-	-	-
Kuwait .....	--	--	-	-	-	-	-	-	-	-	-
Libya .....	--	--	-	-	-	-	-	-	-	-	-
Nigeria .....	--	--	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	--	--	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	--	--	-	-	-	-	-	-	-	-	-
Venezuela .....	--	--	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	--	--	-	39	893	-	467	-	-	-	467
Argentina .....	--	--	-	-	-	-	-	-	-	-	-
Aruba .....	--	--	-	-	-	-	-	-	-	-	-
Australia .....	--	--	-	-	-	-	-	-	-	-	-
Brazil .....	--	--	-	-	-	-	-	-	-	-	-
Brunei .....	--	--	-	-	-	-	-	-	-	-	-
Canada .....	--	--	-	3	-	-	467	-	-	-	467
China .....	--	--	-	-	-	-	-	-	-	-	-
Colombia .....	--	--	-	-	-	-	-	-	-	-	-
Ecuador .....	--	--	-	-	-	-	-	-	-	-	-
Finland .....	--	--	-	-	-	-	-	-	-	-	-
Germany .....	--	--	-	-	-	-	-	-	-	-	-
Indonesia .....	--	--	-	-	-	-	-	-	-	-	-
Japan .....	--	--	-	-	-	-	-	-	-	-	-
Korea, South .....	--	--	-	36	-	-	-	-	-	-	-
Malaysia .....	--	--	-	-	-	-	-	-	-	-	-
Mexico .....	--	--	-	-	-	-	-	-	-	-	-
Netherlands .....	--	--	-	-	-	-	-	-	-	-	-
Oman .....	--	--	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	--	--	-	-	-	-	-	-	-	-	-
Peru .....	--	--	-	-	-	-	-	-	-	-	-
Qatar .....	--	--	-	-	-	-	-	-	-	-	-
Singapore .....	--	--	-	-	-	-	-	-	-	-	-
Sweden .....	--	--	-	-	-	-	-	-	-	-	-
Taiwan .....	--	--	-	-	-	-	-	-	-	-	-
United Kingdom .....	--	--	-	-	-	-	-	-	-	-	-
Vietnam .....	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	--	--	-	-	-	-	-	-	-	-	-
Other .....	--	--	-	0	893	-	0	-	-	-	0
<b>Total</b> .....	--	--	-	39	893	-	467	-	-	-	467
<b>Persian Gulf<sup>3</sup></b> .....	--	--	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2021**  
(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> .....	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	3	-	12	-	-	-	-	-
Canada .....	-	3	-	12	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-
Other .....	-	0	-	0	-	-	-	-	-
<b>Total</b> .....	-	3	-	12	-	-	-	-	-
<b>PAD District 5</b>									
<b>OPEC</b> .....	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	1	-	1,856	-	-	494	76	570
Argentina .....	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	313	-	-	-	-	-
Canada .....	-	1	-	20	-	-	91	76	167
China .....	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-
Japan .....	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	1,214	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	-	-	-	-	-	-	-	-	-
Peru .....	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-
Singapore .....	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-
Taiwan .....	-	-	-	309	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	-	-
Other .....	-	0	-	0	-	-	403	0	403
<b>Total</b> .....	-	1	-	1,856	-	-	494	76	570
<b>Persian Gulf<sup>3</sup></b> .....	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2021**  
(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> .....	-	-	-	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	-	-	-	46	-	1	957	9,983	291	31	322
Canada .....	-	-	-	-	46	-	1	957	9,983	291	31	322
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-	-
Other .....	-	-	-	-	0	-	0	0	0	0	0	0
<b>Total</b> .....	-	-	-	-	46	-	1	957	9,983	291	31	322
<b>PAD District 5</b>												
<b>OPEC</b> .....	-	-	-	-	-	-	-	427	10,803	335	14	348
Algeria .....	-	-	-	-	-	-	-	-	1,588	51	-	51
Angola .....	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	3,011	97	-	97
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	1,270	41	-	41
Saudi Arabia .....	-	-	-	-	-	-	-	176	4,683	145	6	151
United Arab Emirates .....	-	-	-	-	-	-	-	194	194	-	6	6
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	-	70	-	60	7	-	7,891	25,875	580	255	835
Argentina .....	-	-	-	-	-	-	-	-	438	14	-	14
Aruba .....	-	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	985	32	-	32
Brunei .....	-	-	-	-	-	-	-	313	805	16	10	26
Canada .....	-	-	-	-	60	7	-	2,739	10,540	252	88	340
China .....	-	-	42	-	-	-	-	42	42	-	1	1
Colombia .....	-	-	-	-	-	-	-	-	1,630	53	-	53
Ecuador .....	-	-	-	-	-	-	-	55	4,009	128	2	129
Finland .....	-	-	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-	-	-
Japan .....	-	-	18	-	-	-	-	18	18	-	1	1
Korea, South .....	-	-	-	-	-	-	-	1,525	1,525	-	49	49
Malaysia .....	-	-	-	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	328	1,108	25	11	36
Netherlands .....	-	-	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	-	-	-	-	-	-	-	-	-	-	-	-
Peru .....	-	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-	-
Singapore .....	-	-	-	-	-	-	-	1,208	1,208	-	39	39
Sweden .....	-	-	-	-	-	-	-	-	-	-	-	-
Taiwan .....	-	-	10	-	-	-	-	319	319	-	10	10
United Kingdom .....	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	299	299	-	10	10
Other .....	-	-	0	-	0	0	-	1,045	2,949	60	34	95
<b>Total</b> .....	-	-	70	-	60	7	-	8,318	36,678	915	268	1,183
<b>Persian Gulf<sup>3</sup></b> .....	-	-	-	-	-	-	-	370	7,888	243	12	254

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by 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 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-March 2021**  
(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>11,671</b>	<b>-</b>	<b>-</b>	<b>101</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,731</b>	<b>1,731</b>
Algeria	3,073	-	-	-	-	-	-	-	326	326
Angola	957	-	-	-	-	-	-	-	322	322
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	6	6
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	607	-	-	-	-	-	-	-	-	-
Nigeria	3,792	-	-	101	-	-	-	-	998	998
Saudi Arabia	3,242	-	-	-	-	-	-	-	41	41
United Arab Emirates	-	-	-	-	-	-	-	-	38	38
Venezuela	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b>	<b>31,970</b>	<b>4,485</b>	<b>879</b>	<b>5,861</b>	<b>-</b>	<b>5,032</b>	<b>5,032</b>	<b>16,683</b>	<b>27,446</b>	<b>44,129</b>
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	106	106	390	1,029	1,419
Brazil	-	-	-	-	-	-	-	-	587	587
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	14,983	4,232	879	-	-	1,636	1,636	10,722	2,945	13,667
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	358	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	54	-	54
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	358	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	106	106	-	2,020	2,020
France	-	-	-	-	-	-	-	993	1,361	2,354
Germany	-	-	-	-	-	34	34	-	2	2
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	163	163	-	2,445	2,445
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	180	-	235	235	-	1,570	1,570
Korea, South	-	-	-	-	-	-	-	-	770	770
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	263	263	-	19	19
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	4,927	-	-	652	-	-	-	-	-	-
Netherlands	-	-	-	-	-	767	767	2,295	3,132	5,427
Norway	3,617	253	-	380	-	100	100	470	217	687
Oman	-	-	-	-	-	-	-	-	33	33
Portugal	-	-	-	-	-	133	133	278	2,018	2,296
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	3,929	-	-	3,582	-	1,084	1,084	-	4,017	4,017
Spain	-	-	-	-	-	-	-	1	1,760	1,761
Sweden	-	-	-	-	-	143	143	7	983	990
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	566	-	-	-	-	122	122	1,472	990	2,462
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	709	-	-	-	-	592	592
Yemen	-	-	-	-	-	-	-	-	-	-
Other	3,590	0	0	0	-	140	140	1	950	951
<b>Total</b>	<b>43,641</b>	<b>4,485</b>	<b>879</b>	<b>5,962</b>	<b>-</b>	<b>5,032</b>	<b>5,032</b>	<b>16,683</b>	<b>29,177</b>	<b>45,860</b>
<b>Persian Gulf<sup>3</sup></b>	<b>3,242</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>79</b>	<b>79</b>

See footnotes at end of table.

**Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-March 2021**  
(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>	--	--	-	-	-	-	4,246	-	-	-	4,246
Algeria	--	--	-	-	-	-	-	-	-	-	-
Angola	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	--	--	-	-	-	-	-	-	-	-	-
Equatorial Guinea	--	--	-	-	-	-	-	-	-	-	-
Gabon	--	--	-	-	-	-	24	-	-	-	24
Iran	--	--	-	-	-	-	-	-	-	-	-
Iraq	--	--	-	-	-	-	-	-	-	-	-
Kuwait	--	--	-	-	-	-	-	-	-	-	-
Libya	--	--	-	-	-	-	-	-	-	-	-
Nigeria	--	--	-	-	-	-	1,276	-	-	-	1,276
Saudi Arabia	--	--	-	-	-	-	2,076	-	-	-	2,076
United Arab Emirates	--	--	-	-	-	-	870	-	-	-	870
Venezuela	--	--	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b>	--	--	-	396	-	-	27,607	-	-	-	27,607
Argentina	--	--	-	-	-	-	-	-	-	-	-
Aruba	--	--	-	-	-	-	-	-	-	-	-
Australia	--	--	-	-	-	-	-	-	-	-	-
Bahamas	--	--	-	-	-	-	-	-	-	-	-
Bahrain	--	--	-	-	-	-	308	-	-	-	308
Belgium	--	--	-	-	-	-	787	-	-	-	787
Brazil	--	--	-	-	-	-	-	-	-	-	-
Brunei	--	--	-	-	-	-	-	-	-	-	-
Cameroon	--	--	-	-	-	-	-	-	-	-	-
Canada	--	--	-	326	-	-	11,262	-	-	-	11,262
Chad	--	--	-	-	-	-	-	-	-	-	-
China	--	--	-	-	-	-	-	-	-	-	-
Colombia	--	--	-	-	-	-	2,390	-	-	-	2,390
Denmark	--	--	-	-	-	-	-	-	-	-	-
Ecuador	--	--	-	-	-	-	-	-	-	-	-
Egypt	--	--	-	-	-	-	-	-	-	-	-
Estonia	--	--	-	-	-	-	-	-	-	-	-
Finland	--	--	-	-	-	-	-	-	-	-	-
France	--	--	-	-	-	-	-	-	-	-	-
Germany	--	--	-	70	-	-	-	-	-	-	-
Guatemala	--	--	-	-	-	-	-	-	-	-	-
India	--	--	-	-	-	-	2,880	-	-	-	2,880
Indonesia	--	--	-	-	-	-	63	-	-	-	63
Italy	--	--	-	-	-	-	-	-	-	-	-
Korea, South	--	--	-	-	-	-	498	-	-	-	498
Latvia	--	--	-	-	-	-	-	-	-	-	-
Lithuania	--	--	-	-	-	-	-	-	-	-	-
Malaysia	--	--	-	-	-	-	-	-	-	-	-
Mexico	--	--	-	-	-	-	-	-	-	-	-
Netherlands	--	--	-	-	-	-	3,520	-	-	-	3,520
Norway	--	--	-	-	-	-	-	-	-	-	-
Oman	--	--	-	-	-	-	1,518	-	-	-	1,518
Portugal	--	--	-	-	-	-	-	-	-	-	-
Qatar	--	--	-	-	-	-	765	-	-	-	765
Russia	--	--	-	-	-	-	3,141	-	-	-	3,141
Spain	--	--	-	-	-	-	-	-	-	-	-
Sweden	--	--	-	-	-	-	97	-	-	-	97
Syria	--	--	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	--	--	-	-	-	-	-	-	-	-	-
United Kingdom	--	--	-	-	-	-	-	-	-	-	-
Vietnam	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	--	--	-	-	-	-	378	-	-	-	378
Yemen	--	--	-	-	-	-	-	-	-	-	-
Other	--	--	-	0	-	-	-24	-	-	-	-24
<b>Total</b>	--	--	-	396	-	-	31,853	-	-	-	31,853
<b>Persian Gulf<sup>3</sup></b>	--	--	-	-	-	-	4,019	-	-	-	4,019

See footnotes at end of table.

**Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-March 2021**  
(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>	—	—	—	902	—	—	74	—	74
Algeria	—	—	—	727	—	—	37	—	37
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	37	—	37
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	175	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
<b>Non-OPEC</b>	—	16	—	1,833	10	200	1,823	2,012	4,035
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	101	287	388
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	151	110	261
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	3	—	877	10	—	216	45	261
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	124	—	—	—	326	326
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	147	—	147
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	524	—	—	—	—	—
Korea, South	—	—	—	80	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	72	853	925
Netherlands	—	13	—	—	—	—	205	38	243
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	134	240	374
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	228	—	200	698	21	919
Yemen	—	—	—	—	—	—	—	—	—
Other	—	0	—	0	0	0	62	92	154
<b>Total</b>	—	16	—	2,735	10	200	1,897	2,012	4,109
<b>Persian Gulf<sup>6</sup></b>	—	—	—	175	—	—	—	—	—

See footnotes at end of table.

**Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-March 2021**  
(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>50</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>27</b>	<b>-</b>	<b>7,131</b>	<b>18,802</b>	<b>130</b>	<b>79</b>	<b>209</b>
Algeria	-	-	-	-	-	-	-	1,090	4,163	34	12	46
Angola	-	-	-	-	-	-	-	322	1,279	11	4	14
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	67	67	-	1	1
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	607	7	-	7
Nigeria	50	-	-	-	-	-	-	2,425	6,217	42	27	69
Saudi Arabia	-	-	-	-	-	-	-	2,117	5,359	36	24	60
United Arab Emirates	-	-	-	-	-	27	-	1,110	1,110	-	12	12
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b>	<b>272</b>	<b>9</b>	<b>305</b>	<b>7</b>	<b>1,695</b>	<b>385</b>	<b>-</b>	<b>96,956</b>	<b>128,926</b>	<b>355</b>	<b>1,077</b>	<b>1,433</b>
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	388	388	-	4	4
Bahrain	-	-	-	-	-	-	-	308	308	-	3	3
Belgium	-	-	-	-	-	26	-	2,338	2,338	-	26	26
Brazil	-	-	-	-	-	-	-	848	848	-	9	9
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	10	9	197	-	1,436	283	-	35,088	50,071	166	390	556
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	63	-	-	-	-	63	63	-	1	1
Colombia	-	-	-	-	128	-	-	2,968	3,326	4	33	37
Denmark	-	-	-	-	-	-	-	54	54	-	1	1
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	358	358	-	4	4
Estonia	-	-	-	-	-	-	-	147	147	-	2	2
Finland	-	-	-	-	-	-	-	2,126	2,126	-	24	24
France	11	-	-	-	-	15	-	2,380	2,380	-	26	26
Germany	-	-	-	-	-	19	-	125	125	-	1	1
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	5,488	5,488	-	61	61
Indonesia	-	-	-	-	-	-	-	63	63	-	1	1
Italy	-	-	-	-	41	6	-	2,556	2,556	-	28	28
Korea, South	-	-	2	-	-	29	-	1,379	1,379	-	15	15
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	282	282	-	3	3
Malaysia	-	-	-	-	-	1	-	1	1	-	0	0
Mexico	-	-	-	-	-	-	-	1,577	6,504	55	18	72
Netherlands	-	-	-	-	-	1	-	9,971	9,971	-	111	111
Norway	-	-	-	-	-	-	-	1,420	5,037	40	16	56
Oman	-	-	-	-	-	-	-	1,551	1,551	-	17	17
Portugal	-	-	-	-	-	-	-	2,429	2,429	-	27	27
Qatar	-	-	-	-	-	-	-	765	765	-	9	9
Russia	74	-	-	-	-	2	-	12,274	16,203	44	136	180
Spain	-	-	5	-	90	-	-	1,856	1,856	-	21	21
Sweden	-	-	-	7	-	1	-	1,238	1,238	-	14	14
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	2,584	3,150	6	29	35
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	177	-	-	-	-	-	-	3,003	3,003	-	33	33
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	0	0	38	0	0	2	-	1,261	4,851	40	13	55
<b>Total</b>	<b>322</b>	<b>9</b>	<b>305</b>	<b>7</b>	<b>1,695</b>	<b>412</b>	<b>-</b>	<b>104,087</b>	<b>147,728</b>	<b>485</b>	<b>1,157</b>	<b>1,641</b>
<b>Persian Gulf<sup>6</sup></b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>27</b>	<b>-</b>	<b>4,300</b>	<b>7,542</b>	<b>36</b>	<b>48</b>	<b>84</b>

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by 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 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-March 2021**  
(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> .....	-	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	<b>235,964</b>	<b>7,985</b>	<b>764</b>	-	-	-	-	-	<b>923</b>	<b>923</b>
Argentina .....	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-
Canada .....	235,760	7,983	764	-	-	-	-	-	770	770
Chad .....	-	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	153	153
France .....	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	-	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-	-
Mexico .....	204	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	-	-	-
Spain .....	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-	-
Other .....	0	2	0	-	-	-	-	-	0	0
<b>Total</b> .....	<b>235,964</b>	<b>7,985</b>	<b>764</b>	-	-	-	-	-	<b>923</b>	<b>923</b>
<b>Persian Gulf<sup>3</sup></b> .....	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-March 2021**  
(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 .....	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	--	--	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	--	--	-	-	-	-	-	-	-	-	-
Gabon .....	--	--	-	-	-	-	-	-	-	-	-
Iran .....	--	--	-	-	-	-	-	-	-	-	-
Iraq .....	--	--	-	-	-	-	-	-	-	-	-
Kuwait .....	--	--	-	-	-	-	-	-	-	-	-
Libya .....	--	--	-	-	-	-	-	-	-	-	-
Nigeria .....	--	--	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	--	--	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	--	--	-	-	-	-	-	-	-	-	-
Venezuela .....	--	--	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	--	--	-	144	-	-	597	3	2	-	602
Argentina .....	--	--	-	-	-	-	-	-	-	-	-
Aruba .....	--	--	-	-	-	-	-	-	-	-	-
Australia .....	--	--	-	-	-	-	-	-	-	-	-
Bahamas .....	--	--	-	-	-	-	-	-	-	-	-
Bahrain .....	--	--	-	-	-	-	-	-	-	-	-
Belgium .....	--	--	-	-	-	-	-	-	-	-	-
Brazil .....	--	--	-	-	-	-	-	-	-	-	-
Brunei .....	--	--	-	-	-	-	-	-	-	-	-
Cameroon .....	--	--	-	-	-	-	-	-	-	-	-
Canada .....	--	--	-	144	-	-	597	3	2	-	602
Chad .....	--	--	-	-	-	-	-	-	-	-	-
China .....	--	--	-	-	-	-	-	-	-	-	-
Colombia .....	--	--	-	-	-	-	-	-	-	-	-
Denmark .....	--	--	-	-	-	-	-	-	-	-	-
Ecuador .....	--	--	-	-	-	-	-	-	-	-	-
Egypt .....	--	--	-	-	-	-	-	-	-	-	-
Estonia .....	--	--	-	-	-	-	-	-	-	-	-
Finland .....	--	--	-	-	-	-	-	-	-	-	-
France .....	--	--	-	-	-	-	-	-	-	-	-
Germany .....	--	--	-	-	-	-	-	-	-	-	-
Guatemala .....	--	--	-	-	-	-	-	-	-	-	-
India .....	--	--	-	-	-	-	-	-	-	-	-
Indonesia .....	--	--	-	-	-	-	-	-	-	-	-
Italy .....	--	--	-	-	-	-	-	-	-	-	-
Korea, South .....	--	--	-	-	-	-	-	-	-	-	-
Latvia .....	--	--	-	-	-	-	-	-	-	-	-
Lithuania .....	--	--	-	-	-	-	-	-	-	-	-
Malaysia .....	--	--	-	-	-	-	-	-	-	-	-
Mexico .....	--	--	-	-	-	-	-	-	-	-	-
Netherlands .....	--	--	-	-	-	-	-	-	-	-	-
Norway .....	--	--	-	-	-	-	-	-	-	-	-
Oman .....	--	--	-	-	-	-	-	-	-	-	-
Portugal .....	--	--	-	-	-	-	-	-	-	-	-
Qatar .....	--	--	-	-	-	-	-	-	-	-	-
Russia .....	--	--	-	-	-	-	-	-	-	-	-
Spain .....	--	--	-	-	-	-	-	-	-	-	-
Sweden .....	--	--	-	-	-	-	-	-	-	-	-
Syria .....	--	--	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	--	--	-	-	-	-	-	-	-	-	-
United Kingdom .....	--	--	-	-	-	-	-	-	-	-	-
Vietnam .....	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	--	--	-	-	-	-	-	-	-	-	-
Yemen .....	--	--	-	-	-	-	-	-	-	-	-
Other .....	--	--	-	0	-	-	0	0	0	-	0
<b>Total</b> .....	--	--	-	144	-	-	597	3	2	-	602
<b>Persian Gulf<sup>3</sup></b> .....	--	--	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-March 2021**  
(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> .....	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	11	-	-	21	-	146	657	803
Argentina .....	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-
Canada .....	-	11	-	-	21	-	146	81	227
Chad .....	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	576	576
Spain .....	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-
Other .....	-	0	-	-	0	-	0	0	0
<b>Total</b> .....	-	11	-	-	21	-	146	657	803
<b>Persian Gulf<sup>6</sup></b> .....	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-March 2021**  
(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> .....	-	-	-	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	<b>232</b>	<b>191</b>	<b>47</b>	<b>95</b>	<b>1,312</b>	<b>634</b>	<b>-</b>	<b>13,764</b>	<b>249,728</b>	<b>2,622</b>	<b>153</b>	<b>2,775</b>
Argentina .....	-	-	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-	-	-
Canada .....	232	191	47	95	1,312	633	-	13,032	248,792	2,620	145	2,764
Chad .....	-	-	-	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	153	153	-	2	2
France .....	-	-	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	-	-	2	2	-	0	0
Latvia .....	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	204	2	-	2
Netherlands .....	-	-	-	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	576	576	-	6	6
Spain .....	-	-	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	1	-	1	1	-	0	0
Syria .....	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-	-	-	-
Other .....	0	0	0	0	0	0	-	0	0	0	0	1
<b>Total</b> .....	<b>232</b>	<b>191</b>	<b>47</b>	<b>95</b>	<b>1,312</b>	<b>634</b>	<b>-</b>	<b>13,764</b>	<b>249,728</b>	<b>2,622</b>	<b>153</b>	<b>2,775</b>
<b>Persian Gulf<sup>6</sup></b> .....	-	-	-	-	-	-	-	-	-	-	-	-

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by 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 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-March 2021**  
(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>13,676</b>	-	-	<b>549</b>	-	-	-	-	<b>325</b>	<b>325</b>
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	325	325
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	1,033	-	-	-	-	-	-	-	-	-
Iraq	1,775	-	-	528	-	-	-	-	-	-
Kuwait	649	-	-	-	-	-	-	-	-	-
Libya	284	-	-	21	-	-	-	-	-	-
Nigeria	950	-	-	-	-	-	-	-	-	-
Saudi Arabia	8,985	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b>	<b>107,993</b>	-	<b>32</b>	<b>34,589</b>	-	<b>562</b>	<b>562</b>	-	<b>4,824</b>	<b>4,824</b>
Argentina	-	-	-	12	-	-	-	-	37	37
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	124	-	-	-	-	121	121
Brazil	3,966	-	-	-	-	-	-	-	98	98
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	39,884	-	-	347	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	10,024	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	400	-	-	367	-	-	-	-	-	-
Egypt	-	-	-	2,618	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	104	-	-	-	-	425	425
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	79	79
Guatemala	282	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	722	722
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	42	-	276	276	-	552	552
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	41,590	-	32	2,356	-	-	-	-	-	-
Netherlands	-	-	-	153	-	-	-	-	166	166
Norway	-	-	-	327	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	245	245
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	3,966	-	-	27,029	-	100	100	-	202	202
Spain	-	-	-	-	-	56	56	-	132	132
Sweden	-	-	-	1	-	-	-	-	322	322
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	3,619	-	-	-	-	-	-	-	-	-
United Kingdom	3,260	-	-	-	-	-	-	-	300	300
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	424	-	-	-	-	216	216
Yemen	-	-	-	-	-	-	-	-	-	-
Other	1,002	-	0	685	-	130	130	-	1,207	1,207
<b>Total</b>	<b>121,669</b>	-	<b>32</b>	<b>35,138</b>	-	<b>562</b>	<b>562</b>	-	<b>5,149</b>	<b>5,149</b>
<b>Persian Gulf<sup>3</sup></b>	<b>12,442</b>	-	-	<b>528</b>	-	-	-	-	-	-

See footnotes at end of table.

**Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-March 2021**  
(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	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	--	--	-	-	-	-	-	-	-	-	-
Equatorial Guinea	--	--	-	-	-	-	-	-	-	-	-
Gabon	--	--	-	-	-	-	-	-	-	-	-
Iran	--	--	-	-	-	-	-	-	-	-	-
Iraq	--	--	-	-	-	-	-	-	-	-	-
Kuwait	--	--	-	-	-	-	-	-	-	-	-
Libya	--	--	-	-	-	-	-	-	-	-	-
Nigeria	--	--	-	-	-	-	-	-	-	-	-
Saudi Arabia	--	--	-	-	-	-	-	-	-	-	-
United Arab Emirates	--	--	-	-	-	-	-	-	-	-	-
Venezuela	--	--	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b>	--	--	-	-	-	-	375	-	400	-	775
Argentina	--	--	-	-	-	-	-	-	-	-	-
Aruba	--	--	-	-	-	-	-	-	-	-	-
Australia	--	--	-	-	-	-	-	-	-	-	-
Bahamas	--	--	-	-	-	-	-	-	-	-	-
Bahrain	--	--	-	-	-	-	-	-	-	-	-
Belgium	--	--	-	-	-	-	-	-	-	-	-
Brazil	--	--	-	-	-	-	41	-	-	-	41
Brunei	--	--	-	-	-	-	-	-	-	-	-
Cameroon	--	--	-	-	-	-	-	-	-	-	-
Canada	--	--	-	-	-	-	-	-	-	-	-
Chad	--	--	-	-	-	-	-	-	-	-	-
China	--	--	-	-	-	-	-	-	-	-	-
Colombia	--	--	-	-	-	-	263	-	-	-	263
Denmark	--	--	-	-	-	-	-	-	-	-	-
Ecuador	--	--	-	-	-	-	-	-	-	-	-
Egypt	--	--	-	-	-	-	-	-	-	-	-
Estonia	--	--	-	-	-	-	-	-	-	-	-
Finland	--	--	-	-	-	-	-	-	-	-	-
France	--	--	-	-	-	-	-	-	-	-	-
Germany	--	--	-	-	-	-	-	-	-	-	-
Guatemala	--	--	-	-	-	-	-	-	-	-	-
India	--	--	-	-	-	-	-	-	-	-	-
Indonesia	--	--	-	-	-	-	-	-	-	-	-
Italy	--	--	-	-	-	-	-	-	-	-	-
Korea, South	--	--	-	-	-	-	-	-	-	-	-
Latvia	--	--	-	-	-	-	-	-	-	-	-
Lithuania	--	--	-	-	-	-	-	-	-	-	-
Malaysia	--	--	-	-	-	-	-	-	-	-	-
Mexico	--	--	-	-	-	-	71	-	-	-	71
Netherlands	--	--	-	-	-	-	-	-	-	-	-
Norway	--	--	-	-	-	-	-	-	-	-	-
Oman	--	--	-	-	-	-	-	-	-	-	-
Portugal	--	--	-	-	-	-	-	-	-	-	-
Qatar	--	--	-	-	-	-	-	-	-	-	-
Russia	--	--	-	-	-	-	-	-	-	-	-
Spain	--	--	-	-	-	-	-	-	-	-	-
Sweden	--	--	-	-	-	-	-	-	-	-	-
Syria	--	--	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	--	--	-	-	-	-	-	-	-	-	-
United Kingdom	--	--	-	-	-	-	-	-	-	-	-
Vietnam	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	--	--	-	-	-	-	-	-	400	-	400
Yemen	--	--	-	-	-	-	-	-	-	-	-
Other	--	--	-	-	-	-	0	-	0	-	0
<b>Total</b>	--	--	-	-	-	-	375	-	400	-	775
<b>Persian Gulf<sup>3</sup></b>	--	--	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-March 2021**  
(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> .....	-	-	-	-	36	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	36	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	54	-	-	656	891	335	6,595	7,821
Argentina .....	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	67	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-
Canada .....	-	-	-	-	82	292	-	-	292
Chad .....	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	535	535
Estonia .....	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	89	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	336	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	3,441	3,441
Netherlands .....	-	54	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	599	130	1,560	2,289
Spain .....	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-
Other .....	-	0	-	-	82	0	205	1,059	1,264
<b>Total</b> .....	-	54	-	-	692	891	335	6,595	7,821
<b>Persian Gulf<sup>6</sup></b> .....	-	-	-	-	36	-	-	-	-

See footnotes at end of table.

**Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-March 2021**  
(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>	--	--	--	157	--	383	--	1,450	15,126	152	16	168
Algeria	--	--	--	--	--	--	--	--	--	--	--	--
Angola	--	--	--	--	--	--	--	325	325	--	4	4
Congo (Brazzaville)	--	--	--	--	--	--	--	--	--	--	--	--
Equatorial Guinea	--	--	--	--	--	--	--	--	--	--	--	--
Gabon	--	--	--	--	--	--	--	--	--	--	--	--
Iran	--	--	--	--	--	--	--	--	1,033	11	--	11
Iraq	--	--	--	--	--	--	--	528	2,303	20	6	26
Kuwait	--	--	--	157	--	--	--	157	806	7	2	9
Libya	--	--	--	--	--	--	--	21	305	3	0	3
Nigeria	--	--	--	--	--	--	--	--	950	11	--	11
Saudi Arabia	--	--	--	--	--	--	--	36	72	100	1	101
United Arab Emirates	--	--	--	--	--	--	--	347	347	--	4	4
Venezuela	--	--	--	--	--	--	--	--	--	--	--	--
<b>Non-OPEC</b>	810	119	119	607	98	2,259	--	53,354	161,347	1,200	593	1,793
Argentina	--	72	--	187	--	11	--	319	319	--	4	4
Aruba	--	--	--	--	--	--	--	--	--	--	--	--
Australia	--	--	--	--	--	--	--	--	--	--	--	--
Bahamas	--	--	--	--	--	--	--	--	--	--	--	--
Bahrain	--	--	--	--	--	192	--	192	192	--	2	2
Belgium	73	--	--	--	--	23	--	341	341	--	4	4
Brazil	--	--	--	131	--	--	--	337	4,303	44	4	48
Brunei	--	--	--	--	--	--	--	--	--	--	--	--
Cameroon	--	--	--	--	--	--	--	--	--	--	--	--
Canada	--	--	--	--	98	27	--	846	40,730	443	9	453
Chad	--	--	--	--	--	--	--	--	--	--	--	--
China	--	--	--	--	--	--	--	--	--	--	--	--
Colombia	--	--	--	--	--	--	--	263	10,287	111	3	114
Denmark	--	--	--	--	--	--	--	--	--	--	--	--
Ecuador	--	--	--	--	--	--	--	367	767	4	4	9
Egypt	--	--	--	--	--	--	--	3,153	3,153	--	35	35
Estonia	--	--	--	--	--	--	--	--	--	--	--	--
Finland	--	--	--	--	--	--	--	529	529	--	6	6
France	--	47	13	--	--	8	--	68	68	--	1	1
Germany	--	--	--	--	--	8	--	87	87	--	1	1
Guatemala	--	--	--	--	--	--	--	--	282	3	--	3
India	--	--	--	--	--	--	--	811	811	--	9	9
Indonesia	--	--	--	--	--	196	--	196	196	--	2	2
Italy	--	--	10	--	--	47	--	927	927	--	10	10
Korea, South	86	--	--	--	--	691	--	1,113	1,113	--	12	12
Latvia	--	--	--	--	--	--	--	--	--	--	--	--
Lithuania	--	--	--	--	--	--	--	--	--	--	--	--
Malaysia	--	--	51	--	--	--	--	51	51	--	1	1
Mexico	354	--	--	--	--	--	--	6,254	47,844	462	69	532
Netherlands	--	--	--	--	--	58	--	451	451	--	5	5
Norway	--	--	--	--	--	--	--	327	327	--	4	4
Oman	--	--	--	114	--	49	--	163	163	--	2	2
Portugal	--	--	--	--	--	--	--	245	245	--	3	3
Qatar	--	--	--	--	--	948	--	948	948	--	11	11
Russia	--	--	--	158	--	--	--	29,778	33,744	44	331	375
Spain	--	--	--	--	--	--	--	188	188	--	2	2
Sweden	--	--	--	--	--	--	--	323	323	--	4	4
Syria	--	--	--	--	--	--	--	--	--	--	--	--
Trinidad and Tobago	--	--	--	--	--	--	--	--	3,619	40	--	40
United Kingdom	28	--	37	--	--	--	--	365	3,625	36	4	40
Vietnam	--	--	--	--	--	--	--	--	--	--	--	--
Virgin Islands, U.S.	--	--	--	--	--	--	--	1,040	1,040	--	12	12
Yemen	--	--	--	--	--	--	--	--	--	--	--	--
Other	269	0	8	17	0	1	--	3,672	4,674	13	39	49
<b>Total</b>	<b>810</b>	<b>119</b>	<b>119</b>	<b>764</b>	<b>98</b>	<b>2,642</b>	<b>--</b>	<b>54,804</b>	<b>176,473</b>	<b>1,352</b>	<b>609</b>	<b>1,961</b>
<b>Persian Gulf<sup>6</sup></b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>157</b>	<b>--</b>	<b>1,523</b>	<b>--</b>	<b>2,244</b>	<b>14,686</b>	<b>138</b>	<b>25</b>	<b>163</b>

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by 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 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-March 2021**  
(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 .....	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	<b>26,344</b>	<b>1,855</b>	<b>-</b>	<b>25</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>153</b>	<b>153</b>
Canada .....	26,344	1,855	-	25	-	-	-	-	153	153
Ecuador .....	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-
Other .....	0	0	-	0	-	-	-	-	0	0
<b>Total</b> .....	<b>26,344</b>	<b>1,855</b>	<b>-</b>	<b>25</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>153</b>	<b>153</b>
<b>PAD District 5</b>										
<b>OPEC</b> .....	<b>29,061</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>153</b>	<b>153</b>	<b>-</b>	<b>379</b>	<b>379</b>
Algeria .....	-	-	-	-	-	-	-	-	-	-
Angola .....	1,979	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	8,565	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-
Libya .....	4,172	-	-	-	-	-	-	-	-	-
Nigeria .....	3,356	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	10,989	-	-	-	-	153	153	-	185	185
United Arab Emirates .....	-	-	-	-	-	-	-	-	194	194
Venezuela .....	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	<b>58,504</b>	<b>4,871</b>	<b>-</b>	<b>2,440</b>	<b>-</b>	<b>908</b>	<b>908</b>	<b>-</b>	<b>2,292</b>	<b>2,292</b>
Argentina .....	1,509	55	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-
Brazil .....	2,774	-	-	-	-	-	-	-	-	-
Brunei .....	1,499	-	-	-	-	-	-	-	-	-
Canada .....	21,994	4,816	-	167	-	341	341	-	207	207
China .....	-	-	-	-	-	-	-	-	-	-
Colombia .....	5,528	-	-	-	-	-	-	-	-	-
Ecuador .....	11,783	-	-	241	-	-	-	-	-	-
Finland .....	-	-	-	-	-	1	1	-	271	271
Germany .....	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-
Japan .....	-	-	-	-	-	-	-	-	225	225
Korea, South .....	-	-	-	-	-	462	462	-	363	363
Malaysia .....	-	-	-	-	-	-	-	-	-	-
Mexico .....	2,746	-	-	652	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	-	-	-	-	-	-	-	-	-	-
Peru .....	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-
Singapore .....	-	-	-	-	-	-	-	-	315	315
Sweden .....	-	-	-	-	-	-	-	-	-	-
Taiwan .....	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	318	318
Vietnam .....	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	299	-	-	-	-	-	-
Other .....	10,671	0	-	1,081	-	104	104	-	593	593
<b>Total</b> .....	<b>87,565</b>	<b>4,982</b>	<b>-</b>	<b>2,440</b>	<b>-</b>	<b>1,061</b>	<b>1,061</b>	<b>-</b>	<b>2,671</b>	<b>2,671</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>19,554</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>153</b>	<b>153</b>	<b>-</b>	<b>379</b>	<b>379</b>

See footnotes at end of table.

**Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-March 2021**  
(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 .....	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	--	--	-	-	-	-	-	-	-	-	-
Iran .....	--	--	-	-	-	-	-	-	-	-	-
Iraq .....	--	--	-	-	-	-	-	-	-	-	-
Kuwait .....	--	--	-	-	-	-	-	-	-	-	-
Libya .....	--	--	-	-	-	-	-	-	-	-	-
Nigeria .....	--	--	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	--	--	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	--	--	-	-	-	-	-	-	-	-	-
Venezuela .....	--	--	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	--	--	-	140	-	-	568	-	-	-	568
Canada .....	--	--	-	140	-	-	568	-	-	-	568
Ecuador .....	--	--	-	-	-	-	-	-	-	-	-
Qatar .....	--	--	-	-	-	-	-	-	-	-	-
Other .....	--	--	-	0	-	-	0	-	-	-	0
<b>Total</b> .....	--	--	-	140	-	-	568	-	-	-	568
<b>PAD District 5</b>											
<b>OPEC</b> .....	--	--	-	-	-	-	-	-	-	-	-
Algeria .....	--	--	-	-	-	-	-	-	-	-	-
Angola .....	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	--	--	-	-	-	-	-	-	-	-	-
Iran .....	--	--	-	-	-	-	-	-	-	-	-
Iraq .....	--	--	-	-	-	-	-	-	-	-	-
Kuwait .....	--	--	-	-	-	-	-	-	-	-	-
Libya .....	--	--	-	-	-	-	-	-	-	-	-
Nigeria .....	--	--	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	--	--	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	--	--	-	-	-	-	-	-	-	-	-
Venezuela .....	--	--	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	--	--	-	172	2,405	-	1,534	313	-	-	1,847
Argentina .....	--	--	-	-	-	-	-	-	-	-	-
Aruba .....	--	--	-	-	-	-	-	-	-	-	-
Australia .....	--	--	-	-	-	-	-	-	-	-	-
Brazil .....	--	--	-	-	-	-	-	-	-	-	-
Brunei .....	--	--	-	-	-	-	-	-	-	-	-
Canada .....	--	--	-	57	-	-	1,534	-	-	-	1,534
China .....	--	--	-	-	-	-	-	-	-	-	-
Colombia .....	--	--	-	-	-	-	-	-	-	-	-
Ecuador .....	--	--	-	-	-	-	-	-	-	-	-
Finland .....	--	--	-	-	-	-	-	-	-	-	-
Germany .....	--	--	-	-	-	-	-	-	-	-	-
Indonesia .....	--	--	-	-	-	-	-	-	-	-	-
Japan .....	--	--	-	-	-	-	-	-	-	-	-
Korea, South .....	--	--	-	115	-	-	-	313	-	-	313
Malaysia .....	--	--	-	-	-	-	-	-	-	-	-
Mexico .....	--	--	-	-	-	-	-	-	-	-	-
Netherlands .....	--	--	-	-	-	-	-	-	-	-	-
Oman .....	--	--	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	--	--	-	-	-	-	-	-	-	-	-
Peru .....	--	--	-	-	-	-	-	-	-	-	-
Qatar .....	--	--	-	-	-	-	-	-	-	-	-
Singapore .....	--	--	-	-	-	-	-	-	-	-	-
Sweden .....	--	--	-	-	-	-	-	-	-	-	-
Taiwan .....	--	--	-	-	-	-	-	-	-	-	-
United Kingdom .....	--	--	-	-	-	-	-	-	-	-	-
Vietnam .....	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	--	--	-	-	-	-	-	-	-	-	-
Other .....	--	--	-	0	2,405	-	0	0	-	-	0
<b>Total</b> .....	--	--	-	172	2,405	-	1,534	313	-	-	1,847
<b>Persian Gulf<sup>3</sup></b> .....	--	--	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-March 2021**  
(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> .....	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	6	-	50	-	-	-	-	-
Canada .....	-	6	-	50	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-
Other .....	-	0	-	0	-	-	-	-	-
<b>Total</b> .....	-	6	-	50	-	-	-	-	-
<b>PAD District 5</b>									
<b>OPEC</b> .....	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	6	-	7,114	-	-	1,469	1,056	2,525
Argentina .....	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	313	-	-	-	-	-
Canada .....	-	6	-	76	-	-	335	327	662
China .....	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	449	449
Finland .....	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-
Japan .....	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	5,901	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	-	-	-	-	-	-	-	-	-
Peru .....	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-
Singapore .....	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-
Taiwan .....	-	-	-	309	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	-	-
Other .....	-	0	-	515	-	-	1,134	280	1,414
<b>Total</b> .....	-	6	-	7,114	-	-	1,469	1,056	2,525
<b>Persian Gulf<sup>3</sup></b> .....	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-March 2021**  
(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> .....	-	-	-	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	-	-	-	133	-	3	2,933	29,277	293	33	325
Canada .....	-	-	-	-	133	-	3	2,933	29,277	293	33	325
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-	-
Other .....	-	-	-	-	0	-	0	0	0	0	0	0
<b>Total</b> .....	-	-	-	-	133	-	3	2,933	29,277	293	33	325
<b>PAD District 5</b>												
<b>OPEC</b> .....	-	-	-	-	-	-	-	643	29,704	323	7	330
Algeria .....	-	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	1,979	22	-	22
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	8,565	95	-	95
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	4,172	46	-	46
Nigeria .....	-	-	-	-	-	-	-	-	3,356	37	-	37
Saudi Arabia .....	-	-	-	-	-	-	-	338	11,327	122	4	126
United Arab Emirates .....	-	-	-	-	-	-	-	194	194	-	2	2
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	44	-	99	-	246	70	-	25,039	83,543	650	278	928
Argentina .....	-	-	-	-	-	-	-	55	1,564	17	1	17
Aruba .....	-	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	2,774	31	-	31
Brunei .....	-	-	-	-	-	-	-	313	1,812	17	3	20
Canada .....	-	-	-	-	246	16	-	8,128	30,122	244	90	335
China .....	-	-	42	-	-	-	-	42	42	-	0	0
Colombia .....	-	-	-	-	-	-	-	-	5,528	61	-	61
Ecuador .....	-	-	-	-	-	-	-	690	12,473	131	8	139
Finland .....	-	-	-	-	-	-	-	272	272	-	3	3
Germany .....	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-	-	-
Japan .....	-	-	18	-	-	-	-	243	243	-	3	3
Korea, South .....	-	-	-	-	-	21	-	7,175	7,175	-	80	80
Malaysia .....	-	-	-	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	652	3,398	31	7	38
Netherlands .....	-	-	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	-	-	-	-	-	-	-	-	-	-	-	-
Peru .....	-	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	33	-	33	33	-	0	0
Singapore .....	-	-	-	-	-	-	-	2,720	2,720	-	30	30
Sweden .....	-	-	-	-	-	-	-	-	-	-	-	-
Taiwan .....	44	-	39	-	-	-	-	392	392	-	4	4
United Kingdom .....	-	-	-	-	-	-	-	318	318	-	4	4
Vietnam .....	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	299	299	-	3	3
Other .....	0	-	0	-	0	0	-	3,707	14,378	118	42	160
<b>Total</b> .....	44	-	99	-	246	70	-	25,682	113,247	973	285	1,258
<b>Persian Gulf<sup>3</sup></b> .....	-	-	-	-	-	33	-	565	20,119	217	6	224

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by 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 49. Exports of Crude Oil and Petroleum Products by PAD District, March 2021**  
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
<b>Crude Oil<sup>1</sup></b> .....	<b>698</b>	<b>4,056</b>	<b>77,491</b>	<b>-</b>	<b>998</b>	<b>83,243</b>	<b>2,685</b>
<b>Hydrocarbon Gas Liquids</b> .....	<b>8,887</b>	<b>9,520</b>	<b>48,457</b>	<b>62</b>	<b>1,523</b>	<b>68,450</b>	<b>2,208</b>
Natural Gas Liquids .....	8,887	9,520	48,457	62	1,523	68,450	2,208
Ethane .....	2,966	2,742	5,827	-	0	11,535	372
Propane .....	3,954	141	31,365	2	1,126	36,587	1,180
Normal Butane .....	1,891	125	11,134	-	388	13,538	437
Isobutane .....	1	3	51	-	1	56	2
Natural Gasoline .....	76	6,510	80	60	7	6,733	217
Refinery Olefins .....	--	--	--	--	--	--	--
Ethylene .....	--	--	--	--	--	--	--
Propylene .....	--	--	--	--	--	--	--
Normal Butylene .....	--	--	--	--	--	--	--
Isobutylene .....	--	--	--	--	--	--	--
<b>Other Liquids</b> .....	<b>191</b>	<b>1,829</b>	<b>9,348</b>	<b>0</b>	<b>528</b>	<b>11,895</b>	<b>384</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	133	776	2,245	-	302	3,457	112
Hydrogen .....	--	--	--	--	--	--	--
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	--	--	--
Methyl Tertiary Butyl Ether (MTBE) .....	--	--	--	--	--	--	--
Other Oxygenates .....	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol) ...	133	776	2,245	-	302	3,457	112
Fuel Ethanol .....	95	615	2,222	-	257	3,190	103
Biodiesel .....	38	161	23	-	45	267	9
Other Renewable Diesel .....	-	-	-	-	-	-	-
Other Renewable Fuels .....	-	-	-	-	-	-	-
Other Hydrocarbons .....	-	-	-	-	-	-	-
Unfinished Oils .....	53	999	4,999	0	49	6,100	197
Naphthas and Lighter .....	20	993	4,674	0	27	5,713	184
Kerosene and Light Gas Oils .....	33	6	325	-	22	387	12
Heavy Gas Oils .....	-	-	-	-	-	-	-
Residuum .....	-	-	-	-	-	-	-
Motor Gasoline Blend.Comp. (MGBC) .....	5	53	2,103	0	177	2,338	75
Reformulated .....	1	-	3	-	3	7	0
Conventional .....	5	53	2,100	0	174	2,332	75
Aviation Gasoline Blend. Comp. ....	-	-	-	-	-	-	-
<b>Finished Petroleum Products</b> .....	<b>2,105</b>	<b>916</b>	<b>63,913</b>	<b>18</b>	<b>7,507</b>	<b>74,459</b>	<b>2,402</b>
Finished Motor Gasoline .....	455	244	20,007	0	1,681	22,386	722
Reformulated .....	-	-	-	-	-	-	-
Conventional .....	455	244	20,007	0	1,681	22,386	722
Finished Aviation Gasoline .....	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel .....	258	43	1,293	-	429	2,024	65
Kerosene .....	-	-	-	-	-	-	-
Distillate Fuel Oil .....	791	121	23,909	-	2,062	26,883	867
15 ppm sulfur and under .....	788	0	22,272	-	2,008	25,068	809
Greater than 15 ppm to 500 ppm sulfur .....	-	16	601	-	51	669	22
Greater than 500 ppm sulfur .....	3	104	1,036	-	3	1,146	37
Residual Fuel Oil .....	62	130	2,391	2	235	2,820	91
Naphtha for Petro. Feed. Use .....	-	-	-	-	-	-	-
Other Oils for Petro. Feed. Use .....	-	-	-	-	-	-	-
Special Naphthas .....	-	-	-	-	-	-	-
Lubricants .....	175	202	2,438	15	419	3,250	105
Waxes .....	94	30	35	0	4	163	5
Petroleum Coke .....	166	32	13,081	-	2,642	15,923	514
Asphalt and Road Oil .....	87	112	738	0	34	972	31
Miscellaneous Products .....	16	2	21	-	0	39	1
<b>Total</b> .....	<b>11,881</b>	<b>16,320</b>	<b>199,209</b>	<b>80</b>	<b>10,555</b>	<b>238,047</b>	<b>7,679</b>

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

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

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

**Table 50. Year-to-Date Exports of Crude Oil and Petroleum Products by PAD District, January-March 2021**  
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
<b>Crude Oil<sup>1</sup></b> .....	<b>2,374</b>	<b>10,171</b>	<b>241,359</b>	<b>-</b>	<b>3,126</b>	<b>257,030</b>	<b>2,856</b>
<b>Hydrocarbon Gas Liquids</b> .....	<b>25,446</b>	<b>27,875</b>	<b>145,839</b>	<b>198</b>	<b>3,795</b>	<b>203,152</b>	<b>2,257</b>
Natural Gas Liquids .....	25,446	27,875	145,839	198	3,795	203,152	2,257
Ethane .....	7,246	7,834	16,255	-	0	31,335	348
Propane .....	12,401	355	101,626	3	2,658	115,892	1,288
Normal Butane .....	5,632	321	28,991	1	1,157	35,704	397
Isobutane .....	3	7	184	-	2	195	2
Natural Gasoline .....	226	19,365	221	195	20	20,027	223
Refinery Olefins .....	--	--	--	--	--	--	--
Ethylene .....	--	--	--	--	--	--	--
Propylene .....	--	--	--	--	--	--	--
Normal Butylene .....	--	--	--	--	--	--	--
Isobutylene .....	--	--	--	--	--	--	--
<b>Other Liquids</b> .....	<b>463</b>	<b>6,018</b>	<b>38,680</b>	<b>36</b>	<b>1,337</b>	<b>46,533</b>	<b>517</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	346	1,538	7,556	36	717	10,193	113
Hydrogen .....	--	--	--	--	--	--	--
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	--	--	--
Methyl Tertiary Butyl Ether (MTBE) .....	--	--	--	--	--	--	--
Other Oxygenates .....	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol) ...	346	1,538	7,556	36	717	10,193	113
Fuel Ethanol .....	215	1,305	7,393	36	635	9,583	106
Biodiesel .....	132	234	163	-	82	610	7
Other Renewable Diesel .....	-	-	-	-	-	-	-
Other Renewable Fuels .....	-	-	-	-	-	-	-
Other Hydrocarbons .....	-	-	-	-	-	-	-
Unfinished Oils .....	105	4,323	26,760	0	143	31,331	348
Naphthas and Lighter .....	36	4,307	26,055	0	89	30,487	339
Kerosene and Light Gas Oils .....	69	16	705	0	54	845	9
Heavy Gas Oils .....	-	-	-	-	-	-	-
Residuum .....	-	-	-	-	-	-	-
Motor Gasoline Blend.Comp. (MGBC) .....	12	156	4,364	0	477	5,009	56
Reformulated .....	1	-	13	-	6	21	0
Conventional .....	10	156	4,350	0	471	4,988	55
Aviation Gasoline Blend. Comp. ....	-	-	-	-	-	-	-
<b>Finished Petroleum Products</b> .....	<b>7,009</b>	<b>2,425</b>	<b>186,077</b>	<b>50</b>	<b>20,872</b>	<b>216,433</b>	<b>2,405</b>
Finished Motor Gasoline .....	507	643	60,450	1	4,800	66,400	738
Reformulated .....	-	-	-	-	-	-	-
Conventional .....	507	643	60,450	1	4,800	66,400	738
Finished Aviation Gasoline .....	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel .....	542	92	5,246	-	923	6,803	76
Kerosene .....	2	2	369	-	103	477	5
Distillate Fuel Oil .....	1,745	250	72,213	-	5,237	79,445	883
15 ppm sulfur and under .....	1,440	5	62,261	-	4,987	68,693	763
Greater than 15 ppm to 500 ppm sulfur .....	301	50	4,573	-	243	5,167	57
Greater than 500 ppm sulfur .....	4	194	5,379	-	7	5,584	62
Residual Fuel Oil .....	1,473	429	5,125	12	1,309	8,348	93
Naphtha for Petro. Feed. Use .....	-	-	-	-	-	-	-
Other Oils for Petro. Feed. Use .....	-	-	-	-	-	-	-
Special Naphthas .....	-	-	-	-	-	-	-
Lubricants .....	508	534	6,601	34	1,090	8,766	97
Waxes .....	227	98	87	0	12	424	5
Petroleum Coke .....	1,745	105	34,558	0	7,316	43,724	486
Asphalt and Road Oil .....	214	265	1,394	2	82	1,958	22
Miscellaneous Products .....	45	7	35	-	1	88	1
<b>Total</b> .....	<b>35,292</b>	<b>46,488</b>	<b>611,955</b>	<b>283</b>	<b>29,130</b>	<b>723,148</b>	<b>8,035</b>

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

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

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

**Table 51. Exports of Crude Oil and Petroleum Products by Destination, March 2021**  
(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 .....	—	—	—	305	—	—	—	—	—	—
Australia .....	—	3	—	1	—	—	—	0	—	0
Bahamas .....	—	33	—	—	—	42	42	—	0	0
Bahrain .....	—	—	—	—	—	—	—	—	—	—
Belgium .....	—	384	—	4	—	0	0	—	—	—
Belize .....	—	25	—	—	—	—	—	—	—	—
Brazil .....	—	1,725	—	1,734	—	457	457	—	—	—
Canada .....	10,432	9,675	—	1,016	—	832	832	—	1,136	1,136
Cayman Islands .....	—	0	—	—	—	0	0	0	0	0
Chile .....	721	942	—	11	—	472	472	—	1	1
China .....	10,503	8,997	—	13	—	0	0	—	—	—
Colombia .....	662	0	—	628	—	1,047	1,047	—	151	151
Costa Rica .....	—	129	—	1	—	923	923	—	—	—
Denmark .....	—	—	—	60	—	—	—	—	—	—
Dominican Republic .....	484	1,056	—	0	—	440	440	—	—	—
Ecuador .....	—	1,063	—	23	—	899	899	—	1	1
Egypt .....	—	1,453	—	—	—	—	—	—	—	—
El Salvador .....	—	239	—	0	—	420	420	—	0	0
Finland .....	—	—	—	—	—	—	—	—	—	—
France .....	2,865	1,678	—	14	—	—	—	—	—	—
Germany .....	1,529	1	—	8	—	—	—	—	—	—
Ghana .....	—	—	—	—	—	—	—	—	—	—
Gibraltar .....	—	—	—	—	—	—	—	—	—	—
Greece .....	—	—	—	—	—	0	0	—	—	—
Guatemala .....	—	400	—	1	—	687	687	—	—	—
Honduras .....	—	655	—	1	—	398	398	—	—	—
Hong Kong .....	—	—	—	0	—	—	—	—	—	—
India .....	10,677	3,834	—	2	—	20	20	—	1	1
Indonesia .....	—	4,987	—	0	—	—	—	—	—	—
Ireland .....	—	—	—	—	—	—	—	—	—	—
Israel .....	—	0	—	12	—	—	—	—	—	—
Italy .....	2,299	—	—	8	—	0	0	—	—	—
Jamaica .....	—	20	—	—	—	104	104	—	0	0
Japan .....	—	11,856	—	656	—	0	0	2	—	2
Korea, South .....	12,351	3,355	—	701	—	1	1	1	0	1
Lebanon .....	—	—	—	—	—	0	0	—	—	—
Mexico .....	—	5,370	—	168	—	14,033	14,033	3	1,042	1,045
Montenegro .....	—	—	—	—	—	—	—	—	—	—
Morocco .....	—	1,062	—	—	—	—	—	—	—	—
Mozambique .....	—	—	—	—	—	—	—	—	—	—
Netherlands .....	5,968	2,180	—	19	—	—	—	—	—	—
New Zealand .....	—	0	—	0	—	—	—	—	—	—
Nicaragua .....	—	—	—	—	—	46	46	—	—	—
Nigeria .....	—	850	—	0	—	0	0	—	—	—
Norway .....	—	676	—	20	—	—	—	—	0	0
Pakistan .....	—	—	—	—	—	0	0	—	—	—
Panama .....	—	69	—	0	—	506	506	—	—	—
Peru .....	1,435	545	—	6	—	766	766	—	0	0
Philippines .....	—	—	—	—	—	—	—	—	—	—
Portugal .....	717	414	—	—	—	—	—	—	—	—
Puerto Rico .....	—	27	—	7	—	3	3	—	—	—
Romania .....	—	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	4	—	1	1	—	0	0
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—	—	—
Singapore .....	2,053	1,020	—	241	—	0	0	—	—	—
South Africa .....	—	—	—	—	—	—	—	—	—	—
Spain .....	1,435	269	—	16	—	—	—	—	—	—
Switzerland .....	650	185	—	—	—	—	—	—	—	—
Taiwan .....	9,442	3	—	326	—	3	3	—	—	—
Thailand .....	—	—	—	3	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	0	—	0	0	—	—	—
Turkey .....	—	228	—	—	—	—	—	—	—	—
United Arab Emirates .....	—	—	—	0	—	1	1	—	—	—
United Kingdom .....	6,100	1,093	—	0	—	11	11	—	—	—
Venezuela .....	—	0	—	—	—	—	—	0	0	0
Other .....	2,920	1,949	—	91	—	274	274	1	—	—
<b>Total .....</b>	<b>83,243</b>	<b>68,450</b>	<b>—</b>	<b>6,100</b>	<b>—</b>	<b>22,386</b>	<b>22,386</b>	<b>7</b>	<b>2,332</b>	<b>2,338</b>

See footnotes at end of table.

**Table 51. Exports of Crude Oil and Petroleum Products by Destination, March 2021**  
(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	--	--	--	220	--	--	--	220
Australia .....	--	--	0	--	--	--	1	--	--	--	1
Bahamas .....	--	--	--	--	--	--	381	--	--	--	381
Bahrain .....	--	--	--	--	--	--	--	--	--	--	--
Belgium .....	--	--	0	--	--	--	--	--	--	--	--
Belize .....	--	--	0	--	--	--	42	--	--	--	42
Brazil .....	--	--	127	--	--	--	1,514	130	--	--	1,644
Canada .....	--	--	816	214	--	--	0	143	110	--	253
Cayman Islands .....	--	--	--	--	--	--	70	--	--	--	70
Chile .....	--	--	1	--	--	--	2,496	--	--	--	2,496
China .....	--	--	1,150	--	--	--	2	--	--	--	2
Colombia .....	--	--	58	--	--	--	221	--	--	--	221
Costa Rica .....	--	--	0	--	--	--	816	--	--	--	816
Denmark .....	--	--	--	--	--	--	37	--	--	--	37
Dominican Republic .....	--	--	1	--	--	--	320	--	246	--	566
Ecuador .....	--	--	--	--	--	--	285	--	--	--	285
Egypt .....	--	--	1	--	--	--	0	--	--	--	0
El Salvador .....	--	--	--	--	--	--	404	--	--	--	404
Finland .....	--	--	--	--	--	--	--	--	--	--	--
France .....	--	--	0	--	--	--	3	--	--	--	3
Germany .....	--	--	0	0	--	--	--	--	--	--	--
Ghana .....	--	--	--	--	--	--	--	--	--	--	--
Gibraltar .....	--	--	--	--	--	--	425	--	310	--	735
Greece .....	--	--	--	--	--	--	--	--	--	--	--
Guatemala .....	--	--	0	--	--	--	1,095	--	--	--	1,095
Honduras .....	--	--	--	--	--	--	700	--	--	--	700
Hong Kong .....	--	--	0	--	--	--	--	--	--	--	--
India .....	--	--	403	--	--	--	4	--	--	--	4
Indonesia .....	--	--	--	--	--	--	788	--	--	--	788
Ireland .....	--	--	0	--	--	--	--	--	--	--	--
Israel .....	--	--	1	--	--	--	--	--	--	--	--
Italy .....	--	--	3	--	--	--	--	--	--	--	--
Jamaica .....	--	--	13	--	--	--	0	0	97	--	97
Japan .....	--	--	1	--	--	--	--	--	--	--	--
Korea, South .....	--	--	169	0	--	--	486	--	--	--	486
Lebanon .....	--	--	--	--	--	--	0	--	--	--	0
Mexico .....	--	--	59	0	--	--	8,616	0	9	--	8,625
Montenegro .....	--	--	--	--	--	--	--	--	--	--	--
Morocco .....	--	--	--	--	--	--	--	--	--	--	--
Mozambique .....	--	--	--	--	--	--	--	--	--	--	--
Netherlands .....	--	--	--	28	--	--	--	--	--	--	--
New Zealand .....	--	--	--	--	--	--	--	--	--	--	--
Nicaragua .....	--	--	--	--	--	--	394	--	--	--	394
Nigeria .....	--	--	--	--	--	--	--	--	--	--	--
Norway .....	--	--	0	--	--	--	0	--	--	--	0
Pakistan .....	--	--	--	--	--	--	--	--	--	--	--
Panama .....	--	--	0	--	--	--	1,695	57	--	--	1,752
Peru .....	--	--	108	23	--	--	2,476	--	--	--	2,476
Philippines .....	--	--	110	--	--	--	--	--	--	--	--
Portugal .....	--	--	--	--	--	--	--	--	--	--	--
Puerto Rico .....	--	--	3	--	--	--	0	--	--	--	0
Romania .....	--	--	--	--	--	--	--	--	--	--	--
Saudi Arabia .....	--	--	40	--	--	--	3	--	--	--	3
Serbia (Excludes Kosovo) ..	--	--	--	--	--	--	--	--	--	--	--
Singapore .....	--	--	17	1	--	--	0	--	--	--	0
South Africa .....	--	--	0	--	--	--	0	--	--	--	0
Spain .....	--	--	--	--	--	--	--	--	--	--	--
Switzerland .....	--	--	20	--	--	--	--	--	--	--	--
Taiwan .....	--	--	0	--	--	--	0	--	--	--	0
Thailand .....	--	--	--	--	--	--	0	--	--	--	0
Trinidad and Tobago .....	--	--	0	--	--	--	0	250	--	--	250
Turkey .....	--	--	48	--	--	--	--	--	--	--	--
United Arab Emirates .....	--	--	--	--	--	--	--	--	--	--	--
United Kingdom .....	--	--	0	--	--	--	--	--	--	--	--
Venezuela .....	--	--	--	--	--	--	0	--	--	--	0
Other .....	--	--	41	1	--	--	1,574	89	374	--	2,037
<b>Total .....</b>	<b>--</b>	<b>--</b>	<b>3,190</b>	<b>267</b>	<b>--</b>	<b>--</b>	<b>25,068</b>	<b>669</b>	<b>1,146</b>	<b>--</b>	<b>26,883</b>

See footnotes at end of table.

**Table 51. Exports of Crude Oil and Petroleum Products by Destination, March 2021**  
(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 .....	-	-	-	-	-	-	-	-
Australia .....	-	-	-	0	-	-	-	-
Bahamas .....	-	-	-	2	-	503	-	-
Bahrain .....	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-
Belize .....	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	120	-	-	-	-
Canada .....	-	-	-	451	-	978	-	-
Cayman Islands .....	-	-	-	-	-	1	-	-
Chile .....	-	-	-	76	-	68	-	-
China .....	-	-	-	0	-	1	-	-
Colombia .....	-	-	-	1	-	-	-	-
Costa Rica .....	-	-	-	90	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-
Dominican Republic .....	-	-	-	0	-	90	-	-
Ecuador .....	-	-	-	1	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-
El Salvador .....	-	-	-	20	-	0	-	-
Finland .....	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	0	-	-
Germany .....	-	-	-	-	-	1	-	-
Ghana .....	-	-	-	-	-	-	-	-
Gibraltar .....	-	-	-	-	-	-	-	-
Greece .....	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	124	-	-	-	-
Honduras .....	-	-	-	22	-	75	-	-
Hong Kong .....	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	1	-	-
Indonesia .....	-	-	-	-	-	0	-	-
Ireland .....	-	-	-	-	-	-	-	-
Israel .....	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-
Jamaica .....	-	-	-	1	-	33	-	-
Japan .....	-	-	-	0	-	-	-	-
Korea, South .....	-	-	-	0	-	-	-	-
Lebanon .....	-	-	-	-	-	507	-	-
Mexico .....	-	-	-	908	-	409	-	-
Montenegro .....	-	-	-	-	-	-	-	-
Morocco .....	-	-	-	-	-	-	-	-
Mozambique .....	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-
New Zealand .....	-	-	-	-	-	0	-	-
Nicaragua .....	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	0	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-
Pakistan .....	-	-	-	-	-	-	-	-
Panama .....	-	-	-	75	-	-	-	-
Peru .....	-	-	-	2	-	-	-	-
Philippines .....	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-
Puerto Rico .....	-	-	-	0	-	-	-	-
Romania .....	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-
Singapore .....	-	-	-	-	-	-	-	-
South Africa .....	-	-	-	-	-	0	-	-
Spain .....	-	-	-	-	-	-	-	-
Switzerland .....	-	-	-	-	-	-	-	-
Taiwan .....	-	-	-	-	-	-	-	-
Thailand .....	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	0	-	-	-	-
Turkey .....	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	0	-	-
United Kingdom .....	-	-	-	0	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-
Other .....	-	-	-	131	-	153	-	-
<b>Total .....</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,024</b>	<b>-</b>	<b>2,820</b>	<b>-</b>	<b>-</b>

See footnotes at end of table.

**Table 51. Exports of Crude Oil and Petroleum Products by Destination, March 2021**  
(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 .....	0	—	0	96	—	622	622	—	20	20
Australia .....	3	158	1	5	1	172	172	—	6	6
Bahamas .....	—	—	1	1	0	964	964	—	31	31
Bahrain .....	—	—	—	0	—	0	0	—	0	0
Belgium .....	0	84	—	459	1	932	932	—	30	30
Belize .....	—	—	—	0	—	67	67	—	2	2
Brazil .....	1	2,066	—	490	1	8,366	8,366	—	270	270
Canada .....	113	427	202	275	5	16,393	26,825	337	529	865
Cayman Islands .....	—	—	2	1	0	75	75	—	2	2
Chile .....	0	0	155	99	0	4,320	5,041	23	139	163
China .....	3	2,636	1	26	1	12,829	23,333	339	414	753
Colombia .....	0	—	0	60	1	2,167	2,830	21	70	91
Costa Rica .....	0	—	0	21	0	1,980	1,980	—	64	64
Denmark .....	0	193	—	0	—	289	289	—	9	9
Dominican Republic .....	0	198	143	15	0	2,510	2,994	16	81	97
Ecuador .....	0	—	0	61	0	2,333	2,333	—	75	75
Egypt .....	—	283	—	0	—	1,738	1,738	—	56	56
El Salvador .....	—	—	—	55	—	1,139	1,139	—	37	37
Finland .....	—	—	—	1	—	1	1	—	0	0
France .....	0	8	—	1	0	1,705	4,570	92	55	147
Germany .....	4	3	3	3	0	24	1,553	49	1	50
Ghana .....	—	—	—	1	—	1	1	—	0	0
Gibraltar .....	—	—	—	—	—	735	735	—	24	24
Greece .....	—	66	—	0	—	67	67	—	2	2
Guatemala .....	0	—	—	31	—	2,339	2,339	—	75	75
Honduras .....	0	231	42	15	—	2,139	2,139	—	69	69
Hong Kong .....	0	—	—	1	0	1	1	—	0	0
India .....	1	871	0	9	0	5,146	15,823	344	166	510
Indonesia .....	0	0	0	3	—	5,778	5,778	—	186	186
Ireland .....	—	352	—	0	—	352	352	—	11	11
Israel .....	0	—	—	44	—	57	57	—	2	2
Italy .....	0	243	—	1	0	255	2,554	74	8	82
Jamaica .....	0	—	—	5	0	272	272	—	9	9
Japan .....	0	1,303	1	8	4	13,831	13,831	—	446	446
Korea, South .....	0	1	0	9	0	4,724	17,075	398	152	551
Lebanon .....	—	—	—	2	—	508	508	—	16	16
Mexico .....	22	2,057	251	954	21	33,924	33,924	—	1,094	1,094
Montenegro .....	—	—	—	0	—	0	0	—	0	0
Morocco .....	—	459	—	0	—	1,521	1,521	—	49	49
Mozambique .....	—	105	—	—	—	105	105	—	3	3
Netherlands .....	10	931	1	64	0	3,233	9,202	193	104	297
New Zealand .....	0	—	98	1	—	100	100	—	3	3
Nicaragua .....	—	0	—	8	—	448	448	—	14	14
Nigeria .....	0	—	—	2	—	852	852	—	27	27
Norway .....	0	86	—	0	—	783	783	—	25	25
Pakistan .....	—	—	—	0	0	0	0	—	0	0
Panama .....	1	—	35	11	—	2,450	2,450	—	79	79
Peru .....	0	0	0	85	0	4,012	5,447	46	129	176
Philippines .....	0	—	0	2	0	112	112	—	4	4
Portugal .....	0	165	—	0	—	579	1,295	23	19	42
Puerto Rico .....	0	—	1	20	—	62	62	—	2	2
Romania .....	—	72	—	0	—	72	72	—	2	2
Saudi Arabia .....	0	124	—	6	—	177	177	—	6	6
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—	—	—
Singapore .....	0	—	0	58	0	1,337	3,390	66	43	109
South Africa .....	—	99	—	66	—	166	166	—	5	5
Spain .....	0	1,508	—	2	—	1,796	3,231	46	58	104
Switzerland .....	—	—	—	0	—	205	855	21	7	28
Taiwan .....	0	2	0	6	0	340	9,782	305	11	316
Thailand .....	0	—	0	3	0	7	7	—	0	0
Trinidad and Tobago .....	—	0	—	5	—	256	256	—	8	8
Turkey .....	—	302	—	47	—	624	624	—	20	20
United Arab Emirates .....	0	422	1	21	—	445	445	—	14	14
United Kingdom .....	1	0	0	1	2	1,109	7,209	197	36	233
Venezuela .....	—	—	—	4	—	5	5	—	0	0
Other .....	4	468	34	86	2	5,253	8,171	95	175	268
<b>Total .....</b>	<b>163</b>	<b>15,923</b>	<b>972</b>	<b>3,250</b>	<b>39</b>	<b>154,804</b>	<b>238,047</b>	<b>2,685</b>	<b>4,994</b>	<b>7,679</b>

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

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

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

**Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-March 2021**  
(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 .....	8	0	--	315	--	--	--	--	--	--
Australia .....	2,226	579	--	3	--	--	--	1	0	1
Bahamas .....	--	601	--	--	--	201	201	0	1	1
Bahrain .....	--	--	--	--	--	1	1	--	--	--
Belgium .....	735	1,058	--	667	--	0	0	--	--	--
Belize .....	--	52	--	--	--	50	50	--	--	--
Brazil .....	5,449	3,386	--	8,313	--	2,973	2,973	--	--	--
Canada .....	29,997	28,402	--	4,367	--	1,391	1,391	--	2,009	2,009
Cayman Islands .....	--	10	--	--	--	129	129	1	0	1
Chile .....	2,855	2,622	--	28	--	1,207	1,207	--	1	1
China .....	30,121	18,072	--	18	--	3	3	--	0	0
Colombia .....	1,762	22	--	1,771	--	3,149	3,149	--	151	151
Costa Rica .....	--	487	--	9	--	2,140	2,140	--	--	--
Denmark .....	700	--	--	125	--	--	--	0	--	0
Dominican Republic .....	1,956	3,269	--	1	--	650	650	--	--	--
Ecuador .....	--	2,659	--	341	--	2,405	2,405	--	1	1
Egypt .....	--	2,430	--	--	--	--	--	--	--	--
El Salvador .....	--	845	--	1	--	1,243	1,243	--	0	0
Finland .....	--	--	--	--	--	--	--	--	--	--
France .....	7,982	2,700	--	55	--	--	--	--	--	--
Germany .....	5,299	158	--	19	--	--	--	--	0	0
Ghana .....	--	--	--	--	--	--	--	--	--	--
Gibraltar .....	--	475	--	--	--	--	--	--	--	--
Greece .....	--	--	--	--	--	0	0	--	--	--
Guatemala .....	--	1,439	--	8	--	4,106	4,106	--	--	--
Honduras .....	--	1,500	--	3	--	1,323	1,323	--	0	0
Hong Kong .....	--	--	--	0	--	--	--	--	--	--
India .....	37,976	12,629	--	20	--	20	20	--	1	1
Indonesia .....	612	14,349	--	3	--	--	--	--	--	--
Ireland .....	1,840	--	--	--	--	--	--	--	--	--
Israel .....	--	1	--	53	--	--	--	--	--	--
Italy .....	7,445	1,011	--	8	--	0	0	--	--	--
Jamaica .....	--	104	--	0	--	196	196	--	1	1
Japan .....	710	38,216	--	5,150	--	1	1	4	183	187
Korea, South .....	29,145	9,407	--	3,522	--	3	3	1	3	4
Lebanon .....	--	--	--	--	--	0	0	--	--	--
Mexico .....	--	17,171	--	1,237	--	39,026	39,026	13	2,528	2,541
Montenegro .....	--	--	--	--	--	--	--	--	--	--
Morocco .....	--	3,872	--	--	--	--	--	--	--	--
Mozambique .....	--	--	--	--	--	--	--	--	--	--
Netherlands .....	23,165	5,167	--	1,529	--	--	--	--	--	--
New Zealand .....	--	1	--	0	--	--	--	--	--	--
Nicaragua .....	722	--	--	--	--	297	297	--	--	--
Nigeria .....	--	2,534	--	0	--	500	500	--	--	--
Norway .....	2,160	2,657	--	413	--	--	--	--	0	0
Pakistan .....	--	--	--	--	--	0	0	--	--	--
Panama .....	1,400	191	--	3	--	2,059	2,059	0	0	0
Peru .....	1,836	1,300	--	13	--	2,157	2,157	--	106	106
Philippines .....	--	525	--	--	--	--	--	--	--	--
Portugal .....	1,454	4,506	--	--	--	--	--	--	--	--
Puerto Rico .....	--	92	--	8	--	7	7	--	2	2
Romania .....	--	--	--	--	--	--	--	--	--	--
Saudi Arabia .....	--	--	--	4	--	1	1	--	0	0
Serbia (Excludes Kosovo) ..	--	--	--	--	--	--	--	--	--	--
Singapore .....	8,689	3,174	--	1,429	--	0	0	--	--	--
South Africa .....	--	254	--	--	--	--	--	--	--	--
Spain .....	5,135	1,322	--	33	--	--	--	--	--	--
Switzerland .....	1,369	1,840	--	345	--	--	--	--	--	--
Taiwan .....	16,109	3	--	642	--	6	6	--	0	0
Thailand .....	3,977	0	--	6	--	--	--	--	--	--
Trinidad and Tobago .....	--	0	--	1	--	0	0	--	--	--
Turkey .....	--	3,109	--	0	--	--	--	--	0	0
United Arab Emirates .....	--	0	--	2	--	1	1	--	0	0
United Kingdom .....	15,841	2,669	--	269	--	160	160	--	--	--
Venezuela .....	--	0	--	0	--	1	1	1	0	1
Other .....	8,355	6,282	--	597	--	994	994	--	1	1
<b>Total .....</b>	<b>257,030</b>	<b>203,152</b>	<b>--</b>	<b>31,331</b>	<b>--</b>	<b>66,400</b>	<b>66,400</b>	<b>21</b>	<b>4,988</b>	<b>5,009</b>

See footnotes at end of table.

**Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-March 2021**  
(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	--	--	--	220	--	--	--	220
Australia .....	--	--	0	0	--	--	2	--	--	--	2
Bahamas .....	--	--	0	--	--	--	443	--	550	--	993
Bahrain .....	--	--	0	--	--	--	--	--	--	--	--
Belgium .....	--	--	1	--	--	--	374	--	--	--	374
Belize .....	--	--	0	--	--	--	77	--	--	--	77
Brazil .....	--	--	729	--	--	--	8,921	807	101	--	9,828
Canada .....	--	--	1,698	370	--	--	5	786	203	--	994
Cayman Islands .....	--	--	--	--	--	--	105	--	--	--	105
Chile .....	--	--	2	--	--	--	6,621	0	--	--	6,621
China .....	--	--	1,803	--	--	--	4	--	1	--	5
Colombia .....	--	--	413	--	--	--	735	--	--	--	735
Costa Rica .....	--	--	1	--	--	--	1,845	--	--	--	1,845
Denmark .....	--	--	--	--	--	--	37	--	--	--	37
Dominican Republic .....	--	--	2	--	--	--	654	0	346	--	1,000
Ecuador .....	--	--	0	--	--	--	668	442	165	--	1,275
Egypt .....	--	--	2	--	--	--	1	--	--	--	1
El Salvador .....	--	--	--	--	--	--	490	206	233	--	929
Finland .....	--	--	--	--	--	--	--	--	--	--	--
France .....	--	--	111	--	--	--	3	--	--	--	3
Germany .....	--	--	5	3	--	--	0	--	--	--	0
Ghana .....	--	--	--	--	--	--	--	--	--	--	--
Gibraltar .....	--	--	--	--	--	--	1,178	40	1,290	--	2,508
Greece .....	--	--	1	--	--	--	--	--	--	--	--
Guatemala .....	--	--	0	--	--	--	2,201	247	879	--	3,327
Honduras .....	--	--	0	--	--	--	1,907	--	--	--	1,907
Hong Kong .....	--	--	0	--	--	--	--	--	--	--	--
India .....	--	--	1,975	--	--	--	8	--	15	--	23
Indonesia .....	--	--	0	--	--	--	1,349	--	--	--	1,349
Ireland .....	--	--	0	--	--	--	--	--	--	--	--
Israel .....	--	--	2	--	--	--	0	--	--	--	0
Italy .....	--	--	13	--	--	--	--	209	--	--	209
Jamaica .....	--	--	88	--	--	--	71	0	198	--	269
Japan .....	--	--	1	--	--	--	2	--	--	--	2
Korea, South .....	--	--	925	3	--	--	831	--	--	--	831
Lebanon .....	--	--	--	--	--	--	0	--	--	--	0
Mexico .....	--	--	174	1	--	--	21,920	0	30	--	21,951
Montenegro .....	--	--	--	--	--	--	--	--	--	--	--
Morocco .....	--	--	--	--	--	--	326	--	--	--	326
Mozambique .....	--	--	--	--	--	--	--	--	--	--	--
Netherlands .....	--	--	28	70	--	--	294	--	--	--	294
New Zealand .....	--	--	--	--	--	--	--	--	--	--	--
Nicaragua .....	--	--	--	--	--	--	394	20	309	--	723
Nigeria .....	--	--	333	--	--	--	1	--	--	--	1
Norway .....	--	--	69	--	--	--	80	--	--	--	80
Pakistan .....	--	--	--	--	--	--	--	--	--	--	--
Panama .....	--	--	0	--	--	--	3,583	779	--	--	4,362
Peru .....	--	--	231	78	--	--	6,776	0	--	--	6,777
Philippines .....	--	--	547	--	--	--	--	--	--	--	--
Portugal .....	--	--	--	--	--	--	0	--	--	--	0
Puerto Rico .....	--	--	11	--	--	--	1	0	0	--	1
Romania .....	--	--	--	--	--	--	--	--	--	--	--
Saudi Arabia .....	--	--	138	--	--	--	5	--	--	--	5
Serbia (Excludes Kosovo) ..	--	--	--	--	--	--	--	--	--	--	--
Singapore .....	--	--	27	1	--	--	2,190	--	25	--	2,215
South Africa .....	--	--	0	--	--	--	0	--	--	--	0
Spain .....	--	--	0	--	--	--	--	--	--	--	--
Switzerland .....	--	--	24	--	--	--	285	--	--	--	285
Taiwan .....	--	--	1	--	--	--	0	--	--	--	0
Thailand .....	--	--	0	--	--	--	0	--	--	--	0
Trinidad and Tobago .....	--	--	0	--	--	--	600	510	--	--	1,110
Turkey .....	--	--	86	--	--	--	--	--	--	--	--
United Arab Emirates .....	--	--	0	--	--	--	--	--	--	--	--
United Kingdom .....	--	--	54	--	--	--	324	--	--	--	324
Venezuela .....	--	--	0	--	--	--	1	--	--	--	1
Other .....	--	--	88	84	--	--	3,161	1,121	1,239	--	5,521
<b>Total .....</b>	<b>--</b>	<b>--</b>	<b>9,583</b>	<b>610</b>	<b>--</b>	<b>--</b>	<b>68,693</b>	<b>5,167</b>	<b>5,584</b>	<b>--</b>	<b>79,445</b>

See footnotes at end of table.

**Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-March 2021**  
(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 .....	—	—	—	—	—	—	—	—
Australia .....	0	—	—	0	—	—	—	—
Bahamas .....	—	—	—	323	—	761	—	—
Bahrain .....	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	—	—	—	—	—
Belize .....	—	—	—	—	—	—	—	—
Brazil .....	—	—	—	120	—	—	—	—
Canada .....	110	—	—	973	—	2,467	—	—
Cayman Islands .....	—	—	—	6	—	1	—	—
Chile .....	—	—	—	364	—	674	—	—
China .....	—	—	—	0	—	3	—	—
Colombia .....	4	—	—	1	—	—	—	—
Costa Rica .....	—	—	—	281	—	—	—	—
Denmark .....	—	—	—	—	—	—	—	—
Dominican Republic .....	—	—	—	285	—	285	—	—
Ecuador .....	0	—	—	1	—	—	—	—
Egypt .....	0	—	—	—	—	—	—	—
El Salvador .....	0	—	—	67	—	0	—	—
Finland .....	—	—	—	—	—	0	—	—
France .....	—	—	—	—	—	0	—	—
Germany .....	—	—	—	—	—	1	—	—
Ghana .....	—	—	—	—	—	—	—	—
Gibraltar .....	—	—	—	—	—	—	—	—
Greece .....	—	—	—	—	—	—	—	—
Guatemala .....	—	—	—	228	—	—	—	—
Honduras .....	0	—	—	57	—	75	—	—
Hong Kong .....	—	—	—	—	—	0	—	—
India .....	—	—	—	—	—	2	—	—
Indonesia .....	—	—	—	—	—	0	—	—
Ireland .....	—	—	—	—	—	—	—	—
Israel .....	0	—	—	333	—	—	—	—
Italy .....	—	—	—	—	—	—	—	—
Jamaica .....	0	—	—	61	—	185	—	—
Japan .....	—	—	—	0	—	—	—	—
Korea, South .....	—	—	—	0	—	—	—	—
Lebanon .....	—	—	—	—	—	507	—	—
Mexico .....	296	—	—	2,463	—	1,080	—	—
Montenegro .....	—	—	—	—	—	—	—	—
Morocco .....	—	—	—	—	—	—	—	—
Mozambique .....	—	—	—	—	—	—	—	—
Netherlands .....	—	—	—	—	—	259	—	—
New Zealand .....	0	—	—	—	—	0	—	—
Nicaragua .....	56	—	—	42	—	—	—	—
Nigeria .....	—	—	—	0	—	—	—	—
Norway .....	—	—	—	—	—	—	—	—
Pakistan .....	—	—	—	—	—	—	—	—
Panama .....	—	—	—	430	—	671	—	—
Peru .....	—	—	—	197	—	1	—	—
Philippines .....	—	—	—	—	—	0	—	—
Portugal .....	—	—	—	—	—	—	—	—
Puerto Rico .....	—	—	—	0	—	—	—	—
Romania .....	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	—	—	340	—	—
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—
Singapore .....	7	—	—	—	—	600	—	—
South Africa .....	—	—	—	—	—	0	—	—
Spain .....	—	—	—	—	—	—	—	—
Switzerland .....	—	—	—	—	—	—	—	—
Taiwan .....	—	—	—	—	—	0	—	—
Thailand .....	—	—	—	0	—	0	—	—
Trinidad and Tobago .....	—	—	—	0	—	—	—	—
Turkey .....	—	—	—	—	—	—	—	—
United Arab Emirates .....	1	—	—	—	—	0	—	—
United Kingdom .....	0	—	—	0	—	0	—	—
Venezuela .....	—	—	—	—	—	—	—	—
Other .....	3	—	—	571	—	436	—	—
<b>Total .....</b>	<b>477</b>	<b>—</b>	<b>—</b>	<b>6,803</b>	<b>—</b>	<b>8,348</b>	<b>—</b>	<b>—</b>

See footnotes at end of table.

**Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-March 2021**  
(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 .....	1	0	0	178	0	715	723	0	8	8
Australia .....	4	618	2	14	1	1,224	3,450	25	14	38
Bahamas .....	—	—	3	6	1	2,889	2,889	—	32	32
Bahrain .....	—	—	—	0	—	1	1	—	0	0
Belgium .....	0	240	—	1,423	2	3,765	4,501	8	42	50
Belize .....	—	—	—	3	—	182	182	—	2	2
Brazil .....	3	4,304	0	1,005	2	30,664	36,113	61	341	401
Canada .....	300	1,170	477	744	21	45,493	75,490	333	505	839
Cayman Islands .....	—	—	7	3	0	261	261	—	3	3
Chile .....	1	1	155	207	0	11,883	14,738	32	132	164
China .....	6	10,114	2	63	2	30,091	60,212	335	334	669
Colombia .....	1	—	0	268	1	6,517	8,279	20	72	92
Costa Rica .....	0	109	117	51	0	5,041	5,041	—	56	56
Denmark .....	0	353	—	0	—	516	1,216	8	6	14
Dominican Republic .....	0	544	184	51	0	6,271	8,227	22	70	91
Ecuador .....	0	629	0	151	0	7,462	7,462	—	83	83
Egypt .....	—	574	—	1	—	3,007	3,007	—	33	33
El Salvador .....	0	163	0	67	—	3,317	3,317	—	37	37
Finland .....	—	—	—	1	—	2	2	—	0	0
France .....	1	739	—	2	0	3,611	11,593	89	40	129
Germany .....	10	17	7	7	0	227	5,526	59	3	61
Ghana .....	—	—	—	1	—	1	1	—	0	0
Gibraltar .....	—	—	—	—	—	2,982	2,982	—	33	33
Greece .....	—	470	—	1	—	472	472	—	5	5
Guatemala .....	1	445	—	68	—	9,621	9,621	—	107	107
Honduras .....	0	231	42	38	0	5,176	5,176	—	58	58
Hong Kong .....	0	0	—	2	0	4	4	—	0	0
India .....	3	1,603	1	379	0	16,655	54,631	422	185	607
Indonesia .....	0	0	3	5	—	15,708	16,321	7	175	181
Ireland .....	—	352	—	1	0	353	2,193	20	4	24
Israel .....	0	134	—	48	—	572	572	—	6	6
Italy .....	6	1,594	0	3	1	2,845	10,289	83	32	114
Jamaica .....	0	0	0	15	0	920	920	—	10	10
Japan .....	1	3,749	3	26	12	47,347	48,056	8	526	534
Korea, South .....	1	2	1	22	1	14,722	43,867	324	164	487
Lebanon .....	—	—	—	2	—	509	509	—	6	6
Mexico .....	60	6,682	654	2,586	34	95,955	95,955	—	1,066	1,066
Montenegro .....	—	—	—	0	—	0	0	—	0	0
Morocco .....	—	868	—	0	—	5,066	5,066	—	56	56
Mozambique .....	—	274	—	—	—	274	274	—	3	3
Netherlands .....	16	1,086	3	70	0	8,522	31,688	257	95	352
New Zealand .....	0	105	197	3	—	305	305	—	3	3
Nicaragua .....	—	0	—	17	—	1,135	1,857	8	13	21
Nigeria .....	0	—	0	3	—	3,370	3,370	—	37	37
Norway .....	0	172	—	4	—	3,395	5,556	24	38	62
Pakistan .....	—	—	0	0	0	1	1	—	0	0
Panama .....	1	—	59	253	—	8,029	9,429	16	89	105
Peru .....	0	0	0	193	0	11,054	12,890	20	123	143
Philippines .....	0	0	0	4	1	1,077	1,077	—	12	12
Portugal .....	0	165	—	1	—	4,672	6,126	16	52	68
Puerto Rico .....	0	—	2	39	—	163	163	—	2	2
Romania .....	—	72	—	1	—	72	72	—	1	1
Saudi Arabia .....	0	135	—	16	—	638	638	—	7	7
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—	—	—
Singapore .....	0	0	1	140	0	7,594	16,282	97	84	181
South Africa .....	—	203	—	134	—	591	591	—	7	7
Spain .....	1	2,462	—	5	0	3,824	8,959	57	42	100
Switzerland .....	—	—	—	0	0	2,494	3,862	15	28	43
Taiwan .....	0	2	1	17	1	673	16,781	179	7	186
Thailand .....	0	—	1	11	1	20	3,996	44	0	44
Trinidad and Tobago .....	—	1	—	10	0	1,122	1,122	—	12	12
Turkey .....	0	1,113	0	94	0	4,402	4,402	—	49	49
United Arab Emirates .....	0	533	1	94	0	631	631	—	7	7
United Kingdom .....	2	101	0	3	2	3,586	19,427	176	40	216
Venezuela .....	—	—	—	10	—	14	14	—	0	0
Other .....	5	1,595	35	202	5	16,413	24,770	91	182	278
<b>Total .....</b>	<b>424</b>	<b>43,724</b>	<b>1,958</b>	<b>8,766</b>	<b>88</b>	<b>466,118</b>	<b>723,148</b>	<b>2,856</b>	<b>5,179</b>	<b>8,035</b>

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

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

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

**Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, March 2021**  
(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>672</b>	<b>-26</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50</b>	<b>50</b>
Algeria	30	-	-	-	-	-	-	-	11	11
Angola	52	-	-	-	-	-	-	-	10	10
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	2	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	33	-	-	-	-	-	-	-	-	-
Iraq	135	-	-	0	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	20	-	-	1	-	-	-	-	-	-
Nigeria	92	-27	-	0	-	0	0	-	17	17
Saudi Arabia	309	-	-	0	-	0	0	-	6	6
United Arab Emirates	-	-	-	0	-	0	0	-	6	6
Venezuela	-	0	-	-	-	-	-	0	0	0
<b>Non-OPEC</b>	<b>2,430</b>	<b>-1,977</b>	<b>18</b>	<b>274</b>	<b>-</b>	<b>-603</b>	<b>-603</b>	<b>210</b>	<b>469</b>	<b>679</b>
Argentina	14	-	-	-10	-	-	-	-	-	-
Aruba	-	0	-	-	-	-2	-2	-	-	-
Australia	-	0	-	0	-	-	-	0	-	0
Bahamas	-	-1	-	-	-	-1	-1	-	0	0
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-12	-	4	-	3	3	2	27	30
Brazil	65	-56	-	-56	-	-15	-15	-	10	10
Brunei	16	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,506	-109	18	-29	-	6	6	119	0	120
Chad	-	-	-	-	-	-	-	-	-	-
China	-339	-290	-	0	-	0	0	-	-	-
Colombia	112	0	-	-20	-	-34	-34	-	-5	-5
Denmark	-	-	-	-2	-	-	-	2	-	2
Dominican Republic	-16	-34	-	0	-	-14	-14	-	-	-
Ecuador	140	-34	-	1	-	-29	-29	-	0	0
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	3	-	2	2	-	39	39
France	-92	-54	-	0	-	-	-	20	26	46
Germany	-49	0	-	0	-	1	1	-	1	1
Guatemala	9	-13	-	0	-	-22	-22	-	-	-
Honduras	-	-21	-	0	-	-13	-13	-	-	-
India	-344	-124	-	0	-	4	4	-	57	57
Indonesia	-	-161	-	0	-	-	-	-	-	-
Italy	-74	-	-	7	-	0	0	-	30	30
Japan	-	-382	-	-21	-	0	0	0	-	0
Korea, South	-398	-108	-	-23	-	4	4	0	30	30
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	8	8	-	1	1
Malaysia	-	-	-	0	-	-	-	-	-	-
Mexico	482	-173	-	35	-	-453	-453	0	-34	-34
Netherlands	-193	-70	-	4	-	25	25	27	59	86
Norway	48	-22	-	17	-	3	3	15	7	22
Oman	-	-	-	-	-	-	-	-	-	-
Panama	-	-2	-	0	-	-16	-16	-	-	-
Portugal	-23	-13	-	-	-	4	4	9	12	21
Puerto Rico	-	-1	-	0	-	0	0	-	-	-
Qatar	-	-	-	0	-	-	-	-	-	-
Russia	197	-	-	337	-	17	17	-	88	88
Spain	-46	-9	-	-1	-	2	2	0	41	41
Sweden	-24	-9	-	-3	-	5	5	0	11	11
Trinidad and Tobago	33	-	-	0	-	0	0	-	-	-
United Kingdom	-120	-35	-	0	-	4	4	16	21	37
Vietnam	-	-	-	-	-	0	0	-	-	-
Virgin Islands, U.S.	-71	-6	-	15	-	-5	-5	-	15	15
Yemen	-	-	-	-	-	-	-	-	-	-
Other	-403	-238	0	16	-	-87	-87	0	33	31
<b>Total</b>	<b>3,102</b>	<b>-2,003</b>	<b>18</b>	<b>274</b>	<b>-</b>	<b>-603</b>	<b>-603</b>	<b>210</b>	<b>519</b>	<b>729</b>
<b>Persian Gulf<sup>2</sup></b>	<b>478</b>	<b>-</b>	<b>-</b>	<b>0</b>	<b>-</b>	<b>0</b>	<b>0</b>	<b>-</b>	<b>12</b>	<b>12</b>

See footnotes at end of table.

**Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, March 2021**  
(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>	--	--	-1	-	-	-	52	-	-	-	52
Algeria	--	--	-	-	-	-	-	-	-	-	-
Angola	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	--	--	-	-	-	-	-	-	-	-	-
Equatorial Guinea	--	--	-	-	-	-	-	-	-	-	-
Gabon	--	--	-	-	-	-	-	-	-	-	-
Iran	--	--	-	-	-	-	-	-	-	-	-
Iraq	--	--	-	-	-	-	-	-	-	-	-
Kuwait	--	--	-	-	-	-	-	-	-	-	-
Libya	--	--	-	-	-	-	0	-	-	-	0
Nigeria	--	--	-	-	-	-	13	-	-	-	13
Saudi Arabia	--	--	-1	-	-	-	36	-	-	-	36
United Arab Emirates	--	--	-	-	-	-	4	-	-	-	4
Venezuela	--	--	-	-	-	-	0	-	-	-	0
<b>Non-OPEC</b>	--	--	-102	3	29	-	-400	-22	-37	-	-458
Argentina	--	--	0	-	-	-	-7	-	-	-	-7
Aruba	--	--	0	-	-	-	0	-	-1	-	-1
Australia	--	--	0	-	-	-	0	-	-	-	0
Bahamas	--	--	-	-	-	-	-12	-	-	-	-12
Bahrain	--	--	-	-	-	-	10	-	-	-	10
Belgium	--	--	0	-	-	-	7	-	-	-	7
Brazil	--	--	-4	-	-	-	-48	-4	-	-	-52
Brunei	--	--	-	-	-	-	-	-	-	-	-
Cameroon	--	--	-	-	-	-	-	-	-	-	-
Canada	--	--	-26	1	-	-	156	-5	-4	-	148
Chad	--	--	-	-	-	-	-	-	-	-	-
China	--	--	-37	-	-	-	0	-	-	-	0
Colombia	--	--	-2	-	-	-	20	-	-	-	20
Denmark	--	--	-	-	-	-	-1	-	-	-	-1
Dominican Republic	--	--	0	-	-	-	-10	-	-8	-	-18
Ecuador	--	--	-	-	-	-	-9	-	-	-	-9
Estonia	--	--	-	-	-	-	-	-	-	-	-
Finland	--	--	-	-	-	-	-	-	-	-	-
France	--	--	0	-	-	-	0	-	-	-	0
Germany	--	--	0	2	-	-	-	-	-	-	-
Guatemala	--	--	0	-	-	-	-35	-	-	-	-35
Honduras	--	--	-	-	-	-	-23	-	-	-	-23
India	--	--	-13	-	-	-	48	-	-	-	48
Indonesia	--	--	-	-	-	-	-25	-	-	-	-25
Italy	--	--	0	-	-	-	-	-	-	-	-
Japan	--	--	0	-	-	-	-	-	-	-	-
Korea, South	--	--	-5	1	-	-	-16	-	-	-	-16
Latvia	--	--	-	-	-	-	-	-	-	-	-
Lithuania	--	--	-	-	-	-	-	-	-	-	-
Malaysia	--	--	0	-	-	-	-28	-	-	-	-28
Mexico	--	--	-2	0	-	-	-276	0	0	-	-276
Netherlands	--	--	-	-1	-	-	74	-	-	-	74
Norway	--	--	0	-	-	-	0	-	-	-	0
Oman	--	--	-	-	-	-	0	-	-	-	0
Panama	--	--	0	-	-	-	-55	-2	-	-	-57
Portugal	--	--	-	-	-	-	-	-	-	-	-
Puerto Rico	--	--	0	-	-	-	0	-	-	-	0
Qatar	--	--	0	-	-	-	15	-	-	-	15
Russia	--	--	-	-	-	-	61	0	-	-	61
Spain	--	--	-	-	-	-	-	-	-	-	-
Sweden	--	--	-1	-	-	-	3	-	-	-	3
Trinidad and Tobago	--	--	0	-	-	-	0	-8	-	-	-8
United Kingdom	--	--	0	-	-	-	-	-	-	-	-
Vietnam	--	--	-	-	-	-	0	-	-	-	0
Virgin Islands, U.S.	--	--	0	-	-	-	-3	-2	-	-	-5
Yemen	--	--	-	-	-	-	-	-	-	-	-
Other	--	--	-12	0	29	-	-246	-1	-24	-	-271
<b>Total</b>	--	--	-103	3	29	-	-348	-22	-37	-	-406
<b>Persian Gulf<sup>2</sup></b>	--	--	-1	-	-	-	65	-	-	-	65

See footnotes at end of table.

**Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, March 2021**  
(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> .....	-	-	-	15	-	2	2	-
Algeria .....	-	-	-	15	-	1	-	-
Angola .....	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	1	-	-
Iran .....	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	0	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	0	-	-	2	-
Saudi Arabia .....	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	0	-	-
Venezuela .....	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	1	-	13	9	54	18	3
Argentina .....	-	-	-	-	-	-	-	1
Aruba .....	-	-	-	-2	-	-	-	-
Australia .....	-	-	-	0	-	-	-	-
Bahamas .....	-	-	-	0	-	-8	-	-
Bahrain .....	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	1	-
Brazil .....	-	-	-	-4	2	1	-	-
Brunei .....	-	-	-	10	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-
Canada .....	-	0	-	-5	0	-16	2	2
Chad .....	-	-	-	-	-	-	-	-
China .....	-	-	-	0	-	0	-	-
Colombia .....	-	-	-	0	-	4	-	-
Denmark .....	-	-	-	-	-	-	-	-
Dominican Republic .....	-	-	-	0	-	-3	-	-
Ecuador .....	-	-	-	0	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	0	0	1
Germany .....	-	-	-	-	-	0	-	-
Guatemala .....	-	-	-	-4	-	-	-	-
Honduras .....	-	-	-	-1	-	-2	-	-
India .....	-	-	-	-	1	0	-	-
Indonesia .....	-	-	-	-	-	0	-	-
Italy .....	-	-	-	-	-	-	-	-
Japan .....	-	-	-	0	-	-	-	-
Korea, South .....	-	-	-	42	5	-	1	-
Latvia .....	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-1	-	-
Mexico .....	-	-	-	-29	-	27	3	-
Netherlands .....	-	1	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-
Panama .....	-	-	-	-2	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-
Puerto Rico .....	-	-	-	0	-	-	-	-
Qatar .....	-	-	-	0	-	-	-	-
Russia .....	-	-	-	-	-	35	-	-
Spain .....	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	0	-	-	-	-
United Kingdom .....	-	-	-	0	-	-	1	-
Vietnam .....	-	-	-	0	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	7	-	25	1	-
Yemen .....	-	-	-	-	-	-	-	-
Other .....	-	0	-	1	1	-8	9	-1
<b>Total</b> .....	-	1	-	28	9	56	19	3
<b>Persian Gulf<sup>2</sup></b> .....	-	-	-	0	-	0	-	-

See footnotes at end of table.

**Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, March 2021**  
(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>	<b>0</b>	<b>-18</b>	<b>0</b>	<b>-1</b>	<b>-</b>	<b>76</b>	<b>748</b>
Algeria	-	-	-	-	-	27	57
Angola	-	-	-	-	-	10	62
Congo (Brazzaville)	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	0	-	2	2
Gabon	-	-	-	-	-	1	1
Iran	-	-	-	-	-	-	33
Iraq	-	-	-	0	-	0	135
Kuwait	-	-	-	0	-	0	0
Libya	-	-	-	0	-	1	21
Nigeria	0	-	-	0	-	4	96
Saudi Arabia	0	-4	-	0	-	36	345
United Arab Emirates	0	-14	0	0	-	-4	-4
Venezuela	-	-	-	0	-	0	0
<b>Non-OPEC</b>	<b>1</b>	<b>-484</b>	<b>21</b>	<b>-67</b>	<b>-1</b>	<b>-2,569</b>	<b>-139</b>
Argentina	0	2	0	-3	-	-18	-3
Aruba	-	-	-	0	-	-6	-6
Australia	0	-5	0	0	0	-6	-6
Bahamas	-	-	0	0	0	-23	-23
Bahrain	-	-	-	3	-	13	13
Belgium	0	-3	-	-14	0	16	16
Brazil	0	-62	-	-16	0	-251	-186
Brunei	-	-	-	0	-	10	26
Cameroon	-	-1	-	0	-	-1	-1
Canada	-1	-13	40	1	0	141	3,647
Chad	-	-	-	-	-	-	-
China	1	-85	0	-1	0	-412	-751
Colombia	0	-	1	-2	0	-36	75
Denmark	0	-6	-	0	-	-8	-8
Dominican Republic	0	-6	-5	0	0	-81	-97
Ecuador	0	-	0	-2	0	-73	67
Estonia	-	-	-	-	-	-	-
Finland	-	-	-	0	-	45	45
France	0	0	-	0	0	-8	-100
Germany	0	0	0	0	0	4	-45
Guatemala	0	-	-	-1	-	-75	-66
Honduras	0	-7	-1	0	-	-69	-69
India	0	-28	0	0	0	-54	-399
Indonesia	0	0	0	3	-	-183	-183
Italy	0	-8	1	0	0	31	-44
Japan	1	-42	0	0	0	-445	-445
Korea, South	0	0	0	8	0	-61	-460
Latvia	-	-	-	0	-	0	0
Lithuania	0	-	-	0	0	9	9
Malaysia	0	-1	-	0	0	-30	-30
Mexico	-1	-66	-8	-31	-1	-1,008	-526
Netherlands	0	-30	0	-1	0	87	-105
Norway	0	-3	-	0	-	18	66
Oman	-	-2	-	2	-	0	0
Panama	0	-	-1	0	-	-79	-79
Portugal	0	-5	0	0	-	6	-17
Puerto Rico	0	-	0	-1	-	-2	-2
Qatar	-	-4	-	8	-	19	19
Russia	-	5	0	0	-	543	740
Spain	0	-49	3	0	-	-12	-58
Sweden	0	-	-	0	-	6	-18
Trinidad and Tobago	-	0	0	0	-	-8	25
United Kingdom	0	0	0	0	0	6	-113
Vietnam	0	-	-	-1	-	-1	-1
Virgin Islands, U.S.	-	-	0	0	-	47	-23
Yemen	-	-	-	-	-	-	-
Other	1	-65	-9	-19	0	-620	-1,023
<b>Total</b>	<b>1</b>	<b>-502</b>	<b>21</b>	<b>-68</b>	<b>-1</b>	<b>-2,492</b>	<b>609</b>
<b>Persian Gulf<sup>2</sup></b>	<b>0</b>	<b>-21</b>	<b>0</b>	<b>11</b>	<b>-</b>	<b>64</b>	<b>542</b>

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

<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 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-March 2021**  
(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>605</b>	<b>-27</b>	<b>-</b>	<b>7</b>	<b>-</b>	<b>-4</b>	<b>-4</b>	<b>0</b>	<b>27</b>	<b>27</b>
Algeria	34	-	-	0	-	-	-	-	4	4
Angola	33	-	-	-	-	-	-	-	7	7
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	1	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	0	0
Iran	11	-	-	-	-	-	-	-	-	-
Iraq	115	-	-	6	-	-	-	-	-	-
Kuwait	7	0	-	-	-	0	0	-	-	-
Libya	56	-	-	0	-	-	-	-	-	-
Nigeria	90	-28	-	1	-	-6	-6	-	11	11
Saudi Arabia	258	-	-	0	-	2	2	-	3	3
United Arab Emirates	-	0	-	0	-	0	0	-	3	3
Venezuela	-	0	-	0	-	0	0	0	0	0
<b>Non-OPEC</b>	<b>2,264</b>	<b>-2,016</b>	<b>19</b>	<b>129</b>	<b>-</b>	<b>-660</b>	<b>-660</b>	<b>185</b>	<b>341</b>	<b>526</b>
Argentina	17	1	-	-3	-	-	-	-	0	0
Aruba	-	0	-	0	-	-2	-2	-	-	-
Australia	-25	-6	-	0	-	-	-	0	0	0
Bahamas	-	-7	-	-	-	-2	-2	0	0	0
Bahrain	-	-	-	-	-	0	0	-	-	-
Belgium	-8	-12	-	-6	-	1	1	4	13	17
Brazil	14	-38	-	-92	-	-33	-33	-	8	8
Brunei	17	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	0	0	-	-	-
Canada	3,433	-106	18	-43	-	7	7	119	23	142
Chad	-	-	-	-	-	-	-	-	-	-
China	-335	-201	-	0	-	0	0	-	0	0
Colombia	157	0	-	-20	-	-35	-35	-	-2	-2
Denmark	-8	-	-	-1	-	-	-	1	-	1
Dominican Republic	-22	-36	-	0	-	-7	-7	-	-	-
Ecuador	135	-30	-	3	-	-27	-27	-	0	0
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	1	-	1	1	-	32	32
France	-89	-30	-	-1	-	-	-	11	15	26
Germany	-59	-2	-	0	-	0	0	-	1	1
Guatemala	3	-16	-	0	-	-46	-46	-	-	-
Honduras	-	-17	-	0	-	-15	-15	-	0	0
India	-422	-140	-	0	-	2	2	-	42	42
Indonesia	-7	-159	-	0	-	-	-	-	-	-
Italy	-83	-11	-	2	-	6	6	-	24	24
Japan	-8	-425	-	-57	-	0	0	0	0	0
Korea, South	-324	-105	-	-39	-	5	5	0	13	13
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	3	3	-	0	0
Malaysia	-	-	-	0	-	0	0	-	-	-
Mexico	550	-191	0	27	-	-434	-434	0	-28	-28
Netherlands	-257	-57	-	-15	-	9	9	26	37	62
Norway	16	-27	-	3	-	1	1	5	2	8
Oman	-	-	-	0	-	-	-	-	0	0
Panama	-16	-2	-	0	-	-23	-23	0	0	0
Portugal	-16	-50	-	-	-	1	1	3	25	28
Puerto Rico	-	-1	-	0	-	0	0	-	0	0
Qatar	-	-	-	0	-	0	0	-	-	-
Russia	120	-	-	352	-	14	14	-	47	47
Spain	-57	-15	-	0	-	1	1	0	21	21
Sweden	-16	-7	-	-1	-	2	2	0	15	15
Trinidad and Tobago	40	0	-	0	-	0	0	-	-	-
United Kingdom	-133	-30	-	-3	-	0	0	16	18	34
Vietnam	-6	0	-	0	-	0	0	0	-	0
Virgin Islands, U.S.	-71	-4	-	14	-	-3	-3	-	9	9
Yemen	-	-	-	-	-	-	-	-	-	-
Other	-276	-292	1	8	-	-86	-86	0	26	26
<b>Total</b>	<b>2,868</b>	<b>-2,043</b>	<b>19</b>	<b>136</b>	<b>-</b>	<b>-664</b>	<b>-664</b>	<b>185</b>	<b>368</b>	<b>553</b>
<b>Persian Gulf<sup>2</sup></b>	<b>392</b>	<b>0</b>	<b>-</b>	<b>6</b>	<b>-</b>	<b>2</b>	<b>2</b>	<b>-</b>	<b>5</b>	<b>5</b>

See footnotes at end of table.

**Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-March 2021**  
(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>	--	--	-5	-	-	-	47	-	-	-	47
Algeria	--	--	-	-	-	-	-	-	-	-	-
Angola	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	--	--	-	-	-	-	-	-	-	-	-
Equatorial Guinea	--	--	-	-	-	-	-	-	-	-	-
Gabon	--	--	-	-	-	-	0	-	-	-	0
Iran	--	--	-	-	-	-	-	-	-	-	-
Iraq	--	--	-	-	-	-	-	-	-	-	-
Kuwait	--	--	0	-	-	-	-	-	-	-	-
Libya	--	--	-	-	-	-	0	-	-	-	0
Nigeria	--	--	-4	-	-	-	14	-	-	-	14
Saudi Arabia	--	--	-2	-	-	-	23	-	-	-	23
United Arab Emirates	--	--	0	-	-	-	10	-	-	-	10
Venezuela	--	--	0	-	-	-	0	-	-	-	0
<b>Non-OPEC</b>	--	--	-101	3	27	-	-422	-54	-58	-	-534
Argentina	--	--	0	-	-	-	-2	-	-	-	-2
Aruba	--	--	0	-	-	-	0	-	0	-	-1
Australia	--	--	0	0	-	-	0	-	-	-	0
Bahamas	--	--	0	-	-	-	-5	-	-6	-	-11
Bahrain	--	--	0	-	-	-	3	-	-	-	3
Belgium	--	--	0	-	-	-	5	-	-	-	5
Brazil	--	--	-8	-	-	-	-99	-9	-1	-	-109
Brunei	--	--	-	-	-	-	-	-	-	-	-
Cameroon	--	--	-	-	-	-	-	-	-	-	-
Canada	--	--	-19	3	-	-	155	-9	-2	-	144
Chad	--	--	-	-	-	-	-	-	-	-	-
China	--	--	-20	-	-	-	0	-	0	-	0
Colombia	--	--	-5	-	-	-	21	-	-	-	21
Denmark	--	--	-	-	-	-	0	-	-	-	0
Dominican Republic	--	--	0	-	-	-	-7	0	-4	-	-11
Ecuador	--	--	0	-	-	-	-7	-5	-2	-	-14
Estonia	--	--	-	-	-	-	-	-	-	-	-
Finland	--	--	-	-	-	-	-	-	-	-	-
France	--	--	-1	-	-	-	0	-	-	-	0
Germany	--	--	0	1	-	-	0	-	-	-	0
Guatemala	--	--	0	-	-	-	-24	-3	-10	-	-37
Honduras	--	--	0	-	-	-	-21	-	-	-	-21
India	--	--	-22	-	-	-	32	-	0	-	32
Indonesia	--	--	0	-	-	-	-14	-	-	-	-14
Italy	--	--	0	-	-	-	-	-2	-	-	-2
Japan	--	--	0	-	-	-	0	-	-	-	0
Korea, South	--	--	-10	1	-	-	-4	3	-	-	0
Latvia	--	--	-	-	-	-	-	-	-	-	-
Lithuania	--	--	-	-	-	-	-	-	-	-	-
Malaysia	--	--	0	-	-	-	-11	-	-	-	-11
Mexico	--	--	-2	0	-	-	-243	0	0	-	-243
Netherlands	--	--	0	-1	-	-	36	-	-	-	36
Norway	--	--	-1	-	-	-	-1	-	-	-	-1
Oman	--	--	-	-	-	-	17	-	-	-	17
Panama	--	--	0	-	-	-	-40	-9	-	-	-48
Portugal	--	--	-	-	-	-	0	-	-	-	0
Puerto Rico	--	--	0	-	-	-	0	0	0	-	0
Qatar	--	--	0	-	-	-	9	-	-	-	9
Russia	--	--	-	-	-	-	35	0	-	-	35
Spain	--	--	0	-	-	-	-	-	-	-	-
Sweden	--	--	-1	-	-	-	0	-	-	-	0
Trinidad and Tobago	--	--	0	-	-	-	-7	-6	-	-	-12
United Kingdom	--	--	-1	-	-	-	-4	-	-	-	-4
Vietnam	--	--	-	-	-	-	0	-	-	-	0
Virgin Islands, U.S.	--	--	0	-	-	-	-1	-2	4	-	1
Yemen	--	--	-	-	-	-	-	-	-	-	-
Other	--	--	-11	-1	27	-	-245	-12	-37	-	-296
<b>Total</b>	--	--	-106	3	27	-	-375	-54	-58	-	-487
<b>Persian Gulf<sup>2</sup></b>	--	--	-2	-	-	-	45	-	-	-	45

See footnotes at end of table.

**Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-March 2021**  
(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> .....	<b>0</b>	<b>-</b>	<b>-</b>	<b>10</b>	<b>0</b>	<b>-3</b>	<b>1</b>	<b>-</b>
Algeria .....	-	-	-	8	-	0	-	-
Angola .....	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	0	-	-
Iran .....	-	-	-	-	-	-	-	-
Iraq .....	0	-	-	0	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	0	-	-	1	-
Saudi Arabia .....	-	-	-	-	0	-4	-	-
United Arab Emirates .....	0	-	-	2	-	0	-	-
Venezuela .....	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	<b>-5</b>	<b>1</b>	<b>-</b>	<b>24</b>	<b>8</b>	<b>80</b>	<b>15</b>	<b>4</b>
Argentina .....	-	-	-	-	-	-	-	1
Aruba .....	0	-	-	-2	-	-	-	-
Australia .....	0	-	-	0	-	-	-	-
Bahamas .....	-	-	-	-4	-	-3	-	-
Bahrain .....	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	1	-
Brazil .....	-	-	-	-1	1	3	-	-
Brunei .....	-	-	-	3	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-
Canada .....	-1	0	-	0	1	-11	3	2
Chad .....	-	-	-	-	-	-	-	-
China .....	-	-	-	0	-	0	-	-
Colombia .....	0	-	-	1	-	4	-	-
Denmark .....	-	-	-	-	-	-	-	-
Dominican Republic .....	-	-	-	-3	-	-3	-	-
Ecuador .....	0	-	-	0	-	5	-	-
Estonia .....	-	-	-	-	-	2	-	-
Finland .....	-	-	-	-	-	0	-	-
France .....	-	-	-	-	-	0	0	1
Germany .....	-	-	-	-	-	0	-	-
Guatemala .....	-	-	-	-3	-	-	-	-
Honduras .....	0	-	-	-1	-	-1	-	-
India .....	-	-	-	6	1	0	-	-
Indonesia .....	-	-	-	-	-	0	-	-
Italy .....	-	-	-	6	-	-	-	-
Japan .....	-	-	-	0	1	-	1	-
Korea, South .....	-	-	-	66	4	-	1	-
Latvia .....	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-
Malaysia .....	0	-	-	-	-	-1	-	-
Mexico .....	-3	-	-	-27	-	37	4	-
Netherlands .....	-	1	-	-	-	0	-	-
Norway .....	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-
Panama .....	-	-	-	-5	-	-5	-	-
Portugal .....	-	-	-	-	-	-	-	-
Puerto Rico .....	-	-	-	0	-	-	-	-
Qatar .....	0	-	-	0	-	0	-	-
Russia .....	-	-	-	-	-	49	1	-
Spain .....	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	0	-	-	-	-
United Kingdom .....	0	-	-	0	-	0	0	-
Vietnam .....	0	-	-	0	-	-	-	-
Virgin Islands, U.S. ....	0	-	-	3	-	10	2	-
Yemen .....	-	-	-	-	-	-	-	-
Other .....	-1	0	-	-15	0	-6	2	0
<b>Total</b> .....	<b>-5</b>	<b>1</b>	<b>-</b>	<b>34</b>	<b>8</b>	<b>77</b>	<b>16</b>	<b>4</b>
<b>Persian Gulf<sup>2</sup></b> .....	<b>0</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>0</b>	<b>-4</b>	<b>-</b>	<b>-</b>

See footnotes at end of table.

**Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-March 2021**  
(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>	<b>0</b>	<b>-6</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>50</b>	<b>655</b>
Algeria	--	--	--	0	--	12	46
Angola	--	--	--	0	--	7	40
Congo (Brazzaville)	--	--	--	--	--	--	0
Equatorial Guinea	--	0	--	0	--	1	1
Gabon	--	--	--	--	--	1	1
Iran	--	--	--	--	--	--	11
Iraq	--	--	--	0	--	6	121
Kuwait	--	2	--	0	--	2	9
Libya	--	--	--	0	--	0	56
Nigeria	0	--	0	0	--	-11	79
Saudi Arabia	0	-1	--	0	--	21	279
United Arab Emirates	0	-6	0	3	0	11	11
Venezuela	--	--	--	0	--	0	0
<b>Non-OPEC</b>	<b>2</b>	<b>-471</b>	<b>17</b>	<b>-59</b>	<b>-1</b>	<b>-2,993</b>	<b>-729</b>
Argentina	0	2	0	-2	0	-4	13
Aruba	--	--	--	0	--	-4	-4
Australia	0	-7	0	0	0	-14	-38
Bahamas	--	--	0	0	0	-27	-27
Bahrain	--	--	--	2	--	6	6
Belgium	0	-3	--	-15	0	-12	-20
Brazil	0	-46	0	-11	0	-328	-313
Brunei	--	--	--	0	--	3	20
Cameroon	--	-1	--	0	--	-1	-1
Canada	-1	-12	31	2	0	161	3,594
Chad	--	--	--	0	--	0	0
China	1	-112	0	-1	0	-333	-668
Colombia	0	--	1	-3	0	-37	121
Denmark	0	-4	--	0	--	-5	-13
Dominican Republic	0	-6	-2	-1	0	-70	-91
Ecuador	0	-7	0	-2	0	-71	64
Estonia	--	--	--	--	--	2	2
Finland	--	--	--	0	--	34	34
France	0	-8	--	0	0	-13	-102
Germany	0	0	0	0	0	0	-59
Guatemala	0	-5	--	-1	--	-107	-104
Honduras	0	-3	0	0	0	-58	-58
India	0	-18	0	-4	0	-103	-525
Indonesia	0	0	0	2	--	-172	-178
Italy	0	-18	0	1	0	7	-76
Japan	0	-41	0	0	0	-521	-529
Korea, South	0	0	0	8	0	-56	-380
Latvia	--	--	--	0	--	0	0
Lithuania	0	--	--	0	0	3	3
Malaysia	1	0	0	0	0	-12	-12
Mexico	-1	-74	-7	-29	0	-972	-422
Netherlands	0	-12	0	0	0	21	-236
Norway	0	-2	--	0	--	-18	-2
Oman	--	0	--	1	--	18	18
Panama	0	--	-1	-3	--	-87	-102
Portugal	0	-2	--	0	--	-22	-38
Puerto Rico	0	--	0	0	--	-2	-2
Qatar	0	-2	--	11	--	17	17
Russia	0	2	0	0	--	499	619
Spain	0	-27	1	0	0	-20	-77
Sweden	0	0	--	0	0	8	-9
Trinidad and Tobago	--	0	--	0	0	-12	28
United Kingdom	0	-1	0	0	0	-4	-137
Vietnam	0	0	0	0	0	0	-6
Virgin Islands, U.S.	--	--	0	0	--	31	-40
Yemen	--	--	--	--	--	--	--
Other	2	-64	-6	-14	-1	-718	-999
<b>Total</b>	<b>2</b>	<b>-476</b>	<b>17</b>	<b>-56</b>	<b>-1</b>	<b>-2,943</b>	<b>-74</b>
<b>Persian Gulf<sup>2</sup></b>	<b>0</b>	<b>-8</b>	<b>0</b>	<b>16</b>	<b>0</b>	<b>62</b>	<b>454</b>

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

<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 55. Stocks of Crude Oil and Petroleum Products by PAD District, March 2021**  
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
<b>Crude Oil</b> .....	<b>8,542</b>	<b>127,464</b>	<b>931,895</b>	<b>23,494</b>	<b>48,281</b>	<b>1,139,676</b>
Refinery .....	5,462	12,845	51,057	2,514	19,922	91,800
Tank Farms and Pipelines (Includes Cushing, OK) ....	3,080	114,619	243,064	20,980	24,811	406,554
Cushing, Oklahoma .....	--	46,467	--	--	--	46,467
Leases .....	--	--	--	--	--	--
Strategic Petroleum Reserve <sup>1</sup> .....	--	--	637,774	--	--	637,774
Alaskan In Transit .....	--	--	--	--	3,548	3,548
<b>Total Stocks, All Oils (excluding Crude Oil)<sup>2</sup></b> .....	<b>159,761</b>	<b>163,041</b>	<b>363,373</b>	<b>24,990</b>	<b>88,660</b>	<b>799,826</b>
Refinery .....	11,400	47,226	116,556	11,521	45,933	232,636
Bulk Terminal .....	120,471	78,420	189,759	6,777	37,491	432,919
Pipeline .....	27,644	36,110	56,048	6,494	5,050	131,346
Natural Gas Processing Plant .....	246	1,285	1,010	198	186	2,925
<b>Natural Gas Liquids</b> .....	<b>6,031</b>	<b>32,974</b>	<b>119,913</b>	<b>5,171</b>	<b>2,662</b>	<b>166,750</b>
Refinery .....	303	2,186	4,517	345	1,348	8,699
Bulk Terminal .....	3,436	13,028	93,021	148	1,128	110,760
Pipeline .....	2,046	16,475	21,365	4,480	--	44,366
Natural Gas Processing Plant .....	246	1,285	1,010	198	186	2,925
<b>Ethane</b> .....	<b>688</b>	<b>6,306</b>	<b>60,127</b>	<b>1,082</b>	<b>--</b>	<b>68,203</b>
Refinery .....	--	--	101	--	--	101
Bulk Terminal .....	169	2,790	52,510	--	--	55,469
Pipeline .....	519	3,347	7,429	1,076	--	12,371
Natural Gas Processing Plant .....	--	169	87	6	--	262
<b>Propane</b> .....	<b>3,684</b>	<b>9,618</b>	<b>23,265</b>	<b>1,932</b>	<b>804</b>	<b>39,303</b>
Refinery .....	96	501	402	51	75	1,125
Bulk Terminal .....	2,277	4,738	15,523	82	673	23,293
Pipeline .....	1,181	3,823	7,176	1,701	--	13,881
Natural Gas Processing Plant .....	130	556	164	98	56	1,004
<b>Normal Butane</b> .....	<b>1,219</b>	<b>4,524</b>	<b>17,454</b>	<b>942</b>	<b>1,428</b>	<b>25,567</b>
Refinery .....	128	861	2,899	163	913	4,964
Bulk Terminal .....	801	2,513	12,378	58	453	16,203
Pipeline .....	249	1,005	2,042	684	--	3,980
Natural Gas Processing Plant .....	41	145	135	37	62	420
<b>Isobutane</b> .....	<b>139</b>	<b>1,977</b>	<b>7,882</b>	<b>455</b>	<b>384</b>	<b>10,837</b>
Refinery .....	79	469	819	104	358	1,829
Bulk Terminal .....	--	708	5,810	--	--	6,518
Pipeline .....	50	638	1,186	339	--	2,213
Natural Gas Processing Plant .....	10	162	67	12	26	277
<b>Natural Gasoline</b> .....	<b>301</b>	<b>10,549</b>	<b>11,185</b>	<b>760</b>	<b>46</b>	<b>22,840</b>
Refinery .....	--	355	296	27	2	680
Bulk Terminal .....	189	2,279	6,800	8	2	9,277
Pipeline .....	47	7,662	3,532	680	--	11,921
Natural Gas Processing Plant .....	65	253	557	45	42	962
<b>Refinery Olefins</b> .....	<b>305</b>	<b>315</b>	<b>1,109</b>	<b>74</b>	<b>31</b>	<b>1,834</b>
Refinery .....	305	315	1,109	74	31	1,834
Bulk Terminal .....	--	--	--	--	--	--
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 .....	--	--	--	--	--	--
Pipeline .....	--	--	--	--	--	--
Natural Gas Processing Plant .....	--	--	--	--	--	--
<b>Propylene</b> .....	<b>114</b>	<b>263</b>	<b>679</b>	<b>1</b>	<b>14</b>	<b>1,071</b>
Refinery .....	114	263	679	1	14	1,071
Bulk Terminal .....	--	--	--	--	--	--
Pipeline .....	--	--	--	--	--	--
Natural Gas Processing Plant .....	--	--	--	--	--	--
<b>Normal Butylene</b> .....	<b>92</b>	<b>52</b>	<b>402</b>	<b>73</b>	<b>17</b>	<b>636</b>
Refinery .....	92	52	402	73	17	636
Bulk Terminal .....	--	--	--	--	--	--
Pipeline .....	--	--	--	--	--	--
Natural Gas Processing Plant .....	--	--	--	--	--	--
<b>Isobutylene</b> .....	<b>99</b>	<b>0</b>	<b>28</b>	<b>0</b>	<b>0</b>	<b>127</b>
Refinery .....	99	0	28	0	0	127
Bulk Terminal .....	--	--	--	--	--	--
Pipeline .....	--	--	--	--	--	--
Natural Gas Processing Plant .....	--	--	--	--	--	--
<b>Other Hydrocarbons</b> .....	<b>--</b>	<b>26</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>26</b>
Refinery .....	--	26	--	--	--	26
<b>Oxygenates (excluding Fuel Ethanol)</b> .....	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Refinery .....	--	--	--	--	--	--
Bulk Terminal .....	--	--	--	--	--	--
Pipeline .....	--	--	--	--	--	--

See footnotes at end of table.

**Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, March 2021**  
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
<b>MTBE</b> .....	--	--	--	--	--	--
Refinery .....	--	--	--	--	--	--
Bulk Terminal <sup>3</sup> .....	--	--	--	--	--	--
Pipeline .....	--	--	--	--	--	--
<b>Other Oxygenates<sup>4</sup></b> .....	--	--	--	--	--	--
Refinery .....	--	--	--	--	--	--
Bulk Terminal .....	--	--	--	--	--	--
Pipeline .....	--	--	--	--	--	--
<b>Renewable Fuels (including Fuel Ethanol)</b> .....	<b>8,511</b>	<b>9,770</b>	<b>6,291</b>	<b>487</b>	<b>3,996</b>	<b>29,056</b>
Refinery .....	191	120	312	112	454	1,189
Bulk Terminal .....	8,320	9,650	5,979	370	3,542	27,862
Pipeline .....	--	--	--	5	--	5
<b>Fuel Ethanol<sup>2</sup></b> .....	<b>7,334</b>	<b>8,476</b>	<b>4,852</b>	<b>357</b>	<b>1,817</b>	<b>22,836</b>
Refinery .....	182	98	165	100	128	673
Bulk Terminal .....	7,152	8,378	4,687	252	1,689	22,158
Pipeline .....	--	--	--	5	--	5
<b>Renewable Diesel Fuel<sup>5</sup></b> .....	<b>1,178</b>	<b>1,260</b>	<b>1,434</b>	<b>130</b>	<b>2,088</b>	<b>6,090</b>
Refinery .....	9	22	147	12	326	516
Bulk Terminal .....	1,169	1,238	1,287	118	1,762	5,574
Pipeline .....	--	--	--	--	--	--
<b>Other Renewable Fuels</b> .....	<b>--</b>	<b>35</b>	<b>5</b>	<b>--</b>	<b>91</b>	<b>131</b>
Refinery .....	--	--	--	--	--	--
Bulk Terminal .....	--	35	5	--	91	131
Pipeline .....	--	--	--	--	--	--
<b>Unfinished Oils</b> .....	<b>4,378</b>	<b>15,295</b>	<b>52,469</b>	<b>3,397</b>	<b>17,791</b>	<b>93,330</b>
<b>Naphthas and Lighter</b> .....	<b>1,046</b>	<b>4,325</b>	<b>11,746</b>	<b>696</b>	<b>3,077</b>	<b>20,890</b>
Refinery .....	1,021	4,240	10,585	696	2,839	19,381
Bulk Terminal .....	25	85	1,161	--	238	1,509
<b>Kerosene and Light Gas Oils</b> .....	<b>320</b>	<b>3,074</b>	<b>9,880</b>	<b>749</b>	<b>3,279</b>	<b>17,302</b>
Refinery .....	311	3,074	6,922	749	3,164	14,220
Bulk Terminal .....	9	--	2,958	--	115	3,082
<b>Heavy Gas Oils</b> .....	<b>2,258</b>	<b>5,234</b>	<b>24,016</b>	<b>1,554</b>	<b>9,052</b>	<b>42,114</b>
Refinery .....	1,974	5,022	21,174	1,554	8,154	37,878
Bulk Terminal .....	284	212	2,842	--	898	4,236
<b>Residuum</b> .....	<b>754</b>	<b>2,662</b>	<b>6,827</b>	<b>398</b>	<b>2,383</b>	<b>13,024</b>
Refinery .....	754	2,662	6,290	398	2,383	12,487
Bulk Terminal .....	--	--	537	--	--	537
<b>Motor Gasoline Blending Components<sup>2</sup></b> .....	<b>62,346</b>	<b>45,273</b>	<b>74,175</b>	<b>6,615</b>	<b>28,979</b>	<b>217,388</b>
Refinery .....	2,865	12,442	25,519	3,607	13,552	57,985
Bulk Terminal .....	48,093	25,115	32,488	2,189	12,967	120,852
Pipeline .....	11,388	7,716	16,168	819	2,460	38,551
<b>Reformulated - RBOB</b> .....	<b>18,558</b>	<b>5,753</b>	<b>9,377</b>	<b>--</b>	<b>14,454</b>	<b>48,143</b>
Refinery .....	890	859	1,563	--	4,758	8,070
Bulk Terminal .....	14,197	3,709	4,460	--	8,080	30,447
Pipeline .....	3,471	1,185	3,354	--	1,616	9,626
<b>Conventional</b> .....	<b>43,788</b>	<b>39,520</b>	<b>64,798</b>	<b>6,615</b>	<b>14,524</b>	<b>169,245</b>
Refinery .....	1,975	11,583	23,956	3,607	8,794	49,915
Bulk Terminal .....	33,896	21,406	28,028	2,189	4,886	90,405
Pipeline .....	7,917	6,531	12,814	819	844	28,925
<b>CBOB</b> .....	<b>26,287</b>	<b>31,064</b>	<b>32,372</b>	<b>5,148</b>	<b>7,284</b>	<b>102,155</b>
Refinery .....	307	5,476	9,784	2,143	2,286	19,996
Bulk Terminal .....	18,063	19,355	10,215	2,186	4,159	53,978
Pipeline .....	7,917	6,233	12,373	819	839	28,181
<b>GTAB</b> .....	<b>2,097</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>2,097</b>
Refinery .....	--	--	--	--	--	--
Bulk Terminal .....	2,097	--	--	--	--	2,097
Pipeline .....	--	--	--	--	--	--
<b>Other</b> .....	<b>15,404</b>	<b>8,456</b>	<b>32,426</b>	<b>1,467</b>	<b>7,240</b>	<b>64,993</b>
Refinery .....	1,668	6,107	14,172	1,464	6,508	29,919
Bulk Terminal .....	13,736	2,051	17,813	3	727	34,330
Pipeline .....	--	298	441	--	5	744
<b>Aviation Gasoline Blending Components</b> .....	<b>--</b>	<b>--</b>	<b>24</b>	<b>--</b>	<b>--</b>	<b>24</b>
Refinery .....	--	--	24	--	--	24
Bulk Terminal .....	--	--	--	--	--	--
<b>Finished Motor Gasoline</b> .....	<b>2,763</b>	<b>5,419</b>	<b>7,754</b>	<b>1,949</b>	<b>2,374</b>	<b>20,259</b>
Refinery .....	38	1,221	3,587	938	864	6,648
Bulk Terminal .....	1,055	1,737	3,030	745	1,376	7,943
Pipeline .....	1,670	2,461	1,137	266	134	5,668
<b>Reformulated</b> .....	<b>6</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>18</b>	<b>24</b>
Refinery .....	--	--	--	--	18	18
Bulk Terminal .....	6	--	--	--	--	6
Pipeline .....	--	--	--	--	--	--
<b>Reformulated (Blended with Fuel Ethanol)</b> .....	<b>6</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>18</b>	<b>24</b>
Refinery .....	--	--	--	--	18	18
Bulk Terminal .....	6	--	--	--	--	6
Pipeline .....	--	--	--	--	--	--

See footnotes at end of table.

**Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, March 2021**  
(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>2,757</b>	<b>5,419</b>	<b>7,754</b>	<b>1,949</b>	<b>2,356</b>	<b>20,235</b>
Refinery .....	38	1,221	3,587	938	846	6,630
Bulk Terminal .....	1,049	1,737	3,030	745	1,376	7,937
Pipeline .....	1,670	2,461	1,137	266	134	5,668
<b>Conventional (Blended with Fuel Ethanol)</b> .....	<b>—</b>	<b>98</b>	<b>—</b>	<b>55</b>	<b>4</b>	<b>157</b>
Refinery .....	—	—	—	51	—	51
Bulk Terminal .....	—	98	—	4	4	106
Pipeline .....	—	—	—	—	—	—
<b>Ed55 and Lower</b> .....	<b>—</b>	<b>98</b>	<b>—</b>	<b>55</b>	<b>—</b>	<b>153</b>
Refinery .....	—	—	—	51	—	51
Bulk Terminal .....	—	98	—	4	—	102
Pipeline .....	—	—	—	—	—	—
<b>Greater than Ed55</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Refinery .....	—	—	—	—	—	—
Bulk Terminal .....	—	—	—	—	4	4
Pipeline .....	—	—	—	—	—	—
<b>Conventional (Other)</b> .....	<b>2,757</b>	<b>5,321</b>	<b>7,754</b>	<b>1,894</b>	<b>2,352</b>	<b>20,078</b>
Refinery .....	38	1,221	3,587	887	846	6,579
Bulk Terminal .....	1,049	1,639	3,030	741	1,372	7,831
Pipeline .....	1,670	2,461	1,137	266	134	5,668
<b>Finished Aviation Gasoline</b> .....	<b>176</b>	<b>190</b>	<b>350</b>	<b>9</b>	<b>361</b>	<b>1,086</b>
Refinery .....	—	76	243	9	204	532
Bulk Terminal .....	176	114	107	—	157	554
Pipeline .....	—	—	—	—	—	—
<b>Kerosene-Type Jet Fuel</b> .....	<b>10,071</b>	<b>6,254</b>	<b>13,181</b>	<b>560</b>	<b>8,888</b>	<b>38,954</b>
Refinery .....	424	1,712	4,625	274	3,495	10,530
Bulk Terminal .....	5,960	2,949	3,961	225	4,764	17,859
Pipeline .....	3,687	1,593	4,595	61	629	10,565
<b>Kerosene</b> .....	<b>1,535</b>	<b>105</b>	<b>363</b>	<b>1</b>	<b>13</b>	<b>2,017</b>
Refinery .....	115	63	91	1	1	271
Bulk Terminal .....	1,416	42	258	—	12	1,728
Pipeline .....	4	—	14	—	—	18
<b>Distillate Fuel Oil<sup>2</sup></b> .....	<b>47,261</b>	<b>28,914</b>	<b>51,840</b>	<b>3,984</b>	<b>13,478</b>	<b>145,477</b>
Refinery .....	1,394	5,656	15,445	1,653	4,870	29,018
Bulk Terminal .....	37,018	15,393	23,626	1,468	6,781	84,286
Pipeline .....	8,849	7,865	12,769	863	1,827	32,173
<b>15 ppm sulfur and Under</b> .....	<b>43,192</b>	<b>28,416</b>	<b>45,359</b>	<b>3,708</b>	<b>12,450</b>	<b>133,125</b>
Refinery .....	915	5,453	12,510	1,434	4,231	24,543
Bulk Terminal .....	34,231	15,287	20,393	1,411	6,448	77,770
Pipeline .....	8,046	7,676	12,456	863	1,771	30,812
<b>Greater than 15 ppm to 500 ppm sulfur</b> .....	<b>1,014</b>	<b>300</b>	<b>1,908</b>	<b>208</b>	<b>291</b>	<b>3,721</b>
Refinery .....	106	26	1,195	151	249	1,727
Bulk Terminal .....	908	91	560	57	1	1,617
Pipeline .....	—	183	153	—	41	377
<b>Greater than 500 ppm sulfur</b> .....	<b>3,055</b>	<b>198</b>	<b>4,573</b>	<b>68</b>	<b>737</b>	<b>8,631</b>
Refinery .....	373	177	1,740	68	390	2,748
Bulk Terminal .....	1,879	15	2,673	—	332	4,899
Pipeline .....	803	6	160	—	15	984
<b>Residual Fuel Oil</b> .....	<b>6,689</b>	<b>1,169</b>	<b>17,313</b>	<b>216</b>	<b>5,521</b>	<b>30,908</b>
Refinery .....	225	982	3,604	216	2,169	7,196
Bulk Terminal .....	6,464	187	13,709	—	3,352	23,712
Pipeline .....	—	—	—	—	—	—
<b>Less than 0.31% Sulfur</b> .....	<b>862</b>	<b>42</b>	<b>1,777</b>	<b>23</b>	<b>1,774</b>	<b>4,478</b>
Refinery .....	16	36	79	23	19	173
Bulk Terminal .....	846	6	1,698	—	1,755	4,305
<b>0.31% to 1.00% Sulfur</b> .....	<b>1,821</b>	<b>225</b>	<b>4,005</b>	<b>8</b>	<b>407</b>	<b>6,466</b>
Refinery .....	82	217	564	8	163	1,034
Bulk Terminal .....	1,739	8	3,441	—	244	5,432
<b>Greater than 1.00% Percent Sulfur</b> .....	<b>4,006</b>	<b>902</b>	<b>11,531</b>	<b>185</b>	<b>3,340</b>	<b>19,964</b>
Refinery .....	127	729	2,961	185	1,987	5,989
Bulk Terminal .....	3,879	173	8,570	—	1,353	13,975
<b>Petrochemical Feedstocks</b> .....	<b>—</b>	<b>554</b>	<b>2,260</b>	<b>—</b>	<b>2</b>	<b>2,816</b>
Refinery .....	—	554	2,260	—	2	2,816
Naphtha for Petrochemical Feedstock Use .....	—	449	1,663	—	2	2,114
Other Oils for Petrochemical Feedstock Use .....	—	105	597	—	—	702
<b>Special Naphthas</b> .....	<b>38</b>	<b>141</b>	<b>714</b>	<b>—</b>	<b>27</b>	<b>920</b>
Refinery .....	22	78	704	—	27	831
Bulk Terminal .....	16	63	10	—	—	89
<b>Lubricants</b> .....	<b>984</b>	<b>583</b>	<b>5,992</b>	<b>—</b>	<b>616</b>	<b>8,175</b>
Refinery .....	582	134	3,488	—	437	4,641
Bulk Terminal .....	402	449	2,504	—	179	3,534
<b>Waxes</b> .....	<b>259</b>	<b>22</b>	<b>190</b>	<b>—</b>	<b>—</b>	<b>471</b>
Refinery .....	259	22	190	—	—	471
<b>Petroleum Coke</b> .....	<b>—</b>	<b>2,232</b>	<b>3,154</b>	<b>146</b>	<b>1,168</b>	<b>6,700</b>
Refinery .....	—	2,232	3,154	146	1,168	6,700
<b>Asphalt and Road Oil</b> .....	<b>8,360</b>	<b>13,714</b>	<b>5,951</b>	<b>2,366</b>	<b>2,654</b>	<b>33,045</b>
Refinery .....	565	4,318	2,384	734	671	8,672
Bulk Terminal .....	7,795	9,396	3,567	1,632	1,983	24,373

**Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, March 2021**  
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
<b>Miscellaneous Products</b> .....	<b>54</b>	<b>91</b>	<b>329</b>	<b>15</b>	<b>100</b>	<b>589</b>
Refinery .....	52	91	329	15	100	587
Bulk Terminal .....	2	—	—	—	—	2
Pipeline .....	—	—	—	—	—	—
<b>Total Stocks, All Oils</b> .....	<b>168,303</b>	<b>290,505</b>	<b>1,295,268</b>	<b>48,484</b>	<b>136,941</b>	<b>1,939,502</b>

— = Not Applicable.

— = No Data Reported.

Lease stocks were excluded from crude oil stocks beginning with data for July 2016 (see explanatory notes).

<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> Renewable diesel fuel includes biodiesel and other renewable diesel.

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

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

**Table 56. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, March 2021**  
(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>6</b>	<b>1,087</b>	<b>1,093</b>	<b>15,087</b>	<b>35,871</b>	<b>50,958</b>	<b>1,531</b>
Connecticut	–	–	–	1,121	35	1,156	40
Delaware	–	–	–	884	474	1,358	47
District of Columbia	–	–	–	–	–	–	–
Florida	–	607	607	–	5,839	5,839	–
Georgia	–	103	103	–	2,370	2,370	–
Maine	–	–	–	222	192	414	108
Maryland	–	–	–	1,990	42	2,032	33
Massachusetts	5	–	5	1,384	–	1,384	25
New Hampshire	–	–	–	–	–	–	–
New Jersey	–	33	33	6,239	16,327	22,566	460
New York	1	7	8	840	2,283	3,123	469
North Carolina	–	126	126	–	2,502	2,502	138
Pennsylvania	–	11	11	480	3,554	4,034	173
Rhode Island	–	–	–	506	25	531	–
South Carolina	–	148	148	–	1,060	1,060	7
Vermont	–	–	–	–	46	46	6
Virginia	–	12	12	1,421	1,011	2,432	25
West Virginia	–	40	40	–	111	111	–
<b>PAD District 2</b>	<b>–</b>	<b>2,958</b>	<b>2,958</b>	<b>4,568</b>	<b>32,989</b>	<b>37,557</b>	<b>105</b>
Illinois	–	188	188	2,180	4,697	6,877	55
Indiana	–	281	281	845	4,866	5,711	–
Iowa	–	43	43	–	1,713	1,713	–
Kansas	–	227	227	–	2,698	2,698	11
Kentucky	–	183	183	377	1,082	1,459	–
Michigan	–	156	156	48	3,051	3,099	–
Minnesota	–	417	417	0	2,287	2,287	–
Missouri	–	133	133	259	700	959	–
Nebraska	–	39	39	–	646	646	–
North Dakota	–	97	97	–	850	850	–
Ohio	–	731	731	–	4,145	4,145	27
Oklahoma	–	263	263	–	2,079	2,079	–
South Dakota	–	37	37	–	512	512	–
Tennessee	–	91	91	–	1,591	1,591	–
Wisconsin	–	72	72	859	2,072	2,931	12
<b>PAD District 3</b>	<b>–</b>	<b>6,617</b>	<b>6,617</b>	<b>6,023</b>	<b>51,984</b>	<b>58,007</b>	<b>349</b>
Alabama	–	81	81	12	1,119	1,131	2
Arkansas	–	54	54	–	502	502	–
Louisiana	–	1,383	1,383	398	11,880	12,278	69
Mississippi	–	944	944	10	1,895	1,905	–
New Mexico	–	13	13	–	447	447	–
Texas	–	4,142	4,142	5,603	36,141	41,744	278
<b>PAD District 4</b>	<b>–</b>	<b>1,683</b>	<b>1,683</b>	<b>–</b>	<b>5,796</b>	<b>5,796</b>	<b>1</b>
Colorado	–	347	347	–	1,803	1,803	–
Idaho	–	277	277	–	219	219	–
Montana	–	483	483	–	1,285	1,285	–
Utah	–	69	69	–	1,191	1,191	1
Wyoming	–	507	507	–	1,298	1,298	–
<b>PAD District 5</b>	<b>18</b>	<b>2,222</b>	<b>2,240</b>	<b>12,838</b>	<b>13,680</b>	<b>26,519</b>	<b>13</b>
Alaska	–	738	738	–	–	–	12
Arizona	–	56	56	853	308	1,161	–
California	18	291	309	11,764	6,406	18,171	1
Hawaii	–	395	395	–	705	705	–
Nevada	–	101	101	6	275	281	–
Oregon	–	61	61	–	1,895	1,895	–
Washington	–	580	580	215	4,091	4,306	–
<b>U.S. Total</b>	<b>24</b>	<b>14,567</b>	<b>14,591</b>	<b>38,517</b>	<b>140,320</b>	<b>178,837</b>	<b>1,999</b>

See footnotes at end of table.

**Table 56. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, March 2021**  
(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>35,146</b>	<b>1,014</b>	<b>2,252</b>	<b>38,412</b>	<b>6,689</b>	<b>2,503</b>
Connecticut .....	3,386	—	—	3,386	16	—
Delaware .....	444	51	89	584	624	11
District of Columbia .....	—	—	—	—	—	—
Florida .....	2,492	182	—	2,674	1,557	39
Georgia .....	1,565	—	—	1,565	241	14
Maine .....	2,140	1	20	2,161	68	—
Maryland .....	3,006	—	—	3,006	285	2
Massachusetts .....	1,618	45	117	1,780	110	—
New Hampshire .....	456	—	—	456	23	72
New Jersey .....	7,892	394	1,245	9,531	2,906	67
New York .....	3,557	—	109	3,666	556	115
North Carolina .....	1,060	—	—	1,060	—	242
Pennsylvania .....	4,064	—	86	4,150	148	1,729
Rhode Island .....	1,084	—	—	1,084	—	—
South Carolina .....	706	—	—	706	45	86
Vermont .....	105	—	—	105	—	—
Virginia .....	1,501	289	586	2,376	110	2
West Virginia .....	70	52	—	122	—	78
<b>PAD District 2</b> .....	<b>20,740</b>	<b>117</b>	<b>192</b>	<b>21,049</b>	<b>1,169</b>	<b>5,795</b>
Illinois .....	3,387	—	3	3,390	439	430
Indiana .....	3,244	—	66	3,310	47	234
Iowa .....	1,574	2	—	1,576	1	198
Kansas .....	1,648	—	—	1,648	43	2,176
Kentucky .....	817	13	—	830	—	83
Michigan .....	1,377	72	—	1,449	112	1,767
Minnesota .....	1,273	—	38	1,311	231	129
Missouri .....	516	4	7	527	—	113
Nebraska .....	556	—	—	556	—	67
North Dakota .....	793	1	—	794	30	60
Ohio .....	1,927	—	38	1,965	107	386
Oklahoma .....	1,091	25	40	1,156	50	97
South Dakota .....	552	—	—	552	—	16
Tennessee .....	1,072	—	—	1,072	82	3
Wisconsin .....	913	—	—	913	27	36
<b>PAD District 3</b> .....	<b>32,903</b>	<b>1,755</b>	<b>4,413</b>	<b>39,071</b>	<b>17,313</b>	<b>16,089</b>
Alabama .....	837	4	23	864	360	17
Arkansas .....	911	—	—	911	—	31
Louisiana .....	5,051	947	1,210	7,208	7,989	700
Mississippi .....	1,003	536	135	1,674	403	619
New Mexico .....	318	—	—	318	64	2
Texas .....	24,783	268	3,045	28,096	8,497	14,720
<b>PAD District 4</b> .....	<b>2,845</b>	<b>208</b>	<b>68</b>	<b>3,121</b>	<b>216</b>	<b>231</b>
Colorado .....	381	—	—	381	7	24
Idaho .....	365	—	—	365	—	—
Montana .....	969	84	—	1,053	81	30
Utah .....	523	47	68	638	60	94
Wyoming .....	607	77	—	684	68	83
<b>PAD District 5</b> .....	<b>10,679</b>	<b>250</b>	<b>722</b>	<b>11,651</b>	<b>5,521</b>	<b>804</b>
Alaska .....	1,019	—	53	1,072	137	3
Arizona .....	577	—	—	577	—	347
California .....	5,424	249	323	5,996	4,017	160
Hawaii .....	304	1	343	648	407	77
Nevada .....	376	—	3	379	—	—
Oregon .....	1,090	—	—	1,090	47	—
Washington .....	1,889	—	—	1,889	913	217
<b>U.S. Total</b> .....	<b>102,313</b>	<b>3,344</b>	<b>7,647</b>	<b>113,304</b>	<b>30,908</b>	<b>25,422</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 Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report."

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

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
<b>Crude Oil</b> .....	<b>233</b>	<b>39</b>	<b>0</b>	<b>2,324</b>	<b>49,106</b>	<b>7,344</b>	<b>6,089</b>	<b>1,206</b>	<b>13,683</b>
<b>Petroleum Products</b> .....	<b>16,582</b>	<b>171</b>	<b>0</b>	<b>21,469</b>	<b>41,965</b>	<b>11,424</b>	<b>4,703</b>	<b>82,995</b>	<b>18,251</b>
Natural Gas Liquids .....	7,603	102	0	7,853	31,166	7,749	437	1,776	8,263
Ethane .....	5,213	0	—	0	13,720	1,401	—	0	1,277
Propane .....	1,304	0	0	5,725	9,652	3,352	211	1,758	925
Normal Butane .....	302	0	0	1,922	3,951	1,360	117	18	182
Isobutane .....	436	102	0	206	1,299	492	109	0	486
Natural Gasoline .....	348	0	—	0	2,544	1,144	—	0	5,393
Refinery Olefins .....	0	0	—	463	418	—	—	0	0
Ethylene .....	—	—	—	—	—	—	—	—	—
Propylene .....	0	0	—	463	418	—	—	0	0
Normal Butylene .....	—	—	—	—	—	—	—	—	—
Isobutylene .....	—	—	—	—	—	—	—	—	—
Unfinished Oils .....	21	0	—	0	277	—	—	0	136
Motor Gasoline Blending Components .....	5,698	0	0	1,232	1,783	1,755	0	49,494	2,875
Reformulated - RBOB .....	0	0	0	0	85	—	0	5,165	598
Conventional .....	5,698	0	0	1,232	1,698	1,755	0	44,329	2,277
CBOB .....	5,698	0	0	1,232	1,590	1,755	0	44,047	1,903
GTAB .....	—	—	—	—	—	—	—	—	—
Other .....	0	0	—	0	108	—	—	282	374
Renewable Fuels .....	42	0	0	8,737	5,706	475	4,052	200	0
Fuel Ethanol .....	0	0	0	8,391	5,322	442	3,763	200	0
Renewable Diesel Fuel <sup>2</sup> .....	42	0	0	346	384	32	289	0	0
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline .....	123	0	0	968	149	102	0	2,204	1,355
Reformulated .....	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Reformulated Other .....	—	—	—	—	—	—	—	—	—
Conventional .....	123	0	0	968	149	102	0	2,204	1,355
Conventional Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Ed55 and Lower .....	—	—	—	—	—	—	—	—	—
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—
Conventional Other .....	123	0	0	968	149	102	0	2,204	1,355
Finished Aviation Gasoline .....	—	0	—	0	0	—	—	58	—
Kerosene-Type Jet Fuel .....	140	0	0	22	30	524	0	8,352	1,723
Kerosene .....	—	0	—	0	0	—	—	76	—
Distillate Fuel Oil .....	2,929	0	0	1,175	889	813	0	20,097	3,356
15 ppm sulfur and under .....	2,929	0	0	1,175	889	813	0	19,776	3,314
Greater than 15 ppm to 500 ppm sulfur .....	0	0	—	0	0	—	—	1	42
Greater than 500 ppm sulfur .....	—	0	—	0	0	—	—	320	—
Residual Fuel Oil .....	0	0	—	—	521	—	—	—	0
Petrochemical Feedstocks .....	0	0	—	—	72	—	—	—	0
Naphtha for Petrochemical Feedstock Use .....	0	0	—	—	49	—	—	—	0
Other Oils for Petrochemical Feedstock Use .....	0	0	—	—	23	—	—	—	0
Special Naphthas .....	0	0	—	—	0	—	—	—	10
Lubricants .....	0	50	—	10	0	—	—	372	271
Waxes .....	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke .....	0	19	0	212	509	7	13	33	16
Asphalt and Road Oil .....	26	0	0	797	445	0	201	334	236
Miscellaneous Products .....	0	0	—	—	0	—	—	—	10
<b>Total</b> .....	<b>16,815</b>	<b>210</b>	<b>0</b>	<b>23,793</b>	<b>91,071</b>	<b>18,768</b>	<b>10,792</b>	<b>84,201</b>	<b>31,934</b>

See footnotes at end of table.

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

Commodity	From 3 to		From 4 to				From 5 to		
	4	5	1	2	3	5	1	3	4
<b>Crude Oil</b> .....	<b>0</b>	<b>39</b>	<b>0</b>	<b>22,280</b>	<b>403</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Petroleum Products</b> .....	<b>2</b>	<b>5,311</b>	<b>0</b>	<b>14,447</b>	<b>2,422</b>	<b>2,381</b>	<b>0</b>	<b>47</b>	<b>6</b>
Natural Gas Liquids .....	0	11	0	13,423	2,259	240	0	0	0
Ethane .....	0	—	0	3,788	739	—	0	0	0
Propane .....	0	0	0	5,016	638	126	0	0	0
Normal Butane .....	0	7	0	2,042	255	84	0	0	0
Isobutane .....	0	4	0	865	214	30	0	0	0
Natural Gasoline .....	0	—	0	1,712	413	—	0	0	0
Refinery Olefins .....	—	—	0	0	0	—	0	0	—
Ethylene .....	—	—	—	—	—	—	—	—	—
Propylene .....	—	—	0	0	0	—	0	0	—
Normal Butylene .....	—	—	—	—	—	—	—	—	—
Isobutylene .....	—	—	—	—	—	—	—	—	—
Unfinished Oils .....	—	—	0	0	0	—	0	0	—
Motor Gasoline Blending Components .....	0	3,643	0	89	0	965	0	0	0
Reformulated - RBOB .....	—	1,911	0	0	0	0	0	0	—
Conventional .....	0	1,732	0	89	0	965	0	0	0
CBOB .....	0	1,732	0	89	0	965	0	0	0
GTAB .....	—	—	—	—	—	—	—	—	—
Other .....	—	—	0	0	0	—	0	0	—
Renewable Fuels .....	0	343	0	0	0	45	0	0	0
Fuel Ethanol .....	0	48	0	0	0	45	0	0	0
Renewable Diesel Fuel <sup>2</sup> .....	0	295	0	0	0	0	0	0	0
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline .....	0	0	0	323	0	167	0	0	0
Reformulated .....	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Reformulated Other .....	—	—	—	—	—	—	—	—	—
Conventional .....	0	0	0	323	0	167	0	0	0
Conventional Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Ed55 and Lower .....	—	—	—	—	—	—	—	—	—
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—
Conventional Other .....	0	0	0	323	0	167	0	0	0
Finished Aviation Gasoline .....	—	—	0	—	0	—	0	0	—
Kerosene-Type Jet Fuel .....	0	245	0	22	0	40	0	0	0
Kerosene .....	—	—	0	—	0	—	0	0	—
Distillate Fuel Oil .....	0	928	0	341	0	407	0	0	0
15 ppm sulfur and under .....	0	928	0	341	0	407	0	0	0
Greater than 15 ppm to 500 ppm sulfur .....	—	—	0	0	0	—	0	0	—
Greater than 500 ppm sulfur .....	—	—	0	—	0	—	0	0	—
Residual Fuel Oil .....	—	—	—	0	0	—	—	0	—
Petrochemical Feedstocks .....	—	—	—	0	0	—	—	0	—
Naphtha for Petrochemical Feedstock Use .....	—	—	—	0	0	—	—	0	—
Other Oils for Petrochemical Feedstock Use .....	—	—	—	0	0	—	—	0	—
Special Naphthas .....	—	—	—	0	0	—	—	0	—
Lubricants .....	—	—	0	0	0	—	0	0	—
Waxes .....	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke .....	0	0	0	124	20	202	0	47	6
Asphalt and Road Oil .....	2	141	0	126	143	315	0	0	0
Miscellaneous Products .....	—	—	—	0	0	—	—	0	—
<b>Total</b> .....	<b>2</b>	<b>5,350</b>	<b>0</b>	<b>36,727</b>	<b>2,825</b>	<b>2,381</b>	<b>0</b>	<b>47</b>	<b>6</b>

— = No Data Reported.

<sup>1</sup> Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

<sup>2</sup> Renewable diesel fuel includes biodiesel and other renewable diesel.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 58. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, March 2021**  
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
<b>Crude Oil</b> .....	<b>157</b>	<b>39</b>	<b>255</b>	<b>47,450</b>	<b>7,344</b>	<b>130</b>	<b>13,683</b>	<b>0</b>	<b>-</b>
<b>Petroleum Products</b> .....	<b>16,206</b>	<b>0</b>	<b>8,779</b>	<b>33,358</b>	<b>10,943</b>	<b>62,418</b>	<b>16,152</b>	<b>0</b>	<b>4,816</b>
Natural Gas Liquids .....	7,382	0	6,033	30,840	7,749	1,560	8,209	0	-
Ethane .....	5,213	0	0	13,720	1,401	0	1,277	0	-
Propane .....	1,258	0	4,389	9,439	3,352	1,560	896	0	-
Normal Butane .....	166	0	1,644	3,906	1,360	0	164	0	-
Isobutane .....	397	0	0	1,231	492	0	479	0	-
Natural Gasoline .....	348	0	0	2,544	1,144	0	5,393	0	-
Motor Gasoline Blending Components .....	5,698	0	859	1,596	1,755	36,620	2,665	0	3,643
Reformulated - RBOB .....	0	0	0	85	-	5,165	598	-	1,911
Conventional .....	5,698	0	859	1,511	1,755	31,455	2,067	0	1,732
CBOB .....	5,698	0	859	1,511	1,755	31,173	1,903	0	1,732
GTAB .....	-	-	-	-	-	-	-	-	-
Other .....	0	0	0	0	-	282	164	-	-
Renewable Fuels .....	-	-	-	-	-	-	-	-	-
Fuel Ethanol .....	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel <sup>1</sup> .....	-	-	-	-	-	-	-	-	-
Other Renewable Fuels .....	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline .....	123	0	941	27	102	1,374	1,112	0	0
Reformulated .....	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol .....	-	-	-	-	-	-	-	-	-
Reformulated Other .....	-	-	-	-	-	-	-	-	-
Conventional .....	123	0	941	27	102	1,374	1,112	0	0
Conventional Blended with Fuel Ethanol .....	-	-	-	-	-	-	-	-	-
Ed55 and Lower .....	-	-	-	-	-	-	-	-	-
Greater than Ed55 .....	-	-	-	-	-	-	-	-	-
Conventional Other .....	123	0	941	27	102	1,374	1,112	0	0
Finished Aviation Gasoline .....	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel .....	140	0	22	30	524	5,909	1,209	0	245
Kerosene .....	-	0	0	0	-	76	-	-	-
Distillate Fuel Oil .....	2,863	0	924	865	813	16,879	2,957	0	928
15 ppm sulfur and under .....	2,863	0	924	865	813	16,558	2,915	0	928
Greater than 15 ppm to 500 ppm sulfur .....	0	0	0	0	-	1	42	-	-
Greater than 500 ppm sulfur .....	-	0	0	0	-	320	-	-	-
Residual Fuel Oil .....	-	-	-	-	-	-	-	-	-
Miscellaneous Products .....	-	-	-	-	-	-	-	-	-
<b>Total</b> .....	<b>16,363</b>	<b>39</b>	<b>9,034</b>	<b>80,808</b>	<b>18,287</b>	<b>62,548</b>	<b>29,835</b>	<b>0</b>	<b>4,816</b>

See footnotes at end of table.

**Table 58. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, March 2021**  
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
<b>Crude Oil</b> .....	<b>0</b>	<b>22,280</b>	<b>271</b>	<b>-</b>	<b>0</b>	<b>0</b>
<b>Petroleum Products</b> .....	<b>0</b>	<b>14,198</b>	<b>2,259</b>	<b>1,579</b>	<b>0</b>	<b>0</b>
Natural Gas Liquids .....	0	13,423	2,259	-	0	0
Ethane .....	0	3,788	739	-	0	0
Propane .....	0	5,016	638	-	0	0
Normal Butane .....	0	2,042	255	-	0	0
Isobutane .....	0	865	214	-	0	0
Natural Gasoline .....	0	1,712	413	-	0	0
Motor Gasoline Blending Components .....	0	89	0	965	0	0
Reformulated - RBOB .....	0	0	0	0	0	-
Conventional .....	0	89	0	965	0	0
CBOB .....	0	89	0	965	0	0
GTAB .....	-	-	-	-	-	-
Other .....	0	0	0	-	0	-
Renewable Fuels .....	-	-	-	-	-	-
Fuel Ethanol .....	-	-	-	-	-	-
Renewable Diesel Fuel <sup>1</sup> .....	-	-	-	-	-	-
Other Renewable Fuels .....	-	-	-	-	-	-
Finished Motor Gasoline .....	0	323	0	167	0	0
Reformulated .....	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol .....	-	-	-	-	-	-
Reformulated Other .....	-	-	-	-	-	-
Conventional .....	0	323	0	167	0	0
Conventional Blended with Fuel Ethanol .....	-	-	-	-	-	-
Ed55 and Lower .....	-	-	-	-	-	-
Greater than Ed55 .....	-	-	-	-	-	-
Conventional Other .....	0	323	0	167	0	0
Finished Aviation Gasoline .....	-	-	-	-	-	-
Kerosene-Type Jet Fuel .....	0	22	0	40	0	0
Kerosene .....	0	-	0	-	0	-
Distillate Fuel Oil .....	0	341	0	407	0	0
15 ppm sulfur and under .....	0	341	0	407	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 .....	-	-	-	-	-	-
<b>Total</b> .....	<b>0</b>	<b>36,478</b>	<b>2,530</b>	<b>1,579</b>	<b>0</b>	<b>0</b>

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> Renewable diesel fuel includes biodiesel and other renewable diesel.

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

**Table 59. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, March 2021**  
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
<b>Crude Oil</b> .....	<b>76</b>	<b>0</b>	<b>-</b>	<b>294</b>	<b>1,656</b>	<b>-</b>
<b>Petroleum Products</b> .....	<b>87</b>	<b>50</b>	<b>0</b>	<b>967</b>	<b>1,886</b>	<b>0</b>
Natural Gas Liquids .....	-	0	-	0	0	-
Ethane .....	-	-	-	-	-	-
Propane .....	-	0	-	0	0	-
Normal Butane .....	-	-	-	-	-	-
Isobutane .....	-	-	-	-	-	-
Natural Gasoline .....	-	-	-	-	-	-
Unfinished Oils .....	21	0	-	0	277	-
Motor Gasoline Blending Components .....	0	0	-	373	187	-
Reformulated - RBOB .....	-	-	-	-	-	-
Conventional .....	0	0	-	373	187	-
CBOB .....	0	0	-	373	79	-
GTAB .....	-	-	-	-	-	-
Other .....	0	0	-	-	108	-
Renewable Fuels .....	0	0	0	252	665	0
Fuel Ethanol .....	0	0	-	252	610	-
Renewable Diesel Fuel <sup>1</sup> .....	0	0	0	-	55	0
Other Renewable Fuels .....	-	-	-	-	-	-
Finished Motor Gasoline .....	0	0	-	27	122	-
Reformulated .....	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol .....	-	-	-	-	-	-
Reformulated Other .....	-	-	-	-	-	-
Conventional .....	0	0	-	27	122	-
Conventional Blended with Fuel Ethanol .....	-	-	-	-	-	-
Ed55 and Lower .....	-	-	-	-	-	-
Greater than Ed55 .....	-	-	-	-	-	-
Conventional Other .....	0	0	-	27	122	-
Finished Aviation Gasoline .....	-	0	-	0	0	-
Kerosene-Type Jet Fuel .....	0	0	-	0	0	-
Kerosene .....	-	-	-	-	-	-
Distillate Fuel Oil .....	66	0	-	251	24	-
15 ppm sulfur and under .....	66	0	-	251	24	-
Greater than 15 ppm to 500 ppm sulfur .....	-	-	-	-	-	-
Greater than 500 ppm sulfur .....	-	-	-	-	-	-
Residual Fuel Oil .....	0	0	-	-	521	-
Less than 0.31 percent sulfur .....	-	-	-	-	-	-
0.31 to 1.00 percent sulfur .....	0	0	-	-	229	-
Greater than 1.00 percent sulfur .....	0	0	-	-	292	-
Petrochemical Feedstocks .....	0	0	-	-	72	-
Naphtha for Petrochemical Feedstock Use .....	0	0	-	-	49	-
Other Oils for Petrochemical Feedstock Use .....	0	0	-	-	23	-
Special Naphthas .....	0	0	-	-	0	-
Lubricants .....	0	50	-	10	0	-
Waxes .....	-	-	-	-	-	-
Marketable Petroleum Coke .....	-	-	-	-	-	-
Asphalt and Road Oil .....	0	0	-	54	18	-
Miscellaneous Products .....	0	0	-	-	0	-
<b>Total</b> .....	<b>163</b>	<b>50</b>	<b>0</b>	<b>1,261</b>	<b>3,542</b>	<b>0</b>

See footnotes at end of table.

**Table 59. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, March 2021**  
(Thousand Barrels) — Continued

Commodity	From 3 to						From 5 to		
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
<b>Crude Oil</b> .....	<b>1,076</b>	—	<b>1,076</b>	—	<b>0</b>	—	<b>0</b>	<b>0</b>	<b>0</b>
<b>Petroleum Products</b> .....	<b>20,250</b>	—	<b>571</b>	<b>19,679</b>	<b>1,972</b>	<b>250</b>	<b>0</b>	<b>0</b>	<b>0</b>
Natural Gas Liquids .....	23	—	—	23	—	—	0	—	0
Ethane .....	—	—	—	—	—	—	—	—	—
Propane .....	23	—	—	23	—	—	0	—	0
Normal Butane .....	—	—	—	—	—	—	—	—	—
Isobutane .....	—	—	—	—	—	—	—	—	—
Natural Gasoline .....	—	—	—	—	—	—	—	—	—
Unfinished Oils .....	0	—	—	—	136	—	0	0	0
Motor Gasoline Blending Components .....	12,874	—	—	12,874	210	—	0	0	0
Reformulated - RBOB .....	—	—	—	—	—	—	—	—	—
Conventional .....	12,874	—	—	12,874	210	—	0	0	0
CBOB .....	12,874	—	—	12,874	0	—	0	0	0
GTAB .....	—	—	—	—	—	—	—	—	—
Other .....	—	—	—	—	210	—	—	0	0
Renewable Fuels .....	200	—	—	200	0	250	0	0	0
Fuel Ethanol .....	200	—	—	200	0	—	0	0	0
Renewable Diesel Fuel <sup>1</sup> .....	—	—	—	—	0	250	—	0	0
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline .....	830	—	—	830	243	—	0	0	0
Reformulated .....	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Reformulated Other .....	—	—	—	—	—	—	—	—	—
Conventional .....	830	—	—	830	243	—	0	0	0
Conventional Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Ed55 and Lower .....	—	—	—	—	—	—	—	—	—
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—
Conventional Other .....	830	—	—	830	243	—	0	0	0
Finished Aviation Gasoline .....	58	—	—	58	—	—	0	—	0
Kerosene-Type Jet Fuel .....	2,443	—	—	2,443	514	—	0	0	0
Kerosene .....	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil .....	3,218	—	301	2,917	399	—	0	0	0
15 ppm sulfur and under .....	3,218	—	301	2,917	399	—	0	0	0
Greater than 15 ppm to 500 ppm sulfur .....	—	—	—	—	—	—	—	—	—
Greater than 500 ppm sulfur .....	—	—	—	—	—	—	—	—	—
Residual Fuel Oil .....	—	—	—	—	0	—	—	0	0
Less than 0.31 percent sulfur .....	—	—	—	—	—	—	—	—	—
0.31 to 1.00 percent sulfur .....	—	—	—	—	0	—	—	0	0
Greater than 1.00 percent sulfur .....	—	—	—	—	0	—	—	0	0
Petrochemical Feedstocks .....	—	—	—	—	0	—	—	0	0
Naphtha for Petrochemical Feedstock Use .....	—	—	—	—	0	—	—	0	0
Other Oils for Petrochemical Feedstock Use .....	—	—	—	—	0	—	—	0	0
Special Naphthas .....	—	—	—	—	10	—	—	0	0
Lubricants .....	372	—	270	102	271	—	0	0	0
Waxes .....	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke .....	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil .....	232	—	—	232	179	—	0	0	0
Miscellaneous Products .....	—	—	—	—	10	—	—	0	0
<b>Total</b> .....	<b>21,326</b>	—	<b>1,647</b>	<b>19,679</b>	<b>1,972</b>	<b>250</b>	<b>0</b>	<b>0</b>	<b>0</b>

— = No Data Reported.

<sup>1</sup> Renewable diesel fuel includes biodiesel and other renewable diesel.

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

**Table 60. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, March 2021**  
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil .....	0	0	0	0	1,775	0	0	6,089
Propane .....	46	0	0	0	1,336	213	0	211
Propylene .....	0	0	-	-	463	418	-	-
Normal Butane .....	136	0	0	0	278	45	0	117
Isobutane .....	39	102	0	0	206	68	0	109
Fuel Ethanol .....	0	0	0	0	8,139	4,712	442	3,763
Biodiesel .....	42	0	0	0	346	329	32	289
Marketable Petroleum Coke .....	0	19	0	0	212	509	7	13
Asphalt and Road Oil .....	26	0	0	0	743	427	0	201

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil .....	0	0	0	39	0	0	132	0
Propane .....	175	29	0	0	0	0	0	126
Propylene .....	0	0	-	-	0	0	0	-
Normal Butane .....	18	18	0	7	0	0	0	84
Isobutane .....	0	7	0	4	0	0	0	30
Fuel Ethanol .....	0	0	0	48	0	0	0	45
Biodiesel .....	0	0	0	45	0	0	0	0
Marketable Petroleum Coke .....	33	16	0	0	0	124	20	202
Asphalt and Road Oil .....	102	57	2	141	0	126	143	315

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	0	0
Marketable Petroleum Coke .....	0	19	47	6
Asphalt and Road Oil .....	0	0	0	0

- = No Data Reported.

Source: Rail Movements are estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 61. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, March 2021**  
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
<b>From 1 to</b>				
2 .....	157	76	0	233
3 .....	39	0	0	39
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 2 to</b>				
1 .....	255	294	1,775	2,324
3 .....	47,450	1,656	0	49,106
4 .....	7,344	-	0	7,344
5 .....	-	-	6,089	6,089
<b>From 3 to</b>				
1 .....	130	1,076	0	1,206
2 .....	13,683	0	0	13,683
4 .....	0	-	0	0
5 .....	-	-	39	39
<b>From 4 to</b>				
1 .....	0	0	0	0
2 .....	22,280	0	0	22,280
3 .....	271	0	132	403
5 .....	-	-	0	0
<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 62. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge and Rail <sup>1</sup> Between PAD Districts, March 2021**  
(Thousand Barrels)

Commodity	PAD District 1			PAD District 2			PAD District 3		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
<b>Crude Oil</b>	<b>3,530</b>	<b>272</b>	<b>3,258</b>	<b>36,196</b>	<b>64,863</b>	<b>-28,667</b>	<b>49,548</b>	<b>14,928</b>	<b>34,620</b>
<b>Petroleum Products</b>	<b>104,465</b>	<b>16,752</b>	<b>87,713</b>	<b>49,299</b>	<b>79,561</b>	<b>-30,262</b>	<b>44,604</b>	<b>106,561</b>	<b>-61,957</b>
Natural Gas Liquids	9,629	7,705	1,924	29,289	47,205	-17,916	33,527	10,050	23,477
Ethane	0	5,213	-5,213	10,278	15,121	-4,843	14,459	1,277	13,182
Propane	7,483	1,304	6,179	7,245	18,940	-11,695	10,290	2,683	7,607
Normal Butane	1,940	302	1,638	2,526	7,350	-4,824	4,206	207	3,999
Isobutane	206	538	-332	1,787	2,106	-319	1,615	490	1,125
Natural Gasoline	0	348	-348	7,453	3,688	3,765	2,957	5,393	-2,436
Refinery Olefins	463	0	463	0	881	-881	418	0	418
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	463	0	463	0	881	-881	418	0	418
Normal Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	0	21	-21	157	277	-120	277	136	141
Motor Gasoline Blending Components	50,726	5,698	45,028	8,662	4,770	3,892	1,783	56,012	-54,229
Reformulated - RBOB	5,165	0	5,165	598	85	513	85	7,674	-7,589
Conventional	45,561	5,698	39,863	8,064	4,685	3,379	1,698	48,338	-46,640
CBOB	45,279	5,698	39,581	7,690	4,577	3,113	1,590	47,682	-46,092
GTAB	0	0	-	0	0	-	0	0	-
Other	282	0	282	374	108	266	108	656	-548
Renewable Fuels	8,937	42	8,895	42	18,969	-18,927	5,706	543	5,163
Fuel Ethanol	8,591	0	8,591	0	17,918	-17,918	5,322	248	5,074
Renewable Diesel Fuel <sup>2</sup>	346	42	304	42	1,051	-1,009	384	295	89
Other Renewable Fuels	-	-	-	0	0	-	0	0	-
Finished Motor Gasoline	3,172	123	3,049	1,801	1,219	582	149	3,559	-3,410
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	3,172	123	3,049	1,801	1,219	582	149	3,559	-3,410
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	3,172	123	3,049	1,801	1,219	582	149	3,559	-3,410
Finished Aviation Gasoline	58	0	58	0	0	-	0	58	-58
Kerosene-Type Jet Fuel	8,374	140	8,234	1,885	576	1,309	30	10,320	-10,290
Kerosene	76	0	76	0	0	-	0	76	-76
Distillate Fuel Oil	21,272	2,929	18,343	6,626	2,877	3,749	889	24,381	-23,492
15 ppm sulfur and under	20,951	2,929	18,022	6,584	2,877	3,707	889	24,018	-23,129
Greater than 15 ppm to 500 ppm sulfur	1	0	1	42	0	42	0	43	-43
Greater than 500 ppm sulfur	320	0	320	0	0	-	0	320	-320
Residual Fuel Oil	0	0	-	0	521	-521	521	0	521
Petrochemical Feedstocks	0	0	-	0	72	-72	72	0	72
Naphtha for Petrochemical Feedstock Use	0	0	-	0	49	-49	49	0	49
Other Oils for Petrochemical Feedstock Use	0	0	-	0	23	-23	23	0	23
Special Naphthas	0	0	-	10	0	10	0	10	-10
Lubricants	382	50	332	271	10	261	50	643	-593
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	245	19	227	159	741	-583	594	49	545
Asphalt and Road Oil	1,131	26	1,105	387	1,442	-1,055	588	714	-126
Miscellaneous Products	0	0	-	10	0	10	0	10	-10
<b>Total</b>	<b>107,994</b>	<b>17,024</b>	<b>90,970</b>	<b>85,495</b>	<b>144,424</b>	<b>-58,929</b>	<b>94,152</b>	<b>121,489</b>	<b>-27,337</b>

See footnotes at end of table.

**Table 62. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge and Rail <sup>1</sup> Between PAD Districts, March 2021**  
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
<b>Crude Oil</b> .....	<b>7,344</b>	<b>22,683</b>	<b>-15,339</b>	<b>6,128</b>	<b>0</b>	<b>6,128</b>
<b>Petroleum Products</b> .....	<b>11,433</b>	<b>19,250</b>	<b>-7,817</b>	<b>12,395</b>	<b>72</b>	<b>12,323</b>
Natural Gas Liquids .....	7,749	15,922	-8,173	688	0	688
Ethane .....	1,401	4,527	-3,126	0	0	-
Propane .....	3,352	5,780	-2,428	337	0	337
Normal Butane .....	1,360	2,381	-1,021	208	0	208
Isobutane .....	492	1,109	-617	143	0	143
Natural Gasoline .....	1,144	2,125	-981	0	0	-
Refinery Olefins .....	0	0	-	0	0	-
Ethylene .....	-	-	-	-	-	-
Propylene .....	0	0	-	0	0	-
Normal Butylene .....	0	0	-	0	0	-
Isobutylene .....	0	0	-	0	0	-
Unfinished Oils .....	0	0	-	0	0	-
Motor Gasoline Blending Components .....	1,755	1,054	701	4,608	0	4,608
Reformulated - RBOB .....	-	-	-	1,911	0	1,911
Conventional .....	1,755	1,054	701	2,697	0	2,697
CBOB .....	1,755	1,054	701	2,697	0	2,697
GTAB .....	-	-	-	0	0	-
Other .....	0	0	-	0	0	-
Renewable Fuels .....	475	45	430	4,439	0	4,439
Fuel Ethanol .....	442	45	397	3,856	0	3,856
Renewable Diesel Fuel <sup>2</sup> .....	32	0	32	584	0	584
Other Renewable Fuels .....	0	0	-	0	0	-
Finished Motor Gasoline .....	102	490	-388	167	0	167
Reformulated .....	-	-	-	0	0	-
Reformulated Blended with Fuel Ethanol .....	-	-	-	0	0	-
Reformulated Other .....	-	-	-	-	-	-
Conventional .....	102	490	-388	167	0	167
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 .....	102	490	-388	167	0	167
Finished Aviation Gasoline .....	0	0	-	0	0	-
Kerosene-Type Jet Fuel .....	524	62	462	285	0	285
Kerosene .....	0	0	-	0	0	-
Distillate Fuel Oil .....	813	748	65	1,335	0	1,335
15 ppm sulfur and under .....	813	748	65	1,335	0	1,335
Greater than 15 ppm to 500 ppm sulfur .....	0	0	-	0	0	-
Greater than 500 ppm sulfur .....	0	0	-	0	0	-
Residual Fuel Oil .....	0	0	-	0	0	-
Petrochemical Feedstocks .....	-	-	-	0	0	-
Naphtha for Petrochemical Feedstock Use .....	-	-	-	0	0	-
Other Oils for Petrochemical Feedstock Use .....	-	-	-	-	-	-
Special Naphthas .....	-	-	-	0	0	-
Lubricants .....	0	0	-	0	0	-
Waxes .....	0	0	-	0	0	-
Marketable Petroleum Coke .....	13	345	-332	215	72	143
Asphalt and Road Oil .....	2	584	-581	657	0	657
Miscellaneous Products .....	0	0	-	0	0	-
<b>Total</b> .....	<b>18,777</b>	<b>41,933</b>	<b>-23,156</b>	<b>18,523</b>	<b>72</b>	<b>18,451</b>

- = No Data Reported.

<sup>1</sup> Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

<sup>2</sup> Renewable diesel fuel includes biodiesel and other renewable diesel.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

## Appendix A

# District Descriptions and Maps

The following are the Refining Districts which make up the Petroleum Administration for Defense (PAD) Districts.

### **PAD District I**

**East Coast:** The District of Columbia and the States of Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New Jersey, Delaware, Maryland, Virginia, North Carolina, South Carolina, Georgia, Florida, and the following counties of the State of New York: Cayuga, Tompkins, Chemung, and all counties east and north thereof. Also the following counties in the State of Pennsylvania: Bradford, Sullivan, Columbia, Montour, Northumberland, Dauphin, York, and all counties east thereof.

**Appalachian No. 1:** The State of West Virginia and those parts of the States of Pennsylvania and New York not included in the East Coast District.

### **Sub-PAD District I**

**New England:** The States of Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

**Central Atlantic:** The District of Columbia and the States of Delaware, Maryland, New Jersey, New York, and Pennsylvania.

**Lower Atlantic:** The States of Florida, Georgia, North Carolina, South Carolina, Virginia and West Virginia.

### **PAD District II**

**Indiana-Illinois-Kentucky:** The States of Indiana, Illinois, Kentucky, Tennessee, Michigan, and Ohio.

**Minnesota-Wisconsin-North and South Dakota:** The States of Minnesota, Wisconsin, North Dakota, and South Dakota.

**Oklahoma-Kansas-Missouri:** The States of Oklahoma, Kansas, Missouri, Nebraska, and Iowa.

### **PAD District III**

**Texas Inland:** The State of Texas except the Texas Gulf Coast District.

**Texas Gulf Coast:** The following counties of the State of Texas: Newton, Orange, Jefferson, Jasper, Tyler, Hardin, Liberty, Chambers, Polk, San Jacinto, Montgomery, Harris, Galveston, Waller, Fort Bend, Brazoria, Wharton, Matagorda, Jackson, Victoria, Calhoun, Refugio, Aransas, San Patricio, Nueces, Kleberg, Kenedy, Willacy, and Cameron.

**Louisiana Gulf Coast:** The following Parishes of the State of Louisiana: Vernon, Rapides, Avoyelles, Pointe Coupee, West Feliciana, East Feliciana, Saint Helena, Tangipahoa, Washington, and all Parishes south thereof. Also the following counties of the State of Mississippi: Pearl River, Stone, George, Hancock, Harrison, and Jackson. Also the following counties of the State of Alabama: Mobile and Baldwin.

**North Louisiana-Arkansas:** The State of Arkansas and those parts of the States of Louisiana, Mississippi, and Alabama not included in the Louisiana Gulf Coast District.

**New Mexico:** The State of New Mexico.

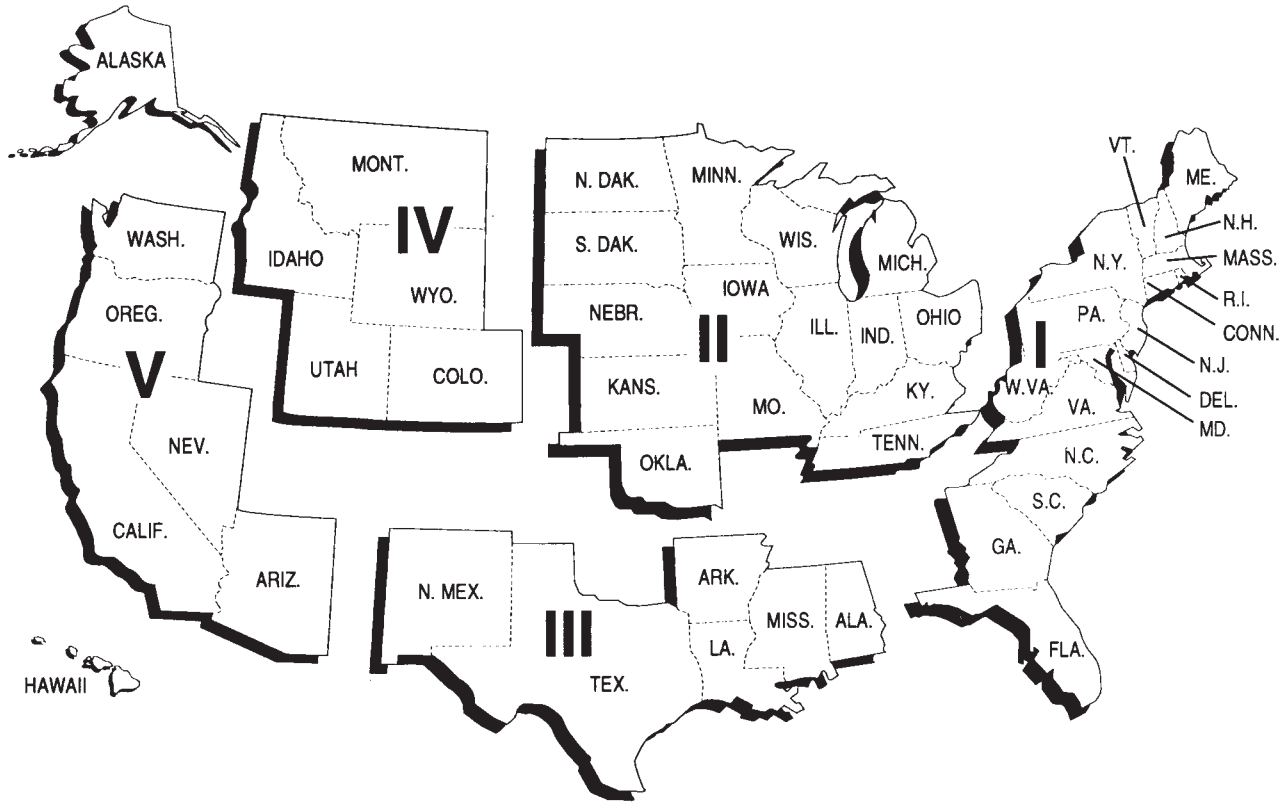
### **PAD District IV**

**Rocky Mountain:** The States of Montana, Idaho, Wyoming, Utah, and Colorado.

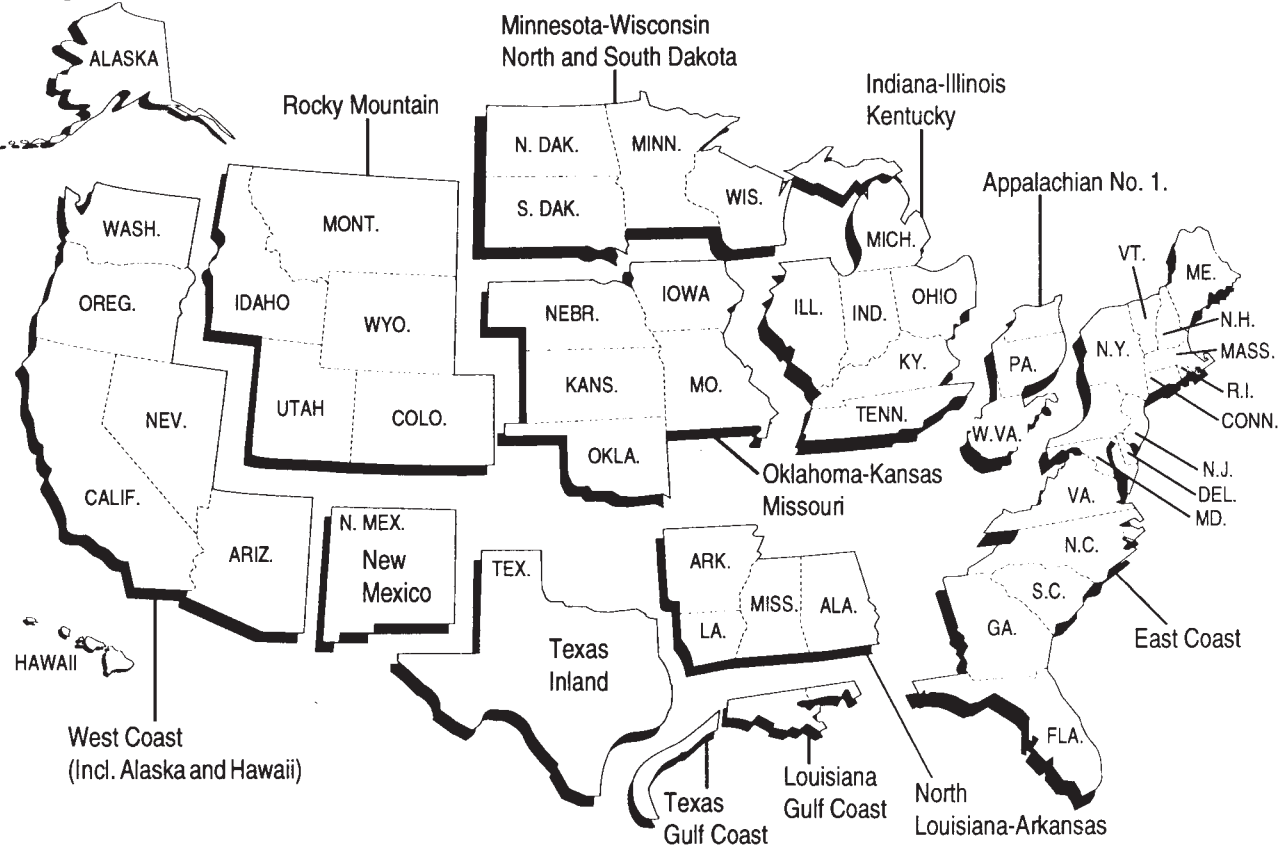
### **PAD District V**

**West Coast:** The States of Washington, Oregon, California, Nevada, Arizona, Alaska, and Hawaii.

# Petroleum Administration for Defense (PAD) Districts



# Refining Districts



## PSM Explanatory Notes

### Preface

The *Petroleum Supply Monthly* (PSM) and *Petroleum Supply Annual* (PSA) are reports produced by the Monthly Petroleum Supply Reporting System (MPSRS) operated by the U.S. Energy Information Administration (EIA). The PSM and PSA track supply and disposition of crude oil, hydrocarbon gas liquids, petroleum products, and biofuels. The reports are produced by the Office of Petroleum and Biofuel Statistics of the U.S. Energy Information Administration (EIA).

Data presented in the PSM and PSA describe supply and disposition of crude oil, hydrocarbon gas liquids, petroleum products, and biofuels in the United States, and major U.S. geographic regions with selected data available at the state level. Data describe production, imports, exports, inter-Petroleum Administration for Defense District (PADD) movements, and inventories in the United States (50 States and the District of Columbia). The reporting universe includes operators engaged in primary supply activities including refining, motor gasoline blending, natural gas processing and fractionation, inter-PADD transportation, importers, and major inventory holders. When aggregated, data reported by operators in these sectors are used to derive consumption of petroleum products in the United States.

Monthly and year-to-date data are normally released in the PSM on the last business day of each month. Monthly data are available approximately 60 days after the end of each reference month. Revised monthly data and annual totals and averages are released in the PSA usually at the end of August each year.

# Appendix B. Explanatory Notes

## 1. Overview

### A. The Energy Information Administration's Quality Guidelines

Data contained in the *Petroleum Supply Monthly* (PSM) and *Petroleum Supply Annual* (PSA) are subject to information quality guidelines issued by the Office of Management and Budget (OMB), the Department of Energy (DOE), and Energy Information Administration (EIA). With available resources, EIA continually works to improve its systems in order to provide high quality information needed by public and private policymakers and decision makers. EIA has performance standards to ensure the quality (i.e., objectivity, utility, and integrity) of information it disseminates to the public. Quality is ensured and maximized at levels appropriate to the nature and timeliness of the disseminated information.

### B. Concepts of Product Supply and Demand

Petroleum supply estimates contained in the PSM and PSA are used for calculation of petroleum demand measured as product supplied. Product supplied is often called “implied” demand because it is a measure of demand that is implied by disappearance of petroleum product barrels from facilities and activities in the “primary” supply chain. Facilities and activities in the primary supply chain include refineries, bulk storage and blending terminals, natural gas processing plants and fractionators, renewable fuels and oxygenate production plants, imports, exports, , and transportation by pipelines, tankers, barges, and railroads. Total product supplied at the U.S. level is equal to the sum of field production (including production of crude oil and natural gas liquids from natural gas processing plants), refinery and blender net production, renewable fuels and oxygenate plant net production, imports, and adjustments, minus the sum of stock change, refinery and blender net inputs, and exports. Net receipts are added to supply when product supplied is calculated for Petroleum Administration for Defense Districts (PADD). Crude oil product supplied is zero after September 1997 because crude oil is processed in refineries to produce fuels and other products rather than being used directly as fuel. Data include crude oil used directly as fuel between January 1981 and September 1997.

The secondary supply chain falls between primary supply and end-users. Product barrels typically flow in bulk quantities from primary supply into secondary supply before delivery to consumers. Fuels and other products held by consumers are considered to be in tertiary supply. Secondary supply facilities and activities include storage at bulk plants and retail outlets. Bulk plants are wholesale storage facilities that have less than 50,000 barrels of storage capacity and, as defined by EIA, receive product only by rail or truck, but not by barge, tanker, or pipeline. Tertiary inventories are held by end users and include fuel in vehicle tanks, heating oil in residential tanks, fuel oil held by utilities, fuel and nonfuel products held by end users, and certain proprietary storage of raw materials such as propane held at chemical plants for use as ethylene feedstock.

There is a delay between the time when barrels are reported as demand measured as product supplied and when the same barrels are actually consumed. The delay is due to the time required for barrels to move from primary supply through secondary and tertiary supply chains and ultimately to end users where the barrels are actually consumed as fuel, feedstock, or for other purposes. Users of demand measured as product supplied should expect product supplied to either anticipate or lag timing of actual petroleum consumption.

### C. Components of Supply and Disposition

The detailed statistics tables in the *PSM* provide complete supply and disposition information for the current month and year to date. The tables are organized to locate National and Petroleum Administration for Defense (PAD) District supply and disposition data at the front followed by tables that contain detailed information on supply and disposition. These include tables on crude oil and petroleum product production, import/export data, stocks information, and lastly, data on crude oil and petroleum product movements. To assist in the interpretation of these tables, the following discussion of supply, disposition, and ending stocks as shown in Tables 1– 25 is provided. The categories and products are defined in the EIA Glossary.

#### (1.) Supply

a. Field Production - Total Field Production is the sum of crude oil production and natural gas plant liquids and liquefied refinery gases production.

Crude oil production is an estimate based on data received from State conservation agencies, the Mineral Management Service of the U.S. Department of the Interior and Form EIA-914 “Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report. Refer to “Domestic Crude Oil Production” in Section 2C (1) for further details.

Field production of natural gas plant liquids is reported on Form EIA-816 and published on a net basis (i.e., production minus inputs).

b. Renewable Fuels and Oxygenate Plant Net Production – Renewable fuels production included fuel ethanol beginning with data for January 2009, biodiesel beginning with data for January 2011, and renewable hydrocarbon biofuels (diesel, heating oil, jet, naphtha, gasoline, and other) beginning with data for January 2021. EIA included production of fuel oxygenates (ethyl tertiary butyl ether (ETBE), methyl tertiary butyl ether (MTBE), and other fuel oxygenates) as a component of the petroleum balance from January 2009 until December 2018. This supply category also includes net production of non-biofuel products, including petroleum-derived gasoline, distillate fuel oil, jet fuel, and kerosene and natural gas liquids, blended with biofuels as denaturants or for other purposes at biofuel producing plants. Negative production indicates the amount of a product produced during the month was less than the amount of that same product reported as input during the same month.

c. Refinery and Blender Net Production – Refinery and Blender Net Production is reported on Forms EIA-810 and EIA- 815. Refinery and Blender Net Production equals refinery and blenders production minus refinery and blender inputs. Negative production of finished petroleum products will occur when the amount of a product produced during the month is less than the amount of that same product that is reprocessed (input) or reclassified to become another product during the same month.

d. Imports - Imports include receipts of goods into the 50 States and the District of Columbia from U.S. possessions and territories from foreign countries.

e. Net Receipts – Net Receipts data are included in tables containing PAD District-level data to account for inter-PAD District movements of crude oil and petroleum products. Net receipts for a PAD District are calculated by subtracting shipments out of the PAD District from receipts into the PAD District. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge, and Rail between PAD Districts are shown in Table 62.

f. Adjustments – This column includes adjustment quantities for crude oil, fuel ethanol, motor gasoline blending components, biodiesel (included in “Renewable Fuels Except Fuel Ethanol”) and distillate fuel oil. EIA calculates adjustment quantities to balance supply and disposition for selected products or to reclassify one product to another product. EIA calculates product supplied as the balancing item for most products and a measure of implied demand for petroleum products. EIA uses adjustments as balance items in cases where it does not make sense to interpret the balancing item as demand. Reclassifications reported in the adjustments column may be implied by the supply and disposition balance or reported on surveys. Recall that supply at the U.S. level is equal to the sum of field production, renewable fuels and oxygenate plant net production, refinery and blender net production, imports, and adjustments. Disposition at the U.S. level is equal to the sum of stock change, refinery and blender net inputs, exports, and products supplied. At the PAD District level, supply components include net receipts equal to gross receipts from other PAD Districts minus gross shipments to other PAD Districts. In every case, supply must equal disposition. Applicable components of supply and disposition vary depending on the product or product group. Unless otherwise noted in Section 2C, adjustment calculations that balance supply and disposition equal disposition minus supply for the U.S. and for each PAD District. EIA discontinued reporting adjustment quantities for non-fuel ethanol biofuels and distillate fuel oil beginning with data for January 2021.

## (2.) Disposition

a. Stock Change – Stock Change is calculated as the difference between the current month Ending Stocks column and the Ending Stocks column in the prior month’s publication. A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

b. Refinery and Blender Net Inputs – Refinery and Blender Net Inputs are inputs of crude oil and intermediate materials (unfinished oils, motor and aviation gasoline blending components, hydrocarbon gas liquids, hydrogen, renewable fuels, and other hydrocarbons) processed at refineries or blended at terminals to produce finished petroleum products.

Crude oil input represents total crude oil (domestic and foreign) input to atmospheric crude oil distillation units and other refinery processing units (e.g. vacuum distillation units).

Refinery and blender input of natural gas liquids equal gross input of natural gas liquids received from natural gas plants for blending and processing.

Inputs of unfinished oils, motor gasoline blending components, and aviation gasoline blending components are published on a net basis (i.e., refinery and blender input minus refinery and blender production). Negative inputs of unfinished oils and motor and aviation gasoline blending components will occur when the amount of a product produced during the month is greater than the amount of that same product that is input or reclassified to become another product during the same month.

c. Exports - Exports include shipments from the 50 States and the District of Columbia to Puerto Rico, the Virgin Islands, other U.S. possessions and territories and to foreign countries.

d. Products Supplied - Products supplied is a calculated measure of demand equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, (plus net receipts when calculated by PADD), plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

Product supplied values indicate quantities of petroleum products supplied for domestic consumption. Occasionally, the result for a product is negative because total disposition of the product exceeds total supply. Negative product supplied may occur for a number of reasons: (1) product reclassification has not been reported; (2) data were misreported or reported late; (3) in the case of calculations on a PADD basis, the figure for net receipts was inaccurate because the coverage of inter-PADD movements was incomplete; and (4) products such as gasoline blending components and unfinished oils have entered the primary supply channels with their production not having been reported (e.g. unfinished oils received at refineries for processing from petrochemical plants).

EIA reported crude oil burned as fuel on leases and by pipelines as either distillate or residual fuel oil product supplied prior to January 1983. EIA reported crude oil product supplied equal to crude oil used directly as reported on Form EIA-813 "Monthly Crude Oil Report" from January 1983 through December 2009. EIA discontinued reporting crude oil used directly on Form EIA-813 after December 2009.

### (3.) Ending Stocks

Crude oil that is in-transit by water from Alaska and crude oil stored in the Strategic Petroleum Reserve is included. Primary Stocks exclude stocks of foreign origin that are held in bonded warehouse storage. Primary stocks of petroleum products also exclude secondary stocks held by dealers and jobbers and tertiary stocks held by consumers. Product stocks held as reserves by federal and state agencies are excluded from primary stock quantities reported by EIA, but quantities held in selected government reserves are provided in Appendix D.

Primary stocks of crude oil included barrels held on crude oil producing sites (lease stocks) until June 2016. Primary stocks of crude oil excluded lease stocks beginning with release of PSM data for July 2016 on September 30, 2016. Historical crude oil stocks in on eia.gov were revised beginning with data for January 2005 to exclude lease stocks. Data may be accessed from the following locations on the EIA web site.

[http://www.eia.gov/dnav/pet/pet\\_sum\\_snd\\_d\\_nus\\_mdbl\\_m\\_cur.htm](http://www.eia.gov/dnav/pet/pet_sum_snd_d_nus_mdbl_m_cur.htm)

[http://www.eia.gov/dnav/pet/pet\\_sum\\_crdsnd\\_k\\_m.htm](http://www.eia.gov/dnav/pet/pet_sum_crdsnd_k_m.htm)

[http://www.eia.gov/dnav/pet/pet\\_stoc\\_typ\\_c\\_nus\\_EPC0\\_mdbl\\_m.htm](http://www.eia.gov/dnav/pet/pet_stoc_typ_c_nus_EPC0_mdbl_m.htm)

## 2. Components - Forms Discussions

The data presented in the *PSM* include data collected by the EIA on nine monthly petroleum supply surveys, export data obtained from the U. S. Bureau of the Census, and crude production data collected on Form EIA-914 as well as production data from State conservation agencies and the Minerals Management Service of the U. S. Department of Interior.

### A. Petroleum Supply Reporting System

The nine monthly petroleum supply surveys are part of the Petroleum Supply Reporting System (PSRS). The PSRS tracks the supply and disposition of crude oil, petroleum products, and hydrocarbon gas liquids in the United States. The PSRS is organized into two data collection subsystems: the Weekly Petroleum Supply Reporting System (WPSRS) and the Monthly Petroleum Supply Reporting System (MPSRS). The WPSRS processes the data from the six weekly surveys. The MPSRS includes eight monthly surveys and one annual survey. The survey forms that comprise the PSRS are:

1. EIA-800, "Weekly Refinery and Fractionator Report,"
2. EIA-802, "Weekly Product Pipeline Report,"
3. EIA-803, "Weekly Crude Oil Stocks Report,"
4. EIA-804, "Weekly Imports Report,"
5. EIA-805, "Weekly Bulk Terminal Report,"
6. EIA-809, "Weekly Oxygenate Report,"
7. EIA-22M, "Monthly Biodiesel Production Survey," (discontinued effective with data for October 2020)
8. EIA-810, "Monthly Refinery Report,"
9. EIA-812, "Monthly Product Pipeline Report,"
10. EIA-813, "Monthly Crude Oil Report,"
11. EIA-814, "Monthly Imports Report,"
12. EIA-815, "Monthly Bulk Terminal Report."
13. EIA-816, "Monthly Natural Gas Liquids Report"

14. EIA-817, “Monthly Tanker and Barge Movement Report”
15. EIA-819, “Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene” (formerly “Monthly Oxygenate Report”)
16. EIA-820, “Annual Refinery Report.”

EIA administers weekly and monthly surveys at six key points along the petroleum and biofuel supply chain including refineries, fractionators, natural gas processing plants, bulk product storage and blending terminals, crude oil and product pipelines, crude oil stock holders, importers, and plants producing biofuels and fuel oxygenates. EIA also collects inter-PADD movements by pipelines, tankers, and barges using monthly surveys. Weekly surveys do not capture petroleum movements. EIA selects a sample of operators reporting on monthly surveys to also report on weekly surveys.

Annual U.S. refinery capacity data are collected on the Form EIA- 820, “Annual Refinery Report.” The EIA-820 data are published in the annual “Refinery Capacity Report.”

## **B. Monthly Supply Survey Description and Methodology**

### **(1.) Description of Surveys Forms**

Copies of the survey forms and instructions can be found at:  
<https://www.eia.gov/survey/>

The Form EIA-22M “Monthly Biodiesel Production Survey” collects data on biodiesel plant location, operating status, annual production capacity, monthly biodiesel and co-product production, stocks, input of feedstocks, alcohol, and catalysts, and biodiesel sales. EIA discontinued Form EIA-22M effective with data for October 2020, and incorporated data previously collected on Form EIA-22M into Form EIA-819 “Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene.”

The Form EIA-810, “Monthly Refinery Report,” collects data on refinery input and capacity, sulfur content and API gravity of crude oil, and data on supply (beginning stocks, receipts, and production) and disposition (inputs, shipments, fuel use and losses, and ending stocks) of crude oil and refined products. Working and shell storage capacity for selected products is collected on an annual basis.

The Form EIA-812, “Monthly Product Pipeline Report,” collects data on end-of-month stocks and movements of petroleum products transported by pipeline. Intermediate movements for pipeline systems operating in more than two PAD Districts are included.

The Form EIA-813, “Monthly Crude Oil Report,” collects data on end-of-month stock levels of crude oil held in pipelines, and at tank farms operated by the reporting company, and Alaskan crude oil in transit by water. Data are reported by PADD including stocks held in the 50 states and the District of Columbia. In addition to stocks, EIA uses Form EIA-813 to collect inter-PADD movements of crude oil by pipeline. EIA collects movements for shipping and receiving PADDs with no intermediate PADD movements. EIA uses Form EIA-813 to collect annual storage capacity in data for the month of March.

The Form EIA-814, “Monthly Imports Report,” collects data on imports of crude oil and petroleum products (1) into the 50 States and the District of Columbia, (2) into Puerto Rico, the Virgin Islands, and other U.S. possessions (Guam, Midway Islands, Wake Island, American Samoa, and Northern Mariana Islands), and (3) from Puerto Rico, the Virgin Islands, and other U.S. possessions into the 50 States and the District of Columbia. Imports into Foreign Trade Zones located in the 50 States and the District of Columbia are considered imports into the 50 States and the District of Columbia. The type of commodity, port of entry, country of origin, quantity (thousand barrels), sulfur percent by weight, API gravity, and name and location of the processing or storage facility are reported. Sulfur percent by weight is requested for crude oil, crude oil burned as fuel, and residual fuel oil only. API gravity is requested for crude oil only. The name and location of the processing or storage facility is requested for crude oil and unfinished oils only.

The Form EIA-815, “Monthly Bulk Terminal Report,” collects data on the operations of all bulk terminals located in the 50 States, District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U. S. possessions. Beginning and end-of-month stocks, receipts, inputs, production, shipments, and fuel use and losses during the month are collected from operators of terminals. Working and shell storage capacity is collected on an annual basis.

The Form EIA-816, “Monthly Natural Gas Liquids Report,” collects data on the operations of natural gas processing plants and fractionators. Beginning and end-of-month stocks, receipts, inputs, production, shipments, and plant fuel use and losses during the month are collected from operators of natural gas processing plants. End-of-month stocks are collected from fractionators.

The Form EIA-817, “Monthly Tanker and Barge Movement Report,” collects data on the movements of crude oil and petroleum products between PAD Districts. Data are reported by shipping and receiving PAD District and sub-PAD District. Shipments to and from the Panama Canal are also included if the shipment was delivered to the Canal.

The Form EIA-819, “Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane and Isooctene” collects facility-level data on oxygenate inputs, production, gasoline blending at ethanol plants, and end-of-month stocks. Beginning in October 2020 it also collects facility-level data on biodiesel and renewable hydrocarbon fuels production and blending and end-of-month stocks. Plant operators report end-of-month stocks on site on a custody basis regardless of ownership as well as stocks in transit by rail, truck, and water to their plants.

## (2.) Frame

EIA maintains complete lists of respondents to its monthly surveys. Each survey has a list of companies and facilities required to submit petroleum activity data. This list is known as the survey frame. Frame maintenance procedures are used to monitor the status of petroleum companies and facilities currently contained in each survey frame as well as to identify new members to be added to the frame. As a result, all known petroleum supply organizations falling within the definition of “Who Must Submit” participate in the survey.

The activities for frames maintenance are conducted on an ongoing basis. Monthly frames maintenance procedures focus on examining industry periodicals that report changes in status (births, deaths, sales, mergers, and acquisitions) of petroleum facilities producing, transporting, importing, and/or storing crude oil and petroleum products. Augmenting these sources are articles in newspapers, notices from respondents, and information received from survey systems operated by other offices. Survey managers review these sources regularly to monitor changes in company operations and to develop lists of potential respondents. These activities assure coverage of the reporting universe and maintain accurate facility information on addresses and ownership.

Respondents to Form EIA-22M “Monthly Biodiesel Production Survey” include operators of plants that produce biodiesel meeting ASTM D 6751-07B specifications and used for commercial purposes. This survey was discontinued in October 2020 and replaced with EIA-819 “Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene.

Respondents to Form EIA-810, “Monthly Refinery Report” include operators of all operating and idle petroleum refineries located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam and other U.S. possessions.

Respondents to Form EIA-812, “Monthly Product Pipeline Report” include all product pipeline companies that carry petroleum products (including interstate, intrastate, and intra-company pipelines) in the 50 States and the District of Columbia.

Respondents to Form EIA-813, “Monthly Crude Oil Report” include all companies which carry or store 1,000 barrels or more of crude oil. Included in this survey are gathering and trunk pipeline companies (including interstate, intrastate, and intra-company pipelines), crude oil tank farm operators, and companies transporting Alaskan crude oil by water (to U.S. ports) in the 50 States and the District of Columbia.

Respondents to Form EIA-814, “Monthly Imports Report” include each importer of record (or Ultimate consignee in some situations regarding Canadian imports) that import crude oil or petroleum products (1) into the 50 States and the District of Columbia, (2) into Puerto Rico, the Virgin Islands and other U.S. possessions (Guam, Midway Islands, Wake Island, American Samoa, and Northern Mariana Islands), (3) into Foreign Trade Zones located in the 50 States and the District of Columbia and (4) from Puerto Rico, the Virgin Islands and other U.S. possessions into the 50 States and the District of Columbia. A report is required only if there has been an import during the month unless the importer has been selected as part of a sample to report every month regardless of activity.

Respondents to Form EIA-815, “Monthly Bulk Terminal Report” include operators of all bulk terminals located in the 50 States, District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U. S. possessions must report. A bulk terminal is primarily used for storage, marketing, and often blending of petroleum products and has a total bulk storage capacity of 50,000 barrels or more, and/or receives petroleum products by tanker, barge, or pipeline. Bulk terminal facilities associated with a product pipeline are included.

Respondents to Form EIA-816, “Monthly Natural Gas Liquids Report” include operators of all facilities that extract liquid hydrocarbons from a natural gas stream (natural gas processing plant) and/or separate a liquid hydrocarbon stream into its component products (fractionator).

Respondents to Form EIA-817, “Monthly Tanker and Barge Movement Report” include all companies that have custody of crude oil or petroleum products transported by tanker or barge between Petroleum Administration for Defense Districts and all companies that have custody of crude oil or petroleum products originating from a PAD District and transported to the Panama Canal with the intent that the crude oil or petroleum products be further transported to another PAD District.

For purposes of this report, custody is defined as physical possession of crude oil or petroleum products on a company- owned tanker or barge. Also, companies that lease vessels or contract for the movement of crude oil or petroleum products on a tanker or barge between

PAD Districts are considered to have custody.

Respondents to Form EIA-819, “Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene” include all operators of facilities that produce (manufacture or distill) fuel alcohol, biodiesel, renewable diesel, heating oil, jet fuel, naphtha, gasoline and other renewable fuels and feedstocks, isooctane, isooctane and fuel oxygenates other than fuel alcohol (including MTBE plants, petrochemical plants, and refineries that produce oxygenates as part of their operations located in the 50 States and the District of Columbia.)

### (3.) Collection

Survey data for the MPSRS are collected by Internet using secure file transfer, and electronic transmission. All respondents must submit their data by the 20th calendar day following the end of the report month. Receipt of the reports is monitored using an automated respondent mailing list. Telephone follow-up calls are made to nonrespondents prior to the publication deadline. Respondents who are chronically late (i.e., 3 consecutive months) are notified by EIA by certified letter.

### (4.) Processing and Micro Editing

Upon receipt, all reported data are transformed into a standard format and sent through a log-in and prescreening process to validate respondent control information and resolve any discrepancies. The data are then processed using generalized edit and imputation procedures. Automated editing procedures check current data for consistency with past data and for internal consistency (e.g., totals equal to the sums of the parts). After the edit failures are resolved and imputation performed for nonrespondents, preliminary tables are produced and used to identify anomalies. These tables show U.S. and PAD District estimates for the current month and the prior 4 years. Anomalies result in further review of respondent data which in turn may result in additional flagged data and imputation.

### (5.) Estimation and Imputation

The nine monthly supply surveys are census surveys. As such, the estimates using these data are the sum of the edited, reported data. Where possible, EIA uses imputed values to account for activity when a company fails to file. Depending on the survey, imputed values may be estimates based on weekly reports, estimates equal to prior-month reported quantities, or estimates based on non-survey data (e.g. imports quantities may be imputed using data provided to EIA by U.S. Customs and Border Protection). Imputation normally accounts for very small quantities in published totals because response rates to monthly surveys tend to be very high, typically exceeding 97 percent calculated as total reports received divided by total reports expected.

Adjustments are made to aggregate data from time to time. For example, unusual industry conditions, including fuel transitions, business practice shifts, or hurricane dislocations, may generate reporting anomalies and require adjustments. Measurement error and frame deficiencies may occasionally result in inconsistencies when individual respondent data are aggregated to publication levels and require adjustment. Monthly supply data are reviewed throughout the year and some estimates may be replaced with newly available or resubmitted respondent data in the Petroleum Supply Annual (PSA).

### (6.) Macro Editing

EIA compares data reported by individual companies and plants on monthly and weekly surveys. EIA uses these comparisons to identify cases where reporting companies responded differently to the same or similar questions on weekly and monthly surveys and then works with reporting companies to identify and address inconsistent or erroneous reporting on surveys. EIA also compares aggregate and other data with external sources in order to identify and correct potential errors in reporting or survey methodology. EIA makes additional comparisons of survey data with model results. EIA may use imputation to correct known and/or suspected errors in data reported in the Petroleum Supply Monthly and Petroleum Supply Annual.

### (7.) Dissemination

In most cases, EIA releases PSM data within 60 days of the close of the reference month. The PSM is available on the web at:

<http://www.eia.gov/petroleum/supply/monthly/>

Much of the PSM data are available in HTML format on eia.gov. Features include: downloadable spreadsheets containing complete data history, data tables which “pivot” to present different perspectives, and selection boxes to easily change the product, area, process, period, and unit of measure. Petroleum data can be accessed at: <http://www.eia.gov/petroleum/data.cfm>

## C. Derived Data

Due to the time constraints in publishing monthly petroleum supply statistics and the desire to reduce industry response burden, some of the statistics published in the PSM are obtained from sources other than the monthly supply surveys. These other sources include models to data and data from supplemental sources such as the Bureau of the Census.

### (1.) Domestic Crude Oil Production

The interim estimate of U.S., PAD District, and state oil production for the current reference month, published in Tables 1 through 26 of the PSM, are based on:

- (a.) crude oil production data from state government agencies and the Department of the Interior, Bureau of Safety and Environmental Enforcement;
- (b.) crude oil production data reported on Form EIA-914, “Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report.” For some states, EIA uses current reported data from the state (chiefly Alaska). For the states of Arkansas, California, Colorado, Kansas, Louisiana, Montana, New Mexico, North Dakota, Ohio, Oklahoma, Pennsylvania, Texas, Utah, West Virginia, Wyoming, and the Federal Gulf of Mexico, EIA calculates an estimate by modeling the relationship between final state-level data from DrillingInfo, a third-party vendor of well-level data collected by state agencies, and data reported on the EIA-914 survey using weighted least squares (WLS) linear regression. Additional explanation of the WLS estimation methodology is available. Estimates have to be made for crude oil production because complete and correct data from states may take from several months to over two years.
- (c.) first purchase data reported on Form EIA-182 “Domestic Crude Oil First Purchase Report.” For the remaining states and areas (Alabama, Arizona, Federal Pacific Offshore, Florida, Idaho, Illinois, Indiana, Kentucky, Maryland, Michigan, Mississippi, Missouri, Nebraska, Nevada, New York, Oregon, South Dakota, Tennessee, and Virginia) EIA calculates an estimate by using the average lagged ratio (ALR) of the state reported data to EIA-182 data, applied to the current EIA-182 data. Additional explanation of the ALR estimation methodology is available.

State-level production estimates are published in Table 26, “Production of Crude Oil by PAD District and State.” Table 26 contains estimates for crude oil production for state and federal offshore areas reported by state agencies and the Bureau of Safety and Environmental Enforcement or estimated by EIA using the ALR or WLS methods discussed above. Every month, the monthly crude oil production estimates are updated in Table 26 of the Petroleum Supply Monthly ([http:// www.eia.gov/petroleum/supply/monthly/](http://www.eia.gov/petroleum/supply/monthly/)) using reports from state agencies and the Bureau of Safety and Environmental Enforcement. The estimates are reported in the Petroleum Supply Monthly roughly 60 days after the production month.

### (2.) Exports

The U.S. Bureau of the Census compiles the official U.S. export statistics. Exporters are required to file a “Shipper’s Export Declaration Document” with the U.S. Census Bureau. Each month the EIA receives aggregated export statistics from the U.S. Bureau of the Census (EM-522 and EM-594). Census export statistics used in the PSM reflect both government and non-governmental exports of domestic and foreign merchandise from the United States (the 50 States and the District of Columbia) to foreign countries and U.S. possessions, without regard to whether or not the exportation involves a commercial transaction. The following types of transactions are excluded from the statistics:

- Merchandise shipped in transit through the United States from one foreign country to another, when documented as such with U.S. Customs.
- Bunker fuels and other supplies and equipment for use on departing vessels, planes, or other carriers engaged in foreign trade.

The country of destination is defined as the country of ultimate destination or the country where the goods are to be consumed, further processed, or manufactured, as known to the shipper at the time of exportation. If the shipper does not know the country of ultimate destination, the shipment is credited to the last country to which the shipper knows that the merchandise will be shipped in the same form as it was when exported.

### (3.) Movements of crude oil and select products by railroad

The volume of crude oil, ethanol, biodiesel, propane, propylene, normal butane, isobutane, petroleum coke, and asphalt moving by

railroad is calculated using several data sources including Carload Waybill Sample (CWS) data from the U.S. Surface Transportation Board (STB), data from the National Energy Board of Canada (NEB), data in EIA's Oil and Gas Supply Module (OGSM) within the National Energy Modeling system (NEMS) for data prior to 2015, the EIA-914 survey starting in January 2015, and an estimation procedure developed by EIA for months in which these data are not available.

Additional data from the NEB, OGSM, and the EIA-914 are used for estimating factors for converting carloads to barrels of crude oil. Carloads of ethanol, biodiesel, propane, propylene, normal butane, isobutane, petroleum coke, and asphalt are converted to barrels using data from the CWS.

The most current monthly STB waybill sample may not be received with sufficient lead time to be processed and included in the PSM publication. Further, STB aggregates and provides waybills based on the accounting period, while EIA is interested in the waybill date, which can differ by several months from the accounting period. In addition, waybills from non-Class I railroads might only be included in the sample for the last month of a calendar quarter. As a result, EIA may estimate anywhere from one to three months of rail movements, relying on historical averages or near-month model estimates for those months to be published in the PSM for which incomplete or no STB data are available.

Estimates of rail movements are subject to revision on a monthly basis as new, more complete, and more accurate data become available. Monthly revisions will typically affect data available on the EIA web site for the current year and up to two prior years. To the extent that revisions are needed to data more than 2 years in the past, these revisions will be made once a year at the time when Petroleum data html tables are updated with final data for a year from the Petroleum Supply Annual. Petroleum Supply Monthly and Petroleum Supply Annual tables released as PDF files will not be revised.

#### (4.) Stocks of Crude Oil held on Producing Sites (Lease Stocks)

The adjustment for lease stocks was discontinued beginning with PSM data for July 2016 released on September 30, 2016 because EIA discontinued reporting crude oil stocks held on producing sites (lease stocks). The lease stock adjustment remains in all historical EIA lease stocks data.

This adjustment corrects for incomplete survey coverage of companies that store crude oil on leases. Up until 1983, monthly state government data on lease stocks were substituted for EIA data wherever possible in order to rectify the understatement of lease crude oil stocks. State data were available from three states - Texas, New Mexico, and Montana. To calculate the "lease adjustment," a comparison between EIA reported data and the state government data was made and the difference added to the EIA data for the respective states.

In 1983, the EIA modified the Form EIA-813 to eliminate state data on crude oil stocks and began collecting crude oil stock data by Petroleum Administration for Defense (PAD) District. With this change, the "lease adjustment" could no longer be calculated on a state basis and was changed to a PAD District level. To adjust for this incomplete coverage, 10,300 thousand barrels of crude oil are added to PAD District 3 stocks and 330 thousand barrels are added to PAD District 4 stocks.

#### (5.) Trans-Alaska Pipeline System (TAPS) Natural Gas Plant Liquids (NGPL) Adjustment

The TAPS-NGPL adjustment corrects for overstatement of crude oil receipts and input at refineries due to NGPL injection into Alaskan crude oil transported in TAPS. Natural gas processing plants in Alaska produce substantial volumes of NGPL that are added to crude oil transported through TAPS. Refiners have been unable to separate the volume of NGPL from Alaskan crude oil when reporting crude oil receipts and inputs to EIA. The TAPS-NGPL adjustment subtracts Alaskan NGPL production reported by selected gas processing plant operators from crude oil receipts and inputs reported by refiners. Adjusted NGPL production is added to refinery receipts and inputs of NGPL. The adjusted NGPL barrels are allocated to PAD Districts based on the regional distribution of receipts of Alaskan crude oil. Data most affected by the TAPS- NGPL adjustment are receipts and inputs of crude oil in PAD District 5 and receipts, inputs, and product supplied of butane and natural gasoline also in PAD District 5.

NGPL injections into crude oil transported in the TAPS started in 1987. The TAPS-NGPL adjustment was first applied to revised data reported in the Petroleum Supply Annual (PSA) for 1988.

#### (6.) Finished Motor Gasoline Adjustment

Adjustment quantities for finished motor gasoline are the sum of motor gasoline blending components, fuel ethanol, and methyl tertiary butyl ether (MTBE) adjustments reclassified to finished motor gasoline. Finished motor gasoline adjustment quantities are assumed to reflect gasoline blending activity that was not reported on surveys.

**Note on MTBE Adjustment:** The MTBE portion of the gasoline adjustment described in this section was only applied to Petroleum Supply Monthly (PSM) data for 2009. The MTBE portion of the gasoline adjustment was discontinued after further examination

of the issue made clear the MTBE adjustment was not helpful in forming an accurate statistical representation of U.S. and regional gasoline supplies. The MTBE adjustment was not applied to gasoline supply and disposition data in years prior to 2009, nor was it applied to revised data for 2009 published in the Petroleum Supply Annual or in years after 2009. This note only applies to MTBE adjustments. MTBE blending that was reported on EIA surveys is reflected in U.S. and regional gasoline supply and disposition data. Other adjustments to gasoline supply and disposition data to account for motor gasoline blending components and fuel ethanol remain as described in this section.

- Adjustment quantities for finished reformulated motor gasoline include adjustments for reformulated blendstock for oxygenate blending (RBOB) plus a percentage of gasoline treated as blendstock (GTAB), “other” motor gasoline blending components, fuel ethanol, and MTBE. The quantity of GTAB and “other” motor gasoline blending components adjustments reclassified to finished reformulated motor gasoline is based on the ratio of finished reformulated motor gasoline net production divided by total finished motor gasoline net production reported on surveys by refiners and blenders in each PAD District. Motor gasoline blending components adjustments reclassified to finished reformulated motor gasoline are further classified as blended with alcohol (i.e. fuel ethanol), blended with ether (i.e. MTBE), or non-oxygenated during 2009.

Starting with data for January 2010, motor gasoline blending component adjustment quantities were classified only as blended with fuel ethanol and “other”. During 2009, RBOB adjustment quantities were classified based on the product description that included reference to the oxygenate to be blended. Beginning with data for January 2010, all RBOB is reported in one product category without reference to specific oxygenates, and all RBOB adjustment quantities are assumed blended with fuel ethanol. During 2009, adjustment quantities for GTAB and “other” motor gasoline blending components reclassified to finished reformulated gasoline were further classified as blended with ether, blended with alcohol, or non-oxygenated based on the ratio of production of these products in reported survey data. After determining adjustment quantities of motor gasoline blending components reclassified to each type of finished reformulated motor gasoline, portions of the fuel ethanol and MTBE adjustments were reclassified to reformulated motor gasoline. The fuel ethanol quantity reclassified to finished reformulated motor gasoline was determined using the ratio of fuel ethanol blended into finished motor gasoline calculated from fuel ethanol blending data reported on survey forms by PAD District. For example, if the calculated volumetric fuel ethanol blend ratio was 10%, then a quantity of the fuel ethanol adjustment sufficient to make a 10% blend with the available motor gasoline blending components is reclassified to finished reformulated motor gasoline, but the quantity of fuel ethanol cannot exceed the total quantity of the fuel ethanol adjustment. During 2009, a similar process was followed for allocating the MTBE adjustment to reformulated motor gasoline except the blend ratio was assumed to be 12% in all PAD Districts. Starting with data for January 2010, the entire MTBE adjustment quantity is assumed to be blended with finished conventional motor gasoline.

- Adjustment quantities for finished conventional motor gasoline include adjustments for conventional blendstock for oxygenate blending (CBOB) plus the portion of GTAB, “other” motor gasoline blending components, fuel ethanol and MTBE adjustments that were not reclassified to finished reformulated motor gasoline. The total adjustment to finished conventional motor gasoline is further classified as finished conventional gasoline blended with fuel ethanol and “other” finished conventional motor gasoline. The quantity of the finished conventional motor gasoline adjustment reclassified as finished conventional motor gasoline blended with fuel ethanol is determined using the quantity of the fuel ethanol adjustment allocated to finished conventional motor gasoline and the fuel ethanol blend ratio calculated from fuel ethanol blending reported on surveys by PAD District. For example, if the fuel ethanol blend ratio calculated from survey data was 10% in a PAD District, then the total adjustment quantity of finished conventional motor gasoline in that PAD District would be 10 times the fuel ethanol adjustment quantity allocated to finished conventional gasoline (i.e. the adjustment to finished conventional motor gasoline blended with fuel ethanol includes 10% fuel ethanol and 90% gasoline from the motor gasoline blending components adjustment). The MTBE adjustment allocated to finished conventional motor gasoline is simply added to the adjustment for “other” finished conventional motor gasoline.

- Fuel ethanol adjustment quantities frequently exceed the volume of fuel ethanol needed to achieve a blend ratio implied by blending activity reported by refiners and blenders on surveys when considering only the gasoline barrels available from the motor gasoline blending components adjustment. In this case, “other” finished conventional motor gasoline is reclassified by the adjustment to finished conventional motor gasoline blended with alcohol in order to maintain an ethanol blend ratio equal to the fuel ethanol blend ratio reported by refiners and blenders in each PAD District.

## (7.) Motor Gasoline Blending Components Adjustment

Adjustment quantities for motor gasoline blending components at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of imports and renewable fuels and oxygenate plant net production (i.e. motor gasoline blending components use as denaturant for fuel ethanol production). Adjustment quantities by PAD District equal the sum of stock change, refinery and blender net input, and exports minus the sum of imports, renewable fuels and oxygenate plant net production, and net

receipts. Motor gasoline blending components adjustments are calculated for reformulated blendstock for oxygenate blending (RBOB), conventional blendstock for oxygenate blending (CBOB), gasoline treated as blendstock (GTAB), and “other” motor gasoline blending components. Product supplied for motor gasoline blending components is assumed to always equal zero because there is no end-user demand for motor gasoline blending components as anything other than finished motor gasoline. Motor gasoline blending components adjustment quantities are assumed to reflect finished motor gasoline blending implied by the supply and disposition balance but not reported on surveys. Adjustment quantities for motor gasoline blending components are reclassified to finished motor gasoline and added to the finished motor gasoline adjustment.

#### (8.) Renewable Fuels including Fuel Ethanol Adjustment

For data prior to January 2021, adjustment quantities for renewable fuels (including fuel ethanol) at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. Calculation of adjustment quantities by PADD depend on the product. Individual products include fuel ethanol, biomass based diesel fuel (including biodiesel), “other” renewable diesel fuel, and “other” renewable fuels (e.g. bio-jet fuel). Product supplied for renewable fuels (including fuel ethanol) is assumed equal to zero. Adjustments for fuel ethanol and “other” renewable fuels are discussed separately below. Beginning with data for January 2021, EIA discontinued calculating adjustment quantities for biomass based diesel fuel (including biodiesel), “other” renewable diesel fuel, and “other” renewable fuels (e.g. bio-jet fuel). EIA now includes these adjustment quantities as product supplied.

- Fuel ethanol adjustment quantities at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. Adjustment quantities by PAD District equal the sum of stock change, refinery and blender net input, and exports minus the sum of imports, renewable fuels and oxygenate plant net production, and net receipts. Fuel ethanol adjustment quantities are assumed to reflect blending of fuel ethanol into finished motor gasoline that is implied by the available supply of fuel ethanol but not reported on surveys. Fuel ethanol adjustment volumes are reclassified to finished reformulated motor gasoline and finished conventional motor gasoline through finished motor gasoline adjustments.
- The product category called “renewable fuels except fuel ethanol” includes biomass-based diesel fuel (including biodiesel), “other” renewable diesel fuel, and “other” renewable fuels (e.g. bio-jet fuel). For PSM data prior to January 2012, EIA calculated adjustment quantities for renewable fuels except fuel ethanol at the U.S. and PADD levels equal to the sum of stock change, refinery and blender net input, and exports minus imports. Data for production of Renewable Fuels except Fuel Ethanol was unavailable and was excluded from Renewable Fuels and Oxygenate Plant Net Production. Therefore the calculation of adjustments to Renewable Fuels except Fuel Ethanol caused production to be included in the adjustment. Similarly, the calculation caused net inter-PADD movements (i.e. net receipts) by rail and truck to also be included in adjustments to renewable fuels except fuel ethanol.

Beginning with PSM data for January 2012, and PSA data for 2011 through December, 2020 production of biodiesel reported on Form EIA-22M was included under the heading of “renewable fuels and oxygenate plant net production” in petroleum supply and disposition balances for “renewable fuels except fuel ethanol”. As a result, the adjustment for “renewable fuels except fuel ethanol” excludes production of biodiesel beginning with data for January 2012. Beginning with data for January 2010 EIA included rail movements of biodiesel in inter-PADD movements, and so rail movements were excluded from adjustment quantities.

- For data prior to January 2021, biodiesel adjustment quantities at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. Adjustment quantities by PADD equal the sum of stock change, refinery and blender net input, and exports minus the sum of imports, renewable fuels and oxygenate plant net production, and net receipts. Biodiesel adjustment quantities are assumed to reflect blending of biodiesel into distillate fuel oil that is implied by the available supply of biodiesel but not reported as input on surveys. Biodiesel adjustment volumes are reclassified to distillate fuel oil (15 ppm sulfur and under) through distillate fuel oil adjustments. EIA discontinued calculating biodiesel and distillate fuel oil adjustment quantities beginning with data for January 2021. EIA now includes barrels of biodiesel formerly reported in adjustment quantities as product supplied of renewable fuels except fuel ethanol.

Beginning with PSM data for January 2021, EIA included production of renewable diesel, heating oil, jet fuel, naphtha, gasoline, and other renewable fuels and feedstocks reported on Form EIA-819 under the heading of “renewable fuels and oxygenate plant net production” in petroleum supply and disposition balances for “renewable fuels except fuel ethanol”. EIA now reports barrels formerly included in adjustment quantities as product supplied.

### (9.) Distillate Fuel Oil Adjustment

Adjustment quantities for distillate fuel oil show reclassification by pipeline operators of distillate fuel oil with sulfur content of 15 ppm and under to distillate fuel oil with sulfur content greater than 15 ppm to 500 ppm (inclusive). Reclassification may occur when distillate product with sulfur content of 15 ppm and under becomes mixed with products having higher sulfur content during pipeline transportation, storage, or handling. Adjustment quantities are reported by pipeline operators on Form EIA-812 “Monthly Product Pipeline Report.” This adjustment was discontinued after publication of data for December 2010.

For PSM data from January 2012 and PSA data from January 2011 through December 2020, EIA calculated distillate fuel oil adjustments equal to the opposite of biodiesel adjustment quantities described above in section 8. EIA added biodiesel adjustment quantities to supply of distillate fuel oil (15 ppm sulfur and under) and total distillate fuel oil. EIA assumed that distillate fuel oil adjustment quantities reflected biodiesel blending activity implied by biodiesel supply and disposition but not reported on surveys. Beginning with data for January 2021, EIA discontinued calculating and reporting distillate fuel oil adjustment quantities.

### (10.) Crude Oil Adjustment

Adjustment quantities for crude oil are derived to balance crude oil supply and disposition. Crude oil product supplied was equal to crude oil used directly as reported on Form EIA-813 “Monthly Crude Oil Report” in data through December 2009. Reporting crude oil used directly was discontinued on Form EIA-813 after collection of data for December 2009. Crude oil product supplied is assumed equal to zero beginning with data for January 2010. Undercounting crude oil imports in survey data is one example of a typical cause of crude oil adjustments. This results in a positive crude oil adjustment because crude oil disposition (i.e. the sum of stock change, refiner inputs, and exports) will exceed available supply (i.e. the sum of field production and imports) due to import undercounting. Crude oil losses are included in crude oil adjustment quantities. The crude oil adjustment was formerly called unaccounted-for crude oil. The name change was effective with data for January 2005.

### (11.) Other Hydrocarbon Adjustment

Adjustment quantities for “other” hydrocarbons equal the sum of stock change, refinery and blender net inputs and exports minus imports. “Other” hydrocarbons product supplied is assumed equal to zero. Adjustment quantities account for “other” hydrocarbons produced outside of refineries. There are no movements data collected on surveys for “other” hydrocarbons. Therefore, adjustment quantities include any net receipts of “other” hydrocarbons resulting from inter-PAD District movements.

### (12.) Hydrogen Adjustment

Adjustment quantities for hydrogen equal refinery and blender net input of hydrogen. Hydrogen product supplied is assumed equal to zero. Adjustment quantities account for hydrogen supplied to U.S. refineries from non-refinery sources. There are no movements data collected on surveys for hydrogen. Therefore, adjustment quantities at the PAD District level include any net receipts of hydrogen resulting from inter-PAD District movements.

### (13.) Oxygenates (excluding fuel ethanol) Adjustment

Adjustment quantities for oxygenates (excluding fuel ethanol) equal the sum of stock change, refinery and blender net inputs, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. Product supplied for oxygenates (excluding fuel ethanol) is assumed equal to zero. Methyl tertiary butyl ether (MTBE) is the single largest component of oxygenates (excluding fuel ethanol). Beginning with PSA data for 2019, EIA excluded oxygenates supply and disposition from U.S. and regional balance tables.

## 3. Quality

### A. General Discussion

#### (1.) Response Rates

The response rate is generally 98 to 100 percent. Average response rates for the monthly and weekly surveys are published in the annual PSM article “Accuracy of Petroleum Supply Data.” Chronic nonrespondents and late filing respondents are contacted in writing and reminded of their requirement to report. Companies that file late or fail to file are subject to criminal fines, civil penalties, and other sanctions as provided by Section 13(i) of the Federal Energy Administration (FEA) Act.

#### (2.) Non-sampling Errors

There are two types of errors usually associated with data produced from a survey; sampling errors and nonsampling errors. Because the estimates for the monthly surveys are based on a complete census of the frame, there is no sampling error in the data presented. The data, however, are subject to non-sampling errors. Non-sampling errors may arise from a number of sources including: (1) the inability

to obtain data from all companies in the frame (non-response) and the method used to account for non-response, (2) response errors, (3) differences in the interpretation of questions or definitions, (4) mistakes in recording or coding of the data obtained from respondents, and (5) other errors of collection, response, coverage, processing, and estimation.

### (3.) Resubmissions

Throughout the year, EIA accepts data revisions of monthly data. If a revision to a monthly submission is made after the *PSM* has been published, it is referred to as a resubmission. The final monthly values for the previous year are published in the *PSA*. These values reflect all *PSM* resubmissions and other data corrections. The values contained in the *PSA* are EIA's most accurate measure of petroleum supply activity.

### (4.) Revision Policy

EIA will publish revised monthly crude oil production estimates going back to the previously published Petroleum Supply Annual every month in petroleum data tables ([http:// www.eia.gov/petroleum/supply/monthly/](http://www.eia.gov/petroleum/supply/monthly/)). Once a year with the release of the Petroleum Supply Annual, EIA will revise up to 10 years of historical production estimates in petroleum data tables.

## **B. Data Assessment**

The principal objective of the PSRS is to provide an accurate picture of petroleum industry activities and of the availability of petroleum products nationwide from primary distribution channels. The *PSM* preliminary monthly data serve as leading indicators of the final monthly data published in the *PSA*. The *PSM* monthly data are not expected to have the same level of accuracy as the final monthly data published in the *PSA*. However, the preliminary monthly data are expected to exhibit like trends and product flow characteristic of the final monthly data.

To assess the accuracy of monthly statistics, initial monthly estimates published in the *PSM* are compared with the final monthly aggregates published in the *PSA*. Although final monthly data are still subject to error, they have been thoroughly reviewed and edited, they reflect all revisions made during the year, and they are considered to be the most accurate data available. The mean absolute percent error provides a measure of the average revisions relative to the aggregates being measured for a variable. The mean absolute percent error for 2007 monthly data was less than 1 percent for 50 of the 66 major petroleum variables analyzed.

## **4. Provisions Regarding Disclosure of Information**

All PSRS survey forms, with the exception of the Form EIA-814, "Monthly Imports Report," have the same general disclosure information statement. The information reported on Form EIA-814 will be considered "public information" and may be publicly released in company or individually identifiable form, and will not be protected from disclosure in identifiable form. In addition, biofuel production capacity data reported on Form EIA-819 and Form EIA-22M will be released in company identifiable form. Refinery distillation capacity collected on Form EIA-810 also may be released in company identifiable form. EIA releases annual refinery input and production capacities in company identifiable form each year in the Annual Refinery Capacity Report.

Except as described above, information reported on Forms EIA-810 through 813, 815 through 817, 819, 820, and 22M will be protected and not disclosed to the public to the extent that it satisfies the criteria for exemption under the Freedom of Information Act (FOIA), 5 U.S.C. §552, the Department of Energy (DOE) regulations, 10 C.F.R. §1004.11, implementing the FOIA, and the Trade Secrets Act, 18 U.S.C. §1905. The Federal Energy Administration Act requires the EIA to provide company-specific data to other Federal agencies when requested for official use. The information reported on this form may also be made available, upon request, to another DOE component; to any Committee of Congress, the Government Accountability Office, or other Federal agencies authorized by law to receive such information. A court of competent jurisdiction may obtain this information in response to an order. The information may be used for any nonstatistical purposes such as administrative, regulatory, law enforcement, or adjudicatory purposes.

Disclosure limitation procedures are not applied to the statistical data aggregated and published from these survey's information. Thus, there may be some statistics that are based on data from fewer than three respondents, or that are dominated by data from one or two large respondents. In these cases, it may be possible for a knowledgeable person to estimate the information reported by a specific respondent.

In addition to the use of the information by EIA for statistical purposes, the information may be made available, upon request, to other Federal agencies authorized by law to receive such information for any nonstatistical purposes such as administrative, regulatory, law enforcement, or adjudicatory purposes.

Company specific data are also provided to other DOE offices for the purpose of examining specific petroleum operations in the context of emergency response planning and actual emergencies.

## Appendix D

### Northeast Reserves

Reserves inventories are not considered to be in the commercial sector and are excluded from EIA's commercial motor gasoline and distillate fuel oil supply and disposition statistics, such as those reported in the *Weekly Petroleum Status Report*, *Petroleum Supply Monthly*, and *This Week In Petroleum*.

#### Northeast Home Heating Oil Reserve classified as ultra-low sulfur distillate (15 parts per million)

Terminal Operator	Location	Thousand Barrels
Buckeye Partners LP	Port Reading, NJ	300
Buckeye Partners LP	Groton, CT	300
Global Companies LLC	Revere, MA	400

Source: U. S. Energy Information Administration

#### Northeast Regional Refined Petroleum Product Reserve motor gasoline products

Terminal Operator	Location	Thousand Barrels
Kinder Morgan Liq Terminals LLC	Carteret, NJ	200
Buckeye Terminals LLC	Port Reading, NJ	0
Buckeye Terminals LLC	Raritan Bay, NJ	500
Global Companies LLC	Revere, MA	200
South Portland Terminal LLC	South Portland, ME	99

Source: U. S. Energy Information Administration

Other reserves information from the U.S. Department of Energy, Office of Petroleum Reserves can be found at <http://energy.gov/fe/services/petroleum-reserves/>

### State of New York's Strategic Fuels Reserve Program

State reserve inventories are also not considered to be in the commercial sector and are excluded from EIA's commercial inventories and are excluded from supply and disposition statistics, such as those reported in the *Weekly Petroleum Status Report*, *Petroleum Supply Monthly*, and *This Week In Petroleum*.

Product	Location	Thousand Barrels
Motor Gasoline Blending Components	NY	83
Fuel Ethanol	NY	9
Distillate Fuel Oil, 15 ppm Sulfur and Under	NY	34

Source: New York State Energy Research & Development Authority

# Definitions of Petroleum Products and Other Terms

(Revised August 2020)

**Alcohol.** The family name of a group of organic chemical compounds composed of carbon, hydrogen, and oxygen. The series of molecules vary in chain length and are composed of a hydrocarbon plus a hydroxyl group;  $\text{CH}_3\text{-(CH}_2\text{)}_n\text{-OH}$  (e.g., methanol, ethanol, and tertiary butyl alcohol).

**Alkylate.** The product of an alkylation reaction. It usually refers to the high octane product from alkylation units. This alkylate is used in blending high octane gasoline.

**Alkylation.** A refining process for chemically combining isobutane with olefin hydrocarbons (e.g., propylene, butylene) through the control of temperature and pressure in the presence of an acid catalyst, usually sulfuric acid or hydrofluoric acid. The product, alkylate, an isoparaffin, has high octane value and is blended with motor and aviation gasoline to improve the antiknock value of the fuel.

**All Other Motor Gasoline Blending Components. See Motor Gasoline Blending Components.**

**API Gravity.** An arbitrary scale expressing the gravity or density of liquid petroleum products. The measuring scale is calibrated in terms of degrees API; it may be calculated in terms of the following formula:

$$\text{Degrees API} = \frac{141.5}{\text{sp. gr. @ } 60^\circ \text{ F}} - 131.5$$

The higher the API gravity, the lighter the compound. Light crudes generally exceed 38 degrees API and heavy crudes are commonly labeled as all crudes with an API gravity of 22 degrees or below. Intermediate crudes fall in the range of 22 degrees to 38 degrees API gravity.

**Aromatics.** Hydrocarbons characterized by unsaturated ring structures of carbon atoms. Commercial petroleum aromatics are benzene, toluene, and xylene (BTX).

**Asphalt.** A dark-brown-to-black cement-like material containing bitumens as the predominant constituent obtained by petroleum processing; used primarily for road construction. It includes crude asphalt as well as the following finished products: cements, fluxes, the asphalt content of emulsions (exclusive of water), and petroleum distillates blended with asphalt to make cutback asphalts. Note: The conversion factor for asphalt is 5.5 barrels per short ton.

**ASTM.** The acronym for the American Society for Testing and Materials.

**Atmospheric Crude Oil Distillation.** The refining process of separating crude oil components at atmospheric pressure by heating to temperatures of about 600 degrees Fahrenheit to 750 degrees Fahrenheit (depending on the nature of the crude oil and desired products) and subsequent condensing of the fractions by cooling.

**Aviation Gasoline (Finished).** A complex mixture of relatively volatile hydrocarbons with or without small quantities of additives, blended to form a fuel suitable for use in aviation reciprocating

engines. Fuel specifications are provided in ASTM Specification D 910 and Military Specification MIL-G-5572. Note: Data on blending components are not counted in data on finished aviation gasoline.

**Aviation Gasoline Blending Components.** Naphthas which will be used for blending or compounding into finished aviation gasoline (e.g., straight-run gasoline, alkylate, reformat, benzene, toluene, and xylene). Excludes oxygenates (alcohols, ethers), butane, and pentanes plus. Oxygenates are reported as other hydrocarbons, hydrogen, and oxygenates.

**Barrel.** A unit of volume equal to 42 U.S. gallons.

**Barrels Per Calendar Day.** The amount of input that a distillation facility can process under usual operating conditions. The amount is expressed in terms of capacity during a 24-hour period and reduces the maximum processing capability of all units at the facility under continuous operation (see **Barrels per Stream Day**) to account for the following limitations that may delay, interrupt, or slow down production:

the capability of downstream facilities to absorb the output of crude oil processing facilities of a given refinery. No reduction is made when a planned distribution of intermediate streams through other than downstream facilities is part of a refinery's normal operation;

the types and grades of inputs to be processed;

the types and grades of products expected to be manufactured;

the environmental constraints associated with refinery operations;

the reduction of capacity for scheduled downtime due to such conditions as routine inspection, maintenance, repairs, and turnaround; and

the reduction of capacity for unscheduled downtime due to such conditions as mechanical problems, repairs, and slowdowns.

**Barrels Per Stream Day.** The maximum number of barrels of input that a distillation facility can process within a 24-hour period when running at full capacity under optimal crude and product slate conditions with no allowance for downtime.

**Benzene ( $\text{C}_6\text{H}_6$ ).** An aromatic hydrocarbon present in small proportion in some crude oils and made commercially from petroleum by the catalytic reforming of naphthenes in petroleum naphtha. Also made from coal in the manufacture of coke. Used as a solvent, in manufacturing detergents, synthetic fibers, and petrochemicals and as a component of high-octane gasoline.

**Biomass-Based Diesel Fuel.** Biodiesel and other renewable diesel fuel or diesel fuel blending components derived from biomass, but excluding renewable diesel fuel coprocessed with petroleum

feedstocks.

**Blending Components.** See *Motor or Aviation Gasoline Blending Components*.

**Blending Plant.** A facility which has no refining capability but is either capable of producing finished motor gasoline through mechanical blending or blends oxygenates with motor gasoline.

**Bonded Petroleum Imports.** Petroleum imported and entered into Customs bonded storage. These imports are not included in the import statistics until they are: (1) withdrawn from storage free of duty for use as fuel for vessels and aircraft engaged in international trade; or (2) withdrawn from storage with duty paid for domestic use.

**BTX.** The acronym for the commercial petroleum aromatics benzene, toluene, and xylene. See individual categories for definitions.

**Bulk Station.** A facility used primarily for the storage and/or marketing of petroleum products which has a total bulk storage capacity of less than 50,000 barrels and receives its petroleum products by tank car or truck.

**Bulk Terminal.** A facility used primarily for the storage and/or marketing of petroleum products which has a total bulk storage capacity of 50,000 barrels or more and/or receives petroleum products by tanker, barge, or pipeline.

**Butane (C<sub>4</sub>H<sub>10</sub>).** A normally gaseous straight-chain or branch-chain hydrocarbon extracted from natural gas or refinery gas streams. It includes normal butane and refinery-grade butane and is designated in ASTM Specification D1835 and Gas Processors Association Specifications for commercial butane.

**Normal Butane (C<sub>4</sub>H<sub>10</sub>).** A normally gaseous straight-chain hydrocarbon that is a colorless paraffinic gas which boils at a temperature of 31.1 degrees Fahrenheit and is extracted from natural gas or refinery gas streams.

**Refinery-Grade Butane (C<sub>4</sub>H<sub>10</sub>).** A refinery-produced stream that is composed predominantly of normal butane and/or isobutane and may also contain propane and/or natural gasoline. These streams may also contain significant levels of olefins and/or fluorides contamination.

**Butylene (C<sub>4</sub>H<sub>8</sub>).** An olefinic hydrocarbon recovered from refinery processes.

**Captive Refinery Oxygenate Plants.** Oxygenate production facilities located within or adjacent to a refinery complex.

**Catalytic Cracking.** The refining process of breaking down the larger, heavier, and more complex hydrocarbon molecules into simpler and lighter molecules. Catalytic cracking is accomplished by the use of a catalytic agent and is an effective process for increasing the yield of gasoline from crude oil. Catalytic cracking processes fresh feeds and recycled feeds.

**Fresh Feeds.** Crude oil or petroleum distillates which are being fed to processing units for the first time.

**Recycled Feeds.** Feeds that are continuously fed back for additional processing.

**Catalytic Hydrocracking.** A refining process that uses hydrogen and catalysts with relatively low temperatures and high pressures for converting middle boiling or residual material to high-octane gasoline, reformer charge stock, jet fuel, and/or high grade fuel oil. The process uses one or more catalysts, depending upon product output, and can handle high sulfur feedstocks without prior desulfurization.

**Catalytic Hydrotreating.** A refining process for treating petroleum fractions from atmospheric or vacuum distillation units (e.g., naphthas, middle distillates, reformer feeds, residual fuel oil, and heavy gas oil) and other petroleum (e.g., cat cracked naphtha, coker naphtha, gas oil, etc.) in the presence of catalysts and substantial quantities of hydrogen. Hydrotreating includes desulfurization, removal of substances (e.g., nitrogen compounds) that deactivate catalysts, conversion of olefins to paraffins to reduce gum formation in gasoline, and other processes to upgrade the quality of the fractions.

**Catalytic Reforming.** A refining process using controlled heat and pressure with catalysts to rearrange certain hydrocarbon molecules, thereby converting paraffinic and naphthenic type hydrocarbons (e.g., low-octane gasoline boiling range fractions) into petrochemical feedstocks and higher octane stocks suitable for blending into finished gasoline. Catalytic reforming is reported in two categories. They are:

**Low Pressure.** A processing unit operating at less than 225 pounds per square inch gauge (PSIG) measured at the outlet separator.

**High Pressure.** A processing unit operating at either equal to or greater than 225 pounds per square inch gauge (PSIG) measured at the outlet separator.

**Charge Capacity.** The input (feed) capacity of the refinery processing facilities.

**Coal.** A readily combustible black or brownish-black rock whose composition, including inherent moisture, consists of more than 50 percent by weight and more than 70 percent by volume of carbonaceous material. It is formed from plant remains that have been compacted, hardened, chemically altered, and metamorphosed by heat and pressure over geologic time.

**Commercial Kerosene-Type Jet Fuel.** See *Kerosene-Type Jet Fuel*.

**Conventional Blendstock for Oxygenate Blending (CBOB).** See *Motor Gasoline Blending Components*.

**Conventional Gasoline.** See *Motor Gasoline (Finished)*.

**Crude Oil.** A mixture of hydrocarbons that exists in liquid phase in natural underground reservoirs and remains liquid at atmospheric pressure after passing through surface separating facilities. Depending upon the characteristics of the crude stream, it may also include:

Small amounts of hydrocarbons that exist in gaseous phase in natural underground reservoirs but are liquid at atmospheric pressure after being recovered from oil well (casinghead) gas in lease separators and are subsequently commingled

with the crude stream without being separately measured. Lease condensate recovered as a liquid from natural gas wells in lease or field separation facilities and later mixed into the crude stream is also included;

Small amounts of nonhydrocarbons produced from oil, such as sulfur and various metals;

Drip gases, and liquid hydrocarbons produced from tar sands, oil sands, gilsonite, and oil shale.

Liquids produced at natural gas processing plants are excluded. Crude oil is refined to produce a wide array of petroleum products, including heating oils; gasoline, diesel and jet fuels; lubricants; asphalt; ethane, propane, and butane; and many other products used for their energy or chemical content.

Crude oil is considered as either domestic or foreign, according to the following:

**Domestic.** Crude oil produced in the United States or from its Outer continental shelf' as defined in 43 USC 1331.

**Foreign.** Crude oil produced outside the United States. Imported Athabasca hydrocarbons (tar sands from Canada) are included.

**Crude Oil, Refinery Receipts.** Receipts of domestic and foreign crude oil at a refinery. Includes all crude oil in transit except crude oil in transit by pipeline. Foreign crude oil is reported as a receipt only after entry through customs. Crude oil of foreign origin held in bonded storage is excluded.

**Crude Oil Losses.** Represents the volume of crude oil reported by petroleum refineries as being lost in their operations. These losses are due to spills, contamination, fires, etc. as opposed to refinery processing losses.

**Crude Oil Production.** The volume of crude oil produced from oil reservoirs during given periods of time. The amount of such production for a given period is measured as volumes delivered from lease storage tanks (i.e., the point of custody transfer) to pipelines, trucks, or other media for transport to refineries or terminals with adjustments for (1) net differences between opening and closing lease inventories, and (2) basic sediment and water (BS&W).

**Crude Oil Qualities.** Refers to two properties of crude oil, the sulfur content and API gravity, which affect processing complexity and product characteristics.

**Delayed Coking.** A process by which heavier crude oil fractions can be thermally decomposed under conditions of elevated temperatures and pressure to produce a mixture of lighter oils and petroleum coke. The light oils can be processed further in other refinery units to meet product specifications. The coke can be used either as a fuel or in other applications such as the manufacturing of steel or aluminum.

**Desulfurization.** The removal of sulfur, as from molten metals, petroleum oil, or flue gases. Petroleum desulfurization is a process that removes sulfur and its compounds from various streams during the refining process. Desulfurization processes include catalytic hydrotreating and other chemical/physical processes such

as adsorption. Desulfurization processes vary based on the type of stream treated (e.g., naphtha, distillate, heavy gas oil, etc.) and the amount of sulfur removed (e.g., sulfur reduction to 10 ppm). See **Catalytic Hydrotreating.**

**Disposition.** The components of petroleum disposition are stock change, crude oil losses, refinery inputs, exports, and products supplied for domestic consumption.

**Distillate Fuel Oil.** A general classification for one of the petroleum fractions produced in conventional distillation operations. It includes diesel fuels and fuel oils. Products known as No. 1, No. 2, and No. 4 diesel fuel are used in on-highway diesel engines, such as those in trucks and automobiles, as well as off-highway engines, such as those in railroad locomotives and agricultural machinery. Products known as No. 1, No. 2, and No. 4 fuel oils are used primarily for space heating and electric power generation.

**No. 1 Distillate.** A light petroleum distillate that can be used as either a diesel fuel or a fuel oil.

**No. 1 Diesel Fuel.** A light distillate fuel oil that has a distillation temperature of 550 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 975. It is used in high speed diesel engines generally operated under frequent speed and load changes, such as those in city buses and similar vehicles. See **No. 1 Distillate.**

**No. 1 Fuel Oil.** A light distillate fuel oil that has distillation temperatures of 400 degrees Fahrenheit at the 10-percent recovery point and 550 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 396. It is used primarily as fuel for portable outdoor stoves and portable outdoor heaters. See **No. 1 Distillate.**

**No. 2 Distillate.** A petroleum distillate that can be used as either a diesel fuel or a fuel oil.

**No. 2 Diesel Fuel.** A distillate fuel oil that has a distillation temperature of 640 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 975. It is used in high-speed diesel engines that are generally operated under uniform speed and load conditions, such as those in railroad locomotives, trucks, and automobiles. See **No. 2 Distillate.**

**Low Sulfur No. 2 Diesel Fuel.** No. 2 diesel fuel that has a sulfur level no higher than 0.05 percent by weight. It is used primarily in motor vehicle diesel engines for on-highway use.

**High Sulfur No. 2 Diesel Fuel.** No. 2 diesel fuel that has a sulfur level above 0.05 percent by weight.

**No. 2 Fuel Oil (Heating Oil).** A distillate fuel oil that has a distillation temperature of 640 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 396. It is used in

atomizing type burners for domestic heating or for moderate capacity commercial/industrial burner units. See *No. 2 Distillate*.

**No. 4 Fuel.** A distillate fuel oil made by blending distillate fuel oil and residual fuel oil stocks. It conforms to ASTM Specification D 396 or Federal Specification VV-F-815C and is used extensively in industrial plants and in commercial burner installations that are not equipped with preheating facilities. It also includes No. 4 diesel fuel used for low- and medium-speed diesel engines and conforms to ASTM Specification D 975.

**No. 4 Diesel Fuel.** See *No. 4 Fuel*.

**No. 4 Fuel Oil.** See *No. 4 Fuel*.

**Electricity (Purchased).** Electricity purchased for refinery operations that is not produced within the refinery complex.

**Ending Stocks.** Primary stocks of crude oil and petroleum products held in storage as of 12 midnight on the last day of the month. Primary stocks include crude oil or petroleum products held in storage at (or in) leases, refineries, natural gas processing plants, pipelines, tank farms, and bulk terminals that can store at least 50,000 barrels of petroleum products or that can receive petroleum products by tanker, barge, or pipeline. Crude oil that is in-transit by water from Alaska, or that is stored on Federal leases or in the Strategic Petroleum Reserve is included. Primary Stocks exclude stocks of foreign origin that are held in bonded warehouse storage.

**ETBE (Ethyl tertiary butyl ether) (CH<sub>3</sub>)<sub>3</sub>COC<sub>2</sub>H<sub>5</sub>.** An oxygenate blend stock formed by the catalytic etherification of isobutylene with ethanol.

**Ethane (C<sub>2</sub>H<sub>6</sub>).** A normally gaseous straight-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of - 127.48 degrees Fahrenheit. It is extracted from natural gas and refinery gas streams.

**Ether.** A generic term applied to a group of organic chemical compounds composed of carbon, hydrogen, and oxygen, characterized by an oxygen atom attached to two carbon atoms (e.g., methyl tertiary butyl ether).

**Ethylene (C<sub>2</sub>H<sub>4</sub>).** An olefinic hydrocarbon recovered from refinery processes or petrochemical processes. Ethylene is used as a petrochemical feedstock for numerous chemical applications and the production of consumer goods.

**Exports.** Shipments of crude oil and petroleum products from the 50 States and the District of Columbia to foreign countries, Puerto Rico, the Virgin Islands, and other U.S. possessions and territories.

**Field Production.** Represents crude oil production on leases, natural gas liquids production at natural gas processing plants, new supply of other hydrocarbons/oxygenates and motor gasoline blending components, and fuel ethanol blended into finished motor gasoline.

**Flexicoking.** A thermal cracking process which converts heavy

hydrocarbons such as crude oil, tar sands bitumen, and distillation residues into light hydrocarbons. Feedstocks can be any pumpable hydrocarbons including those containing high concentrations of sulfur and metals.

**Fluid Coking.** A thermal cracking process utilizing the fluidized-solids technique to remove carbon (coke) for continuous conversion of heavy, low-grade oils into lighter products.

**Fresh Feed Input.** Represents input of material (crude oil, unfinished oils, natural gas liquids, other hydrocarbons and oxygenates or finished products) to processing units at a refinery that is being processed (input) into a particular unit for the first time.

Examples:

(1.) Unfinished oils coming out of a crude oil distillation unit which are input into a catalytic cracking unit are considered fresh feed to the catalytic cracking unit.

(2.) Unfinished oils coming out of a catalytic cracking unit being looped back into the same catalytic cracking unit to be reprocessed are not considered fresh feed.

**Fuel Ethanol (C<sub>2</sub>H<sub>5</sub>OH).** An anhydrous alcohol (ethanol with less than 1% water) intended for gasoline blending as described in Oxygenates definition.

**Fuels Solvent Deasphalting.** A refining process for removing asphalt compounds from petroleum fractions, such as reduced crude oil. The recovered stream from this process is used to produce fuel products.

**Gas Oil.** A liquid petroleum distillate having a viscosity intermediate between that of kerosene and lubricating oil. It derives its name from having originally been used in the manufacture of illuminating gas. It is now used to produce distillate fuel oils and gasoline.

**Gasohol.** A blend of finished motor gasoline containing alcohol (generally ethanol but sometimes methanol) at a concentration of 10 percent or less by volume. Data on gasohol that has at least 2.7 percent oxygen, by weight, and is intended for sale inside carbon monoxide nonattainment areas are included in data on oxygenated gasoline. See *Oxygenates*.

**Gasoline Blending Components.** Naphthas which will be used for blending or compounding into finished aviation or motor gasoline (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, and xylene). Excludes oxygenates (alcohols, ethers), butane, and pentanes plus.

**Gasoline Treated as Blendstock (GTAB).** See *Motor Gasoline Blending Components*.

**Gross Input to Atmospheric Crude Oil Distillation Units.** Total input to atmospheric crude oil distillation units. Includes all crude oil, lease condensate, natural gas plant liquids, unfinished oils, liquefied refinery gases, slop oils, and other liquid hydrocarbons produced from tar sands, gilsonite, and oil shale.

**Heavy Gas Oil.** Petroleum distillates with an approximate boiling

range from 651 degrees Fahrenheit to 1000 degrees Fahrenheit.

**High-Sulfur Distillate Fuel Oil.** Distillate fuel oil having sulfur content greater than 500 ppm.

**Hydrogen.** The lightest of all gases, occurring chiefly in combination with oxygen in water; exists also in acids, bases, alcohols, petroleum, and other hydrocarbons.

**Idle Capacity.** The component of operable capacity that is not in operation and not under active repair, but capable of being placed in operation within 30 days; and capacity not in operation but under active repair that can be completed within 90 days.

**Imported Crude Oil Burned As Fuel.** The amount of foreign crude oil burned as a fuel oil, usually as residual fuel oil, without being processed as such. Imported crude oil burned as fuel includes lease condensate and liquid hydrocarbons produced from tar sands, gilsonite, and oil shale.

**Imports.** Receipts of crude oil and petroleum products into the 50 States and the District of Columbia from foreign countries, Puerto Rico, the Virgin Islands, and other U.S. possessions and territories.

**Isobutane (C<sub>4</sub>H<sub>10</sub>).** A normally gaseous branch-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of 10.9 degrees Fahrenheit. It is extracted from natural gas or refinery gas streams.

**Isobutylene (C<sub>4</sub>H<sub>8</sub>).** An olefinic hydrocarbon recovered from refinery processes or petrochemical processes.

**Isohexane (C<sub>6</sub>H<sub>14</sub>).** A saturated branch-chain hydrocarbon. It is a colorless liquid that boils at a temperature of 156.2 degrees Fahrenheit.

**Isomerization.** A refining process which alters the fundamental arrangement of atoms in the molecule without adding or removing anything from the original material. Used to convert normal butane into isobutane (C<sub>4</sub>), an alkylation process feedstock, and normal pentane and hexane into isopentane (C<sub>5</sub>) and isohexane (C<sub>6</sub>), high-octane gasoline components.

**Isopentane.** See *Natural Gasoline and Isopentane*.

**Kerosene.** A light petroleum distillate that is used in space heaters, cook stoves, and water heaters and is suitable for use as a light source when burned in wick-fed lamps. Kerosene has a maximum distillation temperature of 400 degrees Fahrenheit at the 10-percent recovery point, a final boiling point of 572 degrees Fahrenheit, and a minimum flash point of 100 degrees Fahrenheit. Included are No. 1-K and No. 2-K, the two grades recognized by ASTM Specification D 3699 as well as all other grades of kerosene called range or stove oil, which have properties similar to those of No. 1 fuel oil. See *Kerosene-Type Jet Fuel*.

**Kerosene-Type Jet Fuel.** A kerosene-based product having a maximum distillation temperature of 400 degrees Fahrenheit at the 10-percent recovery point and a final maximum boiling point of 572 degrees Fahrenheit and meeting ASTM Specification D 1655 and Military Specifications MIL-T-5624P and MIL-T-83133D (Grades JP-5 and JP-8). It is used for commercial and military turbojet and turboprop aircraft engines.

**Commercial.** Kerosene-type jet fuel intended for use in commercial aircraft.

**Military.** Kerosene-type jet fuel intended for use in military aircraft.

**Lease Condensate.** A mixture consisting primarily of pentanes and heavier hydrocarbons which is recovered as a liquid from natural gas in lease separation facilities. This category excludes natural gas liquids, such as butane and propane, which are recovered at downstream natural gas processing plants or facilities. See *Natural Gas Liquids*.

**Light Gas Oils.** Liquid Petroleum distillates heavier than naphtha, with an approximate boiling range from 401 degrees Fahrenheit to 650 degrees Fahrenheit.

**Liquefied Petroleum Gases (LPG).** A group of hydrocarbon-based gases derived from crude oil refining or natural gas fractionation. They include: ethane, ethylene, propane, propylene, normal butane, butylene, isobutane, and isobutylene. For convenience of transportation, these gases are liquefied through pressurization.

**Liquefied Refinery Gases (LRG).** Liquefied petroleum gases fractionated from refinery or still gases. Through compression and/or refrigeration, they are retained in the liquid state. The reported categories are ethane/ethylene, propane/propylene, normal butane/butylene, and isobutane/isobutylene. Excludes still gas.

**Low-Sulfur Distillate Fuel Oil.** Distillate fuel oil having sulfur content greater than 15 ppm to 500 ppm. Low sulfur distillate fuel oil also includes product with sulfur content equal to or less than 15 ppm if the product is intended for pipeline shipment and the pipeline has a sulfur specification below 15 ppm.

**Lubricants.** Substances used to reduce friction between bearing surfaces or as process materials either incorporated into other materials used as processing aids in the manufacture of other products, or used as carriers of other materials. Petroleum lubricants may be produced either from distillates or residues. Lubricants include all grades of lubricating oils from spindle oil to cylinder oil and those used in greases.

**Merchant Oxygenate Plants.** Oxygenate production facilities that are not associated with a petroleum refinery. Production from these facilities is sold under contract or on the spot market to refiners or other gasoline blenders.

**Methanol (CH<sub>3</sub>OH).** A light, volatile alcohol intended for gasoline blending as described in Oxygenate definition.

**Middle Distillates.** A general classification of refined petroleum products that includes distillate fuel oil and kerosene.

**Military Kerosene-Type Jet Fuel.** See *Kerosene-Type Jet Fuel*.

**Miscellaneous Products.** Includes all finished products not classified elsewhere (e.g., petrolatum, lube refining byproducts (aromatic extracts and tars), absorption oils, ram-jet fuel, petroleum rocket fuels, synthetic natural gas feedstocks, and specialty oils). Note:

Beginning with January 2004 data, naphtha-type jet fuel is included in Miscellaneous Products.

**Motor Gasoline (Finished).** A complex mixture of relatively volatile hydrocarbons with or without small quantities of additives, blended to form a fuel suitable for use in spark-ignition engines. Motor gasoline, as defined in ASTM Specification D 4814 or Federal Specification VV-G-1690C, is characterized as having a boiling range of 122 to 158 degrees Fahrenheit at the 10 percent recovery point to 365 to 374 degrees Fahrenheit at the 90 percent recovery point. "Motor Gasoline" includes conventional gasoline; all types of oxygenated gasoline, including gasohol; and reformulated gasoline, but excludes aviation gasoline. Volumetric data on blending components, such as oxygenates, are not counted in data on finished motor gasoline until the blending components are blended into the gasoline. Note: E85 is included only in volumetric data on finished motor gasoline production and other components of product supplied.

**Conventional Gasoline.** Finished motor gasoline not included in the oxygenated or reformulated gasoline categories. Note: This category excludes reformulated gasoline blendstock for oxygenate blending (RBOB) as well as other blendstock.

**Ed 55 and Lower.** Finished conventional motor gasoline blended with a maximum of 55 volume percent denatured fuel ethanol.

**Greater than Ed55.** Finished conventional motor gasoline blended with denatured fuel ethanol where the volume percent of denatured fuel ethanol exceeds 55%.

**OPRG.** "Oxygenated Fuels Program Reformulated Gasoline" is reformulated gasoline which is intended for use in an oxygenated fuels program control area.

**Oxygenated Gasoline (Including Gasohol).** Oxygenated gasoline includes all finished motor gasoline, other than reformulated gasoline, having oxygen content of 2.0 percent or higher by weight. Gasohol containing a minimum 5.7 percent ethanol by volume is included in oxygenated gasoline. Oxygenated gasoline was reported as a separate product from January 1993 until December 2003 inclusive. Beginning with monthly data for January 2004, oxygenated gasoline is included in conventional gasoline. Historical data for oxygenated gasoline excluded Federal Oxygenated Program Reformulated Gasoline (OPRG). Historical oxygenated gasoline data also excluded other reformulated gasoline with a seasonal oxygen requirement regardless of season.

**Reformulated Gasoline.** Finished gasoline formulated for use in motor vehicles, the composition and properties of which meet the requirements of the reformulated gasoline regulations promulgated by the U.S. Environmental Protection Agency under Section 211(k) of the Clean Air Act. It includes gasoline produced to meet or exceed emissions performance and benzene content standards of federal-program reformulated gasoline even though the gasoline

may not meet all of the composition requirements (e.g., oxygen content) of federal-program reformulated gasoline. Note: This category includes Oxygenated Fuels Program Reformulated Gasoline (OPRG). Reformulated gasoline excludes Reformulated Blendstock for Oxygenate Blending (RBOB) and Gasoline Treated as Blendstock (GTAB).

**Reformulated (Blended with Alcohol).** Reformulated gasoline blended with an alcohol component (e.g., fuel ethanol) at a terminal or refinery to raise the oxygen content.

**Reformulated (Blended with Ether).** Reformulated gasoline blended with an ether component (e.g., methyl tertiary butyl ether) at a terminal or refinery to raise the oxygen content.

**Reformulated (Non-Oxygenated).** Reformulated gasoline without added ether or alcohol components.

**Motor Gasoline Blending.** Mechanical mixing of motor gasoline blending components, and oxygenates when required, to produce finished motor gasoline. Finished motor gasoline may be further mixed with other motor gasoline blending components or oxygenates, resulting in increased volumes of finished motor gasoline and/or changes in the formulation of finished motor gasoline (e.g., conventional motor gasoline mixed with MTBE to produce oxygenated motor gasoline).

**Motor Gasoline Blending Components.** Naphthas (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, xylene) used for blending or compounding into finished motor gasoline. These components include reformulated gasoline blendstock for oxygenate blending (RBOB) but exclude oxygenates (alcohols, ethers), butane, and pentanes plus. Note: Oxygenates are reported as individual components and are included in the total for other hydrocarbons, hydrogens, and oxygenates.

**Conventional Blendstock for Oxygenate Blending (CBOB).** Conventional gasoline blendstock intended for blending with oxygenates downstream of the refinery where it was produced. CBOB must become conventional gasoline after blending with oxygenates. Motor gasoline blending components that require blending other than with oxygenates to become finished conventional gasoline are reported as All Other Motor Gasoline Blending Components. Excludes reformulated blendstock for oxygenate blending (RBOB).

**Gasoline Treated as Blendstock (GTAB).** Non-certified Foreign Refinery gasoline classified by an importer as blendstock to be either blended or reclassified with respect to reformulated or conventional gasoline. GTAB was classified on EIA surveys as either reformulated or conventional based on emissions performance and the intended end use in data through the end of December 2009. Designation of GTAB as reformulated or conventional was discontinued beginning with data for January 2010. GTAB was reported as a single product beginning with data for January 2010. GTAB data for January 2010 and later months is presented as conventional

motor gasoline blending components when reported as a subset of motor gasoline blending components.

**Reformulated Blendstock for Oxygenate Blending (RBOB).**

Specially produced reformulated gasoline blendstock intended for blending with oxygenates downstream of the refinery where it was produced. Includes RBOB used to meet requirements of the Federal reformulated gasoline program and other blendstock intended for blending with oxygenates to produce finished gasoline that meets or exceeds emissions performance requirements of Federal reformulated gasoline (e.g., California RBOB and Arizona RBOB). Excludes conventional gasoline blendstocks for oxygenate blending (CBOB).

**RBOB for Blending with Alcohol.** Motor gasoline blending components intended to be blended with an alcohol component (e.g., fuel ethanol) at a terminal or refinery to raise the oxygen content. RBOB product detail by type of oxygenate was discontinued effective with data for January 2010. Beginning with data for January 2010, RBOB was reported as a single product.

**RBOB for Blending with Ether.** Motor gasoline blending components intended to be blended with an ether component (e.g., methyl tertiary butyl ether) at a terminal or refinery to raise the oxygen content. RBOB product detail by type of oxygenate was discontinued effective with data for January 2010. Beginning with data for January 2010, RBOB was reported as a single product.

**All Other Motor Gasoline Blending Components.**

Naphthas (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, xylene) used for blending or compounding into finished motor gasoline. Includes receipts and inputs of Gasoline Treated as Blendstock (GTAB). Excludes conventional blendstock for oxygenate blending (CBOB), reformulated blendstock for oxygenate blending, oxygenates (e.g. fuel ethanol and methyl tertiary butyl ether), butane, and pentanes plus.

**MTBE (Methyl tertiary butyl ether)  $(CH_3)_3COCH_3$ .** An ether intended for gasoline blending as described in Oxygenate definition.

**Naphtha.** A generic term applied to a petroleum fraction with an approximate boiling range between 122 degrees Fahrenheit and 400 degrees Fahrenheit.

**Naphtha Less Than 401° F.** See *Petrochemical Feedstocks*.

**Naphtha-Type Jet Fuel.** A fuel in the heavy naphtha boiling range having an average gravity of 52.8 degrees API, 20 to 90 percent distillation temperatures of 290 degrees to 470 degrees Fahrenheit, and meeting Military Specification MIL-T-5624L (Grade JP-4). It is used primarily for military turbojet and turboprop aircraft engines because it has a lower freeze point than other aviation fuels and meets engine requirements at high altitudes and speeds. Note: Beginning with January 2004 data, naphtha-type jet fuel is included in *Miscellaneous Products*.

**Natural Gas.** A gaseous mixture of hydrocarbon compounds, the primary one being **methane**.

**Natural Gas Field Facility.** A field facility designed to process natural gas produced from more than one lease for the purpose of recovering condensate from a stream of natural gas; however, some field facilities are designed to recover propane, normal butane, pentanes plus, etc., and to control the quality of natural gas to be marketed.

**Natural Gas Liquids.** Those hydrocarbons in natural gas that are separated from the gas as liquids through the process of absorption, condensation, adsorption, or other methods in gas processing or cycling plants. Generally such liquids consist of propane and heavier hydrocarbons and are commonly referred to as lease condensate, natural gasoline, and liquefied petroleum gases. Natural gas liquids include natural gas plant liquids (primarily ethane, propane, butane, and isobutane; see *Natural Gas Plant Liquids*) and lease condensate (primarily pentanes produced from natural gas at lease separators and field facilities; see *Lease Condensate*).

**Natural Gas Plant Liquids.** Those hydrocarbons in natural gas that are separated as liquids at natural gas processing plants, fractionating and cycling plants, and, in some instances, field facilities. Lease condensate is excluded. Products obtained include ethane; liquefied petroleum gases (propane, butanes, propane-butane mixtures, ethane-propane mixtures); isopentane; and other small quantities of finished products, such as motor gasoline, special naphthas, jet fuel, kerosene, and distillate fuel oil.

**Natural Gas Processing Plant.** Facilities designed to recover natural gas liquids from a stream of natural gas that may or may not have passed through lease separators and/or field separation facilities. These facilities control the quality of the natural gas to be marketed. Cycling plants are classified as gas processing plants.

**Natural Gasoline and Isopentane.** A mixture of hydrocarbons, mostly pentanes and heavier, extracted from natural gas, that meets vapor pressure, end-point, and other specifications for natural gasoline set by the Gas Processors Association. Includes isopentane which is a saturated branch-chain hydrocarbon,  $(C_5H_{12})$ , obtained by fractionation of natural gasoline or isomerization of normal pentane.

**Net Receipts.** The difference between total movements into and total movements out of each PAD District by pipeline, tanker, and barge.

**Normal Butane.** See *Butane*.

**OPEC.** An intergovernmental organization whose stated objective is to coordinate and unify petroleum policies of member countries. It was created at the Baghdad Conference on September 10–14, 1960. Current and former members (with years of membership) include Algeria (1969-present), Angola (2007-present), Congo (Brazzaville) (June 2018-present), Ecuador (1973-1992 and 2007-2019), Equatorial Guinea (2017-present), Gabon (1975-1994 and July, 2016-present), Indonesia (1962-2008 and January, 2016-November, 2016), Iran (1960-present), Iraq (1960-present), Kuwait (1960-present), Libya (1962-present), Nigeria (1971-present), Qatar (1961-2018), Saudi Arabia (1960-present), United Arab Emirates (1967-present), and

Venezuela (1960-present).

**Operable Capacity.** The amount of capacity that, at the beginning of the period, is in operation; not in operation and not under active repair, but capable of being placed in operation within 30 days; or not in operation but under active repair that can be completed within 90 days. Operable capacity is the sum of the operating and idle capacity and is measured in barrels per calendar day or barrels per stream day.

**Operable Utilization Rate.** Represents the utilization of the atmospheric crude oil distillation units. The rate is calculated by dividing the gross input to these units by the operable refining capacity of the units.

**Operating Capacity.** The component of operable capacity that is in operation at the beginning of the period.

**Operating Utilization Rate.** Represents the utilization of the atmospheric crude oil distillation units. The rate is calculated by dividing the gross input to these units by the operating refining capacity of the units.

**Other Hydrocarbons.** Materials received by a refinery and consumed as raw materials. Includes coal tar derivatives and gilsonite. Included hydrogen in data prior to January 2009 and excluded hydrogen thereafter. Excludes natural gas used for fuel or hydrogen feedstock.

**Other Oils Equal To or Greater Than 401° F.** See **Petrochemical Feedstocks.**

**Other Oxygenates.** Other aliphatic alcohols and aliphatic ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

**Oxygenated Gasoline.** See **Motor Gasoline (Finished).**

**Oxygenates.** Substances which, when added to gasoline, increase the amount of oxygen in that gasoline blend. Fuel Ethanol, Methyl Tertiary Butyl Ether (MTBE), Ethyl Tertiary Butyl Ether (ETBE), and methanol are common oxygenates.

**Fuel Ethanol.** Blends of up to 10 percent by volume anhydrous ethanol (200 proof) (commonly referred to as the “gasohol waiver”).

**Methanol.** Blends of methanol and gasoline-grade tertiary butyl alcohol (GTBA) such that the total oxygen content does not exceed 3.5 percent by weight and the ratio of methanol to GTBA is less than or equal to 1. It is also specified that this blended fuel must meet ASTM volatility specifications (commonly referred to as the “ARCO” waiver).

Blends of up to 5.0 percent by volume methanol with a minimum of 2.5 percent by volume cosolvent alcohols having a carbon number of 4 or less (i.e., ethanol, propanol, butanol, and/or GTBA). The total oxygen must not exceed 3.7 percent by weight, and the blend must meet ASTM volatility specifications as well as phase separation and alcohol purity specifications (commonly referred to as the “DuPont” waiver).

**MTBE (Methyl tertiary butyl ether).** Blends up to 15.0

percent by volume MTBE which must meet the ASTM D4814 specifications. Blenders must take precautions that the blends are not used as base gasolines for other oxygenated blends (commonly referred to as the “Sun” waiver).

**Pentanes Plus.** A mixture of hydrocarbons, mostly pentanes and heavier, extracted from natural gas. Includes isopentane, natural gasoline, and plant condensate.

**Persian Gulf.** The countries that comprise the Persian Gulf are: Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and the United Arab Emirates.

**Petrochemical Feedstocks.** Chemical feedstocks derived from petroleum principally for the manufacture of chemicals, synthetic rubber, and a variety of plastics. The categories reported are “Naphtha Less Than 401° F” and “Other Oils Equal To or Greater Than 401° F.”

**Naphtha Less Than 401° F.** A naphtha with a boiling range of less than 401 degrees Fahrenheit that is intended for use as a petrochemical feedstock.

**Other Oils Equal To or Greater Than 401° F.** Oils with a boiling range equal to or greater than 401 degrees Fahrenheit that are intended for use as a petrochemical feedstock.

**Petroleum Administration for Defense (PAD) Districts.** Geographic aggregations of the 50 States and the District of Columbia into five districts by the Petroleum Administration for Defense in 1950. These districts were originally defined during World War II for purposes of administering oil allocation.

**Petroleum Coke.** A residue high in carbon content and low in hydrogen that is the final product of thermal decomposition in the condensation process in cracking. This product is reported as marketable coke or catalyst coke. The conversion is 5 barrels (of 42 U.S. gallons each) per short ton. Coke from petroleum has a heating value of 6.024 million Btu per barrel.

**Catalyst Coke.** In many catalytic operations (e.g., catalytic cracking) carbon is deposited on the catalyst, thus deactivating the catalyst. The catalyst is reactivated by burning off the carbon, which is used as a fuel in the refining process. This carbon or coke is not recoverable in a concentrated form.

**Marketable Coke.** Those grades of coke produced in delayed or fluid cokers which may be recovered as relatively pure carbon. This “green” coke may be sold as is or further purified by calcining.

**Petroleum Products.** Petroleum products are obtained from the processing of crude oil (including lease condensate), natural gas, and other hydrocarbon compounds. Petroleum products include unfinished oils, liquefied petroleum gases, pentanes plus, aviation gasoline, motor gasoline, naphtha-type jet fuel, kerosene-type jet fuel, kerosene, distillate fuel oil, residual fuel oil, petrochemical feedstocks, special naphthas, lubricants, waxes, petroleum coke, asphalt, road oil, still gas, and miscellaneous products.

**Pipeline (Petroleum).** Crude oil and product pipelines used to transport crude oil and petroleum products respectively, (including

interstate, intrastate, and intracompany pipelines) within the 50 States and the District of Columbia.

**Plant Condensate.** One of the natural gas liquids, mostly pentanes and heavier hydrocarbons, recovered and separated as liquids at gas inlet separators or scrubbers in processing plants.

**Processing Gain.** The volumetric amount by which total output is greater than input for a given period of time. This difference is due to the processing of crude oil into products which, in total, have a lower specific gravity than the crude oil processed.

**Processing Loss.** The volumetric amount by which total refinery output is less than input for a given period of time. This difference is due to the processing of crude oil into products which, in total, have a higher specific gravity than the crude oil processed.

**Product Supplied, Crude Oil.** Crude oil burned on leases and by pipelines as fuel.

**Production Capacity.** The maximum amount of product that can be produced from processing facilities.

**Products Supplied.** Approximately represents consumption of petroleum products because it measures the disappearance of these products from primary sources, i.e., refineries, natural gas processing plants, blending plants, pipelines, and bulk terminals. In general, product supplied of each product in any given period is computed as follows: field production, plus refinery production, plus imports, plus unaccounted for crude oil, (plus net receipts when calculated on a PAD District basis), minus stock change, minus crude oil losses, minus refinery inputs, minus exports.

**Propane (C<sub>3</sub>H<sub>8</sub>).** A normally gaseous straight-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of - 43.67 degrees Fahrenheit. It is extracted from natural gas or refinery gas streams. It includes all products designated in ASTM Specification D1835 and Gas Processors Association Specifications for commercial propane and HD-5 propane.

**Propylene (C<sub>3</sub>H<sub>6</sub>).** An olefinic hydrocarbon recovered from refinery processes or petrochemical processes.

**Propylene (C<sub>3</sub>H<sub>6</sub>) (nonfuel use).** Propylene that is intended for use in nonfuel applications such as petrochemical manufacturing. Nonfuel use propylene includes chemical-grade propylene, polymer-grade propylene, and trace amounts of propane. Nonfuel use propylene also includes the propylene component of propane/propylene mixes where the propylene will be separated from the mix in a propane/propylene splitting process. Excluded is the propylene component of propane/propylene mixes where the propylene component of the mix is intended for sale into the fuel market.

**Refinery.** An installation that manufactures finished petroleum products from crude oil, unfinished oils, natural gas liquids, other hydrocarbons, and oxygenates.

**Refinery-Grade Butane.** See *Butane*.

**Refinery Input, Crude Oil.** Total crude oil (domestic plus foreign) input to crude oil distillation units and other refinery processing units (cokers, etc.).

**Refinery Input, Total.** The raw materials and intermediate materials processed at refineries to produce finished petroleum products. They include crude oil, products of natural gas processing plants, unfinished oils, other hydrocarbons and oxygenates, motor gasoline and aviation gasoline blending components and finished petroleum products.

**Refinery Production.** Petroleum products produced at a refinery or blending plant. Published production of these products equals refinery production minus refinery input. Negative production will occur when the amount of a product produced during the month is less than the amount of that same product that is reprocessed (input) or reclassified to become another product during the same month. Refinery production of unfinished oils, and motor and aviation gasoline blending components appear on a net basis under refinery input.

**Refinery Yield.** Represents the percent of finished product produced from input of crude oil, hydrogen, and other hydrocarbons, and net input of unfinished oils. Except for finished motor gasoline, finished aviation gasoline, and distillate fuel oil, EIA calculates refinery yield equal to net production of a finished petroleum product divided by the sum of input of crude oil, hydrogen, other hydrocarbons, and net input of unfinished oils. In the case of finished motor gasoline, subtract input of natural gas liquids, fuel ethanol, oxygenates, and net input of motor gasoline blending components from net production of finished motor gasoline and then divide by the sum of input of crude oil, hydrogen, other hydrocarbons, and net input of unfinished oils. In the case of finished aviation gasoline, subtract net input of aviation gasoline blending components from net production of finished aviation gasoline and then divide by the sum of input of crude oil, hydrogen, other hydrocarbons, and net input of unfinished oils. In the case of distillate fuel oil, subtract input of renewable fuels except fuel ethanol (including input of biodiesel, renewable diesel fuel, and other renewable fuels) from distillate fuel oil net production and then divide by the sum of input of crude oil, hydrogen, other hydrocarbons, and net input of unfinished oils. Prior to data for January 2009, EIA calculated refinery yields (except for finished motor gasoline) equal to finished product net production divided by the sum of input of crude oil and net input of unfinished oils. EIA calculated refinery yield of finished motor gasoline equal to net production of finished motor gasoline minus the sum of input of natural gas liquids, other hydrocarbons and oxygenates, and net input of motor gasoline blending components divided by the sum of input of crude oil and net input of unfinished oils.

**Reformulated Blendstock for Oxygenate Blending (RBOB).** See *Motor Gasoline Blending Components*.

**Reformulated Gasoline.** See *Motor Gasoline (Finished)*.

**Renewable Fuels (Other).** Fuels and fuel blending components, except biomass-based diesel fuel, renewable diesel fuel, and fuel ethanol, produced from renewable biomass.

**Residual Fuel Oil.** A general classification for the heavier oils, known as No. 5 and No. 6 fuel oils, that remain after the distillate fuel oils and lighter hydrocarbons are distilled away in refinery operations.

It conforms to ASTM Specifications D 396 and D 975 and Federal Specification VV-F-815C. No. 5, a residual fuel oil of medium viscosity, is also known as Navy Special and is defined in Military Specification MIL-F-859E, including Amendment 2 (NATO Symbol F-770). It is used in steam-powered vessels in government service and inshore power plants. No. 6 fuel oil includes Bunker C fuel oil and is used for the production of electric power, space heating, vessel bunkering, and various industrial purposes.

**Residuum.** Residue from crude oil after distilling off all but the heaviest components, with a boiling range greater than 1000 degrees Fahrenheit.

**Road Oil.** Any heavy petroleum oil, including residual asphaltic oil used as a dust palliative and surface treatment on roads and highways. It is generally produced in six grades from 0, the most liquid, to 5, the most viscous.

**Shell Storage Capacity.** The design capacity of a petroleum storage tank which is always greater than or equal to working storage capacity. Special Naphthas. All finished products within the naphtha boiling range that are used as paint thinners, cleaners, or solvents. These products are refined to a specified flash point. Special naphthas include all commercial hexane and cleaning solvents conforming to ASTM Specification D1836 and D484, respectively. Naphthas to be blended or marketed as motor gasoline or aviation gasoline, or that are to be used as petrochemical and synthetic natural gas (SNG) feedstocks are excluded.

**Steam (Purchased).** Steam, purchased for use by a refinery, that was not generated from within the refinery complex.

**Still Gas (Refinery Gas).** Any form or mixture of gases produced in refineries by distillation, cracking, reforming, and other processes. The principal constituents are methane, ethane, ethylene, normal butane, butylene, propane, propylene, etc. Still gas is used as a refinery fuel and a petrochemical feedstock. The conversion factor is 6 million BTU's per fuel oil equivalent barrel.

**Stock Change.** The difference between stocks at the beginning of the reporting period and stocks at the end of the reporting period. Note: A negative number indicates a decrease (i.e., a drawdown) in stocks and a positive number indicates an increase (i.e., a buildup) in stocks during the reporting period.

**Strategic Petroleum Reserve (SPR).** Petroleum stocks maintained by the Federal Government for use during periods of major supply interruption.

**Sulfur.** A yellowish nonmetallic element, sometimes known as "brimstone." It is present at various levels of concentration in many fossil fuels whose combustion releases sulfur compounds that are considered harmful to the environment. Some of the most commonly used fossil fuels are categorized according to their sulfur content, with lower sulfur fuels usually selling at a higher price. Note: No. 2 Distillate fuel is currently reported as having either a 0.05 percent or lower sulfur level for on-highway vehicle use or a greater than 0.05 percent sulfur level for off-highway use, home heating oil, and commercial and industrial uses. Residual fuel, regardless of use, is classified as having either no more than 1 percent sulfur or greater than 1 percent sulfur. Coal is also classified as being low-sulfur at concentrations of 1 percent or less or high-sulfur at concentrations

greater than 1 percent.

**Supply.** The components of petroleum supply are field production, refinery production, imports, and net receipts when calculated on a PAD District basis.

**TAME (Tertiary amyl methyl ether)  $(CH_3)_2(C_2H_5)COCH_3$ .** An oxygenate blend stock formed by the catalytic etherification of isoamylene with methanol.

**Tank Farm.** An installation used by gathering and trunk pipeline companies, crude oil producers, and terminal operators (except refineries) to store crude oil.

**Tanker and Barge.** Vessels that transport crude oil or petroleum products. Data are reported for movements between PAD Districts; from a PAD District to the Panama Canal; or from the Panama Canal to a PAD District.

**TBA (Tertiary butyl alcohol)  $(CH_3)_3COH$ .** An alcohol primarily used as a chemical feedstock, a solvent or feedstock for isobutylene production for MTBE; produced as a co-product of propylene oxide production or by direct hydration of isobutylene.

**Thermal Cracking.** A refining process in which heat and pressure are used to break down, rearrange, or combine hydrocarbon molecules. Thermal cracking includes gas oil, visbreaking, fluid coking, delayed coking, and other thermal cracking processes (e.g., flexicoking). See individual categories for definition.

**Toluene  $(C_6H_5CH_3)$ .** Colorless liquid of the aromatic group of petroleum hydrocarbons, made by the catalytic reforming of petroleum naphthas containing methyl cyclohexane. A high-octane gasoline-blending agent, solvent, and chemical intermediate, base for TNT.

**Ultra-Low Sulfur Distillate Fuel Oil.** Distillate fuel oil having sulfur content of 15 ppm or lower. Ultra-low sulfur distillate fuel oil that will be shipped by pipeline must satisfy the sulfur specification of the shipping pipeline if the pipeline specification is below 15 ppm. Distillate fuel oil intended for pipeline shipment that fails to meet a pipeline sulfur specification that is below 15 ppm will be classified as low-sulfur distillate fuel oil.

**Unaccounted for Crude Oil.** Represents the arithmetic difference between the calculated supply and the calculated disposition of crude oil. The calculated supply is the sum of crude oil production plus imports minus changes in crude oil stocks. The calculated disposition of crude oil is the sum of crude oil input to refineries, crude oil exports, crude oil burned as fuel, and crude oil losses.

**Unfinished Oils.** All oils requiring further processing, except those requiring only mechanical blending. Unfinished oils are produced by partial refining of crude oil and include naphthas and lighter oils, kerosene and light gas oils, heavy gas oils, and residuum.

**Unfractionated Streams.** Mixtures of unsegregated natural gas liquid components excluding those in plant condensate. This product is extracted from natural gas.

**United States.** The United States is defined as the 50 States and the

District of Columbia.

**Vacuum Distillation.** Distillation under reduced pressure (less the atmospheric) which lowers the boiling temperature of the liquid being distilled. This technique with its relatively low temperatures prevents cracking or decomposition of the charge stock.

**Visbreaking.** A thermal cracking process in which heavy atmospheric or vacuum-still bottoms are cracked at moderate temperatures to increase production of distillate products and reduce viscosity of the distillation residues.

**Wax.** A solid or semi-solid material at 77 degrees Fahrenheit consisting of a mixture of hydrocarbons obtained or derived from petroleum fractions, or through a Fischer-Tropsch type process, in which the straight-chained paraffin series predominates. This includes

all marketable wax, whether crude or refined, with a congealing point (ASTM D 938) between 80 (or 85) and 240 degrees Fahrenheit and a maximum oil content (ASTM D 3235) of 50 weight percent.

**Working Storage Capacity.** The difference in volume between the maximum safe fill capacity and the quantity below which pump suction is ineffective (bottoms).

**Xylene ( $C_6H_4(CH_3)_2$ ).** Colorless liquid of the aromatic group of hydrocarbons made the catalytic reforming of certain naphthenic petroleum fractions. Used as high-octane motor and aviation gasoline blending agents, solvents, chemical intermediates. Isomers are metaxylene, orthoxylene, paraxylene.