



U.S. Energy Information  
Administration

# Petroleum Supply Monthly

with data for April 2021

June 2021



This report was prepared by the U.S. Energy Information Administration (EIA), the statistical and analytical agency within the U.S. Department of Energy. By law, EIA's data, analyses, and forecasts are independent of approval by any other officer or employee of the United States Government. The views in this report therefore should not be construed as representing those of the Department of Energy or other Federal agencies.

## Preface

---

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
- Imports by PADD
- Imports by country of origin
- Exports
- Net imports
- Stocks
- Movements of crude oil, petroleum products, and biofuels

# Contents

Page

## Tables

### U.S. supply and disposition of crude oil, petroleum products, and biofuels

1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products .....	6
2. U.S. Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products.....	7
3. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products .....	8
4. U.S. Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products .....	9

### Regional supply and disposition of crude oil petroleum products and biofuels

5. PAD District 1.....	10
6. Year-to-Date PAD District 1.....	11
7. Daily Average PAD District 1 .....	12
8. Year-to-Date Daily Average PAD District 1 .....	13
9. PAD District 2.....	14
10. Year-to-Date PAD District 2.....	15
11. Daily Average PAD District 2 .....	16
12. Year-to-Date Daily Average PAD District 2.....	17
13. PAD District 3.....	18
14. Year-to-Date PAD District 3.....	19
15. Daily Average PAD District 3 .....	20
16. Year-to-Date Daily Average PAD District 3.....	21
17. PAD District 4.....	22
18. Year-to-Date PAD District 4.....	23
19. Daily Average PAD District 4.....	24
20. Year-to-Date Daily Average PAD District 4.....	25
21. PAD District 5.....	26
22. Year-to-Date PAD District 5.....	27
23. Daily Average PAD District 5 .....	28
24. Year-to-Date Daily Average PAD District 5 .....	29

### Crude oil supply and disposition and production by state

25. Crude Oil Supply, Disposition, and Ending Stocks by PAD District.....	30
26. Production of Crude Oil by PAD District and State.....	31

### Natural Gas Processing

27. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts.....	32
--	----

### Refinery Operations

28. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts.....	33
29. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts .....	35
30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts.....	37
31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts.....	39
32. Blender Net Inputs of Petroleum Products by PAD District.....	41
33. Blender Net Production of Petroleum Products by PAD District .....	42
34. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts.....	43
35. Percent Yield of Petroleum Products by PAD and Refining Districts .....	45

### Imports of residual fuel oil by state of entry

36. Imports of Residual Fuel Oil by Sulfur Content.....	46
---	----

### Imports by PAD District

37. Imports of Crude Oil and Petroleum Products .....	47
38. Year-to-Date Imports of Crude Oil and Petroleum Products.....	48

### Imports by country of origin

39. United States.....	49
40. Year-to-Date United States.....	53
41. PAD District 1.....	57
42. PAD District 2.....	61
43. PAD District 3.....	65
44. PAD Districts 4 and 5.....	69
45. Year-to-Date PAD District 1.....	73
46. Year-to-Date PAD District 2.....	77
47. Year-to-Date PAD District 3.....	81

48. Year-to-Date PAD Districts 4 and 5 .....	85
<b>Exports of Crude Oil and Petroleum Products</b>	
49. Exports of Crude Oil and Petroleum Products by PAD District .....	89
50. Year-to-Date Exports of Crude Oil and Petroleum Products by PAD District.....	90
51. Exports of Crude Oil and Petroleum Products by Destination .....	91
52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination .....	95
<b>Net Imports</b>	
53. Net Imports of Crude Oil and Petroleum Products into the United States by Country .....	99
54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country.....	103
<b>Stocks</b>	
55. Stocks of Crude Oil and Petroleum Products by PAD District.....	107
56. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State .....	111
<b>Movements of Crude Oil, Petroleum Products, and Biofuels</b>	
57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge and Rail Between PAD Districts .....	113
58. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts .....	115
59. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts.....	117
60. Movements of Crude Oil and Selected Products by Rail Between PAD Districts.....	119
61. Movements of Crude Oil by Pipeline, Tanker, Barge, and Rail between PAD Districts .....	120
62. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail Between PAD Districts .....	121
<b>Appendices</b>	
A. District Descriptions and Maps .....	123
B. Explanatory Notes .....	125
D. Northeast Reserves.....	138
<b>Glossary</b>	
Definitions of Petroleum Products and Other Terms .....	139

**Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, April 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>335,065</b>	<b>--</b>	<b>--</b>	<b>174,564</b>	<b>27,167</b>	<b>-16,518</b>	<b>454,810</b>	<b>98,503</b>	<b>0</b>	<b>1,123,158</b>
<b>Hydrocarbon Gas Liquids</b>	<b>163,281</b>	<b>-625</b>	<b>23,360</b>	<b>5,059</b>	<b>--</b>	<b>8,506</b>	<b>13,525</b>	<b>74,918</b>	<b>94,126</b>	<b>177,090</b>
Natural Gas Liquids	163,281	-625	14,337	4,588	--	8,513	13,525	74,918	84,625	175,263
Ethane	66,089	--	69	--	--	1,605	--	12,174	52,379	69,808
Propane	52,239	--	8,403	3,584	--	2,763	--	42,076	19,387	42,066
Normal Butane	14,934	--	6,150	653	--	5,522	3,579	14,146	-1,510	31,089
Isobutane	12,496	--	-285	347	--	281	5,153	137	6,987	11,118
Natural Gasoline	17,523	-625	--	4	--	-1,658	4,793	6,385	7,382	21,182
Refinery Olefins	--	--	9,023	471	--	-7	--	--	9,501	1,827
Ethylene	--	--	30	--	--	0	--	--	30	0
Propylene	--	--	8,973	420	--	21	--	--	9,372	1,092
Normal Butylene	--	--	44	51	--	52	--	--	43	688
Isobutylene	--	--	-24	--	--	-80	--	--	56	47
<b>Other Liquids</b>	<b>--</b>	<b>32,772</b>	<b>--</b>	<b>43,724</b>	<b>13,613</b>	<b>-2,070</b>	<b>66,203</b>	<b>15,925</b>	<b>10,052</b>	<b>337,754</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	32,773	--	1,513	6,822	-668	34,873	3,189	3,715	28,414
Hydrogen	--	--	--	--	6,049	--	6,049	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	32,773	--	1,513	759	-658	28,800	3,189	3,715	28,398
Fuel Ethanol <sup>5</sup>	--	28,218	--	--	759	-491	26,774	2,695	0	22,344
Renewable Fuels Except Fuel Ethanol	--	4,555	--	1,513	--	-167	2,026	494	3,715	6,054
Other Hydrocarbons	--	--	--	--	14	-10	24	--	0	16
Unfinished Oils	--	--	--	16,640	--	-1,161	1,123	10,328	6,350	92,169
Motor Gasoline Blend.Comp. (MGBC) <sup>5</sup>	--	-1	--	25,571	6,791	-247	30,200	2,408	0	217,141
Reformulated	--	0	--	6,516	6,801	69	13,244	4	0	48,212
Conventional	--	0	--	19,055	-10	-316	16,956	2,405	0	168,929
Aviation Gasoline Blend. Comp.	--	--	--	--	--	6	7	--	-13	30
<b>Finished Petroleum Products</b>	<b>--</b>	<b>158</b>	<b>539,646</b>	<b>24,659</b>	<b>-7,550</b>	<b>-6,638</b>	<b>--</b>	<b>83,948</b>	<b>479,603</b>	<b>284,779</b>
Finished Motor Gasoline	--	143	289,080	5,239	-7,550	1,021	--	22,151	263,740	21,280
Reformulated	--	--	88,947	--	-4,979	-2	--	--	83,970	22
Conventional	--	143	200,133	5,239	-2,571	1,023	--	22,151	179,770	21,258
Finished Aviation Gasoline	--	--	297	76	--	-70	--	--	443	1,016
Kerosene-Type Jet Fuel	--	7	37,879	4,238	--	1,556	--	2,206	38,362	40,510
Kerosene	--	--	50	--	--	-440	--	259	231	1,577
Distillate Fuel Oil <sup>5</sup>	--	9	138,200	5,935	--	-9,463	--	33,977	119,629	136,014
15 ppm sulfur and under	--	9	131,063	5,619	--	-7,350	--	26,618	117,423	125,775
Greater than 15 ppm to 500 ppm sulfur	--	0	4,094	315	--	-811	--	4,004	1,216	2,910
Greater than 500 ppm sulfur	--	--	3,043	1	--	-1,302	--	3,355	991	7,329
Residual Fuel Oil	--	--	5,440	4,678	--	367	--	5,473	4,278	31,275
Less than 0.31 percent sulfur	--	--	738	465	--	885	--	NA	NA	5,363
0.31 to 1.00 percent sulfur	--	--	2,620	371	--	430	--	NA	NA	6,896
Greater than 1.00 percent sulfur	--	--	2,082	3,842	--	-948	--	NA	NA	19,016
Petrochemical Feedstocks	--	--	8,745	408	--	147	--	--	9,006	2,963
Naphtha for Petro. Feed. Use	--	--	6,081	308	--	198	--	--	6,191	2,312
Other Oils for Petro. Feed. Use	--	--	2,664	100	--	-51	--	--	2,815	651
Special Naphthas	--	--	1,085	438	--	-4	--	--	1,527	916
Lubricants	--	--	4,985	1,460	--	171	--	2,902	3,372	8,346
Waxes	--	--	141	262	--	38	--	165	200	509
Petroleum Coke	--	--	22,152	303	--	-731	--	16,401	6,785	5,969
Marketable	--	--	16,472	303	--	-731	--	16,401	1,105	5,969
Catalyst	--	--	5,680	--	--	--	--	--	5,680	--
Asphalt and Road Oil	--	--	10,051	1,621	--	766	--	378	10,528	33,811
Still Gas	--	--	19,125	--	--	--	--	--	19,125	--
Miscellaneous Products	--	--	2,416	1	--	4	--	37	2,376	593
<b>Total</b>	<b>498,346</b>	<b>32,305</b>	<b>563,006</b>	<b>248,006</b>	<b>33,230</b>	<b>-16,721</b>	<b>534,538</b>	<b>273,295</b>	<b>583,781</b>	<b>1,922,781</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-April 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>1,298,266</b>	<b>--</b>	<b>--</b>	<b>689,747</b>	<b>64,757</b>	<b>-185</b>	<b>1,697,421</b>	<b>355,533</b>	<b>0</b>	<b>1,123,158</b>
<b>Hydrocarbon Gas Liquids</b>	<b>600,719</b>	<b>-2,366</b>	<b>62,763</b>	<b>26,041</b>	<b>--</b>	<b>-52,067</b>	<b>61,091</b>	<b>278,070</b>	<b>400,063</b>	<b>177,090</b>
Natural Gas Liquids	600,719	-2,366	29,890	23,895	--	-51,645	61,091	278,070	364,622	175,263
Ethane	234,116	--	361	--	--	208	--	43,509	190,760	69,808
Propane	197,727	--	30,964	18,481	--	-28,369	--	157,968	117,573	42,066
Normal Butane	56,885	--	-117	4,575	--	-10,554	23,151	49,850	-1,104	31,089
Isobutane	46,949	--	-1,318	817	--	-1,223	20,611	331	26,729	11,118
Natural Gasoline	65,042	-2,366	--	22	--	-11,707	17,329	26,412	30,664	21,182
Refinery Olefins	--	--	32,873	2,146	--	-422	--	--	35,441	1,827
Ethylene	--	--	90	--	--	0	--	--	90	0
Propylene	--	--	33,301	1,864	--	-395	--	--	35,560	1,092
Normal Butylene	--	--	-495	262	--	-32	--	--	-201	688
Isobutylene	--	--	-23	20	--	5	--	--	-8	47
<b>Other Liquids</b>	<b>--</b>	<b>127,036</b>	<b>--</b>	<b>145,331</b>	<b>42,963</b>	<b>11,740</b>	<b>217,305</b>	<b>62,459</b>	<b>23,826</b>	<b>337,754</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	127,038	--	4,799	22,843	-1,484	129,364	13,382	13,417	28,414
Hydrogen	--	--	--	--	23,106	--	23,106	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	127,038	--	4,770	-291	-1,487	106,204	13,382	13,417	28,398
Fuel Ethanol <sup>5</sup>	--	109,331	--	--	-291	-2,343	99,105	12,278	0	22,344
Renewable Fuels Except Fuel Ethanol	--	17,706	--	4,770	--	856	7,099	1,104	13,417	6,054
Other Hydrocarbons	--	--	--	29	28	3	54	--	0	16
Unfinished Oils	--	--	--	60,205	--	13,962	-5,878	41,660	10,461	92,169
Motor Gasoline Blend.Comp. (MGBC) <sup>5</sup>	--	-2	--	80,327	20,120	-737	93,766	7,417	0	217,141
Reformulated	--	-1	--	23,199	30,778	-5,237	59,188	25	0	48,212
Conventional	--	0	--	57,128	-10,657	4,500	34,578	7,392	0	168,929
Aviation Gasoline Blend. Comp.	--	--	--	--	--	-1	53	--	-52	30
<b>Finished Petroleum Products</b>	<b>--</b>	<b>530</b>	<b>2,017,334</b>	<b>103,340</b>	<b>-19,829</b>	<b>-19,112</b>	<b>--</b>	<b>300,382</b>	<b>1,820,105</b>	<b>284,779</b>
Finished Motor Gasoline	--	495	1,076,078	11,894	-19,829	-4,030	--	88,551	984,117	21,280
Reformulated	--	--	330,356	--	-27,399	-26	--	--	302,983	22
Conventional	--	495	745,722	11,894	7,570	-4,004	--	88,551	681,134	21,258
Finished Aviation Gasoline	--	--	970	169	--	-105	--	--	1,244	1,016
Kerosene-Type Jet Fuel	--	28	136,609	14,137	--	1,883	--	9,008	139,883	40,510
Kerosene	--	--	1,118	--	--	-1,083	--	736	1,465	1,577
Distillate Fuel Oil <sup>5</sup>	--	7	524,498	41,580	--	-24,427	--	113,422	477,090	136,014
15 ppm sulfur and under	--	7	500,115	40,546	--	-22,800	--	95,310	468,157	125,775
Greater than 15 ppm to 500 ppm sulfur	--	0	14,012	631	--	-498	--	9,172	5,969	2,910
Greater than 500 ppm sulfur	--	--	10,371	403	--	-1,129	--	8,940	2,963	7,329
Residual Fuel Oil	--	--	22,980	19,936	--	1,041	--	13,821	28,054	31,275
Less than 0.31 percent sulfur	--	--	2,415	1,556	--	2,277	--	NA	NA	5,363
0.31 to 1.00 percent sulfur	--	--	9,043	4,218	--	-26	--	NA	NA	6,896
Greater than 1.00 percent sulfur	--	--	11,522	14,162	--	-1,210	--	NA	NA	19,016
Petrochemical Feedstocks	--	--	29,905	2,135	--	75	--	--	31,965	2,963
Naphtha for Petro. Feed. Use	--	--	19,000	1,716	--	236	--	--	20,480	2,312
Other Oils for Petro. Feed. Use	--	--	10,905	419	--	-161	--	--	11,485	651
Special Naphthas	--	--	3,559	1,161	--	-144	--	--	4,864	916
Lubricants	--	--	18,037	5,218	--	-1,354	--	11,668	12,941	8,346
Waxes	--	--	376	832	--	-46	--	589	665	509
Petroleum Coke	--	--	83,796	1,169	--	-1,734	--	60,126	26,573	5,969
Marketable	--	--	62,198	1,169	--	-1,734	--	60,126	4,975	5,969
Catalyst	--	--	21,598	--	--	--	--	--	21,598	--
Asphalt and Road Oil	--	--	39,883	5,105	--	10,787	--	2,335	31,866	33,811
Still Gas	--	--	70,438	--	--	--	--	--	70,438	--
Miscellaneous Products	--	--	9,087	4	--	25	--	125	8,941	593
<b>Total</b>	<b>1,898,985</b>	<b>125,200</b>	<b>2,080,097</b>	<b>964,459</b>	<b>87,891</b>	<b>-59,624</b>	<b>1,975,817</b>	<b>996,443</b>	<b>2,243,995</b>	<b>1,922,781</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, April 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>11,169</b>	--	--	<b>5,819</b>	<b>906</b>	<b>-551</b>	<b>15,160</b>	<b>3,283</b>	<b>0</b>
<b>Hydrocarbon Gas Liquids</b> .....	<b>5,443</b>	<b>-21</b>	<b>779</b>	<b>169</b>	--	<b>284</b>	<b>451</b>	<b>2,497</b>	<b>3,138</b>
Natural Gas Liquids .....	5,443	-21	478	153	--	284	451	2,497	2,821
Ethane .....	2,203	--	2	--	--	54	--	406	1,746
Propane .....	1,741	--	280	119	--	92	--	1,403	646
Normal Butane .....	498	--	205	22	--	184	119	472	-50
Isobutane .....	417	--	-10	12	--	9	172	5	233
Natural Gasoline .....	584	-21	--	0	--	-55	160	213	246
Refinery Olefins .....	--	--	301	16	--	0	--	--	317
Ethylene .....	--	--	1	--	--	0	--	--	1
Propylene .....	--	--	299	14	--	1	--	--	312
Normal Butylene .....	--	--	1	2	--	2	--	--	1
Isobutylene .....	--	--	-1	--	--	-3	--	--	2
<b>Other Liquids</b> .....	<b>--</b>	<b>1,092</b>	<b>--</b>	<b>1,457</b>	<b>454</b>	<b>-69</b>	<b>2,207</b>	<b>531</b>	<b>335</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	--	1,092	--	50	227	-22	1,162	106	124
Hydrogen .....	--	--	--	--	202	--	202	--	0
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol) ...	--	1,092	--	50	25	-22	960	106	124
Fuel Ethanol <sup>5</sup> .....	--	941	--	--	25	-16	892	90	0
Renewable Fuels Except Fuel Ethanol .....	--	152	--	50	--	-6	68	16	124
Other Hydrocarbons .....	--	--	--	--	0	0	1	--	0
Unfinished Oils .....	--	--	--	555	--	-39	37	344	212
Motor Gasoline Blend.Comp. (MGBC) <sup>5</sup> .....	--	0	--	852	226	-8	1,007	80	0
Reformulated .....	--	0	--	217	227	2	441	0	0
Conventional .....	--	0	--	635	0	-11	565	80	0
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	0	0	--	0
<b>Finished Petroleum Products</b> .....	<b>--</b>	<b>5</b>	<b>17,988</b>	<b>822</b>	<b>-252</b>	<b>-221</b>	<b>--</b>	<b>2,798</b>	<b>15,987</b>
Finished Motor Gasoline .....	--	5	9,636	175	-252	34	--	738	8,791
Reformulated .....	--	--	2,965	--	-166	0	--	--	2,799
Conventional .....	--	5	6,671	175	-86	34	--	738	5,992
Finished Aviation Gasoline .....	--	--	10	3	--	-2	--	--	15
Kerosene-Type Jet Fuel .....	--	0	1,263	141	--	52	--	74	1,279
Kerosene .....	--	--	2	--	--	-15	--	9	8
Distillate Fuel Oil <sup>5</sup> .....	--	0	4,607	198	--	-315	--	1,133	3,988
15 ppm sulfur and under .....	--	0	4,369	187	--	-245	--	887	3,914
Greater than 15 ppm to 500 ppm sulfur .....	--	0	136	11	--	-27	--	133	41
Greater than 500 ppm sulfur .....	--	--	101	0	--	-43	--	112	33
Residual Fuel Oil .....	--	--	181	156	--	12	--	182	143
Less than 0.31 percent sulfur .....	--	--	25	16	--	30	--	NA	NA
0.31 to 1.00 percent sulfur .....	--	--	87	12	--	14	--	NA	NA
Greater than 1.00 percent sulfur .....	--	--	69	128	--	-32	--	NA	NA
Petrochemical Feedstocks .....	--	--	292	14	--	5	--	--	300
Naphtha for Petro. Feed. Use .....	--	--	203	10	--	7	--	--	206
Other Oils for Petro. Feed. Use .....	--	--	89	3	--	-2	--	--	94
Special Naphthas .....	--	--	36	15	--	0	--	--	51
Lubricants .....	--	--	166	49	--	6	--	97	112
Waxes .....	--	--	5	9	--	1	--	5	7
Petroleum Coke .....	--	--	738	10	--	-24	--	547	226
Marketable .....	--	--	549	10	--	-24	--	547	37
Catalyst .....	--	--	189	--	--	--	--	--	189
Asphalt and Road Oil .....	--	--	335	54	--	26	--	13	351
Still Gas .....	--	--	638	--	--	--	--	--	638
Miscellaneous Products .....	--	--	81	0	--	0	--	1	79
<b>Total</b> .....	<b>16,612</b>	<b>1,077</b>	<b>18,767</b>	<b>8,267</b>	<b>1,108</b>	<b>-557</b>	<b>17,818</b>	<b>9,110</b>	<b>19,459</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-April 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>10,819</b>	--	--	<b>5,748</b>	<b>540</b>	<b>-2</b>	<b>14,145</b>	<b>2,963</b>	<b>0</b>
<b>Hydrocarbon Gas Liquids</b>	<b>5,006</b>	<b>-20</b>	<b>523</b>	<b>217</b>	<b>--</b>	<b>-434</b>	<b>509</b>	<b>2,317</b>	<b>3,334</b>
Natural Gas Liquids	5,006	-20	249	199	--	-430	509	2,317	3,039
Ethane	1,951	--	3	--	--	2	--	363	1,590
Propane	1,648	--	258	154	--	-236	--	1,316	980
Normal Butane	474	--	-1	38	--	-88	193	415	-9
Isobutane	391	--	-11	7	--	-10	172	3	223
Natural Gasoline	542	-20	--	0	--	-98	144	220	256
Refinery Olefins	--	--	274	18	--	-4	--	--	295
Ethylene	--	--	1	--	--	0	--	--	1
Propylene	--	--	278	16	--	-3	--	--	296
Normal Butylene	--	--	-4	2	--	0	--	--	-2
Isobutylene	--	--	0	0	--	0	--	--	0
<b>Other Liquids</b>	<b>--</b>	<b>1,059</b>	<b>--</b>	<b>1,211</b>	<b>358</b>	<b>98</b>	<b>1,811</b>	<b>520</b>	<b>199</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	1,059	--	40	190	-12	1,078	112	112
Hydrogen	--	--	--	--	193	--	193	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	1,059	--	40	-2	-12	885	112	112
Fuel Ethanol <sup>5</sup>	--	911	--	--	-2	-20	826	102	0
Renewable Fuels Except Fuel Ethanol	--	148	--	40	--	7	59	9	112
Other Hydrocarbons	--	--	--	0	0	0	0	--	0
Unfinished Oils	--	--	--	502	--	116	-49	347	87
Motor Gasoline Blend.Comp. (MGBC) <sup>5</sup>	--	0	--	669	168	-6	781	62	0
Reformulated	--	0	--	193	256	-44	493	0	0
Conventional	--	0	--	476	-89	38	288	62	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	0	0	--	0
<b>Finished Petroleum Products</b>	<b>--</b>	<b>4</b>	<b>16,811</b>	<b>861</b>	<b>-165</b>	<b>-159</b>	<b>--</b>	<b>2,503</b>	<b>15,168</b>
Finished Motor Gasoline	--	4	8,967	99	-165	-34	--	738	8,201
Reformulated	--	--	2,753	--	-228	0	--	--	2,525
Conventional	--	4	6,214	99	63	-33	--	738	5,676
Finished Aviation Gasoline	--	--	8	1	--	-1	--	--	10
Kerosene-Type Jet Fuel	--	0	1,138	118	--	16	--	75	1,166
Kerosene	--	--	9	--	--	-9	--	6	12
Distillate Fuel Oil <sup>5</sup>	--	0	4,371	347	--	-204	--	945	3,976
15 ppm sulfur and under	--	0	4,168	338	--	-190	--	794	3,901
Greater than 15 ppm to 500 ppm sulfur	--	0	117	5	--	-4	--	76	50
Greater than 500 ppm sulfur	--	--	86	3	--	-9	--	74	25
Residual Fuel Oil	--	--	192	166	--	9	--	115	234
Less than 0.31 percent sulfur	--	--	20	13	--	19	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	75	35	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	96	118	--	-10	--	NA	NA
Petrochemical Feedstocks	--	--	249	18	--	1	--	--	266
Naphtha for Petro. Feed. Use	--	--	158	14	--	2	--	--	171
Other Oils for Petro. Feed. Use	--	--	91	3	--	-1	--	--	96
Special Naphthas	--	--	30	10	--	-1	--	--	41
Lubricants	--	--	150	43	--	-11	--	97	108
Waxes	--	--	3	7	--	0	--	5	6
Petroleum Coke	--	--	698	10	--	-14	--	501	221
Marketable	--	--	518	10	--	-14	--	501	41
Catalyst	--	--	180	--	--	--	--	--	180
Asphalt and Road Oil	--	--	332	43	--	90	--	19	266
Still Gas	--	--	587	--	--	--	--	--	587
Miscellaneous Products	--	--	76	0	--	0	--	1	75
<b>Total</b>	<b>15,825</b>	<b>1,043</b>	<b>17,334</b>	<b>8,037</b>	<b>732</b>	<b>-497</b>	<b>16,465</b>	<b>8,304</b>	<b>18,700</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, April 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>2,477</b>	--	--	<b>17,836</b>	<b>1,483</b>	<b>-1,822</b>	<b>346</b>	<b>18,903</b>	<b>724</b>	<b>0</b>	<b>8,888</b>
<b>Hydrocarbon Gas Liquids</b>	<b>18,852</b>	<b>-8</b>	<b>1,016</b>	<b>1,170</b>	<b>1,452</b>	--	<b>837</b>	<b>1,222</b>	<b>8,073</b>	<b>12,350</b>	<b>7,172</b>
Natural Gas Liquids	18,852	-8	502	906	1,013	--	1,002	1,222	8,073	10,968	7,032
Ethane	7,201	--	--	--	-4,951	--	579	--	1,896	-225	1,267
Propane	6,745	--	431	766	4,875	--	378	--	3,407	9,032	4,062
Normal Butane	2,168	--	245	57	1,807	--	148	742	2,685	702	1,367
Isobutane	858	--	-174	83	-393	--	-1	122	1	252	138
Natural Gasoline	1,880	-8	--	--	-325	--	-102	358	85	1,206	198
Refinery Olefins	--	--	514	264	439	--	-165	--	--	1,382	140
Ethylene	--	--	24	--	--	--	--	--	--	24	--
Propylene	--	--	448	264	439	--	0	--	--	1,151	114
Normal Butylene	--	--	2	--	--	--	-88	--	--	90	4
Isobutylene	--	--	40	--	--	--	-77	--	--	117	22
<b>Other Liquids</b>	<b>--</b>	<b>538</b>	<b>--</b>	<b>21,221</b>	<b>56,096</b>	<b>5,019</b>	<b>-2,461</b>	<b>84,829</b>	<b>153</b>	<b>353</b>	<b>72,774</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	538	--	252	8,886	503	-182	10,034	123	204	8,329
Hydrogen	--	--	--	--	--	82	--	82	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	538	--	252	8,886	421	-182	9,952	123	204	8,329
Fuel Ethanol	--	364	--	--	8,656	421	-275	9,656	60	0	7,059
Renewable Fuels Except Fuel Ethanol	--	174	--	252	230	--	92	296	63	204	1,270
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	1,329	-21	--	-318	1,450	27	149	4,060
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	19,640	47,231	4,516	-1,961	73,345	3	0	60,385
Reformulated	--	--	--	6,516	6,389	3,397	-56	16,358	0	0	18,502
Conventional	--	--	--	13,124	40,842	1,118	-1,905	56,987	2	0	41,883
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>0</b>	<b>105,115</b>	<b>12,552</b>	<b>36,999</b>	<b>-4,937</b>	<b>-5,805</b>	<b>--</b>	<b>1,645</b>	<b>153,890</b>	<b>72,385</b>
Finished Motor Gasoline	--	--	94,896	3,845	3,682	-4,937	333	--	30	97,123	3,096
Reformulated	--	--	34,747	--	--	-3,010	0	--	--	31,737	6
Conventional	--	--	60,149	3,845	3,682	-1,927	333	--	30	65,386	3,090
Finished Aviation Gasoline	--	--	-3	1	116	--	7	--	--	107	183
Kerosene-Type Jet Fuel	--	--	1,263	1,499	10,314	--	594	--	20	12,462	10,665
Kerosene	--	--	-41	--	--	--	-217	--	1	175	1,318
Distillate Fuel Oil <sup>6</sup>	--	0	5,446	5,176	20,722	--	-5,978	--	329	36,993	41,283
15 ppm sulfur and under	--	0	5,501	5,176	20,000	--	-5,303	--	24	35,956	37,889
Greater than 15 ppm to 500 ppm sulfur	--	--	30	--	1	--	-54	--	305	-220	960
Greater than 500 ppm sulfur	--	--	-85	--	721	--	-621	--	--	1,257	2,434
Residual Fuel Oil	--	--	1,164	1,154	49	--	99	--	62	2,206	6,788
Less than 0.31 percent sulfur	--	--	-17	--	--	--	-199	--	NA	NA	663
0.31 to 1.00 percent sulfur	--	--	870	2	--	--	-375	--	NA	NA	1,446
Greater than 1.00 percent sulfur	--	--	311	1,152	49	--	673	--	NA	NA	4,679
Petrochemical Feedstocks	--	--	--	8	--	--	--	--	--	8	--
Naphtha for Petro. Feed. Use	--	--	--	7	--	--	--	--	--	7	--
Other Oils for Petro. Feed. Use	--	--	--	1	--	--	--	--	--	1	--
Special Naphthas	--	--	16	2	--	--	1	--	--	17	39
Lubricants	--	--	242	109	552	--	-44	--	160	787	940
Waxes	--	--	-26	119	--	--	-28	--	100	21	231
Petroleum Coke	--	--	662	--	649	--	--	--	860	451	--
Marketable	--	--	248	--	649	--	--	--	860	37	--
Catalyst	--	--	414	--	--	--	--	--	--	414	--
Asphalt and Road Oil	--	--	550	639	915	--	-567	--	67	2,604	7,793
Still Gas	--	--	861	--	--	--	--	--	--	861	--
Miscellaneous Products	--	--	85	--	--	--	-5	--	15	75	49
<b>Total</b>	<b>21,329</b>	<b>530</b>	<b>106,131</b>	<b>52,779</b>	<b>96,030</b>	<b>-1,740</b>	<b>-7,083</b>	<b>104,954</b>	<b>10,595</b>	<b>166,593</b>	<b>161,220</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-April 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>9,357</b>	--	--	<b>59,142</b>	<b>9,588</b>	<b>-1,001</b>	<b>-978</b>	<b>74,966</b>	<b>3,099</b>	<b>0</b>	<b>8,888</b>
<b>Hydrocarbon Gas Liquids</b>	<b>74,991</b>	<b>-36</b>	<b>1,927</b>	<b>6,534</b>	<b>10,750</b>	--	<b>-5,152</b>	<b>5,021</b>	<b>33,519</b>	<b>60,777</b>	<b>7,172</b>
Natural Gas Liquids	74,991	-36	28	5,391	9,168	--	-4,969	5,021	33,519	55,970	7,032
Ethane	28,800	--	--	--	-19,693	--	129	--	9,141	-163	1,267
Propane	26,755	--	1,668	4,891	24,749	--	-4,099	--	15,808	46,354	4,062
Normal Butane	8,511	--	-1,109	342	6,852	--	-637	3,301	8,255	3,677	1,367
Isobutane	3,472	--	-531	158	-1,417	--	-81	526	4	1,233	138
Natural Gasoline	7,453	-36	--	--	-1,323	--	-281	1,194	311	4,869	198
Refinery Olefins	--	--	1,899	1,143	1,582	--	-183	--	--	4,807	140
Ethylene	--	--	70	--	--	--	--	--	--	70	--
Propylene	--	--	1,708	1,143	1,582	--	-31	--	--	4,464	114
Normal Butylene	--	--	-5	--	--	--	-132	--	--	127	4
Isobutylene	--	--	126	--	--	--	-20	--	--	146	22
<b>Other Liquids</b>	<b>--</b>	<b>2,086</b>	<b>--</b>	<b>73,439</b>	<b>215,113</b>	<b>20,990</b>	<b>-3,124</b>	<b>312,290</b>	<b>615</b>	<b>1,847</b>	<b>72,774</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	2,086	--	648	33,361	2,736	-263	37,721	470	904	8,329
Hydrogen	--	--	--	--	--	315	--	315	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	2,086	--	648	33,361	2,421	-263	37,406	470	904	8,329
Fuel Ethanol	--	1,433	--	--	32,296	2,421	-172	36,047	274	0	7,059
Renewable Fuels Except Fuel Ethanol	--	654	--	648	1,066	--	-91	1,359	195	904	1,270
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	7,291	-126	--	732	5,359	132	942	4,060
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	65,500	181,878	18,253	-3,593	269,210	14	0	60,385
Reformulated	--	--	--	23,199	25,591	7,115	-3,462	59,365	2	0	18,502
Conventional	--	--	--	42,301	156,287	11,139	-131	209,845	13	0	41,883
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>1</b>	<b>394,898</b>	<b>59,057</b>	<b>139,119</b>	<b>-20,675</b>	<b>-20,362</b>	<b>--</b>	<b>8,653</b>	<b>584,109</b>	<b>72,385</b>
Finished Motor Gasoline	--	--	351,851	8,877	13,809	-20,675	-1,466	--	537	354,791	3,096
Reformulated	--	--	129,894	--	--	-5,456	-24	--	--	124,462	6
Conventional	--	--	221,957	8,877	13,809	-15,219	-1,442	--	537	230,329	3,090
Finished Aviation Gasoline	--	--	-9	17	235	--	-27	--	--	270	183
Kerosene-Type Jet Fuel	--	--	5,053	4,234	36,642	--	515	--	563	44,851	10,665
Kerosene	--	--	124	--	473	--	-886	--	3	1,480	1,318
Distillate Fuel Oil <sup>6</sup>	--	1	23,023	37,029	80,609	--	-19,337	--	2,074	157,925	41,283
15 ppm sulfur and under	--	1	23,179	37,029	78,321	--	-18,324	--	1,464	155,390	37,889
Greater than 15 ppm to 500 ppm sulfur	--	--	103	--	2	--	-447	--	606	-54	960
Greater than 500 ppm sulfur	--	--	-259	--	2,286	--	-566	--	4	2,589	2,434
Residual Fuel Oil	--	--	4,233	5,263	49	--	-1,226	--	1,536	9,235	6,788
Less than 0.31 percent sulfur	--	--	-97	200	--	--	-264	--	NA	NA	663
0.31 to 1.00 percent sulfur	--	--	3,232	1,899	--	--	-904	--	NA	NA	1,446
Greater than 1.00 percent sulfur	--	--	1,098	3,164	49	--	-58	--	NA	NA	4,679
Petrochemical Feedstocks	--	--	--	339	--	--	--	--	--	339	--
Naphtha for Petro. Feed. Use	--	--	--	329	--	--	--	--	--	329	--
Other Oils for Petro. Feed. Use	--	--	--	10	--	--	--	--	--	10	--
Special Naphthas	--	--	47	12	--	--	-3	--	--	62	39
Lubricants	--	--	1,295	521	1,797	--	-203	--	669	3,147	940
Waxes	--	--	-70	424	--	--	-30	--	326	58	231
Petroleum Coke	--	--	2,471	7	1,497	--	--	--	2,605	1,370	--
Marketable	--	--	905	7	1,497	--	--	--	2,605	-196	--
Catalyst	--	--	1,566	--	--	--	--	--	--	1,566	--
Asphalt and Road Oil	--	--	3,297	2,334	4,008	--	2,309	--	281	7,049	7,793
Still Gas	--	--	3,245	--	--	--	--	--	--	3,245	--
Miscellaneous Products	--	--	338	--	--	--	-8	--	60	286	49
<b>Total</b>	<b>84,348</b>	<b>2,052</b>	<b>396,825</b>	<b>198,172</b>	<b>374,571</b>	<b>-686</b>	<b>-29,615</b>	<b>392,277</b>	<b>45,886</b>	<b>646,734</b>	<b>161,220</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, April 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>83</b>	<b>--</b>	<b>--</b>	<b>595</b>	<b>49</b>	<b>-61</b>	<b>12</b>	<b>630</b>	<b>24</b>	<b>0</b>
<b>Hydrocarbon Gas Liquids</b>	<b>628</b>	<b>0</b>	<b>34</b>	<b>39</b>	<b>48</b>	<b>--</b>	<b>28</b>	<b>41</b>	<b>269</b>	<b>412</b>
Natural Gas Liquids	628	0	17	30	34	--	33	41	269	366
Ethane	240	--	--	--	-165	--	19	--	63	-7
Propane	225	--	14	26	163	--	13	--	114	301
Normal Butane	72	--	8	2	60	--	5	25	89	23
Isobutane	29	--	-6	3	-13	--	0	4	0	8
Natural Gasoline	63	0	--	--	-11	--	-3	12	3	40
Refinery Olefins	--	--	17	9	15	--	-6	--	--	46
Ethylene	--	--	1	--	--	--	--	--	--	1
Propylene	--	--	15	9	15	--	0	--	--	38
Normal Butylene	--	--	0	--	--	--	-3	--	--	3
Isobutylene	--	--	1	--	--	--	-3	--	--	4
<b>Other Liquids</b>	<b>--</b>	<b>18</b>	<b>--</b>	<b>707</b>	<b>1,870</b>	<b>167</b>	<b>-82</b>	<b>2,828</b>	<b>5</b>	<b>12</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	18	--	8	296	17	-6	334	4	7
Hydrogen	--	--	--	--	--	3	--	3	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	18	--	8	296	14	-6	332	4	7
Fuel Ethanol <sup>6</sup>	--	12	--	--	289	14	-9	322	2	0
Renewable Fuels Except Fuel Ethanol	--	6	--	8	8	--	3	10	2	7
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	44	-1	--	-11	48	1	5
Motor Gasoline Blend Comp. (MGBC) <sup>6</sup>	--	--	--	655	1,574	151	-65	2,445	0	0
Reformulated	--	--	--	217	213	113	-2	545	0	0
Conventional	--	--	--	437	1,361	37	-64	1,900	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>0</b>	<b>3,504</b>	<b>418</b>	<b>1,233</b>	<b>-165</b>	<b>-193</b>	<b>--</b>	<b>55</b>	<b>5,130</b>
Finished Motor Gasoline	--	--	3,163	128	123	-165	11	--	1	3,237
Reformulated	--	--	1,158	--	--	-100	0	--	--	1,058
Conventional	--	--	2,005	128	123	-64	11	--	1	2,180
Finished Aviation Gasoline	--	--	0	0	4	--	0	--	--	4
Kerosene-Type Jet Fuel	--	--	42	50	344	--	20	--	1	415
Kerosene	--	--	-1	--	--	--	-7	--	0	6
Distillate Fuel Oil <sup>6</sup>	--	0	182	173	691	--	-199	--	11	1,233
15 ppm sulfur and under	--	0	183	173	667	--	-177	--	1	1,199
Greater than 15 ppm to 500 ppm sulfur	--	--	1	--	0	--	-2	--	10	-7
Greater than 500 ppm sulfur	--	--	-3	--	24	--	-21	--	--	42
Residual Fuel Oil	--	--	39	38	2	--	3	--	2	74
Less than 0.31 percent sulfur	--	--	-1	--	--	--	-7	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	29	0	--	--	-13	--	NA	NA
Greater than 1.00 percent sulfur	--	--	10	38	2	--	22	--	NA	NA
Petrochemical Feedstocks	--	--	--	0	--	--	--	--	--	0
Naphtha for Petro. Feed. Use	--	--	--	0	--	--	--	--	--	0
Other Oils for Petro. Feed. Use	--	--	--	0	--	--	--	--	--	0
Special Naphthas	--	--	1	0	--	--	0	--	--	1
Lubricants	--	--	8	4	18	--	-1	--	5	26
Waxes	--	--	-1	4	--	--	-1	--	3	1
Petroleum Coke	--	--	22	--	22	--	--	--	29	15
Marketable	--	--	8	--	22	--	--	--	29	1
Catalyst	--	--	14	--	--	--	--	--	--	14
Asphalt and Road Oil	--	--	18	21	31	--	-19	--	2	87
Still Gas	--	--	29	--	--	--	--	--	--	29
Miscellaneous Products	--	--	3	--	--	--	0	--	0	3
<b>Total</b>	<b>711</b>	<b>18</b>	<b>3,538</b>	<b>1,759</b>	<b>3,201</b>	<b>-58</b>	<b>-236</b>	<b>3,498</b>	<b>353</b>	<b>5,553</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-April 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>493</b>	<b>80</b>	<b>-8</b>	<b>-8</b>	<b>625</b>	<b>26</b>	<b>0</b>
<b>Hydrocarbon Gas Liquids</b>	<b>625</b>	<b>0</b>	<b>16</b>	<b>54</b>	<b>90</b>	<b>--</b>	<b>-43</b>	<b>42</b>	<b>279</b>	<b>506</b>
Natural Gas Liquids	625	0	0	45	76	--	-41	42	279	466
Ethane	240	--	--	--	-164	--	1	--	76	-1
Propane	223	--	14	41	206	--	-34	--	132	386
Normal Butane	71	--	-9	3	57	--	-5	28	69	31
Isobutane	29	--	-4	1	-12	--	-1	4	0	10
Natural Gasoline	62	0	--	--	-11	--	-2	10	3	41
Refinery Olefins	--	--	16	10	13	--	-2	--	--	40
Ethylene	--	--	1	--	--	--	--	--	--	1
Propylene	--	--	14	10	13	--	0	--	--	37
Normal Butylene	--	--	0	--	--	--	-1	--	--	1
Isobutylene	--	--	1	--	--	--	0	--	--	1
<b>Other Liquids</b>	<b>--</b>	<b>17</b>	<b>--</b>	<b>612</b>	<b>1,793</b>	<b>175</b>	<b>-26</b>	<b>2,602</b>	<b>5</b>	<b>15</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	17	--	5	278	23	-2	314	4	8
Hydrogen	--	--	--	--	--	3	--	3	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	17	--	5	278	20	-2	312	4	8
Fuel Ethanol <sup>6</sup>	--	12	--	--	269	20	-1	300	2	0
Renewable Fuels Except Fuel Ethanol	--	5	--	5	9	--	-1	11	2	8
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	61	-1	--	6	45	1	8
Motor Gasoline Blend Comp. (MGBC) <sup>6</sup>	--	--	--	546	1,516	152	-30	2,243	0	0
Reformulated	--	--	--	193	213	59	-29	495	0	0
Conventional	--	--	--	353	1,302	93	-1	1,749	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>0</b>	<b>3,291</b>	<b>492</b>	<b>1,159</b>	<b>-172</b>	<b>-170</b>	<b>--</b>	<b>72</b>	<b>4,868</b>
Finished Motor Gasoline	--	--	2,932	74	115	-172	-12	--	4	2,957
Reformulated	--	--	1,082	--	--	-45	0	--	--	1,037
Conventional	--	--	1,850	74	115	-127	-12	--	4	1,919
Finished Aviation Gasoline	--	--	0	0	2	--	0	--	--	2
Kerosene-Type Jet Fuel	--	--	42	35	305	--	4	--	5	374
Kerosene	--	--	1	--	4	--	-7	--	0	12
Distillate Fuel Oil <sup>6</sup>	--	--	192	309	672	--	-161	--	17	1,316
15 ppm sulfur and under	--	--	193	309	653	--	-153	--	12	1,295
Greater than 15 ppm to 500 ppm sulfur	--	--	1	--	0	--	-4	--	5	0
Greater than 500 ppm sulfur	--	--	-2	--	19	--	-5	--	0	22
Residual Fuel Oil	--	--	35	44	0	--	-10	--	13	77
Less than 0.31 percent sulfur	--	--	-1	2	--	--	-2	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	27	16	--	--	-8	--	NA	NA
Greater than 1.00 percent sulfur	--	--	9	26	0	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	3	--	--	--	--	--	3
Naphtha for Petro. Feed. Use	--	--	--	3	--	--	--	--	--	3
Other Oils for Petro. Feed. Use	--	--	--	0	--	--	--	--	--	0
Special Naphthas	--	--	0	0	--	--	0	--	--	1
Lubricants	--	--	11	4	15	--	-2	--	6	26
Waxes	--	--	-1	4	--	--	0	--	3	0
Petroleum Coke	--	--	21	0	12	--	--	--	22	11
Marketable	--	--	8	0	12	--	--	--	22	-2
Catalyst	--	--	13	--	--	--	--	--	--	13
Asphalt and Road Oil	--	--	27	19	33	--	19	--	2	59
Still Gas	--	--	27	--	--	--	--	--	--	27
Miscellaneous Products	--	--	3	--	--	--	0	--	1	2
<b>Total</b>	<b>703</b>	<b>17</b>	<b>3,307</b>	<b>1,651</b>	<b>3,121</b>	<b>-6</b>	<b>-247</b>	<b>3,269</b>	<b>382</b>	<b>5,389</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, April 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>48,081</b>	--	--	<b>74,316</b>	<b>-16,271</b>	<b>6,609</b>	<b>6,363</b>	<b>103,620</b>	<b>2,752</b>	<b>0</b>	<b>133,827</b>
<b>Hydrocarbon Gas Liquids</b>	<b>32,200</b>	<b>-596</b>	<b>5,111</b>	<b>2,262</b>	<b>-23,991</b>	--	<b>1,447</b>	<b>2,337</b>	<b>9,324</b>	<b>1,879</b>	<b>34,735</b>
Natural Gas Liquids	32,200	-596	3,789	2,055	-23,090	--	1,294	2,337	9,324	1,404	34,267
Ethane	12,278	--	--	--	-6,703	--	-51	--	2,976	2,650	6,255
Propane	10,899	--	2,134	1,582	-14,623	--	503	--	149	-660	10,121
Normal Butane	3,765	--	1,709	207	-5,229	--	1,605	544	105	-1,802	6,129
Isobutane	1,800	--	-54	262	-478	--	23	1,146	2	359	2,000
Natural Gasoline	3,458	-596	--	4	3,943	--	-786	647	6,092	856	9,762
Refinery Olefins	--	--	1,322	207	-901	--	153	--	--	475	468
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	1,205	156	-901	--	85	--	--	375	348
Normal Butylene	--	--	117	51	--	--	68	--	--	100	120
Isobutylene	--	--	--	--	--	--	0	--	--	0	0
<b>Other Liquids</b>	--	<b>29,154</b>	--	<b>427</b>	<b>-12,223</b>	<b>1,583</b>	<b>-4,603</b>	<b>21,344</b>	<b>2,544</b>	<b>-344</b>	<b>65,762</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	29,154	--	111	-19,676	330	-745	8,816	820	1,028	9,051
Hydrogen	--	--	--	--	--	1,016	--	1,016	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	29,154	--	111	-19,676	-700	-735	7,776	820	1,028	9,035
Fuel Ethanol	--	26,790	--	--	-18,731	-700	-465	7,263	561	0	8,011
Renewable Fuels Except Fuel Ethanol	--	2,364	--	111	-945	--	-270	513	259	1,028	1,024
Other Hydrocarbons	--	--	--	--	--	14	-10	24	--	0	16
Unfinished Oils	--	--	--	2	-74	--	-1,807	1,484	1,624	-1,373	13,488
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	314	7,527	1,253	-2,051	11,044	101	0	43,222
Reformulated	--	0	--	--	2,265	-133	78	2,054	--	0	5,831
Conventional	--	--	--	314	5,262	1,386	-2,129	8,990	101	0	37,391
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	--	<b>127</b>	<b>127,845</b>	<b>1,389</b>	<b>5,188</b>	<b>-553</b>	<b>-1,621</b>	--	<b>1,101</b>	<b>134,515</b>	<b>57,768</b>
Finished Motor Gasoline	--	123	75,064	--	1,514	-553	539	--	257	75,352	5,958
Reformulated	--	--	9,858	--	--	245	--	--	--	10,103	--
Conventional	--	123	65,206	--	1,514	-799	539	--	257	65,248	5,958
Finished Aviation Gasoline	--	--	29	4	35	--	-4	--	--	72	186
Kerosene-Type Jet Fuel	--	--	6,931	--	795	--	174	--	16	7,536	6,428
Kerosene	--	--	55	--	--	--	-9	--	2	62	96
Distillate Fuel Oil	--	3	30,210	95	5,204	--	-2,819	--	122	38,209	26,096
15 ppm sulfur and under	--	3	30,000	94	5,088	--	-3,039	--	1	38,223	25,378
Greater than 15 ppm to 500 ppm sulfur	--	--	110	--	116	--	-37	--	17	246	263
Greater than 500 ppm sulfur	--	--	100	1	--	--	257	--	104	-260	455
Residual Fuel Oil	--	--	991	72	-473	--	-19	--	146	463	1,150
Less than 0.31 percent sulfur	--	--	62	--	--	--	7	--	NA	NA	49
0.31 to 1.00 percent sulfur	--	--	405	21	-345	--	-42	--	NA	NA	183
Greater than 1.00 percent sulfur	--	--	524	51	-128	--	16	--	NA	NA	918
Petrochemical Feedstocks	--	--	981	146	-97	--	-48	--	--	1,078	506
Naphtha for Petro. Feed. Use	--	--	635	73	-97	--	-32	--	--	643	417
Other Oils for Petro. Feed. Use	--	--	346	73	--	--	-16	--	--	435	89
Special Naphthas	--	--	12	10	29	--	6	--	--	45	147
Lubricants	--	--	249	212	157	--	88	--	174	356	671
Waxes	--	--	45	25	--	--	8	--	28	34	30
Petroleum Coke	--	--	4,247	34	-1,042	--	-354	--	271	3,322	1,878
Marketable	--	--	2,990	34	-1,042	--	-354	--	271	2,065	1,878
Catalyst	--	--	1,257	--	--	--	--	--	--	1,257	--
Asphalt and Road Oil	--	--	4,946	791	-944	--	837	--	82	3,874	14,551
Still Gas	--	--	3,724	--	--	--	--	--	--	3,724	--
Miscellaneous Products	--	--	361	--	10	--	-20	--	3	388	71
<b>Total</b>	<b>80,281</b>	<b>28,684</b>	<b>132,956</b>	<b>78,394</b>	<b>-47,297</b>	<b>7,639</b>	<b>1,586</b>	<b>127,301</b>	<b>15,721</b>	<b>136,050</b>	<b>292,091</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-April 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>192,287</b>	--	--	<b>325,451</b>	<b>-106,319</b>	<b>8,710</b>	<b>-13,332</b>	<b>420,539</b>	<b>12,922</b>	<b>0</b>	<b>133,827</b>
<b>Hydrocarbon Gas Liquids</b>	<b>120,003</b>	<b>-2,250</b>	<b>10,993</b>	<b>11,011</b>	<b>-77,089</b>	--	<b>-12,415</b>	<b>9,992</b>	<b>37,199</b>	<b>27,893</b>	<b>34,735</b>
Natural Gas Liquids	120,003	-2,250	5,669	10,040	-73,225	--	-12,456	9,992	37,199	25,503	34,267
Ethane	43,038	--	--	--	-20,316	--	440	--	10,810	11,472	6,255
Propane	42,396	--	8,099	7,468	-47,373	--	-9,860	--	500	19,950	10,121
Normal Butane	14,385	--	-2,205	1,938	-16,882	--	-1,784	2,982	422	-4,384	6,129
Isobutane	7,092	--	-225	612	-1,175	--	111	5,090	9	1,094	2,000
Natural Gasoline	13,092	-2,250	--	22	12,521	--	-1,363	1,920	25,458	-2,629	9,762
Refinery Olefins	--	--	5,324	971	-3,864	--	41	--	--	2,390	468
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	5,169	721	-3,864	--	-33	--	--	2,059	348
Normal Butylene	--	--	155	230	--	--	74	--	--	311	120
Isobutylene	--	--	--	20	--	--	0	--	--	20	0
<b>Other Liquids</b>	<b>--</b>	<b>113,899</b>	<b>--</b>	<b>1,515</b>	<b>-57,347</b>	<b>-2,700</b>	<b>-100</b>	<b>48,905</b>	<b>8,562</b>	<b>-2,001</b>	<b>65,762</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	113,900	--	255	-74,854	-1,741	-1,774	32,690	2,358	4,286	9,051
Hydrogen	--	--	--	--	--	4,393	--	4,393	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	113,900	--	255	-74,854	-6,191	-1,777	28,243	2,358	4,286	9,035
Fuel Ethanol	--	104,129	--	--	-70,986	-6,191	-1,723	26,810	1,865	0	8,011
Renewable Fuels Except Fuel Ethanol	--	9,771	--	255	-3,869	--	-54	1,433	493	4,286	1,024
Other Hydrocarbons	--	--	--	--	--	57	3	54	--	0	16
Unfinished Oils	--	--	--	23	-1,037	--	1,974	-2,648	5,947	-6,287	13,488
Motor Gasoline Blend.Comp. (MGBC)	--	-1	--	1,237	18,544	-959	-300	18,863	257	0	43,222
Reformulated	--	-1	--	--	3,469	4,078	652	6,893	--	0	5,831
Conventional	--	--	--	1,237	15,075	-5,037	-952	11,970	257	0	37,391
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>402</b>	<b>494,665</b>	<b>5,337</b>	<b>9,064</b>	<b>7,150</b>	<b>2,013</b>	<b>--</b>	<b>3,526</b>	<b>511,079</b>	<b>57,768</b>
Finished Motor Gasoline	--	397	277,928	--	1,053	7,150	-1,398	--	900	287,027	5,958
Reformulated	--	--	37,454	--	--	-3,547	--	--	--	33,907	--
Conventional	--	397	240,474	--	1,053	10,697	-1,398	--	900	253,119	5,958
Finished Aviation Gasoline	--	--	59	15	55	--	5	--	--	124	186
Kerosene-Type Jet Fuel	--	--	24,613	--	2,728	--	-114	--	108	27,347	6,428
Kerosene	--	--	669	--	--	--	-102	--	4	767	96
Distillate Fuel Oil	--	4	125,570	697	13,200	--	-1,928	--	372	141,028	26,096
15 ppm sulfur and under	--	4	125,447	691	12,977	--	-2,048	--	6	141,162	25,378
Greater than 15 ppm to 500 ppm sulfur	--	--	373	3	223	--	-39	--	68	570	263
Greater than 500 ppm sulfur	--	--	-250	3	--	--	159	--	298	-704	455
Residual Fuel Oil	--	--	3,931	875	-1,783	--	21	--	575	2,427	1,150
Less than 0.31 percent sulfur	--	--	288	--	--	--	-24	--	NA	NA	49
0.31 to 1.00 percent sulfur	--	--	1,320	167	-973	--	-53	--	NA	NA	183
Greater than 1.00 percent sulfur	--	--	2,323	708	-810	--	98	--	NA	NA	918
Petrochemical Feedstocks	--	--	3,505	569	-310	--	-98	--	--	3,862	506
Naphtha for Petro. Feed. Use	--	--	2,176	305	-241	--	-65	--	--	2,305	417
Other Oils for Petro. Feed. Use	--	--	1,329	264	-69	--	-33	--	--	1,557	89
Special Naphthas	--	--	35	31	90	--	-4	--	--	160	147
Lubricants	--	--	614	846	807	--	40	--	708	1,519	671
Waxes	--	--	106	72	--	--	-10	--	127	61	30
Petroleum Coke	--	--	20,050	129	-3,352	--	243	--	376	16,208	1,878
Marketable	--	--	14,740	129	-3,352	--	243	--	376	10,898	1,878
Catalyst	--	--	5,310	--	--	--	--	--	--	5,310	--
Asphalt and Road Oil	--	--	20,304	2,103	-3,445	--	5,394	--	348	13,221	14,551
Still Gas	--	--	15,542	--	--	--	--	--	--	15,542	--
Miscellaneous Products	--	--	1,739	--	20	--	-36	--	10	1,785	71
<b>Total</b>	<b>312,290</b>	<b>112,051</b>	<b>505,658</b>	<b>343,314</b>	<b>-231,692</b>	<b>13,160</b>	<b>-23,834</b>	<b>479,436</b>	<b>62,209</b>	<b>536,971</b>	<b>292,091</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, April 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>1,603</b>	--	--	<b>2,477</b>	<b>-542</b>	<b>220</b>	<b>212</b>	<b>3,454</b>	<b>92</b>	<b>0</b>
<b>Hydrocarbon Gas Liquids</b>	<b>1,073</b>	<b>-20</b>	<b>170</b>	<b>75</b>	<b>-800</b>	--	<b>48</b>	<b>78</b>	<b>311</b>	<b>63</b>
Natural Gas Liquids	1,073	-20	126	69	-770	--	43	78	311	47
Ethane	409	--	--	--	-223	--	-2	--	99	88
Propane	363	--	71	53	-487	--	17	--	5	-22
Normal Butane	126	--	57	7	-174	--	54	18	3	-60
Isobutane	60	--	-2	9	-16	--	1	38	0	12
Natural Gasoline	115	-20	--	0	131	--	-26	22	203	29
Refinery Olefins	--	--	44	7	-30	--	5	--	--	16
Ethylene	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	40	5	-30	--	3	--	--	13
Normal Butylene	--	--	4	2	--	--	2	--	--	3
Isobutylene	--	--	--	--	--	--	0	--	--	0
<b>Other Liquids</b>	--	<b>972</b>	--	<b>14</b>	<b>-407</b>	<b>53</b>	<b>-153</b>	<b>711</b>	<b>85</b>	<b>-11</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	972	--	4	-656	11	-25	294	27	34
Hydrogen	--	--	--	--	--	34	--	34	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	972	--	4	-656	-23	-24	259	27	34
Fuel Ethanol	--	893	--	--	-624	-23	-15	242	19	0
Renewable Fuels Except Fuel Ethanol	--	79	--	4	-32	--	-9	17	9	34
Other Hydrocarbons	--	--	--	--	--	0	0	1	--	0
Unfinished Oils	--	--	--	0	-2	--	-60	49	54	-46
Motor Gasoline Blend Comp. (MGBC)	--	0	--	10	251	42	-68	368	3	0
Reformulated	--	0	--	--	76	-4	3	68	--	0
Conventional	--	--	--	10	175	46	-71	300	3	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	--	<b>4</b>	<b>4,262</b>	<b>46</b>	<b>173</b>	<b>-18</b>	<b>-54</b>	--	<b>37</b>	<b>4,484</b>
Finished Motor Gasoline	--	4	2,502	--	50	-18	18	--	9	2,512
Reformulated	--	--	329	--	--	8	--	--	--	337
Conventional	--	4	2,174	--	50	-27	18	--	9	2,175
Finished Aviation Gasoline	--	--	1	0	1	--	0	--	--	2
Kerosene-Type Jet Fuel	--	--	231	--	27	--	6	--	1	251
Kerosene	--	--	2	--	--	--	0	--	0	2
Distillate Fuel Oil	--	0	1,007	3	173	--	-94	--	4	1,274
15 ppm sulfur and under	--	0	1,000	3	170	--	-101	--	0	1,274
Greater than 15 ppm to 500 ppm sulfur	--	--	4	--	4	--	-1	--	1	8
Greater than 500 ppm sulfur	--	--	3	0	--	--	9	--	3	-9
Residual Fuel Oil	--	--	33	2	-16	--	-1	--	5	15
Less than 0.31 percent sulfur	--	--	2	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	14	1	-12	--	-1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	17	2	-4	--	1	--	NA	NA
Petrochemical Feedstocks	--	--	33	5	-3	--	-2	--	--	36
Naphtha for Petro. Feed. Use	--	--	21	2	-3	--	-1	--	--	21
Other Oils for Petro. Feed. Use	--	--	12	2	--	--	-1	--	--	15
Special Naphthas	--	--	0	0	1	--	0	--	--	2
Lubricants	--	--	8	7	5	--	3	--	6	12
Waxes	--	--	2	1	--	--	0	--	1	1
Petroleum Coke	--	--	142	1	-35	--	-12	--	9	111
Marketable	--	--	100	1	-35	--	-12	--	9	69
Catalyst	--	--	42	--	--	--	--	--	--	42
Asphalt and Road Oil	--	--	165	26	-31	--	28	--	3	129
Still Gas	--	--	124	--	--	--	--	--	--	124
Miscellaneous Products	--	--	12	--	0	--	-1	--	0	13
<b>Total</b>	<b>2,676</b>	<b>956</b>	<b>4,432</b>	<b>2,613</b>	<b>-1,577</b>	<b>255</b>	<b>53</b>	<b>4,243</b>	<b>524</b>	<b>4,535</b>

-- = Not Applicable.

NA = 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-April 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>1,602</b>	--	--	<b>2,712</b>	<b>-886</b>	<b>73</b>	<b>-111</b>	<b>3,504</b>	<b>108</b>	<b>0</b>
<b>Hydrocarbon Gas Liquids</b>	<b>1,000</b>	<b>-19</b>	<b>92</b>	<b>92</b>	<b>-642</b>	--	<b>-103</b>	<b>83</b>	<b>310</b>	<b>232</b>
Natural Gas Liquids	1,000	-19	47	84	-610	--	-104	83	310	213
Ethane	359	--	--	--	-169	--	4	--	90	96
Propane	353	--	67	62	-395	--	-82	--	4	166
Normal Butane	120	--	-18	16	-141	--	-15	25	4	-37
Isobutane	59	--	-2	5	-10	--	1	42	0	9
Natural Gasoline	109	-19	--	0	104	--	-11	16	212	-22
Refinery Olefins	--	--	44	8	-32	--	0	--	--	20
Ethylene	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	43	6	-32	--	0	--	--	17
Normal Butylene	--	--	1	2	--	--	1	--	--	3
Isobutylene	--	--	--	--	--	--	0	--	--	0
<b>Other Liquids</b>	<b>--</b>	<b>949</b>	<b>--</b>	<b>13</b>	<b>-478</b>	<b>-23</b>	<b>-1</b>	<b>408</b>	<b>71</b>	<b>-17</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	949	--	2	-624	-15	-15	272	20	36
Hydrogen	--	--	--	--	--	37	--	37	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	949	--	2	-624	-52	-15	235	20	36
Fuel Ethanol	--	868	--	--	-592	-52	-14	223	16	0
Renewable Fuels Except Fuel Ethanol	--	81	--	2	-32	--	0	12	4	36
Other Hydrocarbons	--	--	--	--	--	0	0	0	--	0
Unfinished Oils	--	--	--	0	-9	--	16	-22	50	-52
Motor Gasoline Blend Comp. (MGBC)	--	0	--	10	155	-8	-2	157	2	0
Reformulated	--	0	--	--	29	34	5	57	--	0
Conventional	--	--	--	10	126	-42	-8	100	2	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>3</b>	<b>4,122</b>	<b>44</b>	<b>76</b>	<b>60</b>	<b>17</b>	<b>--</b>	<b>29</b>	<b>4,259</b>
Finished Motor Gasoline	--	3	2,316	--	9	60	-12	--	7	2,392
Reformulated	--	--	312	--	--	-30	--	--	--	283
Conventional	--	3	2,004	--	9	89	-12	--	7	2,109
Finished Aviation Gasoline	--	--	0	0	0	--	0	--	--	1
Kerosene-Type Jet Fuel	--	--	205	--	23	--	-1	--	1	228
Kerosene	--	--	6	--	--	--	-1	--	0	6
Distillate Fuel Oil	--	0	1,046	6	110	--	-16	--	3	1,175
15 ppm sulfur and under	--	0	1,045	6	108	--	-17	--	0	1,176
Greater than 15 ppm to 500 ppm sulfur	--	--	3	0	2	--	0	--	1	5
Greater than 500 ppm sulfur	--	--	-2	0	--	--	1	--	2	-6
Residual Fuel Oil	--	--	33	7	-15	--	0	--	5	20
Less than 0.31 percent sulfur	--	--	2	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	11	1	-8	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	19	6	-7	--	1	--	NA	NA
Petrochemical Feedstocks	--	--	29	5	-3	--	-1	--	--	32
Naphtha for Petro. Feed. Use	--	--	18	3	-2	--	-1	--	--	19
Other Oils for Petro. Feed. Use	--	--	11	2	-1	--	0	--	--	13
Special Naphthas	--	--	0	0	1	--	0	--	--	1
Lubricants	--	--	5	7	7	--	0	--	6	13
Waxes	--	--	1	1	--	--	0	--	1	1
Petroleum Coke	--	--	167	1	-28	--	2	--	3	135
Marketable	--	--	123	1	-28	--	2	--	3	91
Catalyst	--	--	44	--	--	--	--	--	--	44
Asphalt and Road Oil	--	--	169	18	-29	--	45	--	3	110
Still Gas	--	--	130	--	--	--	--	--	--	130
Miscellaneous Products	--	--	14	--	0	--	0	--	0	15
<b>Total</b>	<b>2,602</b>	<b>934</b>	<b>4,214</b>	<b>2,861</b>	<b>-1,931</b>	<b>110</b>	<b>-199</b>	<b>3,995</b>	<b>518</b>	<b>4,475</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, April 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>236,563</b>	--	--	<b>36,361</b>	<b>25,724</b>	<b>23,281</b>	<b>-24,829</b>	<b>254,083</b>	<b>92,675</b>	<b>0</b>	<b>907,066</b>
<b>Hydrocarbon Gas Liquids</b>	<b>94,817</b>	<b>-11</b>	<b>14,928</b>	--	<b>30,857</b>	--	<b>5,435</b>	<b>7,601</b>	<b>55,474</b>	<b>72,081</b>	<b>126,457</b>
Natural Gas Liquids	94,817	-11	7,998	--	30,395	--	5,472	7,601	55,474	64,652	125,385
Ethane	41,852	--	69	--	14,998	--	971	--	7,302	48,646	61,098
Propane	28,744	--	4,549	--	12,215	--	1,623	--	37,487	6,398	24,888
Normal Butane	6,508	--	3,557	--	4,313	--	3,462	1,554	10,485	-1,123	20,916
Isobutane	8,557	--	-177	--	1,401	--	153	3,146	133	6,349	8,035
Natural Gasoline	9,156	-11	--	--	-2,532	--	-737	2,901	66	4,383	10,448
Refinery Olefins	--	--	6,930	--	462	--	-37	--	--	7,429	1,072
Ethylene	--	--	6	--	--	--	0	--	--	6	0
Propylene	--	--	7,131	--	462	--	-62	--	--	7,655	617
Normal Butylene	--	--	-143	--	--	--	28	--	--	-171	430
Isobutylene	--	--	-64	--	--	--	-3	--	--	-61	25
<b>Other Liquids</b>	<b>--</b>	<b>1,928</b>	<b>--</b>	<b>17,670</b>	<b>-54,448</b>	<b>7,357</b>	<b>5,872</b>	<b>-52,874</b>	<b>12,777</b>	<b>6,732</b>	<b>138,831</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	1,928	--	104	5,577	3,725	127	8,345	1,959	903	6,418
Hydrogen	--	--	--	--	--	3,399	--	3,399	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	1,928	--	104	5,577	326	127	4,946	1,959	903	6,418
Fuel Ethanol	--	527	--	--	5,372	326	-202	4,547	1,880	0	4,651
Renewable Fuels Except Fuel Ethanol	--	1,401	--	104	205	--	329	399	79	903	1,768
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	12,732	95	--	987	-2,647	8,645	5,842	53,456
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	4,834	-60,120	3,632	4,752	-58,579	2,173	0	78,927
Reformulated	--	--	--	--	-10,665	3,481	311	-7,497	2	0	9,688
Conventional	--	--	--	4,834	-49,455	151	4,441	-51,082	2,171	0	69,239
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	6	7	--	-13	30
<b>Finished Petroleum Products</b>	<b>--</b>	<b>6</b>	<b>209,573</b>	<b>5,973</b>	<b>-44,886</b>	<b>-3,958</b>	<b>1,605</b>	<b>--</b>	<b>72,858</b>	<b>92,245</b>	<b>110,997</b>
Finished Motor Gasoline	--	0	65,837	629	-5,056	-3,958	202	--	20,487	36,762	7,956
Reformulated	--	--	13,555	--	--	-2,511	--	--	--	11,044	--
Conventional	--	0	52,282	629	-5,056	-1,448	202	--	20,487	25,718	7,956
Finished Aviation Gasoline	--	--	267	48	-151	--	2	--	--	162	352
Kerosene-Type Jet Fuel	--	--	19,606	--	-12,132	--	599	--	1,576	5,299	13,780
Kerosene	--	--	27	--	--	--	-211	--	177	61	152
Distillate Fuel Oil	--	6	82,266	--	-27,941	--	-135	--	31,829	22,637	51,706
15 ppm sulfur and under	--	7	76,641	--	-27,103	--	1,248	--	25,946	22,350	46,608
Greater than 15 ppm to 500 ppm sulfur	--	0	2,841	--	-117	--	-637	--	3,247	114	1,271
Greater than 500 ppm sulfur	--	--	2,784	--	-721	--	-746	--	2,637	172	3,827
Residual Fuel Oil	--	--	949	3,197	424	--	428	--	4,183	-41	17,741
Less than 0.31 percent sulfur	--	--	504	465	--	--	1,083	--	NA	NA	2,860
0.31 to 1.00 percent sulfur	--	--	731	225	345	--	771	--	NA	NA	4,776
Greater than 1.00 percent sulfur	--	--	-286	2,507	79	--	-1,426	--	NA	NA	10,105
Petrochemical Feedstocks	--	--	7,764	210	97	--	195	--	--	7,876	2,455
Naphtha for Petro. Feed. Use	--	--	5,446	184	97	--	230	--	--	5,497	1,893
Other Oils for Petro. Feed. Use	--	--	2,318	26	--	--	-35	--	--	2,379	562
Special Naphthas	--	--	1,012	426	-29	--	-16	--	--	1,425	698
Lubricants	--	--	3,905	1,095	-579	--	167	--	2,345	1,909	6,159
Waxes	--	--	122	99	--	--	58	--	32	131	248
Petroleum Coke	--	--	12,758	269	501	--	-214	--	12,009	1,733	2,940
Marketable	--	--	9,830	269	501	--	-214	--	12,009	-1,195	2,940
Catalyst	--	--	2,928	--	--	--	--	--	--	2,928	--
Asphalt and Road Oil	--	--	2,833	--	-9	--	489	--	200	2,135	6,440
Still Gas	--	--	10,704	--	--	--	--	--	--	10,704	--
Miscellaneous Products	--	--	1,523	--	-10	--	41	--	19	1,453	370
<b>Total</b>	<b>331,380</b>	<b>1,924</b>	<b>224,501</b>	<b>60,004</b>	<b>-42,753</b>	<b>26,680</b>	<b>-11,917</b>	<b>208,810</b>	<b>233,784</b>	<b>171,059</b>	<b>1,283,351</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-April 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>906,836</b>	--	--	<b>137,994</b>	<b>140,766</b>	<b>60,188</b>	<b>10,142</b>	<b>901,608</b>	<b>334,034</b>	<b>0</b>	<b>907,066</b>
<b>Hydrocarbon Gas Liquids</b>	<b>338,786</b>	<b>-36</b>	<b>45,288</b>	<b>32</b>	<b>96,783</b>	--	<b>-32,481</b>	<b>35,246</b>	<b>201,313</b>	<b>276,775</b>	<b>126,457</b>
Natural Gas Liquids	338,786	-36	20,689	--	94,501	--	-32,240	35,246	201,313	249,621	125,385
Ethane	144,776	--	361	--	52,890	--	-617	--	23,557	175,087	61,098
Propane	106,143	--	16,692	--	31,455	--	-12,445	--	137,996	28,739	24,888
Normal Butane	24,095	--	4,352	--	12,850	--	-7,762	12,955	39,157	-3,053	20,916
Isobutane	31,191	--	-716	--	4,295	--	-1,390	11,878	316	23,966	8,035
Natural Gasoline	32,581	-36	--	--	-6,989	--	-10,026	10,413	287	24,882	10,448
Refinery Olefins	--	--	24,599	32	2,282	--	-241	--	--	27,154	1,072
Ethylene	--	--	20	--	--	--	0	--	--	20	--
Propylene	--	--	25,599	--	2,282	--	-333	--	--	28,214	617
Normal Butylene	--	--	-871	32	--	--	67	--	--	-906	430
Isobutylene	--	--	-149	--	--	--	25	--	--	-174	25
<b>Other Liquids</b>	<b>--</b>	<b>6,710</b>	<b>--</b>	<b>57,965</b>	<b>-195,724</b>	<b>27,776</b>	<b>14,253</b>	<b>-185,695</b>	<b>51,457</b>	<b>16,712</b>	<b>138,831</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	6,710	--	133	23,205	14,461	991	30,559	9,515	3,444	6,418
Hydrogen	--	--	--	--	--	12,573	--	12,573	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	6,710	--	104	23,205	1,917	991	17,986	9,515	3,444	6,418
Fuel Ethanol	--	1,687	--	--	22,526	1,917	335	16,522	9,273	0	4,651
Renewable Fuels Except Fuel Ethanol	--	5,024	--	104	679	--	657	1,464	242	3,444	1,768
Other Hydrocarbons	--	--	--	29	--	-29	--	--	--	0	--
Unfinished Oils	--	--	--	47,849	1,163	--	9,792	-9,505	35,405	13,320	53,456
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	9,983	-220,092	13,315	3,471	-206,802	6,537	0	78,927
Reformulated	--	--	--	--	-36,656	20,243	-1,148	-15,280	15	0	9,688
Conventional	--	--	--	9,983	-183,436	-6,929	4,619	-191,522	6,521	0	69,239
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	-1	53	--	-52	30
<b>Finished Petroleum Products</b>	<b>--</b>	<b>11</b>	<b>758,393</b>	<b>20,429</b>	<b>-155,866</b>	<b>-15,232</b>	<b>65</b>	<b>--</b>	<b>258,935</b>	<b>348,734</b>	<b>110,997</b>
Finished Motor Gasoline	--	0	246,871	1,191	-14,148	-15,232	-301	--	80,937	138,046	7,956
Reformulated	--	--	48,703	--	--	-19,971	--	--	--	28,732	--
Conventional	--	0	198,168	1,191	-14,148	4,739	-301	--	80,937	109,314	7,956
Finished Aviation Gasoline	--	--	781	102	-290	--	-71	--	--	664	352
Kerosene-Type Jet Fuel	--	--	69,986	--	-42,452	--	1,356	--	6,821	19,357	13,780
Kerosene	--	--	278	--	-473	--	-91	--	546	-650	152
Distillate Fuel Oil	--	11	293,421	775	-99,773	--	-1,399	--	104,043	91,790	51,706
15 ppm sulfur and under	--	11	272,375	375	-97,262	--	-823	--	88,207	88,115	46,608
Greater than 15 ppm to 500 ppm sulfur	--	0	11,402	--	-225	--	-61	--	7,820	3,418	1,271
Greater than 500 ppm sulfur	--	--	9,644	400	-2,286	--	-515	--	8,016	257	3,827
Residual Fuel Oil	--	--	5,612	11,018	1,734	--	1,574	--	9,308	7,482	17,741
Less than 0.31 percent sulfur	--	--	1,305	1,356	--	--	1,649	--	NA	NA	2,860
0.31 to 1.00 percent sulfur	--	--	2,093	560	973	--	966	--	NA	NA	4,776
Greater than 1.00 percent sulfur	--	--	2,214	9,102	761	--	-1,041	--	NA	NA	10,105
Petrochemical Feedstocks	--	--	26,400	1,139	310	--	173	--	--	27,676	2,455
Naphtha for Petro. Feed. Use	--	--	16,824	994	241	--	301	--	--	17,758	1,893
Other Oils for Petro. Feed. Use	--	--	9,576	145	69	--	-128	--	--	9,918	562
Special Naphthas	--	--	3,326	1,118	-90	--	-121	--	--	4,475	698
Lubricants	--	--	14,243	3,737	-2,282	--	-873	--	8,946	7,625	6,159
Waxes	--	--	340	218	--	--	-6	--	120	444	248
Petroleum Coke	--	--	44,885	1,033	2,219	--	-1,716	--	46,567	3,287	2,940
Marketable	--	--	34,263	1,033	2,219	--	-1,716	--	46,567	-7,335	2,940
Catalyst	--	--	10,622	--	--	--	--	--	--	10,622	--
Asphalt and Road Oil	--	--	9,300	98	-602	--	1,473	--	1,594	5,730	6,440
Still Gas	--	--	37,655	--	--	--	--	--	--	37,655	--
Miscellaneous Products	--	--	5,295	--	-20	--	67	--	54	5,154	370
<b>Total</b>	<b>1,245,622</b>	<b>6,685</b>	<b>803,681</b>	<b>216,420</b>	<b>-114,042</b>	<b>72,732</b>	<b>-8,021</b>	<b>751,159</b>	<b>845,740</b>	<b>642,221</b>	<b>1,283,351</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, April 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>7,885</b>	--	--	<b>1,212</b>	<b>857</b>	<b>776</b>	<b>-828</b>	<b>8,469</b>	<b>3,089</b>	<b>0</b>
<b>Hydrocarbon Gas Liquids</b>	<b>3,161</b>	<b>0</b>	<b>498</b>	--	<b>1,029</b>	--	<b>181</b>	<b>253</b>	<b>1,849</b>	<b>2,403</b>
Natural Gas Liquids	3,161	0	267	--	1,013	--	182	253	1,849	2,155
Ethane	1,395	--	2	--	500	--	32	--	243	1,622
Propane	958	--	152	--	407	--	54	--	1,250	213
Normal Butane	217	--	119	--	144	--	115	52	349	-37
Isobutane	285	--	-6	--	47	--	5	105	4	212
Natural Gasoline	305	0	--	--	-84	--	-25	97	2	146
Refinery Olefins	--	--	231	--	15	--	-1	--	--	248
Ethylene	--	--	0	--	--	--	0	--	--	0
Propylene	--	--	238	--	15	--	-2	--	--	255
Normal Butylene	--	--	-5	--	--	--	1	--	--	-6
Isobutylene	--	--	-2	--	--	--	0	--	--	-2
<b>Other Liquids</b>	<b>--</b>	<b>64</b>	<b>--</b>	<b>589</b>	<b>-1,815</b>	<b>245</b>	<b>196</b>	<b>-1,762</b>	<b>426</b>	<b>224</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	64	--	3	186	124	4	278	65	30
Hydrogen	--	--	--	--	--	113	--	113	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	64	--	3	186	11	4	165	65	30
Fuel Ethanol	--	18	--	--	179	11	-7	152	63	0
Renewable Fuels Except Fuel Ethanol	--	47	--	3	7	--	11	13	3	30
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	424	3	--	33	-88	288	195
Motor Gasoline Blend Comp. (MGBC)	--	--	--	161	-2,004	121	158	-1,953	72	0
Reformulated	--	--	--	--	-356	116	10	-250	0	0
Conventional	--	--	--	161	-1,649	5	148	-1,703	72	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0
<b>Finished Petroleum Products</b>	<b>--</b>	<b>0</b>	<b>6,986</b>	<b>199</b>	<b>-1,496</b>	<b>-132</b>	<b>54</b>	<b>--</b>	<b>2,429</b>	<b>3,075</b>
Finished Motor Gasoline	--	0	2,195	21	-169	-132	7	--	683	1,225
Reformulated	--	--	452	--	--	-84	--	--	--	368
Conventional	--	0	1,743	21	-169	-48	7	--	683	857
Finished Aviation Gasoline	--	--	9	2	-5	--	0	--	--	5
Kerosene-Type Jet Fuel	--	--	654	--	-404	--	20	--	53	177
Kerosene	--	--	1	--	--	--	-7	--	6	2
Distillate Fuel Oil	--	0	2,742	--	-931	--	-4	--	1,061	755
15 ppm sulfur and under	--	0	2,555	--	-903	--	42	--	865	745
Greater than 15 ppm to 500 ppm sulfur	--	0	95	--	-4	--	-21	--	108	4
Greater than 500 ppm sulfur	--	--	93	--	-24	--	-25	--	88	6
Residual Fuel Oil	--	--	32	107	14	--	14	--	139	-1
Less than 0.31 percent sulfur	--	--	17	16	--	--	36	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	24	8	12	--	26	--	NA	NA
Greater than 1.00 percent sulfur	--	--	-10	84	3	--	-48	--	NA	NA
Petrochemical Feedstocks	--	--	259	7	3	--	7	--	--	263
Naphtha for Petro. Feed. Use	--	--	182	6	3	--	8	--	--	183
Other Oils for Petro. Feed. Use	--	--	77	1	--	--	-1	--	--	79
Special Naphthas	--	--	34	14	-1	--	-1	--	--	48
Lubricants	--	--	130	37	-19	--	6	--	78	64
Waxes	--	--	4	3	--	--	2	--	1	4
Petroleum Coke	--	--	425	9	17	--	-7	--	400	58
Marketable	--	--	328	9	17	--	-7	--	400	-40
Catalyst	--	--	98	--	--	--	--	--	--	98
Asphalt and Road Oil	--	--	94	--	0	--	16	--	7	71
Still Gas	--	--	357	--	--	--	--	--	--	357
Miscellaneous Products	--	--	51	--	0	--	1	--	1	48
<b>Total</b>	<b>11,046</b>	<b>64</b>	<b>7,483</b>	<b>2,000</b>	<b>-1,425</b>	<b>889</b>	<b>-397</b>	<b>6,960</b>	<b>7,793</b>	<b>5,702</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-April 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>7,557</b>	--	--	<b>1,150</b>	<b>1,173</b>	<b>502</b>	<b>85</b>	<b>7,513</b>	<b>2,784</b>	<b>0</b>
<b>Hydrocarbon Gas Liquids</b>	<b>2,823</b>	<b>0</b>	<b>377</b>	<b>0</b>	<b>807</b>	--	<b>-271</b>	<b>294</b>	<b>1,678</b>	<b>2,306</b>
Natural Gas Liquids	2,823	0	172	--	788	--	-269	294	1,678	2,080
Ethane	1,206	--	3	--	441	--	-5	--	196	1,459
Propane	885	--	139	--	262	--	-104	--	1,150	239
Normal Butane	201	--	36	--	107	--	-65	108	326	-25
Isobutane	260	--	-6	--	36	--	-12	99	3	200
Natural Gasoline	272	0	--	--	-58	--	-84	87	2	207
Refinery Olefins	--	--	205	0	19	--	-2	--	--	226
Ethylene	--	--	0	--	--	--	0	--	--	0
Propylene	--	--	213	--	19	--	-3	--	--	235
Normal Butylene	--	--	-7	0	--	--	1	--	--	-8
Isobutylene	--	--	-1	--	--	--	0	--	--	-1
<b>Other Liquids</b>	--	<b>56</b>	--	<b>483</b>	<b>-1,631</b>	<b>231</b>	<b>119</b>	<b>-1,547</b>	<b>429</b>	<b>139</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	56	--	1	193	121	8	255	79	29
Hydrogen	--	--	--	--	--	105	--	105	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	56	--	1	193	16	8	150	79	29
Fuel Ethanol	--	14	--	--	188	16	3	138	77	0
Renewable Fuels Except Fuel Ethanol	--	42	--	1	6	--	5	12	--	29
Other Hydrocarbons	--	--	--	0	--	0	--	--	--	0
Unfinished Oils	--	--	--	399	10	--	82	-79	295	111
Motor Gasoline Blend Comp. (MGBC)	--	--	--	83	-1,834	111	29	-1,723	54	0
Reformulated	--	--	--	--	-305	169	-10	-127	0	0
Conventional	--	--	--	83	-1,529	-58	38	-1,596	54	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0
<b>Finished Petroleum Products</b>	--	<b>0</b>	<b>6,320</b>	<b>170</b>	<b>-1,299</b>	<b>-127</b>	<b>1</b>	--	<b>2,158</b>	<b>2,906</b>
Finished Motor Gasoline	--	0	2,057	10	-118	-127	-3	--	674	1,150
Reformulated	--	--	406	--	--	-166	--	--	--	239
Conventional	--	0	1,651	10	-118	39	-3	--	674	911
Finished Aviation Gasoline	--	--	7	1	-2	--	-1	--	--	6
Kerosene-Type Jet Fuel	--	--	583	--	-354	--	11	--	57	161
Kerosene	--	--	2	--	-4	--	-1	--	5	-5
Distillate Fuel Oil	--	0	2,445	6	-831	--	-12	--	867	765
15 ppm sulfur and under	--	0	2,270	3	-811	--	-7	--	735	734
Greater than 15 ppm to 500 ppm sulfur	--	0	95	--	-2	--	-1	--	65	28
Greater than 500 ppm sulfur	--	--	80	3	-19	--	-4	--	67	2
Residual Fuel Oil	--	--	47	92	14	--	13	--	78	62
Less than 0.31 percent sulfur	--	--	11	11	--	--	14	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	17	5	8	--	8	--	NA	NA
Greater than 1.00 percent sulfur	--	--	18	76	6	--	-9	--	NA	NA
Petrochemical Feedstocks	--	--	220	9	3	--	1	--	--	231
Naphtha for Petro. Feed. Use	--	--	140	8	2	--	3	--	--	148
Other Oils for Petro. Feed. Use	--	--	80	1	1	--	-1	--	--	83
Special Naphthas	--	--	28	9	-1	--	-1	--	--	37
Lubricants	--	--	119	31	-19	--	-7	--	75	64
Waxes	--	--	3	2	--	--	0	--	1	4
Petroleum Coke	--	--	374	9	18	--	-14	--	388	27
Marketable	--	--	286	9	18	--	-14	--	388	-61
Catalyst	--	--	89	--	--	--	--	--	--	89
Asphalt and Road Oil	--	--	78	1	-5	--	12	--	13	48
Still Gas	--	--	314	--	--	--	--	--	--	314
Miscellaneous Products	--	--	44	--	0	--	1	--	0	43
<b>Total</b>	<b>10,380</b>	<b>56</b>	<b>6,697</b>	<b>1,804</b>	<b>-950</b>	<b>606</b>	<b>-67</b>	<b>6,260</b>	<b>7,048</b>	<b>5,352</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, April 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>23,281</b>	--	--	<b>12,158</b>	<b>-15,668</b>	<b>-2,006</b>	<b>1,842</b>	<b>15,923</b>	--	<b>0</b>	<b>25,336</b>
<b>Hydrocarbon Gas Liquids</b>	<b>15,647</b>	-7	<b>404</b>	<b>204</b>	<b>-8,990</b>	--	<b>403</b>	<b>398</b>	<b>112</b>	<b>6,346</b>	<b>5,648</b>
Natural Gas Liquids	15,647	-7	300	204	-8,990	--	355	398	112	6,290	5,526
Ethane	4,758	--	--	--	-3,344	--	106	--	--	1,308	1,188
Propane	5,598	--	228	167	-2,827	--	9	--	2	3,155	1,941
Normal Butane	2,098	--	105	35	-1,101	--	287	146	0	704	1,229
Isobutane	1,011	--	-33	2	-632	--	-14	133	0	229	441
Natural Gasoline	2,182	-7	--	--	-1,086	--	-33	119	109	895	727
Refinery Olefins	--	--	104	--	--	--	48	--	--	56	122
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	45	--	--	--	1	--	--	44	2
Normal Butylene	--	--	59	--	--	--	47	--	--	12	120
Isobutylene	--	--	--	--	--	--	0	--	--	0	0
<b>Other Liquids</b>	<b>--</b>	<b>507</b>	<b>--</b>	<b>110</b>	<b>1,091</b>	<b>-719</b>	<b>-210</b>	<b>831</b>	<b>12</b>	<b>356</b>	<b>10,289</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	507	--	45	425	399	46	1,125	12	194	533
Hydrogen	--	--	--	--	--	189	--	189	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	507	--	45	425	210	46	936	12	194	533
Fuel Ethanol	--	281	--	--	389	210	29	851	--	0	386
Renewable Fuels Except Fuel Ethanol	--	227	--	45	36	--	17	85	12	194	147
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	34	--	--	45	-173	0	162	3,442
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	31	666	-1,118	-301	-121	1	0	6,314
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	31	666	-1,118	-301	-121	1	0	6,314
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>0</b>	<b>17,433</b>	<b>232</b>	<b>278</b>	<b>908</b>	<b>-64</b>	<b>--</b>	<b>22</b>	<b>18,892</b>	<b>9,182</b>
Finished Motor Gasoline	--	--	8,783	--	-295	908	-144	--	3	9,537	1,805
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	8,783	--	-295	908	-144	--	3	9,537	1,805
Finished Aviation Gasoline	--	--	5	21	--	--	0	--	--	26	9
Kerosene-Type Jet Fuel	--	--	887	14	755	--	304	--	--	1,352	864
Kerosene	--	--	--	--	--	--	0	--	--	0	1
Distillate Fuel Oil	--	0	5,192	133	440	--	-265	--	--	6,030	3,719
15 ppm sulfur and under	--	0	5,158	133	440	--	-230	--	--	5,961	3,478
Greater than 15 ppm to 500 ppm sulfur	--	--	63	--	--	--	-8	--	--	71	200
Greater than 500 ppm sulfur	--	--	-29	--	--	--	-27	--	--	-2	41
Residual Fuel Oil	--	--	302	--	--	--	0	--	3	299	216
Less than 0.31 percent sulfur	--	--	135	--	--	--	-2	--	NA	NA	21
0.31 to 1.00 percent sulfur	--	--	23	--	--	--	-3	--	NA	NA	5
Greater than 1.00 percent sulfur	--	--	144	--	--	--	5	--	NA	NA	190
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	15	-15	--
Waxes	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	650	--	-190	--	69	--	--	391	215
Marketable	--	--	442	--	-190	--	69	--	--	183	215
Catalyst	--	--	208	--	--	--	--	--	--	208	--
Asphalt and Road Oil	--	--	967	63	-433	--	-26	--	1	623	2,340
Still Gas	--	--	564	--	--	--	--	--	--	564	--
Miscellaneous Products	--	--	83	1	--	--	-2	--	--	86	13
<b>Total</b>	<b>38,928</b>	<b>500</b>	<b>17,837</b>	<b>12,704</b>	<b>-23,290</b>	<b>-1,817</b>	<b>1,971</b>	<b>17,152</b>	<b>146</b>	<b>25,594</b>	<b>50,455</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-April 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>90,055</b>	--	--	<b>46,811</b>	<b>-62,745</b>	<b>-6,254</b>	<b>1,108</b>	<b>66,759</b>	--	<b>0</b>	<b>25,336</b>
<b>Hydrocarbon Gas Liquids</b>	<b>59,544</b>	<b>-27</b>	<b>941</b>	<b>2,059</b>	<b>-34,226</b>	--	<b>-844</b>	<b>1,822</b>	<b>310</b>	<b>27,004</b>	<b>5,648</b>
Natural Gas Liquids	59,544	-27	613	2,059	-34,226	--	-793	1,822	310	26,625	5,526
Ethane	17,501	--	--	--	-12,881	--	256	--	--	4,364	1,188
Propane	21,459	--	880	1,655	-10,338	--	-876	--	5	14,527	1,941
Normal Butane	8,215	--	-273	357	-4,344	--	-133	798	1	3,289	1,229
Isobutane	4,077	--	6	47	-2,454	--	5	561	0	1,110	441
Natural Gasoline	8,292	-27	--	--	-4,209	--	-45	463	303	3,335	727
Refinery Olefins	--	--	328	--	--	--	-51	--	--	379	122
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	126	--	--	--	2	--	--	124	2
Normal Butylene	--	--	202	--	--	--	-53	--	--	255	120
Isobutylene	--	--	--	--	--	--	0	--	--	0	0
<b>Other Liquids</b>	<b>--</b>	<b>2,162</b>	<b>--</b>	<b>428</b>	<b>3,234</b>	<b>-2,434</b>	<b>655</b>	<b>1,302</b>	<b>48</b>	<b>1,384</b>	<b>10,289</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	2,162	--	185	1,420	1,620	106	4,366	47	867	533
Hydrogen	--	--	--	--	--	783	--	783	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	2,162	--	185	1,420	837	106	3,583	47	867	533
Fuel Ethanol	--	1,082	--	--	1,326	837	-30	3,239	36	0	386
Renewable Fuels Except Fuel Ethanol	--	1,080	--	185	94	--	136	344	12	867	147
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	59	--	--	754	-1,212	0	517	3,442
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	184	1,814	-4,054	-205	-1,852	1	0	6,314
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	184	1,814	-4,054	-205	-1,852	1	0	6,314
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>-1</b>	<b>71,270</b>	<b>992</b>	<b>-1,930</b>	<b>3,217</b>	<b>633</b>	<b>--</b>	<b>71</b>	<b>72,844</b>	<b>9,182</b>
Finished Motor Gasoline	--	--	34,841	--	-1,374	3,217	-333	--	4	37,013	1,805
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	34,841	--	-1,374	3,217	-333	--	4	37,013	1,805
Finished Aviation Gasoline	--	--	20	27	--	--	2	--	--	45	9
Kerosene-Type Jet Fuel	--	--	3,390	64	2,056	--	298	--	--	5,212	864
Kerosene	--	--	--	--	--	--	-1	--	--	1	1
Distillate Fuel Oil	--	-1	22,041	701	209	--	-396	--	--	23,346	3,719
15 ppm sulfur and under	--	-1	21,789	701	209	--	-446	--	--	23,144	3,478
Greater than 15 ppm to 500 ppm sulfur	--	--	251	--	--	--	47	--	--	204	200
Greater than 500 ppm sulfur	--	--	1	--	--	--	3	--	--	-2	41
Residual Fuel Oil	--	--	1,326	--	--	--	37	--	15	1,274	216
Less than 0.31 percent sulfur	--	--	708	--	--	--	-2	--	NA	NA	21
0.31 to 1.00 percent sulfur	--	--	71	--	--	--	1	--	NA	NA	5
Greater than 1.00 percent sulfur	--	--	547	--	--	--	38	--	NA	NA	190
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	49	-49	--
Waxes	--	--	--	--	--	--	--	--	1	-1	--
Petroleum Coke	--	--	2,498	--	-945	--	19	--	0	1,534	215
Marketable	--	--	1,701	--	-945	--	19	--	0	737	215
Catalyst	--	--	797	--	--	--	--	--	--	797	--
Asphalt and Road Oil	--	--	4,416	196	-1,877	--	1,010	--	3	1,723	2,340
Still Gas	--	--	2,361	--	--	--	--	--	--	2,361	--
Miscellaneous Products	--	--	377	4	--	--	-3	--	--	384	13
<b>Total</b>	<b>149,599</b>	<b>2,134</b>	<b>72,211</b>	<b>50,290</b>	<b>-95,667</b>	<b>-5,471</b>	<b>1,552</b>	<b>69,883</b>	<b>429</b>	<b>101,232</b>	<b>50,455</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, April 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>776</b>	<b>--</b>	<b>--</b>	<b>405</b>	<b>-522</b>	<b>-67</b>	<b>61</b>	<b>531</b>	<b>-</b>	<b>0</b>
<b>Hydrocarbon Gas Liquids</b>	<b>522</b>	<b>0</b>	<b>13</b>	<b>7</b>	<b>-300</b>	<b>--</b>	<b>13</b>	<b>13</b>	<b>4</b>	<b>212</b>
Natural Gas Liquids	522	0	10	7	-300	--	12	13	4	210
Ethane	159	--	--	--	-111	--	4	--	--	44
Propane	187	--	8	6	-94	--	0	--	0	105
Normal Butane	70	--	4	1	-37	--	10	5	0	23
Isobutane	34	--	-1	0	-21	--	0	4	0	8
Natural Gasoline	73	0	--	--	-36	--	-1	4	4	30
Refinery Olefins	--	--	3	--	--	--	2	--	--	2
Ethylene	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	2	--	--	--	0	--	--	1
Normal Butylene	--	--	2	--	--	--	2	--	--	0
Isobutylene	--	--	--	--	--	--	0	--	--	0
<b>Other Liquids</b>	<b>--</b>	<b>17</b>	<b>--</b>	<b>4</b>	<b>36</b>	<b>-24</b>	<b>-7</b>	<b>28</b>	<b>0</b>	<b>12</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	17	--	2	14	13	2	38	0	6
Hydrogen	--	--	--	--	--	6	--	6	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	17	--	2	14	7	2	31	0	6
Fuel Ethanol	--	9	--	--	13	7	1	28	--	0
Renewable Fuels Except Fuel Ethanol	--	8	--	2	1	--	1	3	0	6
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	1	--	--	2	-6	0	5
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	1	22	-37	-10	-4	0	0
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	1	22	-37	-10	-4	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>0</b>	<b>581</b>	<b>8</b>	<b>9</b>	<b>30</b>	<b>-2</b>	<b>--</b>	<b>1</b>	<b>630</b>
Finished Motor Gasoline	--	--	293	--	-10	30	-5	--	0	318
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	293	--	-10	30	-5	--	0	318
Finished Aviation Gasoline	--	--	0	1	--	--	0	--	--	1
Kerosene-Type Jet Fuel	--	--	30	0	25	--	10	--	--	45
Kerosene	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	0	173	4	15	--	-9	--	--	201
15 ppm sulfur and under	--	0	172	4	15	--	-8	--	--	199
Greater than 15 ppm to 500 ppm sulfur	--	--	2	--	--	--	0	--	--	2
Greater than 500 ppm sulfur	--	--	-1	--	--	--	-1	--	--	0
Residual Fuel Oil	--	--	10	--	--	--	0	--	0	10
Less than 0.31 percent sulfur	--	--	5	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	1	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	5	--	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	1	-1
Waxes	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	22	--	-6	--	2	--	--	13
Marketable	--	--	15	--	-6	--	2	--	--	6
Catalyst	--	--	7	--	--	--	--	--	--	7
Asphalt and Road Oil	--	--	32	2	-14	--	-1	--	0	21
Still Gas	--	--	19	--	--	--	--	--	--	19
Miscellaneous Products	--	--	3	0	--	--	0	--	--	3
<b>Total</b>	<b>1,298</b>	<b>17</b>	<b>595</b>	<b>423</b>	<b>-776</b>	<b>-61</b>	<b>66</b>	<b>572</b>	<b>5</b>	<b>853</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-April 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>750</b>	--	--	<b>390</b>	<b>-523</b>	<b>-52</b>	<b>9</b>	<b>556</b>	--	<b>0</b>
<b>Hydrocarbon Gas Liquids</b>	<b>496</b>	<b>0</b>	<b>8</b>	<b>17</b>	<b>-285</b>	--	<b>-7</b>	<b>15</b>	<b>3</b>	<b>225</b>
Natural Gas Liquids	496	0	5	17	-285	--	-7	15	3	222
Ethane	146	--	--	--	-107	--	2	--	--	36
Propane	179	--	7	14	-86	--	-7	--	0	121
Normal Butane	68	--	-2	3	-36	--	-1	7	0	27
Isobutane	34	--	0	0	-20	--	0	5	0	9
Natural Gasoline	69	0	--	--	-35	--	0	4	3	28
Refinery Olefins	--	--	3	--	--	--	0	--	--	3
Ethylene	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	1	--	--	--	0	--	--	1
Normal Butylene	--	--	2	--	--	--	0	--	--	2
Isobutylene	--	--	--	--	--	--	0	--	--	0
<b>Other Liquids</b>	<b>--</b>	<b>18</b>	<b>--</b>	<b>4</b>	<b>27</b>	<b>-20</b>	<b>5</b>	<b>11</b>	<b>0</b>	<b>12</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	18	--	2	12	13	1	36	0	7
Hydrogen	--	--	--	--	--	7	--	7	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	18	--	2	12	7	1	30	0	7
Fuel Ethanol	--	9	--	--	11	7	0	27	0	0
Renewable Fuels Except Fuel Ethanol	--	9	--	2	1	--	1	3	0	7
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	0	--	--	6	-10	0	4
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	2	15	-34	-2	-15	0	0
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	2	15	-34	-2	-15	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>0</b>	<b>594</b>	<b>8</b>	<b>-16</b>	<b>27</b>	<b>5</b>	<b>--</b>	<b>1</b>	<b>607</b>
Finished Motor Gasoline	--	--	290	--	-11	27	-3	--	0	308
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	290	--	-11	27	-3	--	0	308
Finished Aviation Gasoline	--	--	0	0	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	28	1	17	--	2	--	--	43
Kerosene	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	0	184	6	2	--	-3	--	--	195
15 ppm sulfur and under	--	0	182	6	2	--	-4	--	--	193
Greater than 15 ppm to 500 ppm sulfur	--	--	2	--	--	--	0	--	--	2
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	--	--	5	--	--	--	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	--	-8	--	0	--	0	13
Marketable	--	--	14	--	-8	--	0	--	0	6
Catalyst	--	--	7	--	--	--	--	--	--	7
Asphalt and Road Oil	--	--	37	2	-16	--	8	--	0	14
Still Gas	--	--	20	--	--	--	--	--	--	20
Miscellaneous Products	--	--	3	0	--	--	0	--	--	3
<b>Total</b>	<b>1,247</b>	<b>18</b>	<b>602</b>	<b>419</b>	<b>-797</b>	<b>-46</b>	<b>13</b>	<b>582</b>	<b>4</b>	<b>844</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, April 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>24,663</b>	--	--	<b>33,893</b>	<b>4,733</b>	<b>1,105</b>	<b>-240</b>	<b>62,281</b>	<b>2,352</b>	<b>0</b>	<b>48,041</b>
<b>Hydrocarbon Gas Liquids</b>	<b>1,765</b>	-4	<b>1,901</b>	<b>1,423</b>	<b>672</b>	--	<b>385</b>	<b>1,967</b>	<b>1,935</b>	<b>1,471</b>	<b>3,077</b>
Natural Gas Liquids	1,765	-4	1,748	1,423	672	--	391	1,967	1,935	1,312	3,052
Ethane	--	--	--	--	--	--	--	--	0	0	--
Propane	253	--	1,061	1,069	360	--	250	--	1,030	1,463	1,054
Normal Butane	395	--	534	354	210	--	20	593	872	8	1,448
Isobutane	270	--	153	--	102	--	120	606	1	-202	504
Natural Gasoline	847	-4	--	--	--	--	1	768	32	42	46
Refinery Olefins	--	--	153	--	--	--	-6	--	--	159	25
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	144	--	--	--	-3	--	--	147	11
Normal Butylene	--	--	9	--	--	--	-3	--	--	12	14
Isobutylene	--	--	--	--	--	--	0	--	--	0	0
<b>Other Liquids</b>	<b>--</b>	<b>646</b>	<b>--</b>	<b>4,296</b>	<b>9,485</b>	<b>372</b>	<b>-668</b>	<b>12,073</b>	<b>439</b>	<b>2,955</b>	<b>50,098</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	646	--	1,001	4,789	1,864	86	6,553	275	1,386	4,082
Hydrogen	--	--	--	--	--	1,363	--	1,363	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	646	--	1,001	4,789	501	86	5,190	275	1,386	4,082
Fuel Ethanol	--	257	--	--	4,314	501	421	4,457	194	0	2,238
Renewable Fuels Except Fuel Ethanol	--	389	--	1,001	475	--	-335	733	81	1,386	1,845
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	2,543	--	--	-68	1,009	33	1,569	17,723
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	752	4,696	-1,492	-686	4,511	131	0	28,292
Reformulated	--	0	--	--	2,011	55	-264	2,329	1	0	14,190
Conventional	--	0	--	752	2,685	-1,547	-422	2,182	130	0	14,102
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>25</b>	<b>79,680</b>	<b>4,513</b>	<b>2,421</b>	<b>991</b>	<b>-754</b>	<b>--</b>	<b>8,323</b>	<b>80,060</b>	<b>34,447</b>
Finished Motor Gasoline	--	20	44,500	765	155	991	91	--	1,373	44,966	2,465
Reformulated	--	--	30,787	--	--	296	-2	--	--	31,085	16
Conventional	--	20	13,713	765	155	695	93	--	1,373	13,882	2,449
Finished Aviation Gasoline	--	--	-1	2	--	--	-75	--	--	76	286
Kerosene-Type Jet Fuel	--	7	9,192	2,725	268	--	-115	--	594	11,713	8,773
Kerosene	--	--	9	--	--	--	-3	--	79	-67	10
Distillate Fuel Oil	--	-1	15,086	531	1,575	--	-267	--	1,697	15,761	13,211
15 ppm sulfur and under	--	-1	13,763	216	1,575	--	-27	--	647	14,933	12,423
Greater than 15 ppm to 500 ppm sulfur	--	--	1,050	315	--	--	-75	--	436	1,004	216
Greater than 500 ppm sulfur	--	--	273	--	--	--	-165	--	615	-177	572
Residual Fuel Oil	--	--	2,034	255	--	--	-141	--	1,079	1,351	5,380
Less than 0.31 percent sulfur	--	--	54	--	--	--	-4	--	NA	NA	1,770
0.31 to 1.00 percent sulfur	--	--	591	123	--	--	79	--	NA	NA	486
Greater than 1.00 percent sulfur	--	--	1,389	132	--	--	-216	--	NA	NA	3,124
Petrochemical Feedstocks	--	--	--	44	--	--	0	--	--	44	2
Naphtha for Petro. Feed. Use	--	--	--	44	--	--	0	--	--	44	2
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	45	--	--	--	5	--	--	40	32
Lubricants	--	--	589	44	-130	--	-40	--	207	336	576
Waxes	--	--	--	19	--	--	--	--	4	15	--
Petroleum Coke	--	--	3,835	--	82	--	-232	--	3,262	888	936
Marketable	--	--	2,962	--	82	--	-232	--	3,262	15	936
Catalyst	--	--	873	--	--	--	--	--	--	873	--
Asphalt and Road Oil	--	--	755	128	470	--	33	--	28	1,292	2,687
Still Gas	--	--	3,272	--	--	--	--	--	--	3,272	--
Miscellaneous Products	--	--	364	--	--	--	-10	--	0	374	90
<b>Total</b>	<b>26,428</b>	<b>667</b>	<b>81,581</b>	<b>44,125</b>	<b>17,310</b>	<b>2,468</b>	<b>-1,278</b>	<b>76,321</b>	<b>13,050</b>	<b>84,486</b>	<b>135,663</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-April 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>99,730</b>	--	--	<b>120,349</b>	<b>18,709</b>	<b>3,114</b>	<b>2,875</b>	<b>233,549</b>	<b>5,478</b>	<b>0</b>	<b>48,041</b>
<b>Hydrocarbon Gas Liquids</b>	<b>7,395</b>	<b>-18</b>	<b>3,614</b>	<b>6,405</b>	<b>3,782</b>	--	<b>-1,176</b>	<b>9,010</b>	<b>5,729</b>	<b>7,615</b>	<b>3,077</b>
Natural Gas Liquids	7,395	-18	2,891	6,405	3,782	--	-1,188	9,010	5,729	6,904	3,052
Ethane	1	--	--	--	--	--	--	--	0	1	--
Propane	974	--	3,625	4,467	1,507	--	-1,089	--	3,659	8,003	1,054
Normal Butane	1,679	--	-882	1,938	1,524	--	-238	3,115	2,015	-633	1,448
Isobutane	1,117	--	148	--	751	--	132	2,556	3	-675	504
Natural Gasoline	3,624	-18	--	--	--	--	7	3,339	52	208	46
Refinery Olefins	--	--	723	--	--	--	12	--	--	711	25
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	699	--	--	--	0	--	--	699	11
Normal Butylene	--	--	24	--	--	--	12	--	--	12	14
Isobutylene	--	--	--	--	--	--	0	--	--	0	0
<b>Other Liquids</b>	<b>--</b>	<b>2,179</b>	<b>--</b>	<b>11,984</b>	<b>34,724</b>	<b>-668</b>	<b>56</b>	<b>40,503</b>	<b>1,776</b>	<b>5,884</b>	<b>50,098</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	2,179	--	3,578	16,868	5,766	-544	24,028	992	3,915	4,082
Hydrogen	--	--	--	--	--	5,042	--	5,042	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	2,179	--	3,578	16,868	724	-544	18,986	992	3,915	4,082
Fuel Ethanol	--	1,001	--	--	14,838	724	-752	16,487	830	0	2,238
Renewable Fuels Except Fuel Ethanol	--	1,178	--	3,578	2,030	--	209	2,499	162	3,915	1,845
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	4,983	--	--	710	2,128	176	1,969	17,723
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	3,423	17,856	-6,434	-111	14,347	608	0	28,292
Reformulated	--	0	--	--	7,596	-658	-1,280	8,210	7	0	14,190
Conventional	--	0	--	3,423	10,260	-5,776	1,169	6,137	601	0	14,102
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>117</b>	<b>298,108</b>	<b>17,525</b>	<b>9,614</b>	<b>5,710</b>	<b>-1,461</b>	<b>--</b>	<b>29,196</b>	<b>303,339</b>	<b>34,447</b>
Finished Motor Gasoline	--	98	164,587	1,826	660	5,710	-532	--	6,173	167,240	2,465
Reformulated	--	--	114,305	--	--	1,575	-2	--	--	115,882	16
Conventional	--	98	50,282	1,826	660	4,135	-530	--	6,173	51,358	2,449
Finished Aviation Gasoline	--	--	119	8	--	--	-14	--	--	141	286
Kerosene-Type Jet Fuel	--	28	33,567	9,839	1,026	--	-172	--	1,517	43,115	8,773
Kerosene	--	--	47	--	--	--	-3	--	183	-133	10
Distillate Fuel Oil	--	-9	60,443	2,378	5,755	--	-1,366	--	6,934	63,000	13,211
15 ppm sulfur and under	--	-9	57,325	1,750	5,755	--	-1,158	--	5,633	60,346	12,423
Greater than 15 ppm to 500 ppm sulfur	--	--	1,883	628	--	--	2	--	679	1,830	216
Greater than 500 ppm sulfur	--	--	1,235	--	--	--	-210	--	622	823	572
Residual Fuel Oil	--	--	7,878	2,780	--	--	635	--	2,388	7,635	5,380
Less than 0.31 percent sulfur	--	--	211	--	--	--	918	--	NA	NA	1,770
0.31 to 1.00 percent sulfur	--	--	2,327	1,592	--	--	-36	--	NA	NA	486
Greater than 1.00 percent sulfur	--	--	5,340	1,188	--	--	-247	--	NA	NA	3,124
Petrochemical Feedstocks	--	--	--	88	--	--	0	--	--	88	2
Naphtha for Petro. Feed. Use	--	--	--	88	--	--	0	--	--	88	2
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	151	--	--	--	-16	--	--	167	32
Lubricants	--	--	1,885	114	-322	--	-318	--	1,297	698	576
Waxes	--	--	--	118	--	--	--	--	16	102	--
Petroleum Coke	--	--	13,892	--	580	--	-280	--	10,578	4,174	936
Marketable	--	--	10,589	--	580	--	-280	--	10,578	871	936
Catalyst	--	--	3,303	--	--	--	--	--	--	3,303	--
Asphalt and Road Oil	--	--	2,566	374	1,915	--	601	--	110	4,144	2,687
Still Gas	--	--	11,635	--	--	--	--	--	--	11,635	--
Miscellaneous Products	--	--	1,338	--	--	--	5	--	1	1,332	90
<b>Total</b>	<b>107,125</b>	<b>2,278</b>	<b>301,722</b>	<b>156,263</b>	<b>66,829</b>	<b>8,156</b>	<b>294</b>	<b>283,062</b>	<b>42,180</b>	<b>316,837</b>	<b>135,663</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, biogiesel, 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, April 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>822</b>	<b>--</b>	<b>--</b>	<b>1,130</b>	<b>158</b>	<b>37</b>	<b>-8</b>	<b>2,076</b>	<b>78</b>	<b>0</b>
<b>Hydrocarbon Gas Liquids</b>	<b>59</b>	<b>0</b>	<b>63</b>	<b>47</b>	<b>22</b>	<b>--</b>	<b>13</b>	<b>66</b>	<b>64</b>	<b>49</b>
Natural Gas Liquids	59	0	58	47	22	--	13	66	64	44
Ethane	--	--	--	--	--	--	--	--	0	0
Propane	8	--	35	36	12	--	8	--	34	49
Normal Butane	13	--	18	12	7	--	1	20	29	0
Isobutane	9	--	5	--	3	--	4	20	0	-7
Natural Gasoline	28	0	--	--	--	--	0	26	1	1
Refinery Olefins	--	--	5	--	--	--	0	--	--	5
Ethylene	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	5	--	--	--	0	--	--	5
Normal Butylene	--	--	0	--	--	--	0	--	--	0
Isobutylene	--	--	--	--	--	--	0	--	--	0
<b>Other Liquids</b>	<b>--</b>	<b>22</b>	<b>--</b>	<b>143</b>	<b>316</b>	<b>12</b>	<b>-22</b>	<b>402</b>	<b>15</b>	<b>98</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	22	--	33	160	62	3	218	9	46
Hydrogen	--	--	--	--	--	45	--	45	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	22	--	33	160	17	3	173	9	46
Fuel Ethanol	--	9	--	--	144	17	14	149	6	0
Renewable Fuels Except Fuel Ethanol	--	13	--	33	16	--	-11	24	3	46
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	85	--	--	-2	34	1	52
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	25	157	-50	-23	150	4	0
Reformulated	--	0	--	--	67	2	-9	78	0	0
Conventional	--	0	--	25	90	-52	-14	73	4	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>1</b>	<b>2,656</b>	<b>150</b>	<b>81</b>	<b>33</b>	<b>-25</b>	<b>--</b>	<b>277</b>	<b>2,669</b>
Finished Motor Gasoline	--	1	1,483	26	5	33	3	--	46	1,499
Reformulated	--	--	1,026	--	--	10	--	--	--	1,036
Conventional	--	1	457	26	5	23	3	--	46	463
Finished Aviation Gasoline	--	--	0	0	--	--	-3	--	--	3
Kerosene-Type Jet Fuel	--	0	306	91	9	--	-4	--	20	390
Kerosene	--	--	0	--	--	--	0	--	3	-2
Distillate Fuel Oil	--	0	503	18	53	--	-9	--	57	525
15 ppm sulfur and under	--	0	459	7	53	--	-1	--	22	498
Greater than 15 ppm to 500 ppm sulfur	--	--	35	11	--	--	-3	--	15	33
Greater than 500 ppm sulfur	--	--	9	--	--	--	-6	--	20	-6
Residual Fuel Oil	--	--	68	9	--	--	-5	--	36	45
Less than 0.31 percent sulfur	--	--	2	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	20	4	--	--	3	--	NA	NA
Greater than 1.00 percent sulfur	--	--	46	4	--	--	-7	--	NA	NA
Petrochemical Feedstocks	--	--	--	1	--	--	0	--	--	1
Naphtha for Petro. Feed. Use	--	--	--	1	--	--	0	--	--	1
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	2	--	--	--	0	--	--	1
Lubricants	--	--	20	1	-4	--	-1	--	7	11
Waxes	--	--	--	1	--	--	--	--	0	0
Petroleum Coke	--	--	128	--	3	--	-8	--	109	30
Marketable	--	--	99	--	3	--	-8	--	109	0
Catalyst	--	--	29	--	--	--	--	--	--	29
Asphalt and Road Oil	--	--	25	4	16	--	1	--	1	43
Still Gas	--	--	109	--	--	--	--	--	--	109
Miscellaneous Products	--	--	12	--	--	--	0	--	0	12
<b>Total</b>	<b>881</b>	<b>22</b>	<b>2,719</b>	<b>1,471</b>	<b>577</b>	<b>82</b>	<b>-43</b>	<b>2,544</b>	<b>435</b>	<b>2,816</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-April 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>831</b>	<b>--</b>	<b>--</b>	<b>1,003</b>	<b>156</b>	<b>26</b>	<b>24</b>	<b>1,946</b>	<b>46</b>	<b>0</b>
<b>Hydrocarbon Gas Liquids</b>	<b>62</b>	<b>0</b>	<b>30</b>	<b>53</b>	<b>32</b>	<b>--</b>	<b>-10</b>	<b>75</b>	<b>48</b>	<b>63</b>
Natural Gas Liquids	62	0	24	53	32	--	-10	75	48	58
Ethane	0	--	--	--	--	--	--	--	0	0
Propane	8	--	30	37	13	--	-9	--	30	67
Normal Butane	14	--	-7	16	13	--	-2	26	17	-5
Isobutane	9	--	1	--	6	--	1	21	0	-6
Natural Gasoline	30	0	--	--	--	--	0	28	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>18</b>	<b>--</b>	<b>100</b>	<b>289</b>	<b>-6</b>	<b>0</b>	<b>338</b>	<b>15</b>	<b>49</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	18	--	30	141	48	-5	200	8	33
Hydrogen	--	--	--	--	--	42	--	42	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	18	--	30	141	6	-5	158	8	33
Fuel Ethanol	--	8	--	--	124	6	-6	137	7	0
Renewable Fuels Except Fuel Ethanol	--	10	--	30	17	--	2	21	1	33
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	42	--	--	6	18	1	16
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	29	149	-54	-1	120	5	0
Reformulated	--	0	--	--	63	-5	-11	68	0	0
Conventional	--	0	--	29	86	-48	10	51	5	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>1</b>	<b>2,484</b>	<b>146</b>	<b>80</b>	<b>48</b>	<b>-12</b>	<b>--</b>	<b>243</b>	<b>2,528</b>
Finished Motor Gasoline	--	1	1,372	15	6	48	-4	--	51	1,394
Reformulated	--	--	953	--	--	13	0	--	--	966
Conventional	--	1	419	15	6	34	-4	--	51	428
Finished Aviation Gasoline	--	--	1	0	--	--	0	--	--	1
Kerosene-Type Jet Fuel	--	0	280	82	9	--	-1	--	13	359
Kerosene	--	--	0	--	--	--	0	--	2	-1
Distillate Fuel Oil	--	0	504	20	48	--	-11	--	58	525
15 ppm sulfur and under	--	0	478	15	48	--	-10	--	47	503
Greater than 15 ppm to 500 ppm sulfur	--	--	16	5	--	--	0	--	6	15
Greater than 500 ppm sulfur	--	--	10	--	--	--	-2	--	5	7
Residual Fuel Oil	--	--	66	23	--	--	5	--	20	64
Less than 0.31 percent sulfur	--	--	2	--	--	--	8	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	19	13	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	45	10	--	--	-2	--	NA	NA
Petrochemical Feedstocks	--	--	--	1	--	--	0	--	--	1
Naphtha for Petro. Feed. Use	--	--	--	1	--	--	0	--	--	1
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	1	--	--	--	0	--	--	1
Lubricants	--	--	16	1	-3	--	-3	--	11	6
Waxes	--	--	--	1	--	--	--	--	0	1
Petroleum Coke	--	--	116	--	5	--	-2	--	88	35
Marketable	--	--	88	--	5	--	-2	--	88	7
Catalyst	--	--	28	--	--	--	--	--	--	28
Asphalt and Road Oil	--	--	21	3	16	--	5	--	1	35
Still Gas	--	--	97	--	--	--	--	--	--	97
Miscellaneous Products	--	--	11	--	--	--	0	--	0	11
<b>Total</b>	<b>893</b>	<b>19</b>	<b>2,514</b>	<b>1,302</b>	<b>557</b>	<b>68</b>	<b>2</b>	<b>2,359</b>	<b>351</b>	<b>2,640</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, April 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 .....	2,477	48,081	236,563	23,281	24,663	335,065	11,169
Alaskan .....	--	--	--	--	--	13,390	446
Lower 48 States .....	--	--	--	--	--	321,675	10,722
Imports (PAD District of Entry) .....	17,836	74,316	36,361	12,158	33,893	174,564	5,819
Commercial .....	17,836	74,316	36,361	12,158	33,893	174,564	5,819
Strategic Petroleum Reserve (SPR) .....	--	--	--	--	--	--	--
Net Receipts .....	1,483	-16,271	25,724	-15,668	4,733	--	--
Adjustments <sup>1</sup> .....	-1,822	6,609	23,281	-2,006	1,105	27,167	906
<b>Disposition</b>							
Stock Change <sup>2</sup> .....	346	6,363	-24,829	1,842	-240	-16,518	-551
Commercial .....	--	--	-20,483	--	--	-12,172	-406
SPR .....	--	--	-4,346	--	--	-4,346	-145
Refinery Inputs .....	18,903	103,620	254,083	15,923	62,281	454,810	15,160
Exports .....	724	2,752	92,675	--	2,352	98,503	3,283
<b>Ending Stocks</b>							
Total .....	8,888	133,827	907,066	25,336	48,041	1,123,158	--
Commercial .....	8,888	133,827	273,638	25,336	48,041	489,730	--
Refinery .....	6,524	13,444	49,315	2,650	20,594	92,527	--
Tank Farms and Pipelines .....	2,364	120,383	224,323	22,686	23,653	393,409	--
Cushing, Oklahoma .....	--	46,197	--	--	--	46,197	--
Lease .....	--	--	--	--	--	--	--
Alaskan Crude Oil In-Transit by Water .....	--	--	--	--	3,794	3,794	--
SPR .....	--	--	633,428	--	--	633,428	--
<b>SPR Stocks</b>							
Percent of Total Crude Oil Stocks (Percent) .....	--	--	--	--	--	56.4	--
Percent of Total Petroleum Stocks (Percent) .....	--	--	--	--	--	32.9	--
Days of Total Petroleum Net Imports (Days) .....	--	--	--	--	--	--	--
<b>SPR Receipts Detail</b>							
Receipts .....	--	--	--	--	--	--	--
Domestic .....	--	--	--	--	--	--	--
Imports .....	--	--	--	--	--	--	--
Imported by SPR .....	--	--	--	--	--	--	--
Imported for SPR by Others .....	--	--	--	--	--	--	--
<b>Imports</b>							
PAD District of Entry .....	17,836	74,316	36,361	12,158	33,893	174,564	5,819
PAD District of Processing .....	18,799	70,183	42,594	8,658	34,330	174,564	5,819

-- = 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, April 2021**  
(Thousand Barrels)

PAD District and State	April 2021		January-April 2021	
	Total	Daily Average	Total	Daily Average
<b>PAD District 1</b> .....	<b>2,477</b>	<b>83</b>	<b>9,357</b>	<b>78</b>
Florida .....	127	4	532	4
New York .....	23	1	90	1
Pennsylvania .....	580	19	2,274	19
Virginia .....	0	0	1	0
West Virginia .....	1,747	58	6,461	54
<b>PAD District 2</b> .....	<b>48,081</b>	<b>1,603</b>	<b>192,287</b>	<b>1,602</b>
Illinois .....	595	20	2,279	19
Indiana .....	118	4	448	4
Kansas .....	2,310	77	8,896	74
Kentucky .....	51	2	514	4
Michigan .....	371	12	1,486	12
Missouri .....	4	0	13	0
Nebraska .....	136	5	511	4
North Dakota .....	30,871	1,029	124,951	1,041
Ohio .....	1,538	51	6,503	54
Oklahoma .....	11,998	400	46,299	386
South Dakota .....	79	3	332	3
Tennessee .....	11	0	54	0
<b>PAD District 3</b> .....	<b>236,563</b>	<b>7,885</b>	<b>906,836</b>	<b>7,557</b>
Alabama .....	387	13	1,472	12
Arkansas .....	342	11	1,340	11
Louisiana .....	2,898	97	11,539	96
Mississippi .....	1,126	38	4,462	37
New Mexico .....	35,168	1,172	132,228	1,102
Texas .....	143,724	4,791	540,703	4,506
Federal Offshore PAD District 3 .....	52,919	1,764	215,092	1,792
<b>PAD District 4</b> .....	<b>23,281</b>	<b>776</b>	<b>90,055</b>	<b>750</b>
Colorado .....	12,022	401	45,629	380
Idaho .....	2	0	8	0
Montana .....	1,548	52	6,277	52
Utah .....	2,741	91	10,769	90
Wyoming .....	6,969	232	27,372	228
<b>PAD District 5</b> .....	<b>24,663</b>	<b>822</b>	<b>99,730</b>	<b>831</b>
Alaska .....	13,390	446	54,436	454
South Alaska .....	276	9	1,249	10
North Slope .....	13,114	437	53,187	443
Arizona .....	1	0	2	0
California .....	10,884	363	43,752	365
Nevada .....	16	1	62	1
Federal Offshore PAD District 5 .....	372	12	1,478	12
<b>U.S. Total</b> .....	<b>335,065</b>	<b>11,169</b>	<b>1,298,266</b>	<b>10,819</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, April 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> .....	12	18,840	18,852	4,679	11,277	16,244	32,200
Natural Gas Liquids .....	12	18,840	18,852	4,679	11,277	16,244	32,200
Ethane .....	-	7,201	7,201	1,811	2,960	7,507	12,278
Propane .....	4	6,741	6,745	1,841	4,236	4,822	10,899
Normal Butane .....	8	2,160	2,168	382	1,811	1,572	3,765
Isobutane .....	-	858	858	379	574	847	1,800
Natural Gasoline .....	-	1,880	1,880	266	1,696	1,496	3,458

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> .....	75,221	4,037	5,632	484	9,443	94,817	15,647	1,765	163,281
Natural Gas Liquids .....	75,221	4,037	5,632	484	9,443	94,817	15,647	1,765	163,281
Ethane .....	33,336	1,966	2,347	109	4,094	41,852	4,758	-	66,089
Propane .....	22,794	1,136	1,803	141	2,870	28,744	5,598	253	52,239
Normal Butane .....	7,403	-2,536	624	59	958	6,508	2,098	395	14,934
Isobutane .....	4,424	3,160	347	47	579	8,557	1,011	270	12,496
Natural Gasoline .....	7,264	311	511	128	942	9,156	2,182	847	17,523

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> .....	5	262	267	765	141	419	1,325
Natural Gas Liquids .....	5	262	267	765	141	419	1,325
Ethane .....	-	-	-	33	3	125	161
Propane .....	2	134	136	390	56	107	553
Normal Butane .....	3	44	47	60	32	45	137
Isobutane .....	-	12	12	171	9	43	223
Natural Gasoline .....	-	72	72	111	41	99	251

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> .....	229	180	914	9	1	1,333	206	322	3,453
Natural Gas Liquids .....	229	180	914	9	1	1,333	206	322	3,453
Ethane .....	41	13	237	-	-	291	6	-	458
Propane .....	49	45	180	3	-	277	78	69	1,113
Normal Butane .....	48	29	125	3	-	205	54	142	585
Isobutane .....	33	13	50	-	-	96	18	70	419
Natural Gasoline .....	58	80	322	3	1	464	50	41	878

- = 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, April 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>17,372</b>	<b>1,531</b>	<b>18,903</b>	<b>65,629</b>	<b>14,659</b>	<b>23,332</b>	<b>103,620</b>
<b>Hydrocarbon Gas Liquids</b> .....	<b>1,222</b>	<b>-</b>	<b>1,222</b>	<b>1,098</b>	<b>126</b>	<b>1,113</b>	<b>2,337</b>
Natural Gas Liquids .....	1,222	-	1,222	1,098	126	1,113	2,337
Normal Butane .....	742	-	742	243	51	250	544
Isobutane .....	122	-	122	695	72	379	1,146
Natural Gasoline .....	358	-	358	160	3	484	647
<b>Other Liquids</b> .....	<b>78,569</b>	<b>6,260</b>	<b>84,829</b>	<b>14,950</b>	<b>2,780</b>	<b>3,614</b>	<b>21,344</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	9,280	754	10,034	5,561	1,457	1,798	8,816
Hydrogen .....	76	6	82	625	228	163	1,016
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	--	--	--
Methyl Tertiary Butyl Ether (MTBE) .....	--	--	--	--	--	--	--
All Other Oxygenates <sup>1</sup> .....	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol) .....	9,204	748	9,952	4,912	1,229	1,635	7,776
Fuel Ethanol .....	8,975	681	9,656	4,686	1,019	1,558	7,263
Renewable Diesel Fuel <sup>2</sup> .....	229	67	296	226	210	77	513
Other Renewable Fuels .....	-	-	-	-	-	-	-
Other Hydrocarbons .....	-	-	-	24	-	-	24
Unfinished Oils (net) .....	1,377	73	1,450	1,155	9	320	1,484
Naphthas and Lighter .....	13	119	132	533	57	322	912
Kerosene and Light Gas Oils .....	267	-	267	675	99	73	847
Heavy Gas Oils .....	897	-39	858	392	-147	-44	201
Residuum .....	200	-7	193	-445	-	-31	-476
Motor Gasoline Blend.Comp. (MGBC)(net) .....	67,912	5,433	73,345	8,234	1,314	1,496	11,044
Reformulated - RBOB .....	16,358	-	16,358	41	1,210	803	2,054
Conventional .....	51,554	5,433	56,987	8,193	104	693	8,990
CBOB .....	39,547	5,483	45,030	7,489	246	835	8,570
GTAB .....	4,963	-	4,963	-	-	-	-
Other .....	7,044	-50	6,994	704	-142	-142	420
Aviation Gasoline Blend. Comp. (net) .....	-	-	-	-	-	-	-
<b>Total Input</b> .....	<b>97,163</b>	<b>7,791</b>	<b>104,954</b>	<b>81,677</b>	<b>17,565</b>	<b>28,059</b>	<b>127,301</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, April 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>21,352</b>	<b>131,412</b>	<b>92,072</b>	<b>6,057</b>	<b>3,190</b>	<b>254,083</b>	<b>15,923</b>	<b>62,281</b>	<b>454,810</b>
<b>Hydrocarbon Gas Liquids</b> .....	<b>378</b>	<b>4,606</b>	<b>2,418</b>	<b>62</b>	<b>137</b>	<b>7,601</b>	<b>398</b>	<b>1,967</b>	<b>13,525</b>
Natural Gas Liquids .....	378	4,606	2,418	62	137	7,601	398	1,967	13,525
Normal Butane .....	104	1,153	245	52	—	1,554	146	593	3,579
Isobutane .....	220	1,442	1,345	2	137	3,146	133	606	5,153
Natural Gasoline .....	54	2,011	828	8	—	2,901	119	768	4,793
<b>Other Liquids</b> .....	<b>8,909</b>	<b>-39,396</b>	<b>-29,881</b>	<b>7,830</b>	<b>-336</b>	<b>-52,874</b>	<b>831</b>	<b>12,073</b>	<b>66,203</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	2,128	3,097	1,796	1,121	203	8,345	1,125	6,553	34,873
Hydrogen .....	9	2,098	1,202	63	27	3,399	189	1,363	6,049
Oxygenates (excluding Fuel Ethanol) .....	—	—	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE) .....	—	—	—	—	—	—	—	—	—
All Other Oxygenates <sup>1</sup> .....	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	2,119	999	594	1,058	176	4,946	936	5,190	28,800
Fuel Ethanol .....	2,028	864	494	1,011	150	4,547	851	4,457	26,774
Renewable Diesel Fuel <sup>2</sup> .....	91	132	42	47	26	338	35	712	1,894
Other Renewable Fuels .....	—	3	58	—	—	61	50	21	132
Other Hydrocarbons .....	—	—	—	—	—	—	—	—	24
Unfinished Oils (net) .....	123	-2,397	16	-201	-188	-2,647	-173	1,009	1,123
Naphthas and Lighter .....	-130	-5,970	-1,286	16	-70	-7,440	-340	-334	-7,070
Kerosene and Light Gas Oils .....	227	-1,673	-941	-125	-57	-2,569	-166	-391	-2,012
Heavy Gas Oils .....	79	1,989	-56	-18	-61	1,933	376	903	4,271
Residuum .....	-53	3,257	2,299	-74	—	5,429	-43	831	5,934
Motor Gasoline Blend.Comp. (MGBC)(net) .....	6,656	-40,096	-31,698	6,910	-351	-58,579	-121	4,511	30,200
Reformulated - RBOB .....	5,791	-7,401	-5,243	15	-659	-7,497	—	2,329	13,244
Conventional .....	865	-32,695	-26,455	6,895	308	-51,082	-121	2,182	16,956
CBOB .....	805	-29,110	-27,005	6,924	275	-48,111	-367	1,747	6,869
GTAB .....	—	—	—	—	—	—	—	—	4,963
Other .....	60	-3,585	550	-29	33	-2,971	246	435	5,124
Aviation Gasoline Blend. Comp. (net) .....	2	—	5	—	—	7	—	—	7
<b>Total Input</b> .....	<b>30,639</b>	<b>96,622</b>	<b>64,609</b>	<b>13,949</b>	<b>2,991</b>	<b>208,810</b>	<b>17,152</b>	<b>76,321</b>	<b>534,538</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, April 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 .....	972	44	1,016	4,130	378	603	5,111
Natural Gas Liquids .....	458	44	502	3,097	241	451	3,789
Ethane .....	-	-	-	-	-	-	-
Propane .....	412	19	431	1,396	276	462	2,134
Normal Butane .....	209	36	245	1,642	18	49	1,709
Isobutane .....	-163	-11	-174	59	-53	-60	-54
Natural Gasoline .....	-	-	-	-	-	-	-
Refinery Olefins .....	514	-	514	1,033	137	152	1,322
Ethylene .....	24	-	24	-	-	-	-
Propylene .....	448	-	448	927	137	141	1,205
Normal Butylene .....	2	-	2	106	-	11	117
Isobutylene .....	40	-	40	-	-	-	-
Finished Motor Gasoline .....	88,150	6,746	94,896	48,718	10,067	16,279	75,064
Reformulated .....	34,719	28	34,747	7,554	1,408	896	9,858
Reformulated Blended with Fuel Ethanol .....	34,719	28	34,747	7,554	1,408	896	9,858
Reformulated Other .....	-	-	-	-	-	-	-
Conventional .....	53,431	6,718	60,149	41,164	8,659	15,383	65,206
Conventional Blended with Fuel Ethanol .....	54,533	6,781	61,314	38,607	8,533	14,122	61,262
Ed55 and Lower .....	54,493	6,781	61,274	38,593	8,509	14,032	61,134
Greater than Ed55 .....	40	-	40	14	24	90	128
Conventional Other .....	-1,102	-63	-1,165	2,557	126	1,261	3,944
Finished Aviation Gasoline .....	-	-3	-3	-	29	-	29
Kerosene-Type Jet Fuel .....	1,263	-	1,263	5,561	675	695	6,931
Kerosene .....	-41	-	-41	47	-	8	55
Distillate Fuel Oil .....	5,042	404	5,446	16,866	4,433	8,911	30,210
15 ppm sulfur and under .....	5,091	410	5,501	16,920	4,447	8,633	30,000
Greater than 15 ppm to 500 ppm sulfur .....	34	-4	30	-	-	110	110
Greater than 500 ppm sulfur .....	-83	-2	-85	-54	-14	168	100
Residual Fuel Oil .....	1,161	3	1,164	683	192	116	991
Less than 0.31 percent sulfur .....	-19	2	-17	62	-	-	62
0.31 to 1.00 percent sulfur .....	869	1	870	328	53	24	405
Greater than 1.00 percent sulfur .....	311	-	311	293	139	92	524
Petrochemical Feedstocks .....	-	-	-	980	-	1	981
Naphtha for Petro. Feed. Use .....	-	-	-	635	-	-	635
Other Oils for Petro. Feed. Use .....	-	-	-	345	-	1	346
Special Naphthas .....	-	16	16	-3	-	15	12
Lubricants .....	93	149	242	-	-	249	249
Waxes .....	-	-26	-26	-	-	45	45
Petroleum Coke .....	652	10	662	2,652	807	788	4,247
Marketable .....	248	-	248	1,768	644	578	2,990
Catalyst .....	404	10	414	884	163	210	1,257
Asphalt and Road Oil .....	196	354	550	3,284	1,351	311	4,946
Still Gas .....	820	41	861	2,273	550	901	3,724
Miscellaneous Products .....	47	38	85	217	95	49	361
<b>Total .....</b>	<b>98,355</b>	<b>7,776</b>	<b>106,131</b>	<b>85,408</b>	<b>18,577</b>	<b>28,971</b>	<b>132,956</b>
Processing Gain(-) or Loss(+) <sup>1</sup> .....	<b>-1,192</b>	<b>15</b>	<b>-1,177</b>	<b>-3,731</b>	<b>-1,012</b>	<b>-912</b>	<b>-5,655</b>

See footnotes at end of table.

**Table 29. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, April 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			
Hydrocarbon Gas Liquids .....	839	8,554	5,470	16	49	14,928	404	1,901	23,360
Natural Gas Liquids .....	467	4,689	2,779	14	49	7,998	300	1,748	14,337
Ethane .....	6	43	20	-	-	69	-	-	69
Propane .....	337	2,290	1,888	-1	35	4,549	228	1,061	8,403
Normal Butane .....	166	2,799	563	15	14	3,557	105	534	6,150
Isobutane .....	-42	-443	308	-	-	-177	-33	153	-285
Natural Gasoline .....	-	-	-	-	-	-	-	-	-
Refinery Olefins .....	372	3,865	2,691	2	-	6,930	104	153	9,023
Ethylene .....	-	6	-	-	-	6	-	-	30
Propylene .....	415	3,809	2,905	2	-	7,131	45	144	8,973
Normal Butylene .....	-43	114	-214	-	-	-143	59	9	44
Isobutylene .....	-	-64	-	-	-	-64	-	-	-24
Finished Motor Gasoline .....	20,216	22,141	12,719	9,261	1,500	65,837	8,783	44,500	289,080
Reformulated .....	7,050	6,505	-	-	-	13,555	-	30,787	88,947
Reformulated Blended with Fuel Ethanol .....	7,050	6,505	-	-	-	13,555	-	30,787	88,947
Reformulated Other .....	-	-	-	-	-	-	-	-	-
Conventional .....	13,166	15,636	12,719	9,261	1,500	52,282	8,783	13,713	200,133
Conventional Blended with Fuel Ethanol .....	13,074	2,020	4,917	10,013	1,499	31,523	8,530	13,723	176,352
Ed55 and Lower .....	13,058	2,019	4,917	10,000	1,498	31,492	8,514	13,719	176,133
Greater than Ed55 .....	16	1	-	13	1	31	16	4	219
Conventional Other .....	92	13,616	7,802	-752	1	20,759	253	-10	23,781
Finished Aviation Gasoline .....	73	109	85	-	-	267	5	-1	297
Kerosene-Type Jet Fuel .....	1,510	9,976	7,908	212	0	19,606	887	9,192	37,879
Kerosene .....	4	-	19	4	-	27	-	9	50
Distillate Fuel Oil .....	6,756	42,019	30,326	1,914	1,251	82,266	5,192	15,086	138,200
15 ppm sulfur and under .....	6,748	40,819	26,074	1,749	1,251	76,641	5,158	13,763	131,063
Greater than 15 ppm to 500 ppm sulfur .....	8	459	2,252	122	-	2,841	63	1,050	4,094
Greater than 500 ppm sulfur .....	-	741	2,000	43	-	2,784	-29	273	3,043
Residual Fuel Oil .....	317	-172	768	-3	39	949	302	2,034	5,440
Less than 0.31 percent sulfur .....	239	-	265	-	-	504	135	54	738
0.31 to 1.00 percent sulfur .....	-1	433	302	-3	-	731	23	591	2,620
Greater than 1.00 percent sulfur .....	79	-605	201	-	39	-286	144	1,389	2,082
Petrochemical Feedstocks .....	136	5,294	2,334	-	-	7,764	-	-	8,745
Naphtha for Petro. Feed. Use .....	127	3,782	1,537	-	-	5,446	-	-	6,081
Other Oils for Petro. Feed. Use .....	9	1,512	797	-	-	2,318	-	-	2,664
Special Naphthas .....	77	730	-	205	-	1,012	-	45	1,085
Lubricants .....	24	1,778	1,281	822	-	3,905	-	589	4,985
Waxes .....	-	50	53	19	-	122	-	-	141
Petroleum Coke .....	391	7,368	4,838	138	23	12,758	650	3,835	22,152
Marketable .....	140	5,683	3,873	134	-	9,830	442	2,962	16,472
Catalyst .....	251	1,685	965	4	23	2,928	208	873	5,680
Asphalt and Road Oil .....	270	637	599	1,244	83	2,833	967	755	10,051
Still Gas .....	894	5,917	3,582	245	66	10,704	564	3,272	19,125
Miscellaneous Products .....	142	916	404	13	48	1,523	83	364	2,416
<b>Total .....</b>	<b>31,649</b>	<b>105,317</b>	<b>70,386</b>	<b>14,090</b>	<b>3,059</b>	<b>224,501</b>	<b>17,837</b>	<b>81,581</b>	<b>563,006</b>
Processing Gain(-) or Loss(+) <sup>1</sup> .....	<b>-1,010</b>	<b>-8,695</b>	<b>-5,777</b>	<b>-141</b>	<b>-68</b>	<b>-15,691</b>	<b>-685</b>	<b>-5,260</b>	<b>-28,468</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, April 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>17,372</b>	<b>1,531</b>	<b>18,903</b>	<b>65,629</b>	<b>14,659</b>	<b>23,332</b>	<b>103,620</b>
<b>Hydrocarbon Gas Liquids</b> .....	<b>145</b>	<b>-</b>	<b>145</b>	<b>865</b>	<b>72</b>	<b>792</b>	<b>1,729</b>
Natural Gas Liquids .....	145	-	145	865	72	792	1,729
Normal Butane .....	23	-	23	10	-	-	10
Isobutane .....	122	-	122	695	72	379	1,146
Natural Gasoline .....	-	-	-	160	-	413	573
<b>Other Liquids</b> .....	<b>-8,044</b>	<b>203</b>	<b>-7,841</b>	<b>-27,826</b>	<b>-5,308</b>	<b>-9,547</b>	<b>-42,681</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	145	100	245	922	434	327	1,683
Hydrogen .....	76	6	82	625	228	163	1,016
Oxygenates (excluding Fuel Ethanol) .....	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE) .....	-	-	-	-	-	-	-
All Other Oxygenates <sup>1</sup> .....	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol) .....	69	94	163	273	206	164	643
Fuel Ethanol .....	69	75	144	186	146	140	472
Renewable Diesel Fuel <sup>2</sup> .....	-	19	19	87	60	24	171
Other Renewable Fuels .....	-	-	-	-	-	-	-
Other Hydrocarbons .....	-	-	-	24	-	-	24
Unfinished Oils (net) .....	1,377	73	1,450	1,152	9	320	1,481
Naphthas and Lighter .....	13	119	132	533	57	322	912
Kerosene and Light Gas Oils .....	267	-	267	675	99	73	847
Heavy Gas Oils .....	897	-39	858	389	-147	-44	198
Residuum .....	200	-7	193	-445	-	-31	-476
Motor Gasoline Blend.Comp. (MGBC)(net) .....	-9,566	30	-9,536	-29,900	-5,751	-10,194	-45,845
Reformulated - RBOB .....	-6,422	-	-6,422	-6,407	-	-	-6,407
Conventional .....	-3,144	30	-3,114	-23,493	-5,751	-10,194	-39,438
CBOB .....	-2,585	80	-2,505	-24,197	-5,644	-10,052	-39,893
GTAB .....	-	-	-	-	-	-	-
Other .....	-559	-50	-609	704	-107	-142	455
Aviation Gasoline Blend. Comp. (net) .....	-	-	-	-	-	-	-
<b>Total Input to Refineries</b> .....	<b>9,473</b>	<b>1,734</b>	<b>11,207</b>	<b>38,668</b>	<b>9,423</b>	<b>14,577</b>	<b>62,668</b>
<b>Atmospheric Crude Oil Distillation</b>							
Gross Input (daily average) .....	589	52	641	2,187	498	779	3,464
Operable Capacity (daily average) .....	720	98	818	2,716	547	926	4,188
Operable Utilization Rate (percent) <sup>3</sup> .....	81.9	52.4	78.4	80.5	91.0	84.2	82.7
<b>Downstream Processing</b>							
<b>Fresh Feed Input (daily average)</b>							
Catalytic Reforming .....	101	10	110	433	77	162	672
Catalytic Cracking .....	238	8	246	658	135	180	973
Catalytic Hydrocracking .....	34	-	34	198	50	58	306
Delayed and Fluid Coking .....	35	-	35	224	63	76	363
<b>Crude Oil Qualities</b>							
Sulfur Content, Weighted Average (percent) .....	0.95	1.40	0.99	1.32	1.96	0.67	1.26
API Gravity, Weighted Average (degrees) .....	36.46	33.87	36.24	34.76	26.83	38.85	34.50
<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	2,464	509	926	3,898
Idle .....	-	-	-	252	38	-	290
<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, April 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>21,352</b>	<b>131,412</b>	<b>92,072</b>	<b>6,057</b>	<b>3,190</b>	<b>254,083</b>	<b>15,923</b>	<b>62,281</b>	<b>454,810</b>
<b>Hydrocarbon Gas Liquids</b> .....	<b>355</b>	<b>3,258</b>	<b>2,418</b>	<b>8</b>	<b>137</b>	<b>6,176</b>	<b>351</b>	<b>1,895</b>	<b>10,296</b>
Natural Gas Liquids .....	355	3,258	2,418	8	137	6,176	351	1,895	10,296
Normal Butane .....	87	939	245	—	—	1,271	110	521	1,935
Isobutane .....	220	1,442	1,345	2	137	3,146	129	606	5,149
Natural Gasoline .....	48	877	828	6	—	1,759	112	768	3,212
<b>Other Liquids</b> .....	<b>-8,737</b>	<b>-47,389</b>	<b>-33,014</b>	<b>-1,000</b>	<b>-1,731</b>	<b>-91,871</b>	<b>-4,048</b>	<b>-29,869</b>	<b>-176,310</b>
Hydrogen/Oxygenates/Renewables/									
Other Hydrocarbons .....	291	2,217	1,485	123	41	4,157	488	1,758	8,331
Hydrogen .....	9	2,098	1,202	63	27	3,399	189	1,363	6,049
Oxygenates (excluding Fuel Ethanol) .....	—	—	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE) .....	—	—	—	—	—	—	—	—	—
All Other Oxygenates <sup>1</sup> .....	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	282	119	283	60	14	758	299	395	2,258
Fuel Ethanol .....	227	50	183	42	6	508	227	104	1,455
Renewable Diesel Fuel <sup>2</sup> .....	55	69	42	18	8	192	22	270	674
Other Renewable Fuels .....	—	—	58	—	—	58	50	21	129
Other Hydrocarbons .....	—	—	—	—	—	—	—	—	24
Unfinished Oils (net) .....	123	-1,938	-28	-201	-188	-2,232	-173	1,009	1,535
Naphthas and Lighter .....	-130	-5,970	-1,286	16	-70	-7,440	-340	-334	-7,070
Kerosene and Light Gas Oils .....	227	-1,214	-985	-125	-57	-2,154	-166	-391	-1,597
Heavy Gas Oils .....	79	1,989	-56	-18	-61	1,933	376	903	4,268
Residuum .....	-53	3,257	2,299	-74	—	5,429	-43	831	5,934
Motor Gasoline Blend Comp. (MGBC)(net) .....	-9,153	-47,668	-34,476	-922	-1,584	-93,803	-4,363	-32,636	-186,183
Reformulated - RBOB .....	-608	-13,288	-5,243	—	-659	-19,798	—	-24,775	-57,402
Conventional .....	-8,545	-34,380	-29,233	-922	-925	-74,005	-4,363	-7,861	-128,781
CBOB .....	-8,605	-28,104	-28,474	-893	-954	-67,030	-4,608	-8,163	-122,199
GTAB .....	—	—	—	—	—	—	—	—	—
Other .....	60	-6,276	-759	-29	29	-6,975	245	302	-6,582
Aviation Gasoline Blend. Comp. (net) .....	2	—	5	—	—	7	—	—	7
<b>Total Input to Refineries</b> .....	<b>12,970</b>	<b>87,281</b>	<b>61,476</b>	<b>5,065</b>	<b>1,596</b>	<b>168,388</b>	<b>12,226</b>	<b>34,307</b>	<b>288,796</b>
<b>Atmospheric Crude Oil Distillation</b>									
Gross Input (daily average) .....	715	4,578	3,188	169	106	8,757	531	2,240	15,633
Operable Capacity (daily average) .....	746	5,106	3,531	258	110	9,751	657	2,714	18,128
Operable Utilization Rate (percent) <sup>3</sup> .....	95.8	89.7	90.3	65.6	96.7	89.8	80.9	82.6	86.2
<b>Downstream Processing</b>									
<b>Fresh Feed Input (daily average)</b>									
Catalytic Reforming .....	158	693	539	29	21	1,440	84	382	2,689
Catalytic Cracking .....	181	1,241	821	4	27	2,274	152	609	4,253
Catalytic Hydrocracking .....	47	568	435	16	13	1,079	23	438	1,879
Delayed and Fluid Coking .....	22	713	481	34	—	1,250	48	387	2,084
<b>Crude Oil Qualities</b>									
Sulfur Content, Weighted Average (percent) .....	0.54	1.45	1.12	1.57	0.83	1.24	1.36	1.29	1.24
API Gravity, Weighted Average (degrees) .....	40.30	31.81	33.32	29.71	38.82	33.19	33.54	28.92	33.02
<b>Operable Capacity (daily average)</b> .....	<b>746</b>	<b>5,106</b>	<b>3,531</b>	<b>258</b>	<b>110</b>	<b>9,751</b>	<b>657</b>	<b>2,714</b>	<b>18,128</b>
Operating .....	746	5,071	3,428	175	110	9,530	647	2,660	17,553
Idle .....	—	35	103	83	—	221	10	54	574
<b>Alaskan Crude Oil Receipts</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>12,050</b>	<b>12,050</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, April 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 .....	972	44	1,016	4,130	378	603	5,111
Natural Gas Liquids .....	458	44	502	3,097	241	451	3,789
Ethane .....	-	-	-	-	-	-	-
Propane .....	412	19	431	1,396	276	462	2,134
Normal Butane .....	209	36	245	1,642	18	49	1,709
Isobutane .....	-163	-11	-174	59	-53	-60	-54
Natural Gasoline .....	-	-	-	-	-	-	-
Refinery Olefins .....	514	-	514	1,033	137	152	1,322
Ethylene .....	24	-	24	-	-	-	-
Propylene .....	448	-	448	927	137	141	1,205
Normal Butylene .....	2	-	2	106	-	11	117
Isobutylene .....	40	-	40	-	-	-	-
Finished Motor Gasoline .....	687	734	1,421	5,828	2,078	2,852	10,758
Reformulated .....	687	-	687	-	-	4	4
Reformulated Blended with Fuel Ethanol .....	687	-	687	-	-	4	4
Reformulated Other .....	-	-	-	-	-	-	-
Conventional .....	-	734	734	5,828	2,078	2,848	10,754
Conventional Blended with Fuel Ethanol .....	-	751	751	1,895	1,420	1,446	4,761
Ed55 and Lower .....	-	751	751	1,895	1,420	1,446	4,761
Greater than Ed55 .....	-	-	-	-	-	-	-
Conventional Other .....	-	-17	-17	3,933	658	1,402	5,993
Finished Aviation Gasoline .....	-	-	-	-	29	-	29
Kerosene-Type Jet Fuel .....	1,263	-	1,263	5,582	675	695	6,952
Kerosene .....	-40	-	-40	47	-	8	55
Distillate Fuel Oil .....	4,800	356	5,156	16,731	4,283	8,859	29,873
15 ppm sulfur and under .....	4,845	362	5,207	16,785	4,297	8,581	29,663
Greater than 15 ppm to 500 ppm sulfur .....	5	-4	1	-	-	21	21
Greater than 500 ppm sulfur .....	-50	-2	-52	-54	-14	257	189
Residual Fuel Oil .....	1,172	3	1,175	683	192	116	991
Less than 0.31 percent sulfur .....	-	2	2	62	-	-	62
0.31 to 1.00 percent sulfur .....	871	1	872	328	53	24	405
Greater than 1.00 percent sulfur .....	301	-	301	293	139	92	524
Petrochemical Feedstocks .....	-	-	-	980	-	1	981
Naphtha for Petro. Feed. Use .....	-	-	-	635	-	-	635
Other Oils for Petro. Feed. Use .....	-	-	-	345	-	1	346
Special Naphthas .....	-	16	16	-3	-	15	12
Lubricants .....	93	149	242	-	-	249	249
Waxes .....	-	-26	-26	-	-	45	45
Petroleum Coke .....	652	10	662	2,652	807	788	4,247
Marketable .....	248	-	248	1,768	644	578	2,990
Catalyst .....	404	10	414	884	163	210	1,257
Asphalt and Road Oil .....	196	354	550	3,281	1,351	309	4,941
Still Gas .....	820	41	861	2,273	550	901	3,724
Miscellaneous Products .....	47	38	85	217	95	49	361
<b>Total .....</b>	<b>10,662</b>	<b>1,719</b>	<b>12,381</b>	<b>42,401</b>	<b>10,438</b>	<b>15,490</b>	<b>68,329</b>
Processing Gain(-) or Loss(+) <sup>1</sup> .....	-1,189	15	-1,174	-3,733	-1,015	-913	-5,661

See footnotes at end of table.

**Table 31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, April 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 .....	839	8,554	5,470	16	49	14,928	404	1,901	23,360	
Natural Gas Liquids .....	467	4,689	2,779	14	49	7,998	300	1,748	14,337	
Ethane .....	6	43	20	—	—	69	—	—	69	
Propane .....	337	2,290	1,888	-1	35	4,549	228	1,061	8,403	
Normal Butane .....	166	2,799	563	15	14	3,557	105	534	6,150	
Isobutane .....	-42	-443	308	—	—	-177	-33	153	-285	
Natural Gasoline .....	—	—	—	—	—	—	—	—	—	
Refinery Olefins .....	372	3,865	2,691	2	—	6,930	104	153	9,023	
Ethylene .....	—	6	—	—	—	6	—	—	30	
Propylene .....	415	3,809	2,905	2	—	7,131	45	144	8,973	
Normal Butylene .....	-43	114	-214	—	—	-143	59	9	44	
Isobutylene .....	—	-64	—	—	—	-64	—	—	-24	
Finished Motor Gasoline .....	2,582	12,405	9,631	404	123	25,145	3,873	2,928	44,125	
Reformulated .....	—	—	—	—	—	—	—	599	1,290	
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	599	1,290	
Reformulated Other .....	—	—	—	—	—	—	—	—	—	
Conventional .....	2,582	12,405	9,631	404	123	25,145	3,873	2,329	42,835	
Conventional Blended with Fuel Ethanol .....	2,322	496	1,842	399	63	5,122	2,341	416	13,391	
Ed55 and Lower .....	2,322	496	1,842	399	63	5,122	2,341	416	13,391	
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—	
Conventional Other .....	260	11,909	7,789	5	60	20,023	1,532	1,913	29,444	
Finished Aviation Gasoline .....	73	109	85	—	—	267	5	-1	300	
Kerosene-Type Jet Fuel .....	1,510	9,976	7,905	212	—	19,603	838	9,199	37,855	
Kerosene .....	4	—	18	4	—	26	—	1	42	
Distillate Fuel Oil .....	6,721	42,240	30,329	1,886	1,233	82,409	5,227	14,644	137,309	
15 ppm sulfur and under .....	6,713	40,755	26,077	1,721	1,233	76,499	5,193	13,325	129,887	
Greater than 15 ppm to 500 ppm sulfur .....	8	459	2,252	122	—	2,841	63	1,050	3,976	
Greater than 500 ppm sulfur .....	—	1,026	2,000	43	—	3,069	-29	269	3,446	
Residual Fuel Oil .....	317	2	724	-3	39	1,079	302	2,034	5,581	
Less than 0.31 percent sulfur .....	239	—	221	—	—	460	135	46	705	
0.31 to 1.00 percent sulfur .....	-1	433	302	-3	—	731	23	593	2,624	
Greater than 1.00 percent sulfur .....	79	-431	201	—	39	-112	144	1,395	2,252	
Petrochemical Feedstocks .....	136	5,294	2,334	—	—	7,764	—	—	8,745	
Naphtha for Petro. Feed. Use .....	127	3,782	1,537	—	—	5,446	—	—	6,081	
Other Oils for Petro. Feed. Use .....	9	1,512	797	—	—	2,318	—	—	2,664	
Special Naphthas .....	77	730	—	205	—	1,012	—	45	1,085	
Lubricants .....	24	1,778	1,281	822	—	3,905	—	589	4,985	
Waxes .....	—	50	53	19	—	122	—	—	141	
Petroleum Coke .....	391	7,368	4,838	138	23	12,758	650	3,835	22,152	
Marketable .....	140	5,683	3,873	134	—	9,830	442	2,962	16,472	
Catalyst .....	251	1,685	965	4	23	2,928	208	873	5,680	
Asphalt and Road Oil .....	270	637	599	1,244	83	2,833	967	755	10,046	
Still Gas .....	894	5,917	3,582	245	66	10,704	564	3,272	19,125	
Miscellaneous Products .....	142	916	404	13	48	1,523	83	364	2,416	
<b>Total .....</b>	<b>13,980</b>	<b>95,976</b>	<b>67,253</b>	<b>5,205</b>	<b>1,664</b>	<b>184,078</b>	<b>12,913</b>	<b>39,566</b>	<b>317,267</b>	
Processing Gain(-) or Loss(+) <sup>1</sup> .....	-1,010	-8,695	-5,777	-140	-68	-15,690	-687	-5,259	-28,471	

— = 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, April 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>1,077</b>	<b>-</b>	<b>1,077</b>	<b>233</b>	<b>54</b>	<b>321</b>	<b>608</b>
Natural Gas Liquids .....	1,077	-	1,077	233	54	321	608
Normal Butane .....	719	-	719	233	51	250	534
Isobutane .....	-	-	-	-	-	-	-
Natural Gasoline .....	358	-	358	-	3	71	74
<b>Other Liquids</b> .....	<b>86,613</b>	<b>6,057</b>	<b>92,670</b>	<b>42,776</b>	<b>8,088</b>	<b>13,161</b>	<b>64,025</b>
Oxygenates/Renewables .....	9,135	654	9,789	4,639	1,023	1,471	7,133
Oxygenates (excluding Fuel Ethanol) .....	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE) .....	-	-	-	-	-	-	-
All Other Oxygenates <sup>1</sup> .....	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol) .....	9,135	654	9,789	4,639	1,023	1,471	7,133
Fuel Ethanol .....	8,906	606	9,512	4,500	873	1,418	6,791
Renewable Diesel Fuel <sup>2</sup> .....	229	48	277	139	150	53	342
Other Renewable Fuels .....	-	-	-	-	-	-	-
Unfinished Oils (net) .....	-	-	-	3	-	-	3
Naphthas and Lighter .....	-	-	-	-	-	-	-
Kerosene and Light Gas Oils .....	-	-	-	-	-	-	-
Heavy Gas Oils .....	-	-	-	3	-	-	3
Residuum .....	-	-	-	-	-	-	-
Motor Gasoline Blend.Comp. (MGBC)(net) .....	77,478	5,403	82,881	38,134	7,065	11,690	56,889
Reformulated - RBOB .....	22,780	-	22,780	6,448	1,210	803	8,461
Conventional .....	54,698	5,403	60,101	31,686	5,855	10,887	48,428
CBOB .....	42,132	5,403	47,535	31,686	5,890	10,887	48,463
GTAB .....	4,963	-	4,963	-	-	-	-
Other .....	7,603	-	7,603	-	-35	-	-35
Aviation Gasoline Blend. Comp. (net) .....	-	-	-	-	-	-	-
<b>Total Input</b> .....	<b>87,690</b>	<b>6,057</b>	<b>93,747</b>	<b>43,009</b>	<b>8,142</b>	<b>13,482</b>	<b>64,633</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>23</b>	<b>1,348</b>	<b>-</b>	<b>54</b>	<b>-</b>	<b>1,425</b>	<b>47</b>	<b>72</b>	<b>3,229</b>
Natural Gas Liquids .....	23	1,348	-	54	-	1,425	47	72	3,229
Normal Butane .....	17	214	-	52	-	283	36	72	1,644
Isobutane .....	-	-	-	-	-	-	4	-	4
Natural Gasoline .....	6	1,134	-	2	-	1,142	7	-	1,581
<b>Other Liquids</b> .....	<b>17,646</b>	<b>7,993</b>	<b>3,133</b>	<b>8,830</b>	<b>1,395</b>	<b>38,997</b>	<b>4,879</b>	<b>41,942</b>	<b>242,513</b>
Oxygenates/Renewables .....	1,837	880	311	998	162	4,188	637	4,795	26,542
Oxygenates (excluding Fuel Ethanol) .....	-	-	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE) .....	-	-	-	-	-	-	-	-	-
All Other Oxygenates <sup>1</sup> .....	-	-	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol) .....	1,837	880	311	998	162	4,188	637	4,795	26,542
Fuel Ethanol .....	1,801	814	311	969	144	4,039	624	4,353	25,319
Renewable Diesel Fuel <sup>2</sup> .....	36	63	-	29	18	146	13	442	1,220
Other Renewable Fuels .....	-	3	-	-	-	3	-	-	3
Unfinished Oils (net) .....	-	-459	44	-	-	-415	-	-	-412
Naphthas and Lighter .....	-	-	-	-	-	-	-	-	-
Kerosene and Light Gas Oils .....	-	-459	44	-	-	-415	-	-	-415
Heavy Gas Oils .....	-	-	-	-	-	-	-	-	3
Residuum .....	-	-	-	-	-	-	-	-	-
Motor Gasoline Blend.Comp. (MGBC)(net) .....	15,809	7,572	2,778	7,832	1,233	35,224	4,242	37,147	216,383
Reformulated - RBOB .....	6,399	5,887	-	15	-	12,301	-	27,104	70,646
Conventional .....	9,410	1,685	2,778	7,817	1,233	22,923	4,242	10,043	145,737
CBOB .....	9,410	-1,006	1,469	7,817	1,229	18,919	4,241	9,910	129,068
GTAB .....	-	-	-	-	-	-	-	-	4,963
Other .....	-	2,691	1,309	-	4	4,004	1	133	11,706
Aviation Gasoline Blend. Comp. (net) .....	-	-	-	-	-	-	-	-	-
<b>Total Input</b> .....	<b>17,669</b>	<b>9,341</b>	<b>3,133</b>	<b>8,884</b>	<b>1,395</b>	<b>40,422</b>	<b>4,926</b>	<b>42,014</b>	<b>245,742</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, April 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 .....	87,463	6,012	93,475	42,890	7,989	13,427	64,306
Reformulated .....	34,032	28	34,060	7,554	1,408	892	9,854
Reformulated Blended with Fuel Ethanol .....	34,032	28	34,060	7,554	1,408	892	9,854
Reformulated Other .....	-	-	-	-	-	-	-
Conventional .....	53,431	5,984	59,415	35,336	6,581	12,535	54,452
Conventional Blended with Fuel Ethanol .....	54,533	6,030	60,563	36,712	7,113	12,676	56,501
Ed55 and Lower .....	54,493	6,030	60,523	36,698	7,089	12,586	56,373
Greater than Ed55 .....	40	-	40	14	24	90	128
Conventional Other .....	-1,102	-46	-1,148	-1,376	-532	-141	-2,049
Finished Aviation Gasoline .....	-	-3	-3	-	-	-	-
Kerosene-Type Jet Fuel .....	0	-	0	-21	-	0	-21
Kerosene .....	-1	-	-1	-	-	-	-
Distillate Fuel Oil .....	242	48	290	135	150	52	337
15 ppm sulfur and under .....	246	48	294	135	150	52	337
Greater than 15 ppm to 500 ppm sulfur .....	29	-	29	-	-	89	89
Greater than 500 ppm sulfur .....	-33	-	-33	-	-	-89	-89
Residual Fuel Oil .....	-11	-	-11	-	-	-	-
Less than 0.31 percent sulfur .....	-19	-	-19	-	-	-	-
0.31 to 1.00 percent sulfur .....	-2	-	-2	-	-	-	-
Greater than 1.00 percent sulfur .....	10	-	10	-	-	-	-
Special Naphthas .....	-	-	-	-	-	-	-
Lubricants .....	-	-	-	-	-	-	-
Asphalt and Road Oil .....	-	-	-	3	-	2	5
Miscellaneous Products .....	-	-	-	-	-	-	-
<b>Total Production .....</b>	<b>87,693</b>	<b>6,057</b>	<b>93,750</b>	<b>43,007</b>	<b>8,139</b>	<b>13,481</b>	<b>64,627</b>
Processing Gain(-) or Loss(+) <sup>1</sup> .....	-3	0	-3	2	3	1	6

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 .....	17,634	9,736	3,088	8,857	1,377	40,692	4,910	41,572	244,955
Reformulated .....	7,050	6,505	-	-	-	13,555	-	30,188	87,657
Reformulated Blended with Fuel Ethanol .....	7,050	6,505	-	-	-	13,555	-	30,188	87,657
Reformulated Other .....	-	-	-	-	-	-	-	-	-
Conventional .....	10,584	3,231	3,088	8,857	1,377	27,137	4,910	11,384	157,298
Conventional Blended with Fuel Ethanol .....	10,752	1,524	3,075	9,614	1,436	26,401	6,189	13,307	162,961
Ed55 and Lower .....	10,736	1,523	3,075	9,601	1,435	26,370	6,173	13,303	162,742
Greater than Ed55 .....	16	1	-	13	1	31	16	4	219
Conventional Other .....	-168	1,707	13	-757	-59	736	-1,279	-1,923	-5,663
Finished Aviation Gasoline .....	-	-	-	-	-	-	-	-	-3
Kerosene-Type Jet Fuel .....	0	-	3	-	0	3	49	-7	24
Kerosene .....	-	-	1	-	-	1	-	8	8
Distillate Fuel Oil .....	35	-221	-3	28	18	-143	-35	442	891
15 ppm sulfur and under .....	35	64	-3	28	18	142	-35	438	1,176
Greater than 15 ppm to 500 ppm sulfur .....	-	-	-	-	-	-	-	-	118
Greater than 500 ppm sulfur .....	-	-285	-	-	-	-285	-	4	-403
Residual Fuel Oil .....	-	-174	44	-	-	-130	-	0	-141
Less than 0.31 percent sulfur .....	-	-	44	-	-	44	-	8	33
0.31 to 1.00 percent sulfur .....	-	-	-	-	-	-	-	-2	-4
Greater than 1.00 percent sulfur .....	-	-174	-	-	-	-174	-	-6	-170
Special Naphthas .....	-	-	-	-	-	-	-	-	-
Lubricants .....	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil .....	-	-	-	-	-	-	-	-	5
Miscellaneous Products .....	-	-	-	-	-	-	-	-	-
<b>Total Production .....</b>	<b>17,669</b>	<b>9,341</b>	<b>3,133</b>	<b>8,885</b>	<b>1,395</b>	<b>40,423</b>	<b>4,924</b>	<b>42,015</b>	<b>245,739</b>
Processing Gain(-) or Loss(+) <sup>1</sup> .....	0	0	0	-1	0	-1	2	-1	3

- = 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, April 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>5,722</b>	<b>802</b>	<b>6,524</b>	<b>9,781</b>	<b>1,769</b>	<b>1,894</b>	<b>13,444</b>
<b>Petroleum Products</b> .....	<b>9,479</b>	<b>1,899</b>	<b>11,378</b>	<b>27,458</b>	<b>7,797</b>	<b>10,285</b>	<b>45,540</b>
Hydrocarbon Gas Liquids .....	548	25	573	1,914	228	700	2,842
Natural Gas Liquids .....	408	25	433	1,468	215	691	2,374
Ethane .....	—	—	—	—	—	—	—
Propane .....	77	9	86	466	27	196	689
Normal Butane .....	260	6	266	644	135	144	923
Isobutane .....	71	10	81	253	53	159	465
Natural Gasoline .....	—	—	—	105	—	192	297
Refinery Olefins .....	140	0	140	446	13	9	468
Ethylene .....	—	—	—	—	—	—	—
Propylene .....	114	0	114	329	13	6	348
Normal Butylene .....	4	0	4	117	0	3	120
Isobutylene .....	22	0	22	0	0	0	0
Oxygenates/Renewable Fuels/Other Hydrocarbons .....	110	114	224	66	51	25	142
Oxygenates (excluding Fuel Ethanol) .....	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE) .....	—	—	—	—	—	—	—
All Other Oxygenates <sup>1</sup> .....	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	110	114	224	50	51	25	126
Fuel Ethanol .....	110	104	214	28	42	23	93
Renewable Diesel Fuel <sup>2</sup> .....	—	10	10	22	9	2	33
Other Renewable Fuels .....	—	—	—	—	—	—	—
Other Hydrocarbons .....	—	—	—	16	—	—	16
Unfinished Oils .....	3,294	400	3,694	7,931	1,307	4,121	13,359
Naphthas and Lighter .....	702	229	931	1,970	199	1,182	3,351
Kerosene and Light Gas Oils .....	238	—	238	1,628	395	365	2,388
Heavy Gas Oils .....	1,732	160	1,892	2,671	700	1,479	4,850
Residuum .....	622	11	633	1,662	13	1,095	2,770
Motor Gasoline Blending Components (MGBC) .....	2,923	243	3,166	7,553	1,767	2,549	11,869
Reformulated - RBOB .....	848	—	848	859	—	—	859
Conventional .....	2,075	243	2,318	6,694	1,767	2,549	11,010
CBOB .....	138	143	281	2,484	1,006	1,569	5,059
GTAB .....	—	—	—	—	—	—	—
Other .....	1,937	100	2,037	4,210	761	980	5,951
Aviation Gasoline Blending Components .....	—	—	—	—	—	—	—
Finished Motor Gasoline .....	—	31	31	778	218	255	1,251
Reformulated .....	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—
Reformulated Other .....	—	—	—	—	—	—	—
Conventional .....	—	31	31	778	218	255	1,251
Conventional Blended with Fuel Ethanol .....	—	—	—	—	—	—	—
Ed55 and Lower .....	—	—	—	—	—	—	—
Greater than Ed55 .....	—	—	—	—	—	—	—
Conventional Other .....	—	31	31	778	218	255	1,251
Finished Aviation Gasoline .....	—	—	—	—	88	—	88
Kerosene-Type Jet Fuel .....	469	—	469	1,251	300	266	1,817
Kerosene .....	70	5	75	61	—	16	77
Distillate Fuel Oil .....	1,207	169	1,376	3,199	822	1,668	5,689
15 ppm sulfur and under .....	812	124	936	3,082	797	1,328	5,207
Greater than 15 ppm to 500 ppm sulfur .....	59	28	87	—	1	46	47
Greater than 500 ppm sulfur .....	336	17	353	117	24	294	435
Residual Fuel Oil .....	352	17	369	647	286	84	1,017
Less than 0.31 percent sulfur .....	—	16	16	46	—	—	46
0.31 to 1.00 percent sulfur .....	120	1	121	130	20	29	179
Greater than 1.00 percent sulfur .....	232	—	232	471	266	55	792
Petrochemical Feedstocks .....	—	—	—	506	—	—	506
Naphtha for Petro. Feed. Use .....	—	—	—	417	—	—	417
Other Oils for Petro. Feed. Use .....	—	—	—	89	—	—	89
Special Naphthas .....	—	26	26	73	—	10	83
Lubricants .....	330	211	541	—	—	208	208
Waxes .....	—	231	231	—	—	30	30
Petroleum Coke .....	—	—	—	335	1,409	134	1,878
Marketable .....	—	—	—	335	1,409	134	1,878
Catalyst .....	—	—	—	—	—	—	—
Asphalt and Road Oil .....	167	389	556	3,087	1,311	215	4,613
Miscellaneous Products .....	9	38	47	57	10	4	71
<b>Total Stocks, All Oils</b> .....	<b>15,201</b>	<b>2,701</b>	<b>17,902</b>	<b>37,239</b>	<b>9,566</b>	<b>12,179</b>	<b>58,984</b>

See footnotes at end of table.

**Table 34. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, April 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>2,222</b>	<b>29,780</b>	<b>15,726</b>	<b>1,264</b>	<b>323</b>	<b>49,315</b>	<b>2,650</b>	<b>20,594</b>	<b>92,527</b>
<b>Petroleum Products</b> .....	<b>9,730</b>	<b>59,056</b>	<b>45,323</b>	<b>3,639</b>	<b>1,148</b>	<b>118,896</b>	<b>11,490</b>	<b>44,229</b>	<b>231,533</b>
Hydrocarbon Gas Liquids .....	2,305	2,123	1,586	12	50	6,076	419	1,422	11,332
Natural Gas Liquids .....	1,850	1,961	1,132	11	50	5,004	297	1,397	9,505
Ethane .....	12	—	—	—	—	12	—	—	12
Propane .....	245	167	102	2	3	519	36	80	1,410
Normal Butane .....	1,045	1,523	386	7	19	2,980	139	880	5,188
Isobutane .....	381	233	404	2	10	1,030	99	434	2,109
Natural Gasoline .....	167	38	240	—	18	463	23	3	786
Refinery Olefins .....	455	162	454	1	0	1,072	122	25	1,827
Ethylene .....	0	—	—	—	—	0	—	—	0
Propylene .....	415	54	147	1	0	617	2	11	1,092
Normal Butylene .....	40	107	283	0	0	430	120	14	688
Isobutylene .....	0	1	24	0	0	25	0	0	47
Oxygenates/Renewable Fuels/Other Hydrocarbons .....	47	70	133	77	3	330	114	478	1,288
Oxygenates (excluding Fuel Ethanol) .....	—	—	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE) .....	—	—	—	—	—	—	—	—	—
All Other Oxygenates <sup>1</sup> .....	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	47	70	133	77	3	330	114	478	1,272
Fuel Ethanol .....	36	48	86	39	2	211	107	166	791
Renewable Diesel Fuel <sup>2</sup> .....	11	22	47	38	1	119	7	312	481
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Other Hydrocarbons .....	—	—	—	—	—	—	—	—	16
Unfinished Oils .....	2,433	23,054	17,107	1,008	570	44,172	3,442	16,677	81,344
Naphthas and Lighter .....	1,316	6,279	2,296	246	179	10,316	908	3,084	18,590
Kerosene and Light Gas Oils .....	287	3,550	2,688	250	164	6,939	597	3,079	13,241
Heavy Gas Oils .....	490	10,893	8,548	454	227	20,612	1,465	8,281	37,100
Residuum .....	340	2,332	3,575	58	—	6,305	472	2,233	12,413
Motor Gasoline Blending Components (MGBC) .....	2,519	13,142	11,143	326	197	27,327	3,508	12,621	58,491
Reformulated - RBOB .....	58	1,019	572	—	—	1,649	—	4,118	7,474
Conventional .....	2,461	12,123	10,571	326	197	25,678	3,508	8,503	51,017
CBOB .....	1,435	3,638	5,070	245	11	10,399	2,200	2,350	20,289
GTAB .....	—	—	—	—	—	—	—	—	—
Other .....	1,026	8,485	5,501	81	186	15,279	1,308	6,153	30,728
Aviation Gasoline Blending Components .....	15	—	15	—	—	30	—	—	30
Finished Motor Gasoline .....	80	1,931	1,601	10	—	3,622	867	841	6,612
Reformulated .....	—	—	—	—	—	—	—	16	16
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	16	16
Reformulated Other .....	—	—	—	—	—	—	—	—	—
Conventional .....	80	1,931	1,601	10	—	3,622	867	825	6,596
Conventional Blended with Fuel Ethanol .....	—	—	—	—	—	—	57	—	57
Ed55 and Lower .....	—	—	—	—	—	—	57	—	57
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—
Conventional Other .....	80	1,931	1,601	10	—	3,622	810	825	6,539
Finished Aviation Gasoline .....	22	89	108	—	—	219	9	156	472
Kerosene-Type Jet Fuel .....	416	3,158	1,825	59	—	5,458	321	3,114	11,179
Kerosene .....	23	—	87	3	—	113	1	2	268
Distillate Fuel Oil .....	944	7,686	6,475	474	122	15,701	1,653	4,509	28,928
15 ppm sulfur and under .....	920	6,709	5,168	317	122	13,236	1,472	3,980	24,831
Greater than 15 ppm to 500 ppm sulfur .....	24	100	460	33	—	617	140	194	1,085
Greater than 500 ppm sulfur .....	—	877	847	124	—	1,848	41	335	3,012
Residual Fuel Oil .....	152	1,911	876	19	89	3,047	216	2,198	6,847
Less than 0.31 percent sulfur .....	27	—	57	—	—	84	21	18	185
0.31 to 1.00 percent sulfur .....	43	275	317	19	—	654	5	181	1,140
Greater than 1.00 percent sulfur .....	82	1,636	502	—	89	2,309	190	1,999	5,522
Petrochemical Feedstocks .....	107	1,457	888	3	—	2,455	—	2	2,963
Naphtha for Petro. Feed. Use .....	27	994	869	3	—	1,893	—	2	2,312
Other Oils for Petro. Feed. Use .....	80	463	19	—	—	562	—	—	651
Special Naphthas .....	81	529	—	78	—	688	—	32	829
Lubricants .....	41	1,502	1,495	498	—	3,536	—	402	4,687
Waxes .....	—	58	123	67	—	248	—	—	509
Petroleum Coke .....	21	1,839	1,080	—	—	2,940	215	936	5,969
Marketable .....	21	1,839	1,080	—	—	2,940	215	936	5,969
Catalyst .....	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil .....	512	265	686	1,004	97	2,564	712	749	9,194
Miscellaneous Products .....	12	242	95	1	20	370	13	90	591
<b>Total Stocks, All Oils</b> .....	<b>11,952</b>	<b>88,836</b>	<b>61,049</b>	<b>4,903</b>	<b>1,471</b>	<b>168,211</b>	<b>14,140</b>	<b>64,823</b>	<b>324,060</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, April 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 .....	5.2	2.7	5.0	6.1	2.5	2.5	4.8
Finished Motor Gasoline <sup>1</sup> .....	53.3	39.1	52.2	51.4	51.1	50.9	51.3
Finished Aviation Gasoline <sup>2</sup> .....	-	-	-	-	0.2	-	0.0
Kerosene-Type Jet Fuel .....	6.7	-	6.2	8.3	4.5	2.9	6.6
Kerosene .....	-0.2	-	-0.2	0.1	-	0.0	0.1
Distillate Fuel Oil <sup>3</sup> .....	25.5	20.9	25.1	24.7	28.4	37.1	28.0
Residual Fuel Oil .....	6.2	0.2	5.8	1.0	1.3	0.5	0.9
Naphtha for Petro. Feed. Use .....	-	-	-	0.9	-	-	0.6
Other Oils for Petro. Feed. Use .....	-	-	-	0.5	-	0.0	0.3
Special Naphthas .....	-	1.0	0.1	0.0	-	0.1	0.0
Lubricants .....	0.5	9.3	1.2	-	-	1.1	0.2
Waxes .....	-	-1.6	-0.1	-	-	0.2	0.0
Petroleum Coke .....	3.5	0.6	3.2	3.9	5.4	3.3	4.0
Asphalt and Road Oil .....	1.0	22.0	2.7	4.9	9.1	1.3	4.7
Still Gas .....	4.4	2.6	4.2	3.4	3.7	3.8	3.5
Miscellaneous Products .....	0.3	2.4	0.4	0.3	0.6	0.2	0.3
Processing Gain(-) or Loss(+) <sup>4</sup> .....	-6.3	0.9	-5.8	-5.5	-6.8	-3.8	-5.3

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 .....	3.9	6.5	5.9	0.3	1.6	5.9	2.5	2.9	5.1
Finished Motor Gasoline <sup>1</sup> .....	51.9	43.1	44.5	21.6	51.6	44.0	48.1	51.9	47.3
Finished Aviation Gasoline <sup>2</sup> .....	0.3	0.1	0.1	-	-	0.1	0.0	0.0	0.1
Kerosene-Type Jet Fuel .....	7.0	7.6	8.5	3.6	-	7.7	5.3	14.2	8.2
Kerosene .....	0.0	-	0.0	0.1	-	0.0	-	0.0	0.0
Distillate Fuel Oil <sup>3</sup> .....	31.0	32.1	32.4	31.6	40.4	32.2	32.3	22.2	29.5
Residual Fuel Oil .....	1.5	0.0	0.8	-0.1	1.3	0.4	1.9	3.2	1.2
Naphtha for Petro. Feed. Use .....	0.6	2.9	1.7	-	-	2.1	-	-	1.3
Other Oils for Petro. Feed. Use .....	0.0	1.2	0.9	-	-	0.9	-	-	0.6
Special Naphthas .....	0.4	0.6	-	3.5	-	0.4	-	0.1	0.2
Lubricants .....	0.1	1.4	1.4	13.9	-	1.5	-	0.9	1.1
Waxes .....	-	0.0	0.1	0.3	-	0.1	-	-	0.0
Petroleum Coke .....	1.8	5.6	5.2	2.3	0.8	5.0	4.1	5.9	4.8
Asphalt and Road Oil .....	1.3	0.5	0.6	21.0	2.7	1.1	6.1	1.2	2.2
Still Gas .....	4.2	4.5	3.8	4.1	2.2	4.2	3.5	5.1	4.1
Miscellaneous Products .....	0.7	0.7	0.4	0.0	2.0	0.6	0.5	0.6	0.5
Processing Gain(-) or Loss(+) <sup>4</sup> .....	-4.7	-6.6	-6.2	-2.4	-2.2	-6.2	-4.3	-8.1	-6.2

- = 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, April 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> .....	—	2	1,152	1,154
Connecticut .....	—	—	—	—
Delaware .....	—	—	—	—
Florida .....	—	—	—	—
Georgia .....	—	—	—	—
Maine .....	—	—	—	—
Maryland .....	—	—	—	—
Massachusetts .....	—	—	—	—
New Hampshire .....	—	—	—	—
New Jersey .....	—	2	464	466
New York .....	—	—	688	688
North Carolina .....	—	—	—	—
Pennsylvania .....	—	—	—	—
Rhode Island .....	—	—	—	—
South Carolina .....	—	—	—	—
Vermont .....	—	—	—	—
Virginia .....	—	—	—	—
West Virginia .....	—	—	—	—
<b>PAD District 2</b> .....	—	21	51	72
Illinois .....	—	—	—	—
Indiana .....	—	—	—	—
Michigan .....	—	—	51	51
Minnesota .....	—	15	—	15
North Dakota .....	—	6	—	6
Ohio .....	—	—	—	—
Wisconsin .....	—	—	—	—
<b>PAD District 3</b> .....	465	225	2,507	3,197
Alabama .....	—	—	—	—
Louisiana .....	175	225	413	813
Mississippi .....	—	—	271	271
New Mexico .....	—	—	—	—
Texas .....	290	—	1,823	2,113
<b>PAD District 4</b> .....	—	—	—	—
Idaho .....	—	—	—	—
Montana .....	—	—	—	—
<b>PAD District 5</b> .....	—	123	132	255
Alaska .....	—	—	—	—
California .....	—	—	99	99
Hawaii .....	—	—	—	—
Oregon .....	—	—	—	—
Washington .....	—	123	33	156
<b>U.S. Total</b> .....	465	371	3,842	4,678

— = 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, April 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>18,799</b>	<b>70,183</b>	<b>42,594</b>	<b>8,658</b>	<b>34,330</b>	<b>174,564</b>	<b>5,819</b>
<b>Hydrocarbon Gas Liquids</b> .....	<b>1,170</b>	<b>2,262</b>	<b>—</b>	<b>204</b>	<b>1,423</b>	<b>5,059</b>	<b>169</b>
Natural Gas Liquids .....	906	2,055	—	204	1,423	4,588	153
Ethane .....	—	—	—	—	—	—	—
Propane .....	766	1,582	—	167	1,069	3,584	119
Normal Butane .....	57	207	—	35	354	653	22
Isobutane .....	83	262	—	2	—	347	12
Natural Gasoline .....	—	4	—	—	—	4	0
Refinery Olefins .....	264	207	—	—	—	471	16
Ethylene .....	—	—	—	—	—	—	—
Propylene .....	264	156	—	—	—	420	14
Normal Butylene .....	—	51	—	—	—	51	2
Isobutylene .....	—	—	—	—	—	—	—
<b>Other Liquids</b> .....	<b>21,221</b>	<b>425</b>	<b>17,706</b>	<b>76</b>	<b>4,296</b>	<b>43,724</b>	<b>1,457</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons .....	252	111	104	45	1,001	1,513	50
Hydrogen .....	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol) .....	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE) .....	—	—	—	—	—	—	—
Other Oxygenates <sup>3</sup> .....	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	252	111	104	45	1,001	1,513	50
Fuel Ethanol .....	—	—	—	—	—	—	—
Biodiesel .....	252	111	54	45	38	500	17
Other Renewable Diesel Fuel .....	—	—	50	—	963	1,013	34
Other Renewable Fuels .....	—	—	—	—	—	—	—
Other Hydrocarbons .....	—	—	—	—	—	—	—
Unfinished Oils <sup>1</sup> .....	1,329	—	12,768	—	2,543	16,640	555
Naphthas and Lighter .....	425	—	—	—	—	425	14
Kerosene and Lighter Gas Oils .....	—	—	34	—	—	34	1
Heavy Gas Oils .....	904	—	4,989	—	2,543	8,436	281
Residuum .....	—	—	7,745	—	—	7,745	258
Motor Gasoline Blend Comp. (MGBC) .....	19,640	314	4,834	31	752	25,571	852
Reformulated - RBOB .....	6,516	—	—	—	—	6,516	217
Conventional .....	13,124	314	4,834	31	752	19,055	635
CBOB .....	1,093	—	—	—	—	1,093	36
GTAB .....	3,769	—	454	—	93	4,316	144
Other .....	8,262	314	4,380	31	659	13,646	455
Aviation Gasoline Blend Comp. .....	—	—	—	—	—	—	—
<b>Finished Petroleum Products</b> .....	<b>12,552</b>	<b>1,389</b>	<b>5,973</b>	<b>232</b>	<b>4,513</b>	<b>24,659</b>	<b>822</b>
Finished Motor Gasoline .....	3,845	—	629	—	765	5,239	175
Reformulated .....	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—
Reformulated Other .....	—	—	—	—	—	—	—
Conventional .....	3,845	—	629	—	765	5,239	175
Conventional Blended with Fuel Ethanol .....	—	—	—	—	—	—	—
Ed55 and Lower .....	—	—	—	—	—	—	—
Greater than Ed55 .....	—	—	—	—	—	—	—
Conventional Other .....	3,845	—	629	—	765	5,239	175
Finished Aviation Gasoline .....	1	4	48	21	2	76	3
Kerosene-Type Jet Fuel .....	1,499	—	—	14	2,725	4,238	141
Bonded Aircraft Fuel .....	119	—	—	—	349	468	16
Other .....	1,380	—	—	14	2,376	3,770	126
Kerosene .....	—	—	—	—	—	—	—
Distillate Fuel Oil .....	5,176	95	—	133	531	5,935	198
15 ppm sulfur and under .....	5,176	94	—	133	216	5,619	187
Bonded .....	—	—	—	—	—	—	—
Other .....	5,176	94	—	133	216	5,619	187
Greater than 15 ppm to 500 ppm sulfur .....	—	—	—	—	315	315	11
Bonded .....	—	—	—	—	—	—	—
Other .....	—	—	—	—	315	315	11
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 .....	1,154	72	3,197	—	255	4,678	156
Less than 0.31 percent sulfur .....	—	—	465	—	—	465	16
0.31 to 1.00 percent sulfur .....	2	21	225	—	123	371	12
Greater than 1.00 percent sulfur .....	1,152	51	2,507	—	132	3,842	128
Petrochemical Feedstocks .....	8	146	210	—	44	408	14
Naphtha for Petro. Feed. Use .....	7	73	184	—	44	308	10
Other Oils for Petro. Feed. Use .....	1	73	26	—	—	100	3
Special Naphthas .....	2	10	426	—	—	438	15
Lubricants .....	109	212	1,095	—	44	1,460	49
Waxes .....	119	25	99	—	19	262	9
Petroleum Coke (Marketable) .....	—	34	269	—	—	303	10
Asphalt and Road Oil .....	639	791	—	63	128	1,621	54
Miscellaneous Products .....	—	—	—	1	—	1	0
<b>Total</b> .....	<b>53,742</b>	<b>74,259</b>	<b>66,273</b>	<b>9,170</b>	<b>44,562</b>	<b>248,006</b>	<b>8,267</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-April 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>62,440</b>	<b>306,147</b>	<b>164,263</b>	<b>35,002</b>	<b>121,895</b>	<b>689,747</b>	<b>5,748</b>
<b>Hydrocarbon Gas Liquids</b>	<b>6,534</b>	<b>11,011</b>	<b>32</b>	<b>2,059</b>	<b>6,405</b>	<b>26,041</b>	<b>217</b>
Natural Gas Liquids	5,391	10,040	—	2,059	6,405	23,895	199
Ethane	—	—	—	—	—	—	—
Propane	4,891	7,468	—	1,655	4,467	18,481	154
Normal Butane	342	1,938	—	357	1,938	4,575	38
Isobutane	158	612	—	47	—	817	7
Natural Gasoline	—	22	—	—	—	22	0
Refinery Olefins	1,143	971	32	—	—	2,146	18
Ethylene	—	—	—	—	—	—	—
Propylene	1,143	721	—	—	—	1,864	16
Normal Butylene	—	230	32	—	—	262	2
Isobutylene	—	20	—	—	—	20	0
<b>Other Liquids</b>	<b>73,439</b>	<b>1,492</b>	<b>58,022</b>	<b>394</b>	<b>11,984</b>	<b>145,331</b>	<b>1,211</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	648	255	133	185	3,578	4,799	40
Hydrogen	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
Other Oxygenates <sup>3</sup>	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	648	255	104	185	3,578	4,770	40
Fuel Ethanol	—	—	—	—	—	—	—
Biodiesel	648	255	54	185	210	1,352	11
Other Renewable Diesel Fuel	—	—	50	—	3,368	3,418	28
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	29	—	—	29	0
Unfinished Oils <sup>1</sup>	7,291	—	47,906	25	4,983	60,205	502
Naphthas and Lighter	1,922	—	104	—	346	2,372	20
Kerosene and Lighter Gas Oils	—	—	38	25	122	185	2
Heavy Gas Oils	5,369	—	17,190	—	4,515	27,074	226
Residuum	—	—	30,574	—	—	30,574	255
Motor Gasoline Blend.Comp. (MGBC)	65,500	1,237	9,983	184	3,423	80,327	669
Reformulated - RBOB	23,199	—	—	—	—	23,199	193
Conventional	42,301	1,237	9,983	184	3,423	57,128	476
CBOB	2,765	—	—	—	271	3,036	25
GTAB	12,813	153	617	—	157	13,740	115
Other	26,723	1,084	9,366	184	2,995	40,352	336
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
<b>Finished Petroleum Products</b>	<b>59,057</b>	<b>5,337</b>	<b>20,429</b>	<b>992</b>	<b>17,525</b>	<b>103,340</b>	<b>861</b>
Finished Motor Gasoline	8,877	—	1,191	—	1,826	11,894	99
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	8,877	—	1,191	—	1,826	11,894	99
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	8,877	—	1,191	—	1,826	11,894	99
Finished Aviation Gasoline	17	15	102	27	8	169	1
Kerosene-Type Jet Fuel	4,234	—	—	64	9,839	14,137	118
Bonded Aircraft Fuel	119	—	—	—	1,158	1,277	11
Other	4,115	—	—	64	8,681	12,860	107
Kerosene	—	—	—	—	—	—	—
Distillate Fuel Oil	37,029	697	775	701	2,378	41,580	347
15 ppm sulfur and under	37,029	691	375	701	1,750	40,546	338
Bonded	—	—	—	—	—	—	—
Other	37,029	691	375	701	1,750	40,546	338
Greater than 15 ppm to 500 ppm sulfur	—	3	—	—	628	631	5
Bonded	—	—	—	—	—	—	—
Other	—	3	—	—	628	631	5
Greater than 500 ppm to 2000 ppm sulfur	—	3	400	—	—	403	3
Bonded	—	—	—	—	—	—	—
Other	—	3	400	—	—	403	3
Greater than 2000 ppm	—	—	—	—	—	—	—
Bonded	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—
Residual Fuel Oil	5,263	875	11,018	—	2,780	19,936	166
Less than 0.31 percent sulfur	200	—	1,356	—	—	1,556	13
0.31 to 1.00 percent sulfur	1,899	167	560	—	1,592	4,218	35
Greater than 1.00 percent sulfur	3,164	708	9,102	—	1,188	14,162	118
Petrochemical Feedstocks	339	569	1,139	—	88	2,135	18
Naphtha for Petro. Feed. Use	329	305	994	—	88	1,716	14
Other Oils for Petro. Feed. Use	10	264	145	—	—	419	3
Special Naphthas	12	31	1,118	—	—	1,161	10
Lubricants	521	846	3,737	—	114	5,218	43
Waxes	424	72	218	—	118	832	7
Petroleum Coke (Marketable)	7	129	1,033	—	—	1,169	10
Asphalt and Road Oil	2,334	2,103	98	196	374	5,105	43
Miscellaneous Products	—	—	—	4	—	4	0
<b>Total</b>	<b>201,470</b>	<b>323,987</b>	<b>242,746</b>	<b>38,447</b>	<b>157,809</b>	<b>964,459</b>	<b>8,037</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, April 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>25,448</b>	<b>54</b>	<b>-</b>	<b>1,093</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>164</b>	<b>164</b>
Algeria	2,039	-	-	-	-	-	-	-	-	-
Angola	629	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	54	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	5,244	-	-	-	-	-	-	-	-	-
Kuwait	1,849	-	-	-	-	-	-	-	-	-
Libya	3,645	-	-	48	-	-	-	-	-	-
Nigeria	3,301	-	-	-	-	-	-	-	29	29
Saudi Arabia	8,741	-	-	1,045	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	135	135
Venezuela	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b>	<b>149,116</b>	<b>4,534</b>	<b>471</b>	<b>15,547</b>	<b>-</b>	<b>5,239</b>	<b>5,239</b>	<b>6,516</b>	<b>18,891</b>	<b>25,407</b>
Argentina	505	-	-	-	-	-	-	-	359	359
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	171	165	1,397	1,562
Brazil	-	-	-	-	-	364	364	-	1,941	1,941
Brunei	496	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	104,156	4,534	471	36	-	548	548	2,787	1,167	3,954
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	6,568	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	64	64	35	68	103
Ecuador	7,153	-	-	251	-	-	-	-	-	-
Egypt	-	-	-	547	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	57	57	-	1,333	1,333
France	-	-	-	-	-	159	159	530	427	957
Germany	-	-	-	11	-	14	14	-	78	78
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	209	209	-	1,827	1,827
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	133	-	256	256	17	1,028	1,045
Korea, South	-	-	-	83	-	120	120	-	884	884
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	5	5
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	17,833	-	-	1,280	-	-	-	-	-	-
Netherlands	-	-	-	77	-	1,628	1,628	1,725	2,041	3,766
Norway	1,391	-	-	-	-	41	41	91	148	239
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	542	785	1,327
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	5,467	-	-	12,576	-	342	342	116	1,536	1,652
Spain	-	-	-	-	-	256	256	30	838	868
Sweden	-	-	-	27	-	22	22	20	370	390
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	1,091	-	-	-	-	-	-	-	-	-
United Kingdom	1,106	-	-	-	-	91	91	428	357	785
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	38	-	80	80	-	50	50
Yemen	-	-	-	-	-	-	-	-	-	-
Other	3,350	0	0	488	-	817	817	30	2,252	2,282
<b>Total</b>	<b>174,564</b>	<b>4,588</b>	<b>471</b>	<b>16,640</b>	<b>-</b>	<b>5,239</b>	<b>5,239</b>	<b>6,516</b>	<b>19,055</b>	<b>25,571</b>
<b>Persian Gulf<sup>3</sup></b>	<b>15,834</b>	<b>-</b>	<b>-</b>	<b>1,045</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>135</b>	<b>135</b>

See footnotes at end of table.

**Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, April 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>	--	--	-	-	-	-	381	-	-	-	381
Algeria	--	--	-	-	-	-	-	-	-	-	-
Angola	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	--	--	-	-	-	-	-	-	-	-	-
Equatorial Guinea	--	--	-	-	-	-	-	-	-	-	-
Gabon	--	--	-	-	-	-	-	-	-	-	-
Iran	--	--	-	-	-	-	-	-	-	-	-
Iraq	--	--	-	-	-	-	-	-	-	-	-
Kuwait	--	--	-	-	-	-	-	-	-	-	-
Libya	--	--	-	-	-	-	-	-	-	-	-
Nigeria	--	--	-	-	-	-	238	-	-	-	238
Saudi Arabia	--	--	-	-	-	-	39	-	-	-	39
United Arab Emirates	--	--	-	-	-	-	104	-	-	-	104
Venezuela	--	--	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b>	--	--	-	500	1,013	-	5,238	315	1	-	5,554
Argentina	--	--	-	-	-	-	-	-	-	-	-
Aruba	--	--	-	-	-	-	-	-	-	-	-
Australia	--	--	-	-	-	-	-	-	-	-	-
Bahamas	--	--	-	-	-	-	-	-	-	-	-
Bahrain	--	--	-	-	-	-	-	-	-	-	-
Belgium	--	--	-	-	-	-	-	-	-	-	-
Brazil	--	--	-	-	-	-	-	-	-	-	-
Brunei	--	--	-	-	-	-	-	-	-	-	-
Cameroon	--	--	-	-	-	-	-	-	-	-	-
Canada	--	--	-	233	-	-	4,011	-	1	-	4,012
Chad	--	--	-	-	-	-	-	-	-	-	-
China	--	--	-	-	-	-	-	-	-	-	-
Colombia	--	--	-	-	-	-	-	-	-	-	-
Denmark	--	--	-	-	-	-	-	-	-	-	-
Ecuador	--	--	-	-	-	-	-	-	-	-	-
Egypt	--	--	-	-	-	-	-	-	-	-	-
Estonia	--	--	-	-	-	-	-	-	-	-	-
Finland	--	--	-	-	-	-	-	-	-	-	-
France	--	--	-	-	-	-	-	-	-	-	-
Germany	--	--	-	213	-	-	-	-	-	-	-
Guatemala	--	--	-	-	-	-	-	-	-	-	-
India	--	--	-	-	-	-	584	-	-	-	584
Indonesia	--	--	-	-	-	-	73	-	-	-	73
Italy	--	--	-	-	-	-	-	-	-	-	-
Korea, South	--	--	-	-	-	-	15	315	-	-	330
Latvia	--	--	-	-	-	-	-	-	-	-	-
Lithuania	--	--	-	-	-	-	-	-	-	-	-
Malaysia	--	--	-	-	-	-	-	-	-	-	-
Mexico	--	--	-	-	-	-	-	-	-	-	-
Netherlands	--	--	-	-	-	-	-	-	-	-	-
Norway	--	--	-	-	-	-	-	-	-	-	-
Oman	--	--	-	-	-	-	57	-	-	-	57
Portugal	--	--	-	-	-	-	-	-	-	-	-
Qatar	--	--	-	-	-	-	410	-	-	-	410
Russia	--	--	-	-	-	-	88	-	-	-	88
Spain	--	--	-	54	-	-	-	-	-	-	-
Sweden	--	--	-	-	-	-	-	-	-	-	-
Syria	--	--	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	--	--	-	-	-	-	-	-	-	-	-
United Kingdom	--	--	-	-	-	-	-	-	-	-	-
Vietnam	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	--	--	-	-	-	-	-	-	-	-	-
Yemen	--	--	-	-	-	-	-	-	-	-	-
Other	--	--	-	0	1,013	-	0	0	0	-	0
<b>Total</b>	--	--	-	500	1,013	-	5,619	315	1	-	5,935
<b>Persian Gulf<sup>3</sup></b>	--	--	-	-	-	-	553	-	-	-	553

See footnotes at end of table.

**Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, April 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> .....	-	-	-	882	42	-	-	-	-
Algeria .....	-	-	-	15	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	135	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	42	-	-	-	-
United Arab Emirates .....	-	-	-	732	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	76	-	3,356	396	465	371	3,842	4,678
Argentina .....	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-
Canada .....	-	28	-	196	95	290	144	408	842
Chad .....	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	121	121
Denmark .....	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	120	120
Egypt .....	-	-	-	-	-	-	-	24	24
Estonia .....	-	48	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-
India .....	-	-	-	157	-	-	-	532	532
Indonesia .....	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	2,805	181	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	1,953	1,953
Netherlands .....	-	-	-	-	-	-	2	-	2
Norway .....	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	478	478
Spain .....	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	198	-	175	225	-	400
Yemen .....	-	-	-	-	-	-	-	-	-
Other .....	-	0	-	0	120	0	0	206	206
<b>Total</b> .....	-	76	-	4,238	438	465	371	3,842	4,678
<b>Persian Gulf<sup>6</sup></b> .....	-	-	-	867	42	-	-	-	-

See footnotes at end of table.

**Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, April 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>	—	—	—	—	—	195	—	2,811	28,259	848	94	942	
Algeria	—	—	—	—	—	—	—	15	2,054	68	1	68	
Angola	—	—	—	—	—	—	—	—	629	21	—	21	
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—	
Equatorial Guinea	—	—	—	—	—	—	—	54	54	—	2	2	
Gabon	—	—	—	—	—	—	—	—	—	—	—	—	
Iran	—	—	—	—	—	—	—	—	—	—	—	—	
Iraq	—	—	—	—	—	—	—	—	5,244	175	—	175	
Kuwait	—	—	—	—	—	—	—	135	1,984	62	5	66	
Libya	—	—	—	—	—	—	—	48	3,693	122	2	123	
Nigeria	—	—	—	—	—	—	—	267	3,568	110	9	119	
Saudi Arabia	—	—	—	—	—	—	—	57	1,183	9,924	291	39	331
United Arab Emirates	—	—	—	—	—	—	—	138	1,109	—	37	37	
Venezuela	—	—	—	—	—	—	—	—	—	—	—	—	
<b>Non-OPEC</b>	308	100	262	303	1,621	1,265	1	70,631	219,747	4,971	2,354	7,325	
Argentina	—	—	—	261	—	2	—	622	1,127	17	21	38	
Aruba	—	—	—	—	—	—	—	—	—	—	—	—	
Australia	—	—	—	—	—	—	—	—	—	—	—	—	
Bahamas	—	—	—	—	—	—	—	—	—	—	—	—	
Bahrain	—	—	—	—	—	85	—	85	85	—	3	3	
Belgium	—	—	—	—	—	2	—	1,735	1,735	—	58	58	
Brazil	—	—	—	—	—	—	—	2,305	2,305	—	77	77	
Brunei	—	—	—	—	—	—	—	—	496	17	—	17	
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—	
Canada	77	74	92	34	1,621	320	1	17,168	121,324	3,472	572	4,044	
Chad	—	—	—	—	—	—	—	—	—	—	—	—	
China	—	—	47	—	—	—	—	—	—	—	2	2	
Colombia	—	—	—	—	—	—	—	121	6,689	219	4	223	
Denmark	—	—	—	—	—	—	—	167	167	—	6	6	
Ecuador	—	—	—	—	—	—	—	371	7,524	238	12	251	
Egypt	—	—	—	—	—	—	—	571	571	—	19	19	
Estonia	—	—	—	—	—	—	—	48	48	—	2	2	
Finland	—	—	—	—	—	—	—	1,390	1,390	—	46	46	
France	—	26	—	—	—	45	—	1,187	1,187	—	40	40	
Germany	—	—	—	—	—	6	—	322	322	—	11	11	
Guatemala	—	—	—	—	—	—	—	—	—	—	—	—	
India	—	—	—	—	—	—	—	3,309	3,309	—	110	110	
Indonesia	—	—	—	—	—	109	—	182	182	—	6	6	
Italy	—	—	—	—	—	10	—	1,444	1,444	—	48	48	
Korea, South	—	—	1	—	—	120	—	4,524	4,524	—	151	151	
Latvia	—	—	—	—	—	—	—	—	—	—	—	—	
Lithuania	—	—	—	—	—	—	—	5	5	—	0	0	
Malaysia	—	—	20	—	—	—	—	20	20	—	1	1	
Mexico	175	—	—	—	—	—	—	3,408	21,241	594	114	708	
Netherlands	—	—	—	—	—	193	—	5,666	5,666	—	189	189	
Norway	—	—	—	—	—	—	—	280	1,671	46	9	56	
Oman	—	—	—	—	—	—	—	57	57	—	2	2	
Portugal	—	—	—	—	—	—	—	1,327	1,327	—	44	44	
Qatar	—	—	—	—	—	335	—	745	745	—	25	25	
Russia	—	—	—	—	—	38	—	15,174	20,641	182	506	688	
Spain	—	—	1	—	—	—	—	1,179	1,179	—	39	39	
Sweden	—	—	—	—	—	—	—	439	439	—	15	15	
Syria	—	—	—	—	—	—	—	—	—	—	—	—	
Trinidad and Tobago	—	—	—	—	—	—	—	—	1,091	36	—	36	
United Kingdom	12	—	28	8	—	—	—	924	2,030	37	31	68	
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—	
Virgin Islands, U.S.	—	—	—	—	—	—	—	766	766	—	26	26	
Yemen	—	—	—	—	—	—	—	—	—	—	—	—	
Other	44	0	73	0	0	0	0	5,043	8,393	113	165	276	
<b>Total</b>	<b>308</b>	<b>100</b>	<b>262</b>	<b>303</b>	<b>1,621</b>	<b>1,460</b>	<b>1</b>	<b>73,442</b>	<b>248,006</b>	<b>5,819</b>	<b>2,448</b>	<b>8,267</b>	
<b>Persian Gulf<sup>6</sup></b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>615</b>	<b>—</b>	<b>3,257</b>	<b>19,091</b>	<b>528</b>	<b>109</b>	<b>636</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-April 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>79,856</b>	<b>165</b>	<b>-</b>	<b>1,743</b>	<b>-</b>	<b>153</b>	<b>153</b>	<b>-</b>	<b>2,599</b>	<b>2,599</b>
Algeria	5,112	-	-	-	-	-	-	-	326	326
Angola	3,565	-	-	-	-	-	-	-	647	647
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	165	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	6	6
Iran	1,033	-	-	-	-	-	-	-	-	-
Iraq	15,584	-	-	528	-	-	-	-	-	-
Kuwait	2,498	-	-	-	-	-	-	-	-	-
Libya	8,708	-	-	69	-	-	-	-	-	-
Nigeria	11,399	-	-	101	-	-	-	-	1,027	1,027
Saudi Arabia	31,957	-	-	1,045	-	153	153	-	226	226
United Arab Emirates	-	-	-	-	-	-	-	-	367	367
Venezuela	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b>	<b>609,891</b>	<b>23,730</b>	<b>2,146</b>	<b>58,462</b>	<b>-</b>	<b>11,741</b>	<b>11,741</b>	<b>23,199</b>	<b>54,529</b>	<b>77,728</b>
Argentina	2,014	55	-	12	-	-	-	-	396	396
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	124	-	277	277	555	2,547	3,102
Brazil	6,740	-	-	-	-	364	364	-	2,626	2,626
Brunei	1,995	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	443,121	23,420	2,114	575	-	2,525	2,525	13,509	5,242	18,751
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	22,478	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	64	64	89	68	157
Ecuador	19,336	-	-	859	-	-	-	-	-	-
Egypt	-	-	-	3,523	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	104	-	164	164	-	4,202	4,202
France	-	-	-	-	-	159	159	1,523	1,788	3,311
Germany	-	-	-	11	-	48	48	-	159	159
Guatemala	282	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	372	372	-	5,587	5,587
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	355	-	767	767	17	3,150	3,167
Korea, South	-	2	-	83	-	582	582	-	2,017	2,017
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	263	263	-	24	24
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	67,300	-	32	4,940	-	-	-	-	-	-
Netherlands	-	-	-	230	-	2,395	2,395	4,020	5,339	9,359
Norway	5,008	253	-	707	-	141	141	561	365	926
Oman	-	-	-	-	-	-	-	-	33	33
Portugal	-	-	-	-	-	133	133	820	3,048	3,868
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	16,271	-	-	44,268	-	1,612	1,612	116	5,755	5,871
Spain	-	-	-	-	-	312	312	31	2,730	2,761
Sweden	-	-	-	28	-	165	165	27	1,675	1,702
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	4,710	-	-	-	-	-	-	-	-	-
United Kingdom	4,932	-	-	-	-	213	213	1,900	1,965	3,865
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	1,470	-	80	80	-	858	858
Yemen	-	-	-	-	-	-	-	-	-	-
Other	15,704	0	0	1,173	-	1,105	1,105	31	4,955	4,986
<b>Total</b>	<b>689,747</b>	<b>23,895</b>	<b>2,146</b>	<b>60,205</b>	<b>-</b>	<b>11,894</b>	<b>11,894</b>	<b>23,199</b>	<b>57,128</b>	<b>80,327</b>
<b>Persian Gulf<sup>3</sup></b>	<b>51,072</b>	<b>-</b>	<b>-</b>	<b>1,573</b>	<b>-</b>	<b>153</b>	<b>153</b>	<b>-</b>	<b>593</b>	<b>593</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-April 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>	--	--	-	-	-	-	4,627	-	-	-	4,627
Algeria	--	--	-	-	-	-	-	-	-	-	-
Angola	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	--	--	-	-	-	-	-	-	-	-	-
Equatorial Guinea	--	--	-	-	-	-	-	-	-	-	-
Gabon	--	--	-	-	-	-	24	-	-	-	24
Iran	--	--	-	-	-	-	-	-	-	-	-
Iraq	--	--	-	-	-	-	-	-	-	-	-
Kuwait	--	--	-	-	-	-	-	-	-	-	-
Libya	--	--	-	-	-	-	-	-	-	-	-
Nigeria	--	--	-	-	-	-	1,514	-	-	-	1,514
Saudi Arabia	--	--	-	-	-	-	2,115	-	-	-	2,115
United Arab Emirates	--	--	-	-	-	-	974	-	-	-	974
Venezuela	--	--	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b>	--	--	-	1,352	3,418	-	35,919	631	403	-	36,953
Argentina	--	--	-	-	-	-	-	-	-	-	-
Aruba	--	--	-	-	-	-	-	-	-	-	-
Australia	--	--	-	-	-	-	-	-	-	-	-
Bahamas	--	--	-	-	-	-	-	-	-	-	-
Bahrain	--	--	-	-	-	-	308	-	-	-	308
Belgium	--	--	-	-	-	-	787	-	-	-	787
Brazil	--	--	-	-	-	-	41	-	-	-	41
Brunei	--	--	-	-	-	-	-	-	-	-	-
Cameroon	--	--	-	-	-	-	-	-	-	-	-
Canada	--	--	-	900	-	-	17,972	3	3	-	17,978
Chad	--	--	-	-	-	-	-	-	-	-	-
China	--	--	-	-	-	-	-	-	-	-	-
Colombia	--	--	-	-	-	-	2,653	-	-	-	2,653
Denmark	--	--	-	-	-	-	-	-	-	-	-
Ecuador	--	--	-	-	-	-	-	-	-	-	-
Egypt	--	--	-	-	-	-	-	-	-	-	-
Estonia	--	--	-	-	-	-	-	-	-	-	-
Finland	--	--	-	-	-	-	-	-	-	-	-
France	--	--	-	-	-	-	-	-	-	-	-
Germany	--	--	-	283	-	-	-	-	-	-	-
Guatemala	--	--	-	-	-	-	-	-	-	-	-
India	--	--	-	-	-	-	3,464	-	-	-	3,464
Indonesia	--	--	-	-	-	-	136	-	-	-	136
Italy	--	--	-	-	-	-	-	-	-	-	-
Korea, South	--	--	-	115	-	-	513	628	-	-	1,141
Latvia	--	--	-	-	-	-	-	-	-	-	-
Lithuania	--	--	-	-	-	-	-	-	-	-	-
Malaysia	--	--	-	-	-	-	-	-	-	-	-
Mexico	--	--	-	-	-	-	71	-	-	-	71
Netherlands	--	--	-	-	-	-	3,520	-	-	-	3,520
Norway	--	--	-	-	-	-	-	-	-	-	-
Oman	--	--	-	-	-	-	1,575	-	-	-	1,575
Portugal	--	--	-	-	-	-	-	-	-	-	-
Qatar	--	--	-	-	-	-	1,175	-	-	-	1,175
Russia	--	--	-	-	-	-	3,229	-	-	-	3,229
Spain	--	--	-	54	-	-	-	-	-	-	-
Sweden	--	--	-	-	-	-	97	-	-	-	97
Syria	--	--	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	--	--	-	-	-	-	-	-	-	-	-
United Kingdom	--	--	-	-	-	-	-	-	-	-	-
Vietnam	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	--	--	-	-	-	-	378	-	400	-	778
Yemen	--	--	-	-	-	-	-	-	-	-	-
Other	--	--	-	0	3,418	-	0	0	0	-	0
<b>Total</b>	--	--	-	1,352	3,418	-	40,546	631	403	-	41,580
<b>Persian Gulf<sup>3</sup></b>	--	--	-	-	-	-	4,572	-	-	-	4,572

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-April 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> .....	-	-	-	1,784	78	-	74	-	74
Algeria .....	-	-	-	742	-	-	37	-	37
Angola .....	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	37	-	37
Iran .....	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	135	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	78	-	-	-	-
United Arab Emirates .....	-	-	-	907	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	169	-	12,353	1,083	1,556	4,144	14,162	19,862
Argentina .....	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	101	366	467
Bahrain .....	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	67	-	151	110	261
Brunei .....	-	-	-	313	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-
Canada .....	-	54	-	1,199	208	582	841	861	2,284
Chad .....	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	124	-	-	-	447	447
Denmark .....	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	569	569
Egypt .....	-	-	-	-	-	-	-	559	559
Estonia .....	-	48	-	-	-	-	147	-	147
Finland .....	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-
India .....	-	-	-	672	89	-	-	532	532
Indonesia .....	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	524	-	-	-	-	-
Korea, South .....	-	-	-	8,786	517	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	72	6,247	6,319
Netherlands .....	-	67	-	-	-	-	207	38	245
Norway .....	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	599	1,398	2,854	4,851
Spain .....	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	426	-	375	923	21	1,319
Yemen .....	-	-	-	-	-	-	-	-	-
Other .....	-	0	-	309	202	0	304	1,558	1,862
<b>Total</b> .....	-	169	-	14,137	1,161	1,556	4,218	14,162	19,936
<b>Persian Gulf<sup>3</sup></b> .....	-	-	-	1,042	78	-	-	-	-

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-April 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>605</b>	<b>--</b>	<b>12,035</b>	<b>91,891</b>	<b>665</b>	<b>100</b>	<b>766</b>
Algeria	--	--	--	--	--	--	--	1,105	6,217	43	9	52
Angola	--	--	--	--	--	--	--	647	4,212	30	5	35
Congo (Brazzaville)	--	--	--	--	--	--	--	--	--	--	--	--
Equatorial Guinea	--	--	--	--	--	--	--	165	165	--	1	1
Gabon	--	--	--	--	--	--	--	67	67	--	1	1
Iran	--	--	--	--	--	--	--	--	1,033	9	--	9
Iraq	--	--	--	--	--	--	--	528	16,112	130	4	134
Kuwait	--	--	--	157	--	--	--	292	2,790	21	2	23
Libya	--	--	--	--	--	--	--	69	8,777	73	1	73
Nigeria	50	--	--	--	--	--	--	2,692	14,091	95	22	117
Saudi Arabia	--	--	--	--	--	93	--	3,710	35,667	266	31	297
United Arab Emirates	--	--	--	--	--	512	--	2,760	2,760	--	23	23
Venezuela	--	--	--	--	--	--	--	--	--	--	--	--
<b>Non-OPEC</b>	<b>1,666</b>	<b>419</b>	<b>832</b>	<b>1,012</b>	<b>5,105</b>	<b>4,613</b>	<b>4</b>	<b>262,677</b>	<b>872,568</b>	<b>5,082</b>	<b>2,189</b>	<b>7,271</b>
Argentina	--	72	--	448	--	13	--	996	3,010	17	8	25
Aruba	--	--	--	--	--	--	--	--	--	--	--	--
Australia	--	--	--	--	--	--	--	--	--	--	--	--
Bahamas	--	--	--	--	--	--	--	467	467	--	4	4
Bahrain	--	--	--	--	--	277	--	585	585	--	5	5
Belgium	73	--	--	--	--	51	--	4,414	4,414	--	37	37
Brazil	--	--	--	131	--	--	--	3,490	10,230	56	29	85
Brunei	--	--	--	--	--	--	--	313	2,308	17	3	19
Cameroon	--	--	--	--	--	--	--	--	--	--	--	--
Canada	319	274	336	129	4,846	1,279	4	77,195	520,316	3,693	643	4,336
Chad	--	--	--	--	--	--	--	--	--	--	--	--
China	--	--	152	--	--	--	--	152	152	--	1	1
Colombia	--	--	--	--	128	--	--	3,352	25,830	187	28	215
Denmark	--	--	--	--	--	--	--	221	221	--	2	2
Ecuador	--	--	--	--	--	--	--	1,428	20,764	161	12	173
Egypt	--	--	--	--	--	--	--	4,082	4,082	--	34	34
Estonia	--	--	--	--	--	--	--	195	195	--	2	2
Finland	--	--	--	--	--	--	--	4,470	4,470	--	37	37
France	11	73	13	--	--	68	--	3,635	3,635	--	30	30
Germany	--	--	--	--	--	33	--	534	534	--	4	4
Guatemala	--	--	--	--	--	--	--	--	282	2	--	2
India	--	--	--	--	--	--	--	10,716	10,716	--	89	89
Indonesia	--	--	--	--	--	305	--	441	441	--	4	4
Italy	--	--	10	--	41	63	--	4,927	4,927	--	41	41
Korea, South	86	--	3	--	--	861	--	14,193	14,193	--	118	118
Latvia	--	--	--	--	--	--	--	--	--	--	--	--
Lithuania	--	--	--	--	--	--	--	287	287	--	2	2
Malaysia	--	--	71	--	--	1	--	72	72	--	1	1
Mexico	529	--	--	--	--	--	--	11,891	79,191	561	99	660
Netherlands	--	--	--	--	--	252	--	16,088	16,088	--	134	134
Norway	--	--	--	--	--	--	--	2,027	7,035	42	17	59
Oman	--	--	--	114	--	49	--	1,771	1,771	--	15	15
Portugal	--	--	--	--	--	--	--	4,001	4,001	--	33	33
Qatar	--	--	--	--	--	1,316	--	2,491	2,491	--	21	21
Russia	74	--	--	158	--	40	--	60,103	76,374	136	501	636
Spain	--	--	6	--	90	--	--	3,223	3,223	--	27	27
Sweden	--	--	--	7	--	2	--	2,001	2,001	--	17	17
Syria	--	--	--	--	--	--	--	--	--	--	--	--
Trinidad and Tobago	--	--	--	--	--	--	--	--	4,710	39	--	39
United Kingdom	40	--	65	8	--	--	--	4,191	9,123	41	35	76
Vietnam	--	--	--	--	--	--	--	--	--	--	--	--
Virgin Islands, U.S.	177	--	--	--	--	--	--	5,108	5,108	--	43	43
Yemen	--	--	--	--	--	--	--	--	--	--	--	--
Other	357	0	176	17	0	3	0	13,617	29,321	130	113	245
<b>Total</b>	<b>1,716</b>	<b>419</b>	<b>832</b>	<b>1,169</b>	<b>5,105</b>	<b>5,218</b>	<b>4</b>	<b>274,712</b>	<b>964,459</b>	<b>5,748</b>	<b>2,289</b>	<b>8,037</b>
<b>Persian Gulf<sup>3</sup></b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>157</b>	<b>--</b>	<b>2,198</b>	<b>--</b>	<b>10,366</b>	<b>61,438</b>	<b>426</b>	<b>86</b>	<b>512</b>

-- = Not Applicable.  
 - = No Data Reported.  
 1 Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.  
 2 Includes crude oil imported for storage in the Strategic Petroleum Reserve.  
 3 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, April 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>7,022</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>29</b>	<b>29</b>
Algeria	2,039	-	-	-	-	-	-	-	-	-
Angola	629	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	899	-	-	-	-	-	-	-	-	-
Nigeria	2,351	-	-	-	-	-	-	-	29	29
Saudi Arabia	1,104	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b>	<b>11,777</b>	<b>906</b>	<b>264</b>	<b>1,329</b>	<b>-</b>	<b>3,845</b>	<b>3,845</b>	<b>6,516</b>	<b>13,095</b>	<b>19,611</b>
Argentina	-	-	-	-	-	-	-	-	328	328
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	25	25	165	1,359	1,524
Brazil	-	-	-	-	-	364	364	-	1,305	1,305
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,931	906	264	-	-	274	274	2,787	802	3,589
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	497	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	64	64	35	68	103
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	57	57	-	1,229	1,229
France	-	-	-	-	-	159	159	530	427	957
Germany	-	-	-	-	-	9	9	-	10	10
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	109	109	-	1,084	1,084
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	17	1,028	1,045
Korea, South	-	-	-	-	-	-	-	-	249	249
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	5	5
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	1,998	-	-	330	-	-	-	-	-	-
Netherlands	-	-	-	-	-	1,563	1,563	1,725	1,842	3,567
Norway	1,391	-	-	-	-	41	41	91	148	239
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	542	669	1,211
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	2,111	-	-	999	-	342	342	116	1,439	1,555
Spain	-	-	-	-	-	256	256	30	248	278
Sweden	-	-	-	-	-	-	-	20	59	79
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	503	-	-	-	-	26	26	428	2	430
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	80	80	-	50	50
Yemen	-	-	-	-	-	-	-	-	-	-
Other	1,346	0	0	0	-	476	476	30	744	774
<b>Total</b>	<b>18,799</b>	<b>906</b>	<b>264</b>	<b>1,329</b>	<b>-</b>	<b>3,845</b>	<b>3,845</b>	<b>6,516</b>	<b>13,124</b>	<b>19,640</b>
<b>Persian Gulf<sup>3</sup></b>	<b>1,104</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, April 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>	--	--	-	-	-	-	381	-	-	-	381
Algeria	--	--	-	-	-	-	-	-	-	-	-
Angola	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	--	--	-	-	-	-	-	-	-	-	-
Equatorial Guinea	--	--	-	-	-	-	-	-	-	-	-
Gabon	--	--	-	-	-	-	-	-	-	-	-
Iran	--	--	-	-	-	-	-	-	-	-	-
Iraq	--	--	-	-	-	-	-	-	-	-	-
Kuwait	--	--	-	-	-	-	-	-	-	-	-
Libya	--	--	-	-	-	-	-	-	-	-	-
Nigeria	--	--	-	-	-	-	238	-	-	-	238
Saudi Arabia	--	--	-	-	-	-	39	-	-	-	39
United Arab Emirates	--	--	-	-	-	-	104	-	-	-	104
Venezuela	--	--	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b>	--	--	-	252	-	-	4,795	-	-	-	4,795
Argentina	--	--	-	-	-	-	-	-	-	-	-
Aruba	--	--	-	-	-	-	-	-	-	-	-
Australia	--	--	-	-	-	-	-	-	-	-	-
Bahamas	--	--	-	-	-	-	-	-	-	-	-
Bahrain	--	--	-	-	-	-	-	-	-	-	-
Belgium	--	--	-	-	-	-	-	-	-	-	-
Brazil	--	--	-	-	-	-	-	-	-	-	-
Brunei	--	--	-	-	-	-	-	-	-	-	-
Cameroon	--	--	-	-	-	-	-	-	-	-	-
Canada	--	--	-	39	-	-	3,583	-	-	-	3,583
Chad	--	--	-	-	-	-	-	-	-	-	-
China	--	--	-	-	-	-	-	-	-	-	-
Colombia	--	--	-	-	-	-	-	-	-	-	-
Denmark	--	--	-	-	-	-	-	-	-	-	-
Ecuador	--	--	-	-	-	-	-	-	-	-	-
Egypt	--	--	-	-	-	-	-	-	-	-	-
Estonia	--	--	-	-	-	-	-	-	-	-	-
Finland	--	--	-	-	-	-	-	-	-	-	-
France	--	--	-	-	-	-	-	-	-	-	-
Germany	--	--	-	213	-	-	-	-	-	-	-
Guatemala	--	--	-	-	-	-	-	-	-	-	-
India	--	--	-	-	-	-	584	-	-	-	584
Indonesia	--	--	-	-	-	-	73	-	-	-	73
Italy	--	--	-	-	-	-	-	-	-	-	-
Korea, South	--	--	-	-	-	-	-	-	-	-	-
Latvia	--	--	-	-	-	-	-	-	-	-	-
Lithuania	--	--	-	-	-	-	-	-	-	-	-
Malaysia	--	--	-	-	-	-	-	-	-	-	-
Mexico	--	--	-	-	-	-	-	-	-	-	-
Netherlands	--	--	-	-	-	-	-	-	-	-	-
Norway	--	--	-	-	-	-	-	-	-	-	-
Oman	--	--	-	-	-	-	57	-	-	-	57
Portugal	--	--	-	-	-	-	-	-	-	-	-
Qatar	--	--	-	-	-	-	410	-	-	-	410
Russia	--	--	-	-	-	-	88	-	-	-	88
Spain	--	--	-	-	-	-	-	-	-	-	-
Sweden	--	--	-	-	-	-	-	-	-	-	-
Syria	--	--	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	--	--	-	-	-	-	-	-	-	-	-
United Kingdom	--	--	-	-	-	-	-	-	-	-	-
Vietnam	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	--	--	-	-	-	-	-	-	-	-	-
Yemen	--	--	-	-	-	-	-	-	-	-	-
Other	--	--	-	0	-	-	0	-	-	-	0
<b>Total</b>	--	--	-	252	-	-	5,176	-	-	-	5,176
<b>Persian Gulf<sup>3</sup></b>	--	--	-	-	-	-	553	-	-	-	553

See footnotes at end of table.

**Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 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> .....	-	-	-	882	-	-	-	-	-
Algeria .....	-	-	-	15	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	135	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	732	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	1	-	617	2	-	2	1,152	1,154
Argentina .....	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-
Canada .....	-	1	-	136	2	-	-	324	324
Chad .....	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	121	121
Denmark .....	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	21	21
Egypt .....	-	-	-	-	-	-	-	24	24
Estonia .....	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-
India .....	-	-	-	157	-	-	-	532	532
Indonesia .....	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	126	-	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	113	113
Netherlands .....	-	-	-	-	-	-	2	-	2
Norway .....	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	17	17
Spain .....	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	198	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-
Other .....	-	0	-	0	0	-	0	0	0
<b>Total</b> .....	-	1	-	1,499	2	-	2	1,152	1,154
<b>Persian Gulf<sup>6</sup></b> .....	-	-	-	867	-	-	-	-	-

See footnotes at end of table.

**Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 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> .....	—	—	—	—	—	—	—	1,292	8,314	234	43	277
Algeria .....	—	—	—	—	—	—	—	15	2,054	68	1	68
Angola .....	—	—	—	—	—	—	—	—	629	21	—	21
Congo (Brazzaville) .....	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea .....	—	—	—	—	—	—	—	—	—	—	—	—
Gabon .....	—	—	—	—	—	—	—	—	—	—	—	—
Iran .....	—	—	—	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	—	—	—	—
Kuwait .....	—	—	—	—	—	—	—	135	135	—	5	5
Libya .....	—	—	—	—	—	—	—	—	899	30	—	30
Nigeria .....	—	—	—	—	—	—	—	267	2,618	78	9	87
Saudi Arabia .....	—	—	—	—	—	—	—	39	1,143	37	1	38
United Arab Emirates .....	—	—	—	—	—	—	—	836	836	—	28	28
Venezuela .....	—	—	—	—	—	—	—	—	—	—	—	—
<b>Non-OPEC</b> .....	7	1	119	—	639	109	—	33,651	45,428	393	1,122	1,514
Argentina .....	—	—	—	—	—	—	—	328	328	—	11	11
Aruba .....	—	—	—	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain .....	—	—	—	—	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	—	—	1	—	1,550	1,550	—	52	52
Brazil .....	—	—	—	—	—	—	—	1,669	1,669	—	56	56
Brunei .....	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	—	—	—	—	—
Canada .....	4	1	67	—	639	92	—	9,921	13,852	131	331	462
Chad .....	—	—	—	—	—	—	—	—	—	—	—	—
China .....	—	—	47	—	—	—	—	47	47	—	2	2
Colombia .....	—	—	—	—	—	—	—	121	618	17	4	21
Denmark .....	—	—	—	—	—	—	—	167	167	—	6	6
Ecuador .....	—	—	—	—	—	—	—	21	21	—	1	1
Egypt .....	—	—	—	—	—	—	—	24	24	—	1	1
Estonia .....	—	—	—	—	—	—	—	—	—	—	—	—
Finland .....	—	—	—	—	—	—	—	1,286	1,286	—	43	43
France .....	—	—	—	—	—	8	—	1,124	1,124	—	37	37
Germany .....	—	—	—	—	—	3	—	235	235	—	8	8
Guatemala .....	—	—	—	—	—	—	—	—	—	—	—	—
India .....	—	—	—	—	—	—	—	2,466	2,466	—	82	82
Indonesia .....	—	—	—	—	—	—	—	73	73	—	2	2
Italy .....	—	—	—	—	—	1	—	1,046	1,046	—	35	35
Korea, South .....	—	—	1	—	—	—	—	376	376	—	13	13
Latvia .....	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	5	5	—	0	0
Malaysia .....	—	—	2	—	—	—	—	2	2	—	0	0
Mexico .....	—	—	—	—	—	—	—	443	2,441	67	15	81
Netherlands .....	—	—	—	—	—	2	—	5,134	5,134	—	171	171
Norway .....	—	—	—	—	—	—	—	280	1,671	46	9	56
Oman .....	—	—	—	—	—	—	—	57	57	—	2	2
Portugal .....	—	—	—	—	—	—	—	1,211	1,211	—	40	40
Qatar .....	—	—	—	—	—	—	—	410	410	—	14	14
Russia .....	—	—	—	—	—	2	—	3,003	5,114	70	100	170
Spain .....	—	—	1	—	—	—	—	535	535	—	18	18
Sweden .....	—	—	—	—	—	—	—	79	79	—	3	3
Syria .....	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	—	—	—	—	—	—
United Kingdom .....	3	—	—	—	—	—	—	459	962	17	15	32
Vietnam .....	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. ....	—	—	—	—	—	—	—	328	328	—	11	11
Yemen .....	—	—	—	—	—	—	—	—	—	—	—	—
Other .....	0	0	1	—	0	0	—	1,251	2,597	45	40	84
<b>Total</b> .....	7	1	119	—	639	109	—	34,943	53,742	627	1,165	1,791
<b>Persian Gulf<sup>6</sup></b> .....	—	—	—	—	—	—	—	1,420	2,524	37	47	84

-- = 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, April 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>70,183</b>	<b>2,055</b>	<b>207</b>	-	-	-	-	-	<b>314</b>	<b>314</b>
Argentina .....	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-
Canada .....	70,183	2,055	207	-	-	-	-	-	314	314
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> .....	<b>70,183</b>	<b>2,055</b>	<b>207</b>	-	-	-	-	-	<b>314</b>	<b>314</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, April 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>	--	--	-	111	-	-	94	-	1	-	95
Argentina	--	--	-	-	-	-	-	-	-	-	-
Aruba	--	--	-	-	-	-	-	-	-	-	-
Australia	--	--	-	-	-	-	-	-	-	-	-
Bahamas	--	--	-	-	-	-	-	-	-	-	-
Bahrain	--	--	-	-	-	-	-	-	-	-	-
Belgium	--	--	-	-	-	-	-	-	-	-	-
Brazil	--	--	-	-	-	-	-	-	-	-	-
Brunei	--	--	-	-	-	-	-	-	-	-	-
Cameroon	--	--	-	-	-	-	-	-	-	-	-
Canada	--	--	-	111	-	-	94	-	1	-	95
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
<b>Total</b>	--	--	-	111	-	-	94	-	1	-	95
<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, April 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> .....	-	4	-	-	10	-	21	51	72
Argentina .....	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-
Canada .....	-	4	-	-	10	-	21	51	72
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> .....	-	4	-	-	10	-	21	51	72
<b>Persian Gulf<sup>6</sup></b> .....	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 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> .....	73	73	25	34	791	212	-	4,076	74,259	2,339	136	2,475
Argentina .....	-	-	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-	-	-
Canada .....	73	73	25	34	791	212	-	4,076	74,259	2,339	136	2,475
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	0	-	0	0	0	0	0
<b>Total</b> .....	73	73	25	34	791	212	-	4,076	74,259	2,339	136	2,475
<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, April 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>6,116</b>	-	-	<b>1,093</b>	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	846	-	-	-	-	-	-	-	-	-
Kuwait	1,244	-	-	-	-	-	-	-	-	-
Libya	-	-	-	48	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	4,026	-	-	1,045	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b>	<b>36,478</b>	-	-	<b>11,675</b>	-	<b>629</b>	<b>629</b>	-	<b>4,834</b>	<b>4,834</b>
Argentina	-	-	-	-	-	-	-	-	31	31
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	38	38
Brazil	-	-	-	-	-	-	-	-	636	636
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	13,686	-	-	36	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	4,421	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	547	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	104	104
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	11	-	-	-	-	68	68
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	587	587
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	133	-	245	245	-	-	-
Korea, South	-	-	-	83	-	-	-	-	307	307
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	15,046	-	-	325	-	-	-	-	-	-
Netherlands	-	-	-	77	-	-	-	-	106	106
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	116	116
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	1,631	-	-	10,023	-	-	-	-	97	97
Spain	-	-	-	-	-	-	-	-	590	590
Sweden	-	-	-	27	-	-	-	-	311	311
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	1,091	-	-	-	-	-	-	-	-	-
United Kingdom	603	-	-	-	-	65	65	-	355	355
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	38	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	-	-	375	-	319	319	-	1,488	1,488
<b>Total</b>	<b>42,594</b>	-	-	<b>12,768</b>	-	<b>629</b>	<b>629</b>	-	<b>4,834</b>	<b>4,834</b>
<b>Persian Gulf<sup>3</sup></b>	<b>6,116</b>	-	-	<b>1,045</b>	-	-	-	-	-	-

See footnotes at end of table.

**Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 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>	--	--	-	54	50	-	-	-	-	-	-
Argentina	--	--	-	-	-	-	-	-	-	-	-
Aruba	--	--	-	-	-	-	-	-	-	-	-
Australia	--	--	-	-	-	-	-	-	-	-	-
Bahamas	--	--	-	-	-	-	-	-	-	-	-
Bahrain	--	--	-	-	-	-	-	-	-	-	-
Belgium	--	--	-	-	-	-	-	-	-	-	-
Brazil	--	--	-	-	-	-	-	-	-	-	-
Brunei	--	--	-	-	-	-	-	-	-	-	-
Cameroon	--	--	-	-	-	-	-	-	-	-	-
Canada	--	--	-	-	-	-	-	-	-	-	-
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	--	--	-	54	-	-	-	-	-	-	-
Sweden	--	--	-	-	-	-	-	-	-	-	-
Syria	--	--	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	--	--	-	-	-	-	-	-	-	-	-
United Kingdom	--	--	-	-	-	-	-	-	-	-	-
Vietnam	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	--	--	-	-	-	-	-	-	-	-	-
Yemen	--	--	-	-	-	-	-	-	-	-	-
Other	--	--	-	0	50	-	-	-	-	-	-
<b>Total</b>	--	--	-	54	50	-	-	-	-	-	-
<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, April 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> .....	-	-	-	-	42	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	42	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	48	-	-	384	465	225	2,507	3,197
Argentina .....	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-
Canada .....	-	-	-	-	83	290	-	-	290
Chad .....	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-
Estonia .....	-	48	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	181	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	1,840	1,840
Netherlands .....	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	461	461
Spain .....	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	175	225	-	400
Yemen .....	-	-	-	-	-	-	-	-	-
Other .....	-	0	-	-	120	0	0	206	206
<b>Total</b> .....	-	48	-	-	426	465	225	2,507	3,197
<b>Persian Gulf<sup>6</sup></b> .....	-	-	-	-	42	-	-	-	-

See footnotes at end of table.

**Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 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> .....	--	--	--	--	--	195	--	1,330	7,446	204	44	248
Algeria .....	--	--	--	--	--	--	--	--	--	--	--	--
Angola .....	--	--	--	--	--	--	--	--	--	--	--	--
Congo (Brazzaville) .....	--	--	--	--	--	--	--	--	--	--	--	--
Equatorial Guinea .....	--	--	--	--	--	--	--	--	--	--	--	--
Gabon .....	--	--	--	--	--	--	--	--	--	--	--	--
Iran .....	--	--	--	--	--	--	--	--	--	--	--	--
Iraq .....	--	--	--	--	--	--	--	--	846	28	--	28
Kuwait .....	--	--	--	--	--	--	--	--	1,244	41	--	41
Libya .....	--	--	--	--	--	--	--	48	48	--	2	2
Nigeria .....	--	--	--	--	--	--	--	--	--	--	--	--
Saudi Arabia .....	--	--	--	--	--	57	--	1,144	5,170	134	38	172
United Arab Emirates .....	--	--	--	--	--	138	--	138	138	--	5	5
Venezuela .....	--	--	--	--	--	--	--	--	--	--	--	--
<b>Non-OPEC</b> .....	184	26	99	269	--	900	--	22,349	58,827	1,216	745	1,961
Argentina .....	--	--	--	261	--	2	--	294	294	--	10	10
Aruba .....	--	--	--	--	--	--	--	--	--	--	--	--
Australia .....	--	--	--	--	--	--	--	--	--	--	--	--
Bahamas .....	--	--	--	--	--	--	--	--	--	--	--	--
Bahrain .....	--	--	--	--	--	85	--	85	85	--	3	3
Belgium .....	--	--	--	--	--	1	--	39	39	--	1	1
Brazil .....	--	--	--	--	--	--	--	636	636	--	21	21
Brunei .....	--	--	--	--	--	--	--	--	--	--	--	--
Cameroon .....	--	--	--	--	--	--	--	--	--	--	--	--
Canada .....	--	--	--	--	--	7	--	416	14,102	456	14	470
Chad .....	--	--	--	--	--	--	--	--	--	--	--	--
China .....	--	--	--	--	--	--	--	--	--	--	--	--
Colombia .....	--	--	--	--	--	--	--	--	4,421	147	--	147
Denmark .....	--	--	--	--	--	--	--	--	--	--	--	--
Ecuador .....	--	--	--	--	--	--	--	--	--	--	--	--
Egypt .....	--	--	--	--	--	--	--	547	547	--	18	18
Estonia .....	--	--	--	--	--	--	--	48	48	--	2	2
Finland .....	--	--	--	--	--	--	--	104	104	--	3	3
France .....	--	26	--	--	--	37	--	63	63	--	2	2
Germany .....	--	--	--	--	--	3	--	82	82	--	3	3
Guatemala .....	--	--	--	--	--	--	--	--	--	--	--	--
India .....	--	--	--	--	--	--	--	587	587	--	20	20
Indonesia .....	--	--	--	--	--	109	--	109	109	--	4	4
Italy .....	--	--	--	--	--	9	--	387	387	--	13	13
Korea, South .....	--	--	--	--	--	120	--	691	691	--	23	23
Latvia .....	--	--	--	--	--	--	--	--	--	--	--	--
Lithuania .....	--	--	--	--	--	--	--	--	--	--	--	--
Malaysia .....	--	--	17	--	--	--	--	17	17	--	1	1
Mexico .....	175	--	--	--	--	--	--	2,340	17,386	502	78	580
Netherlands .....	--	--	--	--	--	191	--	374	374	--	12	12
Norway .....	--	--	--	--	--	--	--	--	--	--	--	--
Oman .....	--	--	--	--	--	--	--	--	--	--	--	--
Portugal .....	--	--	--	--	--	--	--	116	116	--	4	4
Qatar .....	--	--	--	--	--	300	--	300	300	--	10	10
Russia .....	--	--	--	--	--	36	--	10,617	12,248	54	354	408
Spain .....	--	--	--	--	--	--	--	644	644	--	21	21
Sweden .....	--	--	--	--	--	--	--	338	338	--	11	11
Syria .....	--	--	--	--	--	--	--	--	--	--	--	--
Trinidad and Tobago .....	--	--	--	--	--	--	--	--	1,091	36	--	36
United Kingdom .....	9	--	28	8	--	--	--	465	1,068	20	16	36
Vietnam .....	--	--	--	--	--	--	--	--	--	--	--	--
Virgin Islands, U.S. ....	--	--	--	--	--	--	--	438	438	--	15	15
Yemen .....	--	--	--	--	--	--	--	--	--	--	--	--
Other .....	0	0	54	0	--	0	--	2,612	2,612	1	86	87
<b>Total</b> .....	184	26	99	269	--	1,095	--	23,679	66,273	1,420	789	2,209
<b>Persian Gulf<sup>3</sup></b> .....	--	--	--	--	--	580	--	1,667	7,783	204	56	259

-- = 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, April 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>8,658</b>	<b>204</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>31</b>	<b>31</b>
Canada .....	8,658	204	-	-	-	-	-	-	31	31
Ecuador .....	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-
Other .....	0	0	-	-	-	-	-	-	0	0
<b>Total</b> .....	<b>8,658</b>	<b>204</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>31</b>	<b>31</b>
<b>PAD District 5</b>										
<b>OPEC</b> .....	<b>12,310</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>135</b>	<b>135</b>
Algeria .....	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	4,398	-	-	-	-	-	-	-	-	-
Kuwait .....	605	-	-	-	-	-	-	-	-	-
Libya .....	2,746	-	-	-	-	-	-	-	-	-
Nigeria .....	950	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	3,611	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	135	135
Venezuela .....	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	<b>22,020</b>	<b>1,369</b>	<b>-</b>	<b>2,543</b>	<b>-</b>	<b>765</b>	<b>765</b>	<b>-</b>	<b>617</b>	<b>617</b>
Argentina .....	505	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-	-
Brunei .....	496	-	-	-	-	-	-	-	-	-
Canada .....	7,698	1,369	-	-	-	274	274	-	20	20
China .....	-	-	-	-	-	-	-	-	-	-
Colombia .....	1,650	-	-	-	-	-	-	-	-	-
Ecuador .....	7,153	-	-	251	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	5	5	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-
Japan .....	-	-	-	-	-	-	-	-	20	20
Korea, South .....	-	-	-	-	-	120	120	-	328	328
Malaysia .....	-	-	-	-	-	-	-	-	-	-
Mexico .....	789	-	-	625	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	65	65	-	93	93
Oman .....	-	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	-	-	-	-	-	-	-	-	-	-
Peru .....	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-
Singapore .....	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	22	22	-	-	-
Taiwan .....	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	-	-	-
Other .....	3,729	0	-	1,667	-	279	279	-	156	156
<b>Total</b> .....	<b>34,330</b>	<b>1,423</b>	<b>-</b>	<b>2,543</b>	<b>-</b>	<b>765</b>	<b>765</b>	<b>-</b>	<b>752</b>	<b>752</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>8,614</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>135</b>	<b>135</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, April 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> .....	--	--	-	45	-	-	133	-	-	-	133
Canada .....	--	--	-	45	-	-	133	-	-	-	133
Ecuador .....	--	--	-	-	-	-	-	-	-	-	-
Qatar .....	--	--	-	-	-	-	-	-	-	-	-
Other .....	--	--	-	0	-	-	0	-	-	-	0
<b>Total</b> .....	--	--	-	45	-	-	133	-	-	-	133
<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> .....	--	--	-	38	963	-	216	315	-	-	531
Argentina .....	--	--	-	-	-	-	-	-	-	-	-
Aruba .....	--	--	-	-	-	-	-	-	-	-	-
Australia .....	--	--	-	-	-	-	-	-	-	-	-
Brazil .....	--	--	-	-	-	-	-	-	-	-	-
Brunei .....	--	--	-	-	-	-	-	-	-	-	-
Canada .....	--	--	-	38	-	-	201	-	-	-	201
China .....	--	--	-	-	-	-	-	-	-	-	-
Colombia .....	--	--	-	-	-	-	-	-	-	-	-
Ecuador .....	--	--	-	-	-	-	-	-	-	-	-
Finland .....	--	--	-	-	-	-	-	-	-	-	-
Germany .....	--	--	-	-	-	-	-	-	-	-	-
Indonesia .....	--	--	-	-	-	-	-	-	-	-	-
Japan .....	--	--	-	-	-	-	-	-	-	-	-
Korea, South .....	--	--	-	-	-	-	15	315	-	-	330
Malaysia .....	--	--	-	-	-	-	-	-	-	-	-
Mexico .....	--	--	-	-	-	-	-	-	-	-	-
Netherlands .....	--	--	-	-	-	-	-	-	-	-	-
Oman .....	--	--	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	--	--	-	-	-	-	-	-	-	-	-
Peru .....	--	--	-	-	-	-	-	-	-	-	-
Qatar .....	--	--	-	-	-	-	-	-	-	-	-
Singapore .....	--	--	-	-	-	-	-	-	-	-	-
Sweden .....	--	--	-	-	-	-	-	-	-	-	-
Taiwan .....	--	--	-	-	-	-	-	-	-	-	-
United Kingdom .....	--	--	-	-	-	-	-	-	-	-	-
Vietnam .....	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	--	--	-	-	-	-	-	-	-	-	-
Other .....	--	--	-	0	963	-	0	0	-	-	0
<b>Total</b> .....	--	--	-	38	963	-	216	315	-	-	531
<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, April 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> .....	-	21	-	14	-	-	-	-	-
Canada .....	-	21	-	14	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-
Other .....	-	0	-	0	-	-	-	-	-
<b>Total</b> .....	-	21	-	14	-	-	-	-	-
<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> .....	-	2	-	2,725	-	-	123	132	255
Argentina .....	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-
Canada .....	-	2	-	46	-	-	123	33	156
China .....	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	99	99
Finland .....	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-
Japan .....	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	2,679	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	-	-	-	-	-	-	-	-	-
Peru .....	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-
Singapore .....	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-
Taiwan .....	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	-	-
Other .....	-	0	-	0	-	-	0	0	0
<b>Total</b> .....	-	2	-	2,725	-	-	123	132	255
<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, April 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> .....	-	-	-	-	63	-	1	512	9,170	289	17	306
Canada .....	-	-	-	-	63	-	1	512	9,170	289	17	306
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-	-
Other .....	-	-	-	-	0	-	0	0	0	0	0	0
<b>Total</b> .....	-	-	-	-	63	-	1	512	9,170	289	17	306
<b>PAD District 5</b>												
<b>OPEC</b> .....	-	-	-	-	-	-	-	189	12,499	410	6	417
Algeria .....	-	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	4,398	147	-	147
Kuwait .....	-	-	-	-	-	-	-	-	605	20	-	20
Libya .....	-	-	-	-	-	-	-	-	2,746	92	-	92
Nigeria .....	-	-	-	-	-	-	-	-	950	32	-	32
Saudi Arabia .....	-	-	-	-	-	-	-	-	3,611	120	-	120
United Arab Emirates .....	-	-	-	-	-	-	-	135	135	-	5	5
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	44	-	19	-	128	44	-	10,043	32,063	734	335	1,069
Argentina .....	-	-	-	-	-	-	-	-	505	17	-	17
Aruba .....	-	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	496	17	-	17
Canada .....	-	-	-	-	128	9	-	2,243	9,941	257	75	331
China .....	-	-	-	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	1,650	55	-	55
Ecuador .....	-	-	-	-	-	-	-	350	7,503	238	12	250
Finland .....	-	-	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	5	5	-	0	0
Indonesia .....	-	-	-	-	-	-	-	-	-	-	-	-
Japan .....	-	-	-	-	-	-	-	20	20	-	1	1
Korea, South .....	-	-	-	-	-	-	-	3,457	3,457	-	115	115
Malaysia .....	-	-	1	-	-	-	-	1	1	-	0	0
Mexico .....	-	-	-	-	-	-	-	625	1,414	26	21	47
Netherlands .....	-	-	-	-	-	-	-	158	158	-	5	5
Oman .....	-	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	-	-	-	-	-	-	-	-	-	-	-	-
Peru .....	-	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	35	-	35	35	-	1	1
Singapore .....	-	-	-	-	-	-	-	963	963	-	32	32
Sweden .....	-	-	-	-	-	-	-	22	22	-	1	1
Taiwan .....	44	-	18	-	-	-	-	62	62	-	2	2
United Kingdom .....	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	-	-	-	-	-
Other .....	0	-	0	-	0	0	-	2,102	5,831	124	70	195
<b>Total</b> .....	44	-	19	-	128	44	-	10,232	44,562	1,144	341	1,485
<b>Persian Gulf<sup>3</sup></b> .....	-	-	-	-	-	35	-	170	8,784	287	6	293

-- = 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-April 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>18,693</b>	<b>-</b>	<b>-</b>	<b>101</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,760</b>	<b>1,760</b>
Algeria	5,112	-	-	-	-	-	-	-	326	326
Angola	1,586	-	-	-	-	-	-	-	322	322
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	6	6
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	1,506	-	-	-	-	-	-	-	-	-
Nigeria	6,143	-	-	101	-	-	-	-	1,027	1,027
Saudi Arabia	4,346	-	-	-	-	-	-	-	41	41
United Arab Emirates	-	-	-	-	-	-	-	-	38	38
Venezuela	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b>	<b>43,747</b>	<b>5,391</b>	<b>1,143</b>	<b>7,190</b>	<b>-</b>	<b>8,877</b>	<b>8,877</b>	<b>23,199</b>	<b>40,541</b>	<b>63,740</b>
Argentina	-	-	-	-	-	-	-	-	328	328
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	131	131	555	2,388	2,943
Brazil	-	-	-	-	-	364	364	-	1,892	1,892
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	18,914	5,138	1,143	-	-	1,910	1,910	13,509	3,747	17,256
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	855	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	64	64	89	68	157
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	358	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	163	163	-	3,249	3,249
France	-	-	-	-	-	159	159	1,523	1,788	3,311
Germany	-	-	-	-	-	43	43	-	12	12
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	272	272	-	3,529	3,529
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	180	-	235	235	17	2,598	2,615
Korea, South	-	-	-	-	-	-	-	-	1,019	1,019
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	263	263	-	24	24
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	6,925	-	-	982	-	-	-	-	-	-
Netherlands	-	-	-	-	-	2,330	2,330	4,020	4,974	8,994
Norway	5,008	253	-	380	-	141	141	561	365	926
Oman	-	-	-	-	-	-	-	-	33	33
Portugal	-	-	-	-	-	133	133	820	2,687	3,507
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	6,040	-	-	4,581	-	1,426	1,426	116	5,456	5,572
Spain	-	-	-	-	-	256	256	31	2,008	2,039
Sweden	-	-	-	-	-	143	143	27	1,042	1,069
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	1,069	-	-	-	-	148	148	1,900	992	2,892
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	709	-	80	80	-	642	642
Yemen	-	-	-	-	-	-	-	-	-	-
Other	4,936	0	0	0	-	616	616	31	1,694	1,725
<b>Total</b>	<b>62,440</b>	<b>5,391</b>	<b>1,143</b>	<b>7,291</b>	<b>-</b>	<b>8,877</b>	<b>8,877</b>	<b>23,199</b>	<b>42,301</b>	<b>65,500</b>
<b>Persian Gulf<sup>3</sup></b>	<b>4,346</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-April 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>	--	--	-	-	-	-	4,627	-	-	-	4,627
Algeria	--	--	-	-	-	-	-	-	-	-	-
Angola	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	--	--	-	-	-	-	-	-	-	-	-
Equatorial Guinea	--	--	-	-	-	-	-	-	-	-	-
Gabon	--	--	-	-	-	-	24	-	-	-	24
Iran	--	--	-	-	-	-	-	-	-	-	-
Iraq	--	--	-	-	-	-	-	-	-	-	-
Kuwait	--	--	-	-	-	-	-	-	-	-	-
Libya	--	--	-	-	-	-	-	-	-	-	-
Nigeria	--	--	-	-	-	-	1,514	-	-	-	1,514
Saudi Arabia	--	--	-	-	-	-	2,115	-	-	-	2,115
United Arab Emirates	--	--	-	-	-	-	974	-	-	-	974
Venezuela	--	--	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b>	--	--	-	648	-	-	32,402	-	-	-	32,402
Argentina	--	--	-	-	-	-	-	-	-	-	-
Aruba	--	--	-	-	-	-	-	-	-	-	-
Australia	--	--	-	-	-	-	-	-	-	-	-
Bahamas	--	--	-	-	-	-	-	-	-	-	-
Bahrain	--	--	-	-	-	-	308	-	-	-	308
Belgium	--	--	-	-	-	-	787	-	-	-	787
Brazil	--	--	-	-	-	-	-	-	-	-	-
Brunei	--	--	-	-	-	-	-	-	-	-	-
Cameroon	--	--	-	-	-	-	-	-	-	-	-
Canada	--	--	-	365	-	-	14,845	-	-	-	14,845
Chad	--	--	-	-	-	-	-	-	-	-	-
China	--	--	-	-	-	-	-	-	-	-	-
Colombia	--	--	-	-	-	-	2,390	-	-	-	2,390
Denmark	--	--	-	-	-	-	-	-	-	-	-
Ecuador	--	--	-	-	-	-	-	-	-	-	-
Egypt	--	--	-	-	-	-	-	-	-	-	-
Estonia	--	--	-	-	-	-	-	-	-	-	-
Finland	--	--	-	-	-	-	-	-	-	-	-
France	--	--	-	-	-	-	-	-	-	-	-
Germany	--	--	-	283	-	-	-	-	-	-	-
Guatemala	--	--	-	-	-	-	-	-	-	-	-
India	--	--	-	-	-	-	3,464	-	-	-	3,464
Indonesia	--	--	-	-	-	-	136	-	-	-	136
Italy	--	--	-	-	-	-	-	-	-	-	-
Korea, South	--	--	-	-	-	-	498	-	-	-	498
Latvia	--	--	-	-	-	-	-	-	-	-	-
Lithuania	--	--	-	-	-	-	-	-	-	-	-
Malaysia	--	--	-	-	-	-	-	-	-	-	-
Mexico	--	--	-	-	-	-	-	-	-	-	-
Netherlands	--	--	-	-	-	-	3,520	-	-	-	3,520
Norway	--	--	-	-	-	-	-	-	-	-	-
Oman	--	--	-	-	-	-	1,575	-	-	-	1,575
Portugal	--	--	-	-	-	-	-	-	-	-	-
Qatar	--	--	-	-	-	-	1,175	-	-	-	1,175
Russia	--	--	-	-	-	-	3,229	-	-	-	3,229
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>	--	--	-	648	-	-	37,029	-	-	-	37,029
<b>Persian Gulf<sup>3</sup></b>	--	--	-	-	-	-	4,572	-	-	-	4,572

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-April 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> .....	—	—	—	1,784	—	—	74	—	74
Algeria .....	—	—	—	742	—	—	37	—	37
Angola .....	—	—	—	—	—	—	—	—	—
Congo (Brazzaville) .....	—	—	—	—	—	—	—	—	—
Equatorial Guinea .....	—	—	—	—	—	—	—	—	—
Gabon .....	—	—	—	—	—	—	37	—	37
Iran .....	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	—
Kuwait .....	—	—	—	135	—	—	—	—	—
Libya .....	—	—	—	—	—	—	—	—	—
Nigeria .....	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	—	—	—	—	—	—
United Arab Emirates .....	—	—	—	907	—	—	—	—	—
Venezuela .....	—	—	—	—	—	—	—	—	—
<b>Non-OPEC</b> .....	—	17	—	2,450	12	200	1,825	3,164	5,189
Argentina .....	—	—	—	—	—	—	—	—	—
Aruba .....	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	—	101	287	388
Bahrain .....	—	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	—	—	—	—	—	—
Brazil .....	—	—	—	—	—	—	151	110	261
Brunei .....	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	—	—
Canada .....	—	4	—	1,013	12	—	216	369	585
Chad .....	—	—	—	—	—	—	—	—	—
China .....	—	—	—	—	—	—	—	—	—
Colombia .....	—	—	—	124	—	—	—	447	447
Denmark .....	—	—	—	—	—	—	—	—	—
Ecuador .....	—	—	—	—	—	—	—	21	21
Egypt .....	—	—	—	—	—	—	—	24	24
Estonia .....	—	—	—	—	—	—	147	—	147
Finland .....	—	—	—	—	—	—	—	—	—
France .....	—	—	—	—	—	—	—	—	—
Germany .....	—	—	—	—	—	—	—	—	—
Guatemala .....	—	—	—	—	—	—	—	—	—
India .....	—	—	—	157	—	—	—	532	532
Indonesia .....	—	—	—	—	—	—	—	—	—
Italy .....	—	—	—	524	—	—	—	—	—
Korea, South .....	—	—	—	206	—	—	—	—	—
Latvia .....	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	—	—	—	—	—	—	—
Mexico .....	—	—	—	—	—	—	72	966	1,038
Netherlands .....	—	13	—	—	—	—	207	38	245
Norway .....	—	—	—	—	—	—	—	—	—
Oman .....	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	—	—
Qatar .....	—	—	—	—	—	—	—	—	—
Russia .....	—	—	—	—	—	—	134	257	391
Spain .....	—	—	—	—	—	—	—	—	—
Sweden .....	—	—	—	—	—	—	—	—	—
Syria .....	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	—	—	—
United Kingdom .....	—	—	—	—	—	—	—	—	—
Vietnam .....	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. ....	—	—	—	426	—	200	698	21	919
Yemen .....	—	—	—	—	—	—	—	—	—
Other .....	—	0	—	0	0	0	62	92	154
<b>Total</b> .....	—	17	—	4,234	12	200	1,899	3,164	5,263
<b>Persian Gulf<sup>6</sup></b> .....	—	—	—	1,042	—	—	—	—	—

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-April 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>8,423</b>	<b>27,116</b>	<b>156</b>	<b>70</b>	<b>226</b>
Algeria	-	-	-	-	-	-	-	1,105	6,217	43	9	52
Angola	-	-	-	-	-	-	-	322	1,908	13	3	16
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	67	67	-	1	1
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	135	135	-	1	1
Libya	-	-	-	-	-	-	-	-	1,506	13	-	13
Nigeria	50	-	-	-	-	-	-	2,692	8,835	51	22	74
Saudi Arabia	-	-	-	-	-	-	-	2,156	6,502	36	18	54
United Arab Emirates	-	-	-	-	-	27	-	1,946	1,946	-	16	16
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b>	<b>279</b>	<b>10</b>	<b>424</b>	<b>7</b>	<b>2,334</b>	<b>494</b>	<b>-</b>	<b>130,607</b>	<b>174,354</b>	<b>365</b>	<b>1,088</b>	<b>1,453</b>
Argentina	-	-	-	-	-	-	-	328	328	-	3	3
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	388	388	-	3	3
Bahrain	-	-	-	-	-	-	-	308	308	-	3	3
Belgium	-	-	-	-	-	27	-	3,888	3,888	-	32	32
Brazil	-	-	-	-	-	-	-	2,517	2,517	-	21	21
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	14	10	264	-	2,075	375	-	45,009	63,923	158	375	533
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	110	-	-	-	-	110	110	-	1	1
Colombia	-	-	-	-	128	-	-	3,089	3,944	7	26	33
Denmark	-	-	-	-	-	-	-	221	221	-	2	2
Ecuador	-	-	-	-	-	-	-	21	21	-	0	0
Egypt	-	-	-	-	-	-	-	382	382	-	3	3
Estonia	-	-	-	-	-	-	-	147	147	-	1	1
Finland	-	-	-	-	-	-	-	3,412	3,412	-	28	28
France	11	-	-	-	-	23	-	3,504	3,504	-	29	29
Germany	-	-	-	-	-	22	-	360	360	-	3	3
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	7,954	7,954	-	66	66
Indonesia	-	-	-	-	-	-	-	136	136	-	1	1
Italy	-	-	-	-	41	7	-	3,602	3,602	-	30	30
Korea, South	-	-	3	-	-	29	-	1,755	1,755	-	15	15
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	287	287	-	2	2
Malaysia	-	-	2	-	-	1	-	3	3	-	0	0
Mexico	-	-	-	-	-	-	-	2,020	8,945	58	17	75
Netherlands	-	-	-	-	-	3	-	15,105	15,105	-	126	126
Norway	-	-	-	-	-	-	-	1,700	6,708	42	14	56
Oman	-	-	-	-	-	-	-	1,608	1,608	-	13	13
Portugal	-	-	-	-	-	-	-	3,640	3,640	-	30	30
Qatar	-	-	-	-	-	-	-	1,175	1,175	-	10	10
Russia	74	-	-	-	-	4	-	15,277	21,317	50	127	178
Spain	-	-	6	-	90	-	-	2,391	2,391	-	20	20
Sweden	-	-	-	7	-	1	-	1,317	1,317	-	11	11
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	3	-	-	-	-	-	-	3,043	4,112	9	25	34
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	177	-	-	-	-	-	-	3,331	3,331	-	28	28
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	0	0	39	0	0	2	-	2,512	7,448	41	22	62
<b>Total</b>	<b>329</b>	<b>10</b>	<b>424</b>	<b>7</b>	<b>2,334</b>	<b>521</b>	<b>-</b>	<b>139,030</b>	<b>201,470</b>	<b>520</b>	<b>1,159</b>	<b>1,679</b>
<b>Persian Gulf<sup>6</sup></b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>27</b>	<b>-</b>	<b>5,720</b>	<b>10,066</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-April 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>306,147</b>	<b>10,040</b>	<b>971</b>	-	-	-	-	-	<b>1,237</b>	<b>1,237</b>
Argentina .....	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-
Canada .....	305,943	10,038	971	-	-	-	-	-	1,084	1,084
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>306,147</b>	<b>10,040</b>	<b>971</b>	-	-	-	-	-	<b>1,237</b>	<b>1,237</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-April 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>	--	--	-	255	-	-	691	3	3	-	697
Argentina	--	--	-	-	-	-	-	-	-	-	-
Aruba	--	--	-	-	-	-	-	-	-	-	-
Australia	--	--	-	-	-	-	-	-	-	-	-
Bahamas	--	--	-	-	-	-	-	-	-	-	-
Bahrain	--	--	-	-	-	-	-	-	-	-	-
Belgium	--	--	-	-	-	-	-	-	-	-	-
Brazil	--	--	-	-	-	-	-	-	-	-	-
Brunei	--	--	-	-	-	-	-	-	-	-	-
Cameroon	--	--	-	-	-	-	-	-	-	-	-
Canada	--	--	-	255	-	-	691	3	3	-	697
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>	--	--	-	255	-	-	691	3	3	-	697
<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-April 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> .....	-	15	-	-	31	-	167	708	875
Argentina .....	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-
Canada .....	-	15	-	-	31	-	167	132	299
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> .....	-	15	-	-	31	-	167	708	875
<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-April 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>305</b>	<b>264</b>	<b>72</b>	<b>129</b>	<b>2,103</b>	<b>846</b>	<b>-</b>	<b>17,840</b>	<b>323,987</b>	<b>2,551</b>	<b>149</b>	<b>2,700</b>
Argentina .....	-	-	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-	-	-
Canada .....	305	264	72	129	2,103	845	-	17,108	323,051	2,550	143	2,692
Chad .....	-	-	-	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	153	153	-	1	1
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	-	5	5
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	-1	0	0
<b>Total</b> .....	<b>305</b>	<b>264</b>	<b>72</b>	<b>129</b>	<b>2,103</b>	<b>846</b>	<b>-</b>	<b>17,840</b>	<b>323,987</b>	<b>2,551</b>	<b>149</b>	<b>2,700</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</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-April 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>19,792</b>	-	-	<b>1,642</b>	-	-	-	-	<b>325</b>	<b>325</b>
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	325	325
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	1,033	-	-	-	-	-	-	-	-	-
Iraq	2,621	-	-	528	-	-	-	-	-	-
Kuwait	1,893	-	-	-	-	-	-	-	-	-
Libya	284	-	-	69	-	-	-	-	-	-
Nigeria	950	-	-	-	-	-	-	-	-	-
Saudi Arabia	13,011	-	-	1,045	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b>	<b>144,471</b>	-	<b>32</b>	<b>46,264</b>	-	<b>1,191</b>	<b>1,191</b>	-	<b>9,658</b>	<b>9,658</b>
Argentina	-	-	-	12	-	-	-	-	68	68
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	124	-	-	-	-	159	159
Brazil	3,966	-	-	-	-	-	-	-	734	734
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	53,570	-	-	383	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	14,445	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	400	-	-	367	-	-	-	-	-	-
Egypt	-	-	-	3,165	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	104	-	-	-	-	529	529
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	11	-	-	-	-	147	147
Guatemala	282	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	1,309	1,309
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	175	-	521	521	-	552	552
Korea, South	-	-	-	83	-	-	-	-	307	307
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	56,636	-	32	2,681	-	-	-	-	-	-
Netherlands	-	-	-	230	-	-	-	-	272	272
Norway	-	-	-	327	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	361	361
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	5,597	-	-	37,052	-	100	100	-	299	299
Spain	-	-	-	-	-	56	56	-	722	722
Sweden	-	-	-	28	-	-	-	-	633	633
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	4,710	-	-	-	-	-	-	-	-	-
United Kingdom	3,863	-	-	-	-	65	65	-	655	655
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	462	-	-	-	-	216	216
Yemen	-	-	-	-	-	-	-	-	-	-
Other	1,002	-	0	1,060	-	449	449	-	2,695	2,695
<b>Total</b>	<b>164,263</b>	-	<b>32</b>	<b>47,906</b>	-	<b>1,191</b>	<b>1,191</b>	-	<b>9,983</b>	<b>9,983</b>
<b>Persian Gulf<sup>3</sup></b>	<b>18,558</b>	-	-	<b>1,573</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-April 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> .....	--	--	-	54	50	-	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 .....	--	--	-	54	-	-	-	-	-	-	-
Sweden .....	--	--	-	-	-	-	-	-	-	-	-
Syria .....	--	--	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	--	--	-	-	-	-	-	-	-	-	-
United Kingdom .....	--	--	-	-	-	-	-	-	-	-	-
Vietnam .....	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	--	--	-	-	-	-	-	-	400	-	400
Yemen .....	--	--	-	-	-	-	-	-	-	-	-
Other .....	--	--	-	0	50	-	0	-	0	-	0
<b>Total</b> .....	--	--	-	54	50	-	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-April 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> .....	-	-	-	-	78	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	78	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	102	-	-	1,040	1,356	560	9,102	11,018
Argentina .....	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	67	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-
Canada .....	-	-	-	-	165	582	-	-	582
Chad .....	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	535	535
Estonia .....	-	48	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	89	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	517	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	5,281	5,281
Netherlands .....	-	54	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	599	130	2,021	2,750
Spain .....	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	-	-	175	225	-	400
Yemen .....	-	-	-	-	-	-	-	-	-
Other .....	-	0	-	-	202	0	205	1,265	1,470
<b>Total</b> .....	-	102	-	-	1,118	1,356	560	9,102	11,018
<b>Persian Gulf<sup>6</sup></b> .....	-	-	-	-	78	-	-	-	-

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-April 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	—	578	—	2,780	22,572	165	23	188
Algeria	—	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	325	325	—	3	3
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	1,033	9	—	9
Iraq	—	—	—	—	—	—	—	528	3,149	22	4	26
Kuwait	—	—	—	157	—	—	—	157	2,050	16	1	17
Libya	—	—	—	—	—	—	—	69	353	2	1	3
Nigeria	—	—	—	—	—	—	—	—	950	8	—	8
Saudi Arabia	—	—	—	—	—	93	—	1,216	14,227	108	10	119
United Arab Emirates	—	—	—	—	—	485	—	485	485	—	4	4
Venezuela	—	—	—	—	—	—	—	—	—	—	—	—
<b>Non-OPEC</b>	994	145	218	876	98	3,159	—	75,703	220,174	1,204	631	1,835
Argentina	—	72	—	448	—	13	—	613	613	—	5	5
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	277	—	277	277	—	2	2
Belgium	73	—	—	—	—	24	—	380	380	—	3	3
Brazil	—	—	—	131	—	—	—	973	4,939	33	8	41
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	98	34	—	1,262	54,832	446	11	457
Chad	—	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	263	14,708	120	2	123
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	367	767	3	3	6
Egypt	—	—	—	—	—	—	—	3,700	3,700	—	31	31
Estonia	—	—	—	—	—	—	—	48	48	—	0	0
Finland	—	—	—	—	—	—	—	633	633	—	5	5
France	—	73	13	—	—	45	—	131	131	—	1	1
Germany	—	—	—	—	—	11	—	169	169	—	1	1
Guatemala	—	—	—	—	—	—	—	—	282	2	—	2
India	—	—	—	—	—	—	—	1,398	1,398	—	12	12
Indonesia	—	—	—	—	—	305	—	305	305	—	3	3
Italy	—	—	10	—	—	56	—	1,314	1,314	—	11	11
Korea, South	86	—	—	—	—	811	—	1,804	1,804	—	15	15
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	68	—	—	—	—	68	68	—	1	1
Mexico	529	—	—	—	—	—	—	8,594	65,230	472	72	544
Netherlands	—	—	—	—	—	249	—	825	825	—	7	7
Norway	—	—	—	—	—	—	—	327	327	—	3	3
Oman	—	—	—	114	—	49	—	163	163	—	1	1
Portugal	—	—	—	—	—	—	—	361	361	—	3	3
Qatar	—	—	—	—	—	1,248	—	1,248	1,248	—	10	10
Russia	—	—	—	158	—	36	—	40,395	45,992	47	337	383
Spain	—	—	—	—	—	—	—	832	832	—	7	7
Sweden	—	—	—	—	—	—	—	661	661	—	6	6
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	4,710	39	—	39
United Kingdom	37	—	65	8	—	—	—	830	4,693	32	7	39
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	1,478	1,478	—	12	12
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	269	0	62	17	0	1	—	6,284	7,286	10	52	62
<b>Total</b>	<b>994</b>	<b>145</b>	<b>218</b>	<b>1,033</b>	<b>98</b>	<b>3,737</b>	<b>—</b>	<b>78,483</b>	<b>242,746</b>	<b>1,369</b>	<b>654</b>	<b>2,023</b>
<b>Persian Gulf<sup>6</sup></b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>157</b>	<b>—</b>	<b>2,103</b>	<b>—</b>	<b>3,911</b>	<b>22,469</b>	<b>155</b>	<b>33</b>	<b>187</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-April 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>35,002</b>	<b>2,059</b>	<b>-</b>	<b>25</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>184</b>	<b>184</b>
Canada .....	35,002	2,059	-	25	-	-	-	-	184	184
Ecuador .....	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-
Other .....	0	0	-	0	-	-	-	-	0	0
<b>Total</b> .....	<b>35,002</b>	<b>2,059</b>	<b>-</b>	<b>25</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>184</b>	<b>184</b>
<b>PAD District 5</b>										
<b>OPEC</b> .....	<b>41,371</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>153</b>	<b>153</b>	<b>-</b>	<b>514</b>	<b>514</b>
Algeria .....	-	-	-	-	-	-	-	-	-	-
Angola .....	1,979	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	12,963	-	-	-	-	-	-	-	-	-
Kuwait .....	605	-	-	-	-	-	-	-	-	-
Libya .....	6,918	-	-	-	-	-	-	-	-	-
Nigeria .....	4,306	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	14,600	-	-	-	-	153	153	-	185	185
United Arab Emirates .....	-	-	-	-	-	-	-	-	329	329
Venezuela .....	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	<b>80,524</b>	<b>6,240</b>	<b>-</b>	<b>4,983</b>	<b>-</b>	<b>1,673</b>	<b>1,673</b>	<b>-</b>	<b>2,909</b>	<b>2,909</b>
Argentina .....	2,014	55	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-
Brazil .....	2,774	-	-	-	-	-	-	-	-	-
Brunei .....	1,995	-	-	-	-	-	-	-	-	-
Canada .....	29,692	6,185	-	167	-	615	615	-	227	227
China .....	-	-	-	-	-	-	-	-	-	-
Colombia .....	7,178	-	-	-	-	-	-	-	-	-
Ecuador .....	18,936	-	-	492	-	-	-	-	-	-
Finland .....	-	-	-	-	-	1	1	-	271	271
Germany .....	-	-	-	-	-	5	5	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-
Japan .....	-	-	-	-	-	-	-	-	245	245
Korea, South .....	-	-	-	-	-	582	582	-	691	691
Malaysia .....	-	-	-	-	-	-	-	-	-	-
Mexico .....	3,535	-	-	1,277	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	65	65	-	93	93
Oman .....	-	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	-	-	-	-	-	-	-	-	-	-
Peru .....	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-
Singapore .....	-	-	-	-	-	-	-	-	315	315
Sweden .....	-	-	-	-	-	22	22	-	-	-
Taiwan .....	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	318	318
Vietnam .....	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	299	-	-	-	-	-	-
Other .....	14,400	0	-	2,748	-	383	383	-	749	749
<b>Total</b> .....	<b>121,895</b>	<b>6,405</b>	<b>-</b>	<b>4,983</b>	<b>-</b>	<b>1,826</b>	<b>1,826</b>	<b>-</b>	<b>3,423</b>	<b>3,423</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>28,168</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>153</b>	<b>153</b>	<b>-</b>	<b>514</b>	<b>514</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-April 2021**  
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				
	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	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> .....	--	--	-	185	-	-	701	-	-	-	701
Canada .....	--	--	-	185	-	-	701	-	-	-	701
Ecuador .....	--	--	-	-	-	-	-	-	-	-	-
Qatar .....	--	--	-	-	-	-	-	-	-	-	-
Other .....	--	--	-	0	-	-	0	-	-	-	0
<b>Total</b> .....	--	--	-	185	-	-	701	-	-	-	701
<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> .....	--	--	-	210	3,368	-	1,750	628	-	-	2,378
Argentina .....	--	--	-	-	-	-	-	-	-	-	-
Aruba .....	--	--	-	-	-	-	-	-	-	-	-
Australia .....	--	--	-	-	-	-	-	-	-	-	-
Brazil .....	--	--	-	-	-	-	-	-	-	-	-
Brunei .....	--	--	-	-	-	-	-	-	-	-	-
Canada .....	--	--	-	95	-	-	1,735	-	-	-	1,735
China .....	--	--	-	-	-	-	-	-	-	-	-
Colombia .....	--	--	-	-	-	-	-	-	-	-	-
Ecuador .....	--	--	-	-	-	-	-	-	-	-	-
Finland .....	--	--	-	-	-	-	-	-	-	-	-
Germany .....	--	--	-	-	-	-	-	-	-	-	-
Indonesia .....	--	--	-	-	-	-	-	-	-	-	-
Japan .....	--	--	-	-	-	-	-	-	-	-	-
Korea, South .....	--	--	-	115	-	-	15	628	-	-	643
Malaysia .....	--	--	-	-	-	-	-	-	-	-	-
Mexico .....	--	--	-	-	-	-	-	-	-	-	-
Netherlands .....	--	--	-	-	-	-	-	-	-	-	-
Oman .....	--	--	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	--	--	-	-	-	-	-	-	-	-	-
Peru .....	--	--	-	-	-	-	-	-	-	-	-
Qatar .....	--	--	-	-	-	-	-	-	-	-	-
Singapore .....	--	--	-	-	-	-	-	-	-	-	-
Sweden .....	--	--	-	-	-	-	-	-	-	-	-
Taiwan .....	--	--	-	-	-	-	-	-	-	-	-
United Kingdom .....	--	--	-	-	-	-	-	-	-	-	-
Vietnam .....	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	--	--	-	-	-	-	-	-	-	-	-
Other .....	--	--	-	0	3,368	-	0	0	-	-	0
<b>Total</b> .....	--	--	-	210	3,368	-	1,750	628	-	-	2,378
<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-April 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> .....	-	27	-	64	-	-	-	-	-
Canada .....	-	27	-	64	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-
Other .....	-	0	-	0	-	-	-	-	-
<b>Total</b> .....	-	27	-	64	-	-	-	-	-
<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> .....	-	8	-	9,839	-	-	1,592	1,188	2,780
Argentina .....	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	313	-	-	-	-	-
Canada .....	-	8	-	122	-	-	458	360	818
China .....	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	548	548
Finland .....	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-
Japan .....	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	8,580	-	-	-	-	-
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> .....	-	8	-	9,839	-	-	1,592	1,188	2,780
<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-April 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> .....	-	-	-	-	196	-	4	3,445	38,447	292	29	320
Canada .....	-	-	-	-	196	-	4	3,445	38,447	292	29	320
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-	-
Other .....	-	-	-	-	0	-	0	0	0	0	0	0
<b>Total</b> .....	-	-	-	-	196	-	4	3,445	38,447	292	29	320
<b>PAD District 5</b>												
<b>OPEC</b> .....	-	-	-	-	-	-	-	832	42,203	345	7	352
Algeria .....	-	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	1,979	16	-	16
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	12,963	108	-	108
Kuwait .....	-	-	-	-	-	-	-	-	605	5	-	5
Libya .....	-	-	-	-	-	-	-	-	6,918	58	-	58
Nigeria .....	-	-	-	-	-	-	-	-	4,306	36	-	36
Saudi Arabia .....	-	-	-	-	-	-	-	338	14,938	122	3	124
United Arab Emirates .....	-	-	-	-	-	-	-	329	329	-	3	3
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	88	-	118	-	374	114	-	35,082	115,606	671	292	963
Argentina .....	-	-	-	-	-	-	-	55	2,069	17	0	17
Aruba .....	-	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	2,774	23	-	23
Brunei .....	-	-	-	-	-	-	-	313	2,308	17	3	19
Canada .....	-	-	-	-	374	25	-	10,371	40,063	247	86	334
China .....	-	-	42	-	-	-	-	42	42	-	0	0
Colombia .....	-	-	-	-	-	-	-	-	7,178	60	-	60
Ecuador .....	-	-	-	-	-	-	-	1,040	19,976	158	9	166
Finland .....	-	-	-	-	-	-	-	272	272	-	2	2
Germany .....	-	-	-	-	-	-	-	5	5	-	0	0
Indonesia .....	-	-	-	-	-	-	-	-	-	-	-	-
Japan .....	-	-	18	-	-	-	-	263	263	-	2	2
Korea, South .....	-	-	-	-	-	21	-	10,632	10,632	-	89	89
Malaysia .....	-	-	1	-	-	-	-	1	1	-	0	0
Mexico .....	-	-	-	-	-	-	-	1,277	4,812	29	11	40
Netherlands .....	-	-	-	-	-	-	-	158	158	-	1	1
Oman .....	-	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	-	-	-	-	-	-	-	-	-	-	-	-
Peru .....	-	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	68	-	68	68	-	1	1
Singapore .....	-	-	-	-	-	-	-	3,683	3,683	-	31	31
Sweden .....	-	-	-	-	-	-	-	22	22	-	0	0
Taiwan .....	88	-	57	-	-	-	-	454	454	-	4	4
United Kingdom .....	-	-	-	-	-	-	-	318	318	-	3	3
Vietnam .....	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	299	299	-	2	2
Other .....	0	-	0	-	0	0	-	5,809	20,209	120	48	169
<b>Total</b> .....	88	-	118	-	374	114	-	35,914	157,809	1,016	299	1,315
<b>Persian Gulf<sup>3</sup></b> .....	-	-	-	-	-	68	-	735	28,903	235	6	241

-- = 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, April 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>724</b>	<b>2,752</b>	<b>92,675</b>	<b>-</b>	<b>2,352</b>	<b>98,503</b>	<b>3,283</b>
<b>Hydrocarbon Gas Liquids</b> .....	<b>8,073</b>	<b>9,324</b>	<b>55,474</b>	<b>112</b>	<b>1,935</b>	<b>74,918</b>	<b>2,497</b>
Natural Gas Liquids .....	8,073	9,324	55,474	112	1,935	74,918	2,497
Ethane .....	1,896	2,976	7,302	-	0	12,174	406
Propane .....	3,407	149	37,487	2	1,030	42,076	1,403
Normal Butane .....	2,685	105	10,485	0	872	14,146	472
Isobutane .....	1	2	133	0	1	137	5
Natural Gasoline .....	85	6,092	66	109	32	6,385	213
Refinery Olefins .....	--	--	--	--	--	--	--
Ethylene .....	--	--	--	--	--	--	--
Propylene .....	--	--	--	--	--	--	--
Normal Butylene .....	--	--	--	--	--	--	--
Isobutylene .....	--	--	--	--	--	--	--
<b>Other Liquids</b> .....	<b>153</b>	<b>2,544</b>	<b>12,777</b>	<b>12</b>	<b>439</b>	<b>15,925</b>	<b>531</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	123	820	1,959	12	275	3,189	106
Hydrogen .....	--	--	--	--	--	--	--
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	--	--	--
Methyl Tertiary Butyl Ether (MTBE) .....	--	--	--	--	--	--	--
Other Oxygenates .....	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol) ...	123	820	1,959	12	275	3,189	106
Fuel Ethanol .....	60	561	1,880	-	194	2,695	90
Biodiesel .....	63	259	79	12	81	494	16
Other Renewable Diesel .....	-	-	-	-	-	-	-
Other Renewable Fuels .....	-	-	-	-	-	-	-
Other Hydrocarbons .....	-	-	-	-	-	-	-
Unfinished Oils .....	27	1,624	8,645	0	33	10,328	344
Naphthas and Lighter .....	13	1,618	8,488	0	18	10,138	338
Kerosene and Light Gas Oils .....	14	5	157	-	15	191	6
Heavy Gas Oils .....	-	-	-	-	-	-	-
Residuum .....	-	-	-	-	-	-	-
Motor Gasoline Blend.Comp. (MGBC) .....	3	101	2,173	1	131	2,408	80
Reformulated .....	0	-	2	-	1	4	0
Conventional .....	2	101	2,171	1	130	2,405	80
Aviation Gasoline Blend. Comp. ....	-	-	-	-	-	-	-
<b>Finished Petroleum Products</b> .....	<b>1,645</b>	<b>1,101</b>	<b>72,858</b>	<b>22</b>	<b>8,323</b>	<b>83,948</b>	<b>2,798</b>
Finished Motor Gasoline .....	30	257	20,487	3	1,373	22,151	738
Reformulated .....	-	-	-	-	-	-	-
Conventional .....	30	257	20,487	3	1,373	22,151	738
Finished Aviation Gasoline .....	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel .....	20	16	1,576	-	594	2,206	74
Kerosene .....	1	2	177	-	79	259	9
Distillate Fuel Oil .....	329	122	31,829	-	1,697	33,977	1,133
15 ppm sulfur and under .....	24	1	25,946	-	647	26,618	887
Greater than 15 ppm to 500 ppm sulfur .....	305	17	3,247	-	436	4,004	133
Greater than 500 ppm sulfur .....	-	104	2,637	-	615	3,355	112
Residual Fuel Oil .....	62	146	4,183	3	1,079	5,473	182
Naphtha for Petro. Feed. Use .....	-	-	-	-	-	-	-
Other Oils for Petro. Feed. Use .....	-	-	-	-	-	-	-
Special Naphthas .....	-	-	-	-	-	-	-
Lubricants .....	160	174	2,345	15	207	2,902	97
Waxes .....	100	28	32	0	4	165	5
Petroleum Coke .....	860	271	12,009	-	3,262	16,401	547
Asphalt and Road Oil .....	67	82	200	1	28	378	13
Miscellaneous Products .....	15	3	19	-	0	37	1
<b>Total</b> .....	<b>10,595</b>	<b>15,721</b>	<b>233,784</b>	<b>146</b>	<b>13,050</b>	<b>273,295</b>	<b>9,110</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-April 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>3,099</b>	<b>12,922</b>	<b>334,034</b>	<b>-</b>	<b>5,478</b>	<b>355,533</b>	<b>2,963</b>
<b>Hydrocarbon Gas Liquids</b> .....	<b>33,519</b>	<b>37,199</b>	<b>201,313</b>	<b>310</b>	<b>5,729</b>	<b>278,070</b>	<b>2,317</b>
Natural Gas Liquids .....	33,519	37,199	201,313	310	5,729	278,070	2,317
Ethane .....	9,141	10,810	23,557	-	0	43,509	363
Propane .....	15,808	504	139,146	5	3,689	157,968	1,316
Normal Butane .....	8,324	426	39,483	1	2,032	49,850	415
Isobutane .....	4	9	319	0	3	331	3
Natural Gasoline .....	311	25,458	287	303	52	26,412	220
Refinery Olefins .....	--	--	--	--	--	--	--
Ethylene .....	--	--	--	--	--	--	--
Propylene .....	--	--	--	--	--	--	--
Normal Butylene .....	--	--	--	--	--	--	--
Isobutylene .....	--	--	--	--	--	--	--
<b>Other Liquids</b> .....	<b>615</b>	<b>8,562</b>	<b>51,457</b>	<b>48</b>	<b>1,776</b>	<b>62,459</b>	<b>520</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	470	2,358	9,515	47	992	13,382	112
Hydrogen .....	--	--	--	--	--	--	--
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	--	--	--
Methyl Tertiary Butyl Ether (MTBE) .....	--	--	--	--	--	--	--
Other Oxygenates .....	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol) ...	470	2,358	9,515	47	992	13,382	112
Fuel Ethanol .....	274	1,865	9,273	36	830	12,278	102
Biodiesel .....	195	493	242	12	162	1,104	9
Other Renewable Diesel .....	--	--	--	--	--	--	--
Other Renewable Fuels .....	--	--	--	--	--	--	--
Other Hydrocarbons .....	--	--	--	--	--	--	--
Unfinished Oils .....	132	5,947	35,405	0	176	41,660	347
Naphthas and Lighter .....	49	5,926	34,543	0	107	40,625	339
Kerosene and Light Gas Oils .....	83	21	862	0	69	1,035	9
Heavy Gas Oils .....	--	--	--	--	--	--	--
Residuum .....	--	--	--	--	--	--	--
Motor Gasoline Blend.Comp. (MGBC) .....	14	257	6,537	1	608	7,417	62
Reformulated .....	2	--	15	--	7	25	0
Conventional .....	13	257	6,521	1	601	7,392	62
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b> .....	<b>8,653</b>	<b>3,526</b>	<b>258,935</b>	<b>71</b>	<b>29,196</b>	<b>300,382</b>	<b>2,503</b>
Finished Motor Gasoline .....	537	900	80,937	4	6,173	88,551	738
Reformulated .....	--	--	--	--	--	--	--
Conventional .....	537	900	80,937	4	6,173	88,551	738
Finished Aviation Gasoline .....	--	--	--	--	--	--	--
Kerosene-Type Jet Fuel .....	563	108	6,821	--	1,517	9,008	75
Kerosene .....	3	4	546	--	183	736	6
Distillate Fuel Oil .....	2,074	372	104,043	--	6,934	113,422	945
15 ppm sulfur and under .....	1,464	6	88,207	--	5,633	95,310	794
Greater than 15 ppm to 500 ppm sulfur .....	606	68	7,820	--	679	9,172	76
Greater than 500 ppm sulfur .....	4	298	8,016	--	622	8,940	74
Residual Fuel Oil .....	1,536	575	9,308	15	2,388	13,821	115
Naphtha for Petro. Feed. Use .....	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use .....	--	--	--	--	--	--	--
Special Naphthas .....	--	--	--	--	--	--	--
Lubricants .....	669	708	8,946	49	1,297	11,668	97
Waxes .....	326	127	120	1	16	589	5
Petroleum Coke .....	2,605	376	46,567	0	10,578	60,126	501
Asphalt and Road Oil .....	281	348	1,594	3	110	2,335	19
Miscellaneous Products .....	60	10	54	--	1	125	1
<b>Total</b> .....	<b>45,886</b>	<b>62,209</b>	<b>845,740</b>	<b>429</b>	<b>42,180</b>	<b>996,443</b>	<b>8,304</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, April 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	—	—	—	32	—	—	—	—	—	—
Australia	—	582	—	2	—	0	0	0	—	0
Bahamas	—	31	—	0	—	46	46	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	507	399	—	10	—	—	—	—	—	—
Belize	—	27	—	—	—	25	25	—	—	—
Brazil	4,393	3,382	—	2,328	—	69	69	0	—	0
Canada	10,608	9,581	—	1,640	—	360	360	—	745	745
Cayman Islands	—	8	—	—	—	7	7	—	—	—
Chile	—	2,796	—	4	—	460	460	—	—	—
China	6,054	7,355	—	0	—	2	2	—	—	—
Colombia	—	2	—	1,652	—	200	200	0	119	119
Costa Rica	—	167	—	0	—	919	919	—	—	—
Denmark	1,970	—	—	—	—	—	—	—	—	—
Dominican Republic	1,000	850	—	0	—	2	2	—	—	—
Ecuador	—	2,206	—	12	—	881	881	—	9	9
Egypt	—	738	—	—	—	—	—	—	—	—
El Salvador	—	390	—	0	—	361	361	—	—	—
Finland	—	930	—	0	—	—	—	—	—	—
France	1,433	1,117	—	37	—	—	—	—	—	—
Germany	2,550	—	—	3	—	—	—	—	—	—
Ghana	—	—	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	—	—	—	—	—	—	—
Greece	—	—	—	—	—	—	—	—	—	—
Guatemala	—	414	—	1	—	1,951	1,951	—	—	—
Honduras	—	299	—	—	—	683	683	—	—	—
Hong Kong	—	—	—	—	—	3	3	—	—	—
India	11,103	6,765	—	11	—	—	—	—	—	—
Indonesia	—	2,917	—	0	—	—	—	—	—	—
Ireland	670	—	—	—	—	—	—	—	—	—
Israel	—	—	—	0	—	—	—	—	—	—
Italy	4,140	—	—	—	—	—	—	—	—	—
Jamaica	—	35	—	—	—	67	67	—	0	0
Japan	1,300	10,605	—	653	—	0	0	0	—	0
Korea, South	10,441	4,691	—	252	—	0	0	0	0	0
Lebanon	—	—	—	—	—	—	—	—	—	—
Mexico	—	3,669	—	498	—	13,828	13,828	2	1,485	1,488
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	—	1,567	—	—	—	—	—	—	—	—
Mozambique	—	—	—	—	—	—	—	—	—	—
Netherlands	12,760	2,548	—	1,324	—	—	—	—	—	—
New Zealand	—	—	—	0	—	—	—	—	—	—
Nicaragua	—	—	—	—	—	146	146	—	—	—
Nigeria	—	444	—	0	—	—	—	—	—	—
Norway	700	1,200	—	—	—	—	—	—	—	—
Pakistan	—	—	—	—	—	—	—	—	—	—
Panama	—	105	—	0	—	977	977	—	—	—
Peru	380	144	—	117	—	712	712	—	46	46
Philippines	—	0	—	1	—	—	—	—	—	—
Portugal	—	246	—	—	—	—	—	—	—	—
Puerto Rico	—	31	—	7	—	2	2	0	0	0
Romania	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	1	—	—	—	—	—	—
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—	—	—
Singapore	6,504	634	—	930	—	64	64	—	0	0
South Africa	—	525	—	—	—	—	—	—	—	—
Spain	2,262	0	—	—	—	—	—	—	—	—
Switzerland	743	0	—	—	—	—	—	—	—	—
Taiwan	6,324	0	—	325	—	0	0	0	—	0
Thailand	2,551	0	—	1	—	—	—	—	—	—
Trinidad and Tobago	—	0	—	0	—	—	—	—	—	—
Turkey	—	3,122	—	—	—	—	—	—	0	0
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
United Kingdom	8,708	1,182	—	483	—	0	0	—	—	—
Venezuela	—	1	—	—	—	—	—	0	—	0
Other	1,402	3,213	—	4	—	386	386	2	1	1
<b>Total</b>	<b>98,503</b>	<b>74,918</b>	<b>—</b>	<b>10,328</b>	<b>—</b>	<b>22,151</b>	<b>22,151</b>	<b>4</b>	<b>2,405</b>	<b>2,408</b>

See footnotes at end of table.

**Table 51. Exports of Crude Oil and Petroleum Products by Destination, April 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 .....	---	---	—	—	—	—	358	308	—	—	666
Australia .....	---	---	32	0	—	—	—	—	—	—	—
Bahamas .....	---	---	0	—	—	—	95	—	289	—	384
Bahrain .....	---	---	0	—	—	—	—	—	—	—	—
Belgium .....	---	---	0	—	—	—	1	—	—	—	1
Belize .....	---	---	—	—	—	—	225	—	—	—	225
Brazil .....	---	---	0	—	—	—	759	550	—	—	1,309
Canada .....	---	---	661	430	—	—	0	1,000	125	—	1,125
Cayman Islands .....	---	---	—	—	—	—	92	—	—	—	92
Chile .....	---	---	0	—	—	—	4,476	—	293	—	4,769
China .....	---	---	280	—	—	—	1	—	—	—	1
Colombia .....	---	---	21	—	—	—	682	—	—	—	682
Costa Rica .....	---	---	0	—	—	—	800	—	—	—	800
Denmark .....	---	---	—	—	—	—	—	40	—	—	40
Dominican Republic .....	---	---	2	—	—	—	284	1	304	—	588
Ecuador .....	---	---	0	—	—	—	214	—	—	—	214
Egypt .....	---	---	1	—	—	—	—	—	—	—	—
El Salvador .....	---	---	—	—	—	—	152	95	—	—	247
Finland .....	---	---	262	—	—	—	2	—	—	—	2
France .....	---	---	0	—	—	—	1	—	—	—	1
Germany .....	---	---	0	1	—	—	—	—	—	—	—
Ghana .....	---	---	—	—	—	—	—	—	—	—	—
Gibraltar .....	---	---	—	—	—	—	437	—	310	—	747
Greece .....	---	---	—	—	—	—	—	—	—	—	—
Guatemala .....	---	---	—	—	—	—	684	157	453	—	1,294
Honduras .....	---	---	—	—	—	—	927	—	—	—	927
Hong Kong .....	---	---	0	—	—	—	—	—	—	—	—
India .....	---	---	392	—	—	—	8	—	—	—	8
Indonesia .....	---	---	0	—	—	—	—	—	—	—	—
Ireland .....	---	---	0	—	—	—	—	—	—	—	—
Israel .....	---	---	1	—	—	—	—	—	—	—	—
Italy .....	---	---	2	—	—	—	—	—	—	—	—
Jamaica .....	---	---	60	—	—	—	117	0	—	—	117
Japan .....	---	---	0	—	—	—	3	—	—	—	3
Korea, South .....	---	---	553	1	—	—	5	0	—	—	5
Lebanon .....	---	---	—	—	—	—	—	—	—	—	—
Mexico .....	---	---	85	—	—	—	9,457	—	1	—	9,458
Montenegro .....	---	---	—	—	—	—	—	—	—	—	—
Morocco .....	---	---	—	—	—	—	—	—	—	—	—
Mozambique .....	---	---	—	—	—	—	—	—	—	—	—
Netherlands .....	---	---	31	53	—	—	287	305	476	—	1,068
New Zealand .....	---	---	—	—	—	—	—	—	—	—	—
Nicaragua .....	---	---	—	—	—	—	—	—	56	—	56
Nigeria .....	---	---	—	—	—	—	—	—	—	—	—
Norway .....	---	---	0	—	—	—	—	—	—	—	—
Pakistan .....	---	---	—	—	—	—	—	—	—	—	—
Panama .....	---	---	0	—	—	—	1,892	653	—	—	2,545
Peru .....	---	---	133	9	—	—	1,828	0	299	—	2,127
Philippines .....	---	---	—	—	—	—	—	—	—	—	—
Portugal .....	---	---	—	—	—	—	—	—	—	—	—
Puerto Rico .....	---	---	4	—	—	—	1	—	—	—	1
Romania .....	---	---	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	---	---	61	—	—	—	3	—	—	—	3
Serbia (Excludes Kosovo) ..	---	---	—	—	—	—	—	—	—	—	—
Singapore .....	---	---	47	1	—	—	877	—	—	—	877
South Africa .....	---	---	—	—	—	—	—	—	—	—	—
Spain .....	---	---	—	—	—	—	—	—	—	—	—
Switzerland .....	---	---	3	—	—	—	—	—	—	—	—
Taiwan .....	---	---	—	—	—	—	—	—	—	—	—
Thailand .....	---	---	—	—	—	—	0	—	—	—	0
Trinidad and Tobago .....	---	---	—	—	—	—	291	—	—	—	291
Turkey .....	---	---	—	—	—	—	—	—	—	—	—
United Arab Emirates .....	---	---	—	—	—	—	—	—	—	—	—
United Kingdom .....	---	---	60	—	—	—	823	—	—	—	823
Venezuela .....	---	---	—	—	—	—	21	—	—	—	21
Other .....	---	---	4	0	—	—	815	895	749	—	2,460
<b>Total .....</b>	<b>---</b>	<b>---</b>	<b>2,695</b>	<b>494</b>	<b>—</b>	<b>—</b>	<b>26,618</b>	<b>4,004</b>	<b>3,355</b>	<b>—</b>	<b>33,977</b>

See footnotes at end of table.

**Table 51. Exports of Crude Oil and Petroleum Products by Destination, April 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 .....	—	—	—	51	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	55	—	256	—	—
Bahrain .....	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	—	—	0	—	—
Belize .....	—	—	—	12	—	—	—	—
Brazil .....	—	—	—	—	—	—	—	—
Canada .....	2	—	—	74	—	1,246	—	—
Cayman Islands .....	—	—	—	—	—	—	—	—
Chile .....	—	—	—	441	—	—	—	—
China .....	0	—	—	—	—	2	—	—
Colombia .....	2	—	—	—	—	—	—	—
Costa Rica .....	—	—	—	120	—	—	—	—
Denmark .....	—	—	—	—	—	—	—	—
Dominican Republic .....	—	—	—	120	—	—	—	—
Ecuador .....	1	—	—	—	—	—	—	—
Egypt .....	—	—	—	—	—	—	—	—
El Salvador .....	—	—	—	—	—	—	—	—
Finland .....	—	—	—	—	—	—	—	—
France .....	—	—	—	—	—	—	—	—
Germany .....	—	—	—	—	—	3	—	—
Ghana .....	—	—	—	—	—	—	—	—
Gibraltar .....	—	—	—	—	—	—	—	—
Greece .....	—	—	—	—	—	—	—	—
Guatemala .....	—	—	—	109	—	—	—	—
Honduras .....	—	—	—	48	—	—	—	—
Hong Kong .....	—	—	—	—	—	0	—	—
India .....	—	—	—	—	—	1	—	—
Indonesia .....	—	—	—	—	—	—	—	—
Ireland .....	—	—	—	—	—	—	—	—
Israel .....	—	—	—	—	—	—	—	—
Italy .....	—	—	—	—	—	—	—	—
Jamaica .....	—	—	—	—	—	—	—	—
Japan .....	—	—	—	—	—	—	—	—
Korea, South .....	—	—	—	—	—	0	—	—
Lebanon .....	—	—	—	—	—	—	—	—
Mexico .....	247	—	—	1,110	—	738	—	—
Montenegro .....	—	—	—	—	—	—	—	—
Morocco .....	—	—	—	—	—	—	—	—
Mozambique .....	—	—	—	—	—	—	—	—
Netherlands .....	0	—	—	—	—	387	—	—
New Zealand .....	—	—	—	0	—	—	—	—
Nicaragua .....	—	—	—	—	—	—	—	—
Nigeria .....	—	—	—	—	—	—	—	—
Norway .....	—	—	—	—	—	—	—	—
Pakistan .....	—	—	—	—	—	—	—	—
Panama .....	0	—	—	35	—	—	—	—
Peru .....	5	—	—	—	—	—	—	—
Philippines .....	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	—
Puerto Rico .....	—	—	—	—	—	—	—	—
Romania .....	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	—	—	1,722	—	—
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—
Singapore .....	—	—	—	—	—	969	—	—
South Africa .....	—	—	—	—	—	—	—	—
Spain .....	—	—	—	—	—	—	—	—
Switzerland .....	—	—	—	—	—	—	—	—
Taiwan .....	—	—	—	0	—	0	—	—
Thailand .....	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	0	—	—	—	—
Turkey .....	—	—	—	—	—	—	—	—
United Arab Emirates .....	0	—	—	1	—	—	—	—
United Kingdom .....	—	—	—	—	—	—	—	—
Venezuela .....	0	—	—	—	—	—	—	—
Other .....	2	—	—	30	—	149	—	—
<b>Total .....</b>	<b>259</b>	<b>—</b>	<b>—</b>	<b>2,206</b>	<b>—</b>	<b>5,473</b>	<b>—</b>	<b>—</b>

See footnotes at end of table.

**Table 51. Exports of Crude Oil and Petroleum Products by Destination, April 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	—	—	6	—	756	756	—	25	25
Australia .....	0	99	—	6	1	723	723	—	24	24
Bahamas .....	—	—	2	3	0	777	777	—	26	26
Bahrain .....	—	—	—	0	—	0	0	—	0	0
Belgium .....	0	227	0	233	1	870	1,377	17	29	46
Belize .....	—	—	—	2	—	291	291	—	10	10
Brazil .....	0	1,822	—	302	0	9,212	13,605	146	307	453
Canada .....	117	633	147	248	7	17,015	27,624	354	567	921
Cayman Islands .....	—	—	1	1	—	110	110	—	4	4
Chile .....	2	1	0	74	—	8,547	8,547	—	285	285
China .....	1	3,051	2	19	1	10,716	16,770	202	357	559
Colombia .....	0	—	0	144	0	2,821	2,821	—	94	94
Costa Rica .....	0	319	47	18	—	2,390	2,390	—	80	80
Denmark .....	0	—	—	—	—	40	2,010	66	1	67
Dominican Republic .....	0	182	32	17	0	1,794	2,794	33	60	93
Ecuador .....	0	242	0	13	—	3,579	3,579	—	119	119
Egypt .....	—	—	—	1	—	739	739	—	25	25
El Salvador .....	0	138	0	34	—	1,169	1,169	—	39	39
Finland .....	—	—	—	0	—	1,195	1,195	—	40	40
France .....	0	25	—	1	—	1,180	2,613	48	39	87
Germany .....	4	0	3	33	—	48	2,597	85	2	87
Ghana .....	—	—	—	0	—	0	0	—	0	0
Gibraltar .....	—	—	—	—	—	747	747	—	25	25
Greece .....	—	337	—	1	—	338	338	—	11	11
Guatemala .....	0	173	—	21	—	3,963	3,963	—	132	132
Honduras .....	0	—	—	14	—	1,972	1,972	—	66	66
Hong Kong .....	0	0	—	1	0	4	4	—	0	0
India .....	1	685	0	134	0	7,998	19,101	370	267	637
Indonesia .....	0	0	1	2	0	2,921	2,921	—	97	97
Ireland .....	—	—	—	0	—	1	671	22	0	22
Israel .....	0	—	—	6	0	7	7	—	0	0
Italy .....	0	994	—	0	0	997	5,137	138	33	171
Jamaica .....	0	—	—	15	0	294	294	—	10	10
Japan .....	1	1,714	1	5	3	12,986	14,286	43	433	476
Korea, South .....	0	0	1	8	0	5,511	15,952	348	184	532
Lebanon .....	—	—	—	1	—	1	1	—	0	0
Mexico .....	19	2,045	131	1,187	18	34,521	34,521	—	1,151	1,151
Montenegro .....	—	—	—	—	—	—	—	—	—	—
Morocco .....	—	818	—	—	—	2,385	2,385	—	80	80
Mozambique .....	—	33	—	0	—	33	33	—	1	1
Netherlands .....	13	593	2	5	0	6,026	18,786	425	201	626
New Zealand .....	0	110	—	0	—	110	110	—	4	4
Nicaragua .....	—	0	—	7	—	208	208	—	7	7
Nigeria .....	—	—	—	2	—	446	446	—	15	15
Norway .....	—	168	—	0	—	1,368	2,068	23	46	69
Pakistan .....	0	290	0	0	0	290	290	—	10	10
Panama .....	0	—	—	22	0	3,686	3,686	—	123	123
Peru .....	0	0	0	77	0	3,371	3,751	13	112	125
Philippines .....	0	0	0	2	—	3	3	—	0	0
Portugal .....	—	—	—	0	—	246	246	—	8	8
Puerto Rico .....	0	—	1	11	—	55	55	—	2	2
Romania .....	—	—	—	1	—	1	1	—	0	0
Saudi Arabia .....	—	2	—	7	—	1,797	1,797	—	60	60
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—	—	—
Singapore .....	0	—	—	3	0	3,525	10,028	217	117	334
South Africa .....	0	33	—	71	—	629	629	—	21	21
Spain .....	1	496	—	1	0	498	2,760	75	17	92
Switzerland .....	—	—	—	0	—	3	746	25	0	25
Taiwan .....	0	—	0	5	0	331	6,655	211	11	222
Thailand .....	0	—	0	3	0	5	2,557	85	0	85
Trinidad and Tobago .....	—	—	—	25	—	316	316	—	11	11
Turkey .....	0	870	—	2	1	3,995	3,995	—	133	133
United Arab Emirates .....	0	0	1	34	0	36	36	—	1	1
United Kingdom .....	1	55	—	1	0	2,605	11,312	290	87	377
Venezuela .....	—	—	—	4	—	27	27	—	1	1
Other .....	5	246	6	69	5	6,564	7,967	47	216	264
<b>Total .....</b>	<b>165</b>	<b>16,401</b>	<b>378</b>	<b>2,902</b>	<b>37</b>	<b>174,792</b>	<b>273,295</b>	<b>3,283</b>	<b>5,826</b>	<b>9,110</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-April 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	--	347	--	--	--	--	--	--
Australia .....	2,226	1,161	--	5	--	0	0	1	0	1
Bahamas .....	--	632	--	0	--	247	247	0	1	1
Bahrain .....	--	--	--	--	--	1	1	--	--	--
Belgium .....	1,242	1,457	--	676	--	0	0	--	--	--
Belize .....	--	80	--	--	--	75	75	--	--	--
Brazil .....	9,842	6,768	--	10,641	--	3,042	3,042	0	--	0
Canada .....	40,605	37,983	--	6,007	--	1,751	1,751	--	2,753	2,753
Cayman Islands .....	--	19	--	--	--	136	136	1	0	1
Chile .....	2,855	5,418	--	32	--	1,667	1,667	--	1	1
China .....	36,175	25,428	--	18	--	5	5	--	0	0
Colombia .....	1,762	24	--	3,423	--	3,350	3,350	0	269	270
Costa Rica .....	--	654	--	10	--	3,058	3,058	--	--	--
Denmark .....	2,670	--	--	125	--	--	--	0	--	0
Dominican Republic .....	2,956	4,118	--	1	--	652	652	--	--	--
Ecuador .....	--	4,865	--	353	--	3,286	3,286	--	10	10
Egypt .....	--	3,168	--	--	--	--	--	--	--	--
El Salvador .....	--	1,235	--	1	--	1,605	1,605	--	0	0
Finland .....	--	930	--	0	--	--	--	--	--	--
France .....	9,415	3,816	--	92	--	--	--	--	--	--
Germany .....	7,849	158	--	21	--	--	--	--	0	0
Ghana .....	--	--	--	--	--	--	--	--	--	--
Gibraltar .....	--	475	--	--	--	--	--	--	--	--
Greece .....	--	--	--	--	--	0	0	--	--	--
Guatemala .....	--	1,853	--	9	--	6,057	6,057	--	--	--
Honduras .....	--	1,799	--	3	--	2,007	2,007	--	0	0
Hong Kong .....	--	--	--	0	--	3	3	--	--	--
India .....	49,079	19,394	--	31	--	20	20	--	1	1
Indonesia .....	612	17,266	--	4	--	--	--	--	--	--
Ireland .....	2,510	--	--	--	--	--	--	--	--	--
Israel .....	--	1	--	54	--	--	--	--	--	--
Italy .....	11,585	1,011	--	8	--	0	0	--	--	--
Jamaica .....	--	139	--	0	--	263	263	--	1	1
Japan .....	2,010	48,822	--	5,803	--	1	1	5	183	187
Korea, South .....	39,586	14,098	--	3,774	--	3	3	1	3	4
Lebanon .....	--	--	--	--	--	0	0	--	--	--
Mexico .....	--	20,840	--	1,735	--	52,855	52,855	15	4,014	4,029
Montenegro .....	--	--	--	--	--	--	--	--	--	--
Morocco .....	--	5,439	--	--	--	--	--	--	--	--
Mozambique .....	--	--	--	--	--	--	--	--	--	--
Netherlands .....	35,926	7,715	--	2,853	--	--	--	--	--	--
New Zealand .....	--	1	--	0	--	--	--	--	--	--
Nicaragua .....	722	--	--	--	--	443	443	--	--	--
Nigeria .....	--	2,978	--	0	--	500	500	--	--	--
Norway .....	2,860	3,857	--	413	--	--	--	--	0	0
Pakistan .....	--	--	--	--	--	0	0	--	--	--
Panama .....	1,400	296	--	3	--	3,036	3,036	0	0	0
Peru .....	2,216	1,444	--	131	--	2,870	2,870	--	153	153
Philippines .....	--	525	--	1	--	--	--	--	--	--
Portugal .....	1,454	4,752	--	--	--	--	--	--	--	--
Puerto Rico .....	--	124	--	15	--	9	9	0	2	3
Romania .....	--	--	--	--	--	--	--	--	--	--
Saudi Arabia .....	--	--	--	5	--	1	1	--	0	0
Serbia (Excludes Kosovo) ..	--	--	--	--	--	--	--	--	--	--
Singapore .....	15,192	3,807	--	2,359	--	64	64	--	0	0
South Africa .....	--	779	--	--	--	--	--	--	--	--
Spain .....	7,397	1,322	--	33	--	--	--	--	--	--
Switzerland .....	2,112	1,840	--	345	--	--	--	--	--	--
Taiwan .....	22,433	3	--	967	--	6	6	0	0	0
Thailand .....	6,528	0	--	7	--	--	--	--	--	--
Trinidad and Tobago .....	--	0	--	1	--	0	0	--	--	--
Turkey .....	--	6,232	--	0	--	--	--	--	0	0
United Arab Emirates .....	--	0	--	2	--	1	1	--	0	0
United Kingdom .....	24,548	3,851	--	752	--	161	161	--	--	--
Venezuela .....	--	1	--	0	--	1	1	1	0	1
Other .....	9,758	9,492	--	600	--	1,375	1,375	1	1	1
<b>Total .....</b>	<b>355,533</b>	<b>278,070</b>	<b>--</b>	<b>41,660</b>	<b>--</b>	<b>88,551</b>	<b>88,551</b>	<b>25</b>	<b>7,392</b>	<b>7,417</b>

See footnotes at end of table.

**Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-April 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	--	--	--	578	308	--	--	886
Australia .....	--	--	33	0	--	--	2	--	--	--	2
Bahamas .....	--	--	0	--	--	--	538	--	839	--	1,377
Bahrain .....	--	--	0	--	--	--	--	--	--	--	--
Belgium .....	--	--	1	--	--	--	375	--	--	--	375
Belize .....	--	--	0	--	--	--	303	--	--	--	303
Brazil .....	--	--	729	--	--	--	9,679	1,357	101	--	11,136
Canada .....	--	--	2,359	800	--	--	5	1,786	328	--	2,119
Cayman Islands .....	--	--	--	--	--	--	197	--	--	--	197
Chile .....	--	--	2	--	--	--	11,097	0	293	--	11,390
China .....	--	--	2,084	--	--	--	5	--	1	--	6
Colombia .....	--	--	434	--	--	--	1,417	--	--	--	1,417
Costa Rica .....	--	--	1	--	--	--	2,645	--	--	--	2,645
Denmark .....	--	--	--	--	--	--	37	40	--	--	77
Dominican Republic .....	--	--	4	--	--	--	938	1	650	--	1,589
Ecuador .....	--	--	0	--	--	--	882	442	165	--	1,489
Egypt .....	--	--	2	--	--	--	1	--	--	--	1
El Salvador .....	--	--	--	--	--	--	641	301	233	--	1,176
Finland .....	--	--	262	--	--	--	2	--	--	--	2
France .....	--	--	111	--	--	--	4	--	--	--	4
Germany .....	--	--	5	4	--	--	0	--	--	--	0
Ghana .....	--	--	--	--	--	--	--	--	--	--	--
Gibraltar .....	--	--	--	--	--	--	1,615	40	1,600	--	3,255
Greece .....	--	--	1	--	--	--	--	--	--	--	--
Guatemala .....	--	--	0	--	--	--	2,885	404	1,332	--	4,621
Honduras .....	--	--	0	--	--	--	2,834	--	--	--	2,834
Hong Kong .....	--	--	0	--	--	--	--	--	--	--	--
India .....	--	--	2,367	--	--	--	16	--	15	--	30
Indonesia .....	--	--	0	--	--	--	1,349	--	--	--	1,349
Ireland .....	--	--	0	--	--	--	--	--	--	--	--
Israel .....	--	--	3	--	--	--	0	--	--	--	0
Italy .....	--	--	15	--	--	--	--	209	--	--	209
Jamaica .....	--	--	147	--	--	--	188	0	198	--	386
Japan .....	--	--	1	--	--	--	4	--	--	--	4
Korea, South .....	--	--	1,478	4	--	--	836	0	--	--	836
Lebanon .....	--	--	--	--	--	--	0	--	--	--	0
Mexico .....	--	--	258	1	--	--	31,377	0	31	--	31,409
Montenegro .....	--	--	--	--	--	--	--	--	--	--	--
Morocco .....	--	--	--	--	--	--	326	--	--	--	326
Mozambique .....	--	--	--	--	--	--	--	--	--	--	--
Netherlands .....	--	--	60	122	--	--	581	305	476	--	1,362
New Zealand .....	--	--	--	--	--	--	--	--	--	--	--
Nicaragua .....	--	--	--	--	--	--	394	20	365	--	779
Nigeria .....	--	--	333	--	--	--	1	--	--	--	1
Norway .....	--	--	69	--	--	--	80	--	--	--	80
Pakistan .....	--	--	--	--	--	--	--	--	--	--	--
Panama .....	--	--	0	--	--	--	5,476	1,431	--	--	6,907
Peru .....	--	--	364	87	--	--	8,604	0	299	--	8,903
Philippines .....	--	--	547	--	--	--	--	--	--	--	--
Portugal .....	--	--	--	--	--	--	0	--	--	--	0
Puerto Rico .....	--	--	14	--	--	--	2	0	0	--	2
Romania .....	--	--	--	--	--	--	--	--	--	--	--
Saudi Arabia .....	--	--	199	--	--	--	8	--	--	--	8
Serbia (Excludes Kosovo) ..	--	--	--	--	--	--	--	--	--	--	--
Singapore .....	--	--	74	2	--	--	3,067	--	25	--	3,092
South Africa .....	--	--	0	--	--	--	0	--	--	--	0
Spain .....	--	--	0	--	--	--	--	--	--	--	--
Switzerland .....	--	--	27	--	--	--	285	--	--	--	285
Taiwan .....	--	--	1	--	--	--	0	--	--	--	0
Thailand .....	--	--	0	--	--	--	1	--	--	--	1
Trinidad and Tobago .....	--	--	0	--	--	--	891	510	--	--	1,401
Turkey .....	--	--	86	--	--	--	--	--	--	--	--
United Arab Emirates .....	--	--	0	--	--	--	--	--	--	--	--
United Kingdom .....	--	--	114	--	--	--	1,147	--	--	--	1,147
Venezuela .....	--	--	0	--	--	--	23	--	--	--	23
Other .....	--	--	93	84	--	--	3,974	2,018	1,989	--	7,981
<b>Total .....</b>	<b>--</b>	<b>--</b>	<b>12,278</b>	<b>1,104</b>	<b>--</b>	<b>--</b>	<b>95,310</b>	<b>9,172</b>	<b>8,940</b>	<b>--</b>	<b>113,422</b>

See footnotes at end of table.

**Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-April 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 .....	—	—	—	51	—	—	—	—
Australia .....	0	—	—	0	—	—	—	—
Bahamas .....	—	—	—	378	—	1,017	—	—
Bahrain .....	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	—	—	0	—	—
Belize .....	—	—	—	12	—	—	—	—
Brazil .....	—	—	—	120	—	—	—	—
Canada .....	112	—	—	1,047	—	3,713	—	—
Cayman Islands .....	—	—	—	6	—	1	—	—
Chile .....	—	—	—	805	—	674	—	—
China .....	0	—	—	0	—	5	—	—
Colombia .....	6	—	—	1	—	—	—	—
Costa Rica .....	—	—	—	402	—	—	—	—
Denmark .....	—	—	—	—	—	—	—	—
Dominican Republic .....	—	—	—	405	—	285	—	—
Ecuador .....	2	—	—	1	—	—	—	—
Egypt .....	0	—	—	—	—	—	—	—
El Salvador .....	0	—	—	67	—	0	—	—
Finland .....	—	—	—	—	—	0	—	—
France .....	—	—	—	—	—	0	—	—
Germany .....	—	—	—	—	—	4	—	—
Ghana .....	—	—	—	—	—	—	—	—
Gibraltar .....	—	—	—	—	—	—	—	—
Greece .....	—	—	—	—	—	—	—	—
Guatemala .....	—	—	—	337	—	—	—	—
Honduras .....	0	—	—	105	—	75	—	—
Hong Kong .....	—	—	—	—	—	0	—	—
India .....	—	—	—	—	—	3	—	—
Indonesia .....	—	—	—	—	—	0	—	—
Ireland .....	—	—	—	—	—	—	—	—
Israel .....	0	—	—	333	—	—	—	—
Italy .....	—	—	—	—	—	—	—	—
Jamaica .....	0	—	—	61	—	185	—	—
Japan .....	—	—	—	0	—	—	—	—
Korea, South .....	—	—	—	0	—	0	—	—
Lebanon .....	—	—	—	—	—	507	—	—
Mexico .....	543	—	—	3,573	—	1,818	—	—
Montenegro .....	—	—	—	—	—	—	—	—
Morocco .....	—	—	—	—	—	—	—	—
Mozambique .....	—	—	—	—	—	—	—	—
Netherlands .....	0	—	—	—	—	646	—	—
New Zealand .....	0	—	—	0	—	0	—	—
Nicaragua .....	56	—	—	42	—	—	—	—
Nigeria .....	—	—	—	0	—	—	—	—
Norway .....	—	—	—	—	—	—	—	—
Pakistan .....	—	—	—	—	—	—	—	—
Panama .....	0	—	—	465	—	671	—	—
Peru .....	5	—	—	197	—	1	—	—
Philippines .....	—	—	—	—	—	0	—	—
Portugal .....	—	—	—	—	—	—	—	—
Puerto Rico .....	—	—	—	0	—	—	—	—
Romania .....	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	—	—	2,062	—	—
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—
Singapore .....	7	—	—	—	—	1,569	—	—
South Africa .....	—	—	—	—	—	0	—	—
Spain .....	—	—	—	—	—	—	—	—
Switzerland .....	—	—	—	—	—	—	—	—
Taiwan .....	—	—	—	0	—	0	—	—
Thailand .....	—	—	—	0	—	0	—	—
Trinidad and Tobago .....	—	—	—	0	—	—	—	—
Turkey .....	—	—	—	—	—	—	—	—
United Arab Emirates .....	1	—	—	1	—	0	—	—
United Kingdom .....	0	—	—	0	—	0	—	—
Venezuela .....	0	—	—	—	—	—	—	—
Other .....	4	—	—	599	—	585	—	—
<b>Total .....</b>	<b>736</b>	<b>—</b>	<b>—</b>	<b>9,008</b>	<b>—</b>	<b>13,821</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-April 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	184	0	1,470	1,479	0	12	12
Australia .....	5	717	2	20	2	1,947	4,173	19	16	35
Bahamas .....	—	—	5	9	1	3,666	3,666	—	31	31
Bahrain .....	—	—	—	1	—	1	1	—	0	0
Belgium .....	0	467	0	1,656	3	4,636	5,878	10	39	49
Belize .....	—	—	—	4	—	473	473	—	4	4
Brazil .....	4	6,126	0	1,307	2	39,876	49,718	82	332	414
Canada .....	417	1,802	623	992	28	62,509	103,114	338	521	859
Cayman Islands .....	—	—	8	4	0	371	371	—	3	3
Chile .....	2	2	156	281	0	20,430	23,285	24	170	194
China .....	8	13,165	4	82	2	40,807	76,982	301	340	642
Colombia .....	1	—	0	412	2	9,338	11,100	15	78	93
Costa Rica .....	1	428	164	69	0	7,431	7,431	—	62	62
Denmark .....	0	353	—	0	—	556	3,226	22	5	27
Dominican Republic .....	0	726	217	68	1	8,066	11,022	25	67	92
Ecuador .....	0	871	0	164	0	11,042	11,042	—	92	92
Egypt .....	—	574	—	2	—	3,747	3,747	—	31	31
El Salvador .....	0	301	0	101	—	4,486	4,486	—	37	37
Finland .....	—	—	—	2	—	1,196	1,196	—	10	10
France .....	1	763	—	3	0	4,791	14,206	78	40	118
Germany .....	15	17	10	40	0	275	8,123	65	2	68
Ghana .....	—	—	—	2	—	2	2	—	0	0
Gibraltar .....	—	—	—	—	—	3,729	3,729	—	31	31
Greece .....	—	807	—	1	—	809	809	—	7	7
Guatemala .....	1	619	—	89	—	13,584	13,584	—	113	113
Honduras .....	0	231	42	52	0	7,147	7,147	—	60	60
Hong Kong .....	1	0	—	3	0	8	8	—	0	0
India .....	4	2,288	1	514	0	24,653	73,732	409	205	614
Indonesia .....	0	0	4	6	0	18,629	19,242	5	155	160
Ireland .....	—	352	—	1	0	353	2,863	21	3	24
Israel .....	0	134	—	55	0	580	580	—	5	5
Italy .....	6	2,588	0	3	1	3,842	15,427	97	32	129
Jamaica .....	0	0	0	30	0	1,213	1,213	—	10	10
Japan .....	2	5,463	3	31	15	60,333	62,343	17	503	520
Korea, South .....	1	3	2	30	2	20,233	59,819	330	169	498
Lebanon .....	—	—	—	3	—	510	510	—	4	4
Mexico .....	78	8,727	786	3,773	52	130,476	130,476	—	1,087	1,087
Montenegro .....	—	—	—	0	—	0	0	—	0	0
Morocco .....	—	1,686	—	0	—	7,451	7,451	—	62	62
Mozambique .....	—	307	—	0	—	307	307	—	3	3
Netherlands .....	29	1,679	5	75	1	14,548	50,474	299	121	421
New Zealand .....	0	215	197	3	—	415	415	—	3	3
Nicaragua .....	—	0	—	23	—	1,343	2,065	6	11	17
Nigeria .....	0	—	0	5	—	3,816	3,816	—	32	32
Norway .....	0	340	—	4	—	4,764	7,624	24	40	64
Pakistan .....	0	290	1	0	0	291	291	—	2	2
Panama .....	1	—	59	275	0	11,715	13,115	12	98	109
Peru .....	0	1	0	270	0	14,425	16,641	18	120	139
Philippines .....	0	0	0	7	1	1,081	1,081	—	9	9
Portugal .....	0	165	—	1	—	4,918	6,372	12	41	53
Puerto Rico .....	0	—	2	50	—	219	219	—	2	2
Romania .....	—	72	—	1	—	73	73	—	1	1
Saudi Arabia .....	0	137	—	23	—	2,435	2,435	—	20	20
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—	—	—
Singapore .....	0	0	1	143	0	11,119	26,311	127	93	219
South Africa .....	0	236	—	205	—	1,220	1,220	—	10	10
Spain .....	2	2,958	—	6	0	4,322	11,719	62	36	98
Switzerland .....	—	—	—	0	0	2,497	4,609	18	21	38
Taiwan .....	1	2	1	22	1	1,003	23,436	187	8	195
Thailand .....	1	—	1	14	1	25	6,553	54	0	55
Trinidad and Tobago .....	—	1	—	35	0	1,438	1,438	—	12	12
Turkey .....	0	1,983	0	96	1	8,398	8,398	—	70	70
United Arab Emirates .....	0	533	1	127	0	667	667	—	6	6
United Kingdom .....	4	156	0	4	3	6,191	30,739	205	52	256
Venezuela .....	—	—	—	14	—	40	40	—	0	0
Other .....	3	1,841	40	271	6	22,974	32,731	81	192	273
<b>Total .....</b>	<b>589</b>	<b>60,126</b>	<b>2,335</b>	<b>11,668</b>	<b>125</b>	<b>640,910</b>	<b>996,443</b>	<b>2,963</b>	<b>5,341</b>	<b>8,304</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, April 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>848</b>	<b>-13</b>	<b>-</b>	<b>36</b>	<b>-</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>5</b>
Algeria	68	-	-	-	-	0	0	-	-	-
Angola	21	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	2	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	175	-	-	-	-	-	-	-	-	-
Kuwait	62	-	-	-	-	-	-	-	-	-
Libya	122	-	-	2	-	-	-	-	-	-
Nigeria	110	-15	-	0	-	-	-	-	1	1
Saudi Arabia	291	-	-	35	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	5	5
Venezuela	-	0	-	-	-	-	-	0	-	0
<b>Non-OPEC</b>	<b>1,687</b>	<b>-2,331</b>	<b>16</b>	<b>174</b>	<b>-</b>	<b>-564</b>	<b>-564</b>	<b>217</b>	<b>550</b>	<b>767</b>
Argentina	17	-	-	-1	-	-	-	-	12	12
Aruba	-	-1	-	-	-	-	-	-	-	-
Australia	-	-19	-	0	-	0	0	0	-	0
Bahamas	-	-1	-	0	-	-2	-2	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-17	-13	-	0	-	6	6	6	47	52
Brazil	-146	-113	-	-78	-	10	10	0	65	65
Brunei	17	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,118	-168	16	-53	-	6	6	93	14	107
Chad	-	-	-	-	-	-	-	-	-	-
China	-202	-245	-	0	-	0	0	-	-	-
Colombia	219	0	-	-55	-	-7	-7	0	-4	-4
Denmark	-66	-	-	-	-	2	2	1	2	3
Dominican Republic	-33	-28	-	0	-	0	0	-	-	-
Ecuador	238	-74	-	8	-	-29	-29	-	0	0
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-31	-	0	-	2	2	-	44	44
France	-48	-37	-	-1	-	5	5	18	14	32
Germany	-85	-	-	0	-	0	0	-	3	3
Guatemala	-	-14	-	0	-	-65	-65	-	-	-
Honduras	-	-10	-	-	-	-23	-23	-	-	-
India	-370	-226	-	0	-	7	7	-	61	61
Indonesia	-	-97	-	0	-	-	-	-	-	-
Italy	-138	-	-	4	-	9	9	1	34	35
Japan	-43	-354	-	-22	-	0	0	0	6	6
Korea, South	-348	-156	-	-6	-	4	4	0	29	29
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	0	0
Malaysia	-	-	-	0	-	-	-	-	-	-
Mexico	594	-122	-	26	-	-461	-461	0	-50	-50
Netherlands	-425	-85	-	-42	-	54	54	58	68	126
Norway	23	-40	-	-	-	1	1	3	5	8
Oman	-	-	-	0	-	-	-	-	-	-
Panama	-	-3	-	0	-	-33	-33	-	-	-
Portugal	-	-8	-	-	-	-	-	18	26	44
Puerto Rico	-	-1	-	0	-	0	0	0	0	0
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	182	0	-	419	-	11	11	4	51	55
Spain	-75	0	-	-	-	9	9	1	28	29
Sweden	-	-14	-	1	-	1	1	1	12	13
Trinidad and Tobago	36	0	-	0	-	-	-	-	-	-
United Kingdom	-253	-39	-	-16	-	3	3	14	12	26
Vietnam	-	-	-	-	-	-	-	-	0	0
Virgin Islands, U.S.	-47	-9	-	1	-	0	0	-	2	2
Yemen	-	-	-	-	-	-	-	-	-	-
Other	-461	-423	0	-11	-	-74	-74	-1	69	69
<b>Total</b>	<b>2,535</b>	<b>-2,344</b>	<b>16</b>	<b>210</b>	<b>-</b>	<b>-564</b>	<b>-564</b>	<b>217</b>	<b>555</b>	<b>772</b>
<b>Persian Gulf<sup>2</sup></b>	<b>528</b>	<b>-</b>	<b>-</b>	<b>35</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5</b>	<b>5</b>

See footnotes at end of table.

**Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, April 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>	--	--	-2	-	-	-	12	-	-	-	12
Algeria	--	--	-	-	-	-	-	-	-	-	-
Angola	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	--	--	-	-	-	-	-	-	-	-	-
Equatorial Guinea	--	--	0	-	-	-	-	-	-	-	-
Gabon	--	--	-	-	-	-	-	-	-	-	-
Iran	--	--	-	-	-	-	-	-	-	-	-
Iraq	--	--	-	-	-	-	0	-	-	-	0
Kuwait	--	--	0	-	-	-	-	-	-	-	-
Libya	--	--	-	-	-	-	-	-	-	-	-
Nigeria	--	--	-	-	-	-	8	-	-	-	8
Saudi Arabia	--	--	-2	-	-	-	1	-	-	-	1
United Arab Emirates	--	--	-	-	-	-	3	-	-	-	3
Venezuela	--	--	-	-	-	-	-1	-	-	-	-1
<b>Non-OPEC</b>	--	--	-88	0	34	-	-712	-123	-112	-	-947
Argentina	--	--	-	-	-	-	-12	-10	-	-	-22
Aruba	--	--	0	-	-	-	0	-	-	-	0
Australia	--	--	-1	0	-	-	-	-	-	-	-
Bahamas	--	--	0	-	-	-	-3	-	-10	-	-13
Bahrain	--	--	0	-	-	-	-	-	-	-	-
Belgium	--	--	0	-	-	-	0	-	-	-	0
Brazil	--	--	0	-	-	-	-25	-18	-	-	-44
Brunei	--	--	-	-	-	-	-	-	-	-	-
Cameroon	--	--	-	-	-	-	-	-	-	-	-
Canada	--	--	-22	-7	-	-	134	-33	-4	-	96
Chad	--	--	-	-	-	-	-	-	-	-	-
China	--	--	-9	-	-	-	0	-	-	-	0
Colombia	--	--	-1	-	-	-	-23	-	-	-	-23
Denmark	--	--	-	-	-	-	-	-1	-	-	-1
Dominican Republic	--	--	0	-	-	-	-9	0	-10	-	-20
Ecuador	--	--	0	-	-	-	-7	-	-	-	-7
Estonia	--	--	-	-	-	-	-	-	-	-	-
Finland	--	--	-9	-	-	-	0	-	-	-	0
France	--	--	0	-	-	-	0	-	-	-	0
Germany	--	--	0	7	-	-	-	-	-	-	-
Guatemala	--	--	-	-	-	-	-23	-5	-15	-	-43
Honduras	--	--	-	-	-	-	-31	-	-	-	-31
India	--	--	-13	-	-	-	19	-	-	-	19
Indonesia	--	--	0	-	-	-	2	-	-	-	2
Italy	--	--	0	-	-	-	-	-	-	-	-
Japan	--	--	0	-	-	-	0	-	-	-	0
Korea, South	--	--	-18	0	-	-	0	10	-	-	11
Latvia	--	--	-	-	-	-	-	-	-	-	-
Lithuania	--	--	-	-	-	-	0	-	-	-	0
Malaysia	--	--	-	-	-	-	-	-	-	-	-
Mexico	--	--	-3	-	-	-	-315	-	0	-	-315
Netherlands	--	--	-1	-2	-	-	-10	-10	-16	-	-36
Norway	--	--	0	-	-	-	-	-	-	-	-
Oman	--	--	0	-	-	-	2	-	-	-	2
Panama	--	--	0	-	-	-	-63	-22	-	-	-85
Portugal	--	--	-	-	-	-	-	-	-	-	-
Puerto Rico	--	--	0	-	-	-	0	-	-	-	0
Qatar	--	--	-	-	-	-	14	-	-	-	14
Russia	--	--	-	-	-	-	3	-	-	-	3
Spain	--	--	-	2	-	-	-	-	-	-	-
Sweden	--	--	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	--	--	-	-	-	-	-10	-	-	-	-10
United Kingdom	--	--	-2	-	-	-	-27	-	-	-	-27
Vietnam	--	--	-	-	-	-	0	-	-	-	0
Virgin Islands, U.S.	--	--	-	-	-	-	-7	-10	-5	-	-21
Yemen	--	--	-	-	-	-	-	-	-	-	-
Other	--	--	-9	0	34	-	-321	-24	-52	-	-396
<b>Total</b>	--	--	-90	0	34	-	-700	-123	-112	-	-935
<b>Persian Gulf<sup>2</sup></b>	--	--	-2	-	-	-	18	-	-	-	18

See footnotes at end of table.

**Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, April 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> .....	0	-	-	29	1	-57	-	-
Algeria .....	-	-	-	1	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-
Iraq .....	0	-	-	0	-	-	-	-
Kuwait .....	-	-	-	5	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	1	-57	-	-
United Arab Emirates .....	0	-	-	24	-	-	-	-
Venezuela .....	0	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-9	3	-	38	13	31	10	3
Argentina .....	-	-	-	-2	-	-	-	-
Aruba .....	0	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-2	-	-9	-	-
Bahrain .....	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	0	-	-
Brazil .....	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-
Canada .....	0	1	-	4	3	-13	3	2
Chad .....	-	-	-	-	-	-	-	-
China .....	0	-	-	-	-	0	-	-
Colombia .....	0	-	-	-	-	4	-	-
Denmark .....	-	-	-	-	-	-	-	-
Dominican Republic .....	-	-	-	-4	-	-	-	-
Ecuador .....	0	-	-	-	-	4	-	-
Estonia .....	-	2	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	1
Germany .....	-	-	-	-	-	0	-	-
Guatemala .....	-	-	-	-4	-	-	-	-
Honduras .....	-	-	-	-2	-	-	-	-
India .....	-	-	-	5	-	18	-	-
Indonesia .....	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-
Japan .....	-	-	-	-	3	-	-	-
Korea, South .....	-	-	-	94	6	0	-	-
Latvia .....	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-
Mexico .....	-8	-	-	-37	-	41	6	-
Netherlands .....	0	-	-	-	-	-13	-	-
Norway .....	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-
Panama .....	0	-	-	-1	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-
Puerto Rico .....	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	16	-	-
Spain .....	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	0	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	0	-
Vietnam .....	-	-	-	0	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	7	-	13	-	-
Yemen .....	-	-	-	-	-	-	-	-
Other .....	-1	0	-	-20	1	-30	1	0
<b>Total</b> .....	-9	3	-	68	15	-27	10	3
<b>Persian Gulf<sup>2</sup></b> .....	0	-	-	29	1	-57	-	-

See footnotes at end of table.

**Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, April 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>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>17</b>	<b>865</b>
Algeria	—	—	—	—	—	0	68
Angola	—	—	—	0	—	0	21
Congo (Brazzaville)	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	2	2
Gabon	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—
Iraq	—	—	—	0	—	0	175
Kuwait	0	—	—	0	—	4	66
Libya	—	—	—	0	—	2	123
Nigeria	—	—	—	0	—	-6	104
Saudi Arabia	—	0	—	2	—	-20	271
United Arab Emirates	0	0	0	3	0	36	36
Venezuela	—	—	—	0	—	-1	-1
<b>Non-OPEC</b>	<b>3</b>	<b>-537</b>	<b>41</b>	<b>-53</b>	<b>-1</b>	<b>-3,395</b>	<b>-1,708</b>
Argentina	0	9	—	0	—	-4	12
Aruba	—	—	0	0	—	-1	-1
Australia	0	-3	—	0	0	-24	-24
Bahamas	—	—	0	0	0	-26	-26
Bahrain	—	—	—	3	—	3	3
Belgium	0	-8	0	-8	0	29	12
Brazil	0	-61	—	-10	0	-230	-377
Brunei	—	—	—	0	—	0	17
Cameroon	—	—	0	0	—	0	0
Canada	-1	-20	49	2	0	5	3,123
Chad	—	—	—	—	—	—	—
China	2	-102	0	-1	0	-356	-557
Colombia	0	—	0	-5	0	-90	129
Denmark	0	—	—	—	—	4	-61
Dominican Republic	0	-6	-1	-1	0	-60	-93
Ecuador	0	-8	0	0	—	-107	131
Estonia	—	—	—	—	—	2	2
Finland	—	—	—	0	—	7	7
France	0	-1	—	1	—	0	-48
Germany	0	0	0	-1	—	9	-76
Guatemala	0	-6	—	-1	—	-132	-132
Honduras	0	—	—	0	—	-66	-66
India	0	-23	0	-4	0	-156	-526
Indonesia	0	0	0	4	0	-91	-91
Italy	0	-33	—	0	0	15	-123
Japan	0	-57	0	0	0	-424	-467
Korea, South	0	0	0	4	0	-33	-381
Latvia	0	—	—	0	—	0	0
Lithuania	—	0	—	0	—	0	0
Malaysia	1	0	0	0	0	1	1
Mexico	-1	-68	-4	-40	-1	-1,037	-443
Netherlands	0	-20	0	6	0	-12	-437
Norway	—	-6	—	0	—	-36	-13
Oman	—	—	—	0	—	2	2
Panama	0	—	—	-1	0	-123	-123
Portugal	—	—	—	0	—	36	36
Puerto Rico	0	—	0	0	—	-2	-2
Qatar	—	—	—	11	—	25	25
Russia	—	—	0	1	—	506	688
Spain	0	-17	—	0	0	23	-53
Sweden	0	0	—	0	—	0	0
Trinidad and Tobago	—	—	—	-1	—	-11	26
United Kingdom	1	-2	—	0	0	-56	-309
Vietnam	0	—	—	0	—	0	0
Virgin Islands, U.S.	—	—	0	0	0	-6	-53
Yemen	—	—	—	0	—	0	0
Other	1	-105	-3	-12	0	-979	-1,440
<b>Total</b>	<b>3</b>	<b>-537</b>	<b>41</b>	<b>-48</b>	<b>-1</b>	<b>-3,378</b>	<b>-843</b>
<b>Persian Gulf<sup>2</sup></b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>19</b>	<b>0</b>	<b>47</b>	<b>575</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-April 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>665</b>	<b>-23</b>	<b>-</b>	<b>14</b>	<b>-</b>	<b>-3</b>	<b>-3</b>	<b>0</b>	<b>22</b>	<b>22</b>
Algeria	43	-	-	0	-	0	0	-	3	3
Angola	30	-	-	-	-	-	-	-	5	5
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	1	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	0	0
Iran	9	-	-	-	-	-	-	-	-	-
Iraq	130	-	-	4	-	-	-	-	-	-
Kuwait	21	0	-	-	-	0	0	-	-	-
Libya	73	-	-	1	-	-	-	-	-	-
Nigeria	95	-25	-	1	-	-4	-4	-	9	9
Saudi Arabia	266	-	-	9	-	1	1	-	2	2
United Arab Emirates	-	0	-	0	-	0	0	-	3	3
Venezuela	-	0	-	0	-	0	0	0	0	0
<b>Non-OPEC</b>	<b>2,120</b>	<b>-2,095</b>	<b>18</b>	<b>140</b>	<b>-</b>	<b>-636</b>	<b>-636</b>	<b>193</b>	<b>393</b>	<b>586</b>
Argentina	17	0	-	-3	-	-	-	-	3	3
Aruba	-	0	-	0	-	-1	-1	-	-	-
Australia	-19	-10	-	0	-	0	0	0	0	0
Bahamas	-	-5	-	0	-	-2	-2	0	0	0
Bahrain	-	-	-	-	-	0	0	-	-	-
Belgium	-10	-12	-	-5	-	2	2	5	21	26
Brazil	-26	-56	-	-89	-	-22	-22	0	22	22
Brunei	17	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	0	0	-	-	-
Canada	3,354	-121	18	-45	-	6	6	113	21	133
Chad	-	-	-	-	-	-	-	-	-	-
China	-301	-212	-	0	-	0	0	-	0	0
Colombia	173	0	-	-29	-	-28	-28	0	-2	-2
Denmark	-22	-	-	-1	-	1	1	1	1	1
Dominican Republic	-25	-34	-	0	-	-5	-5	-	-	-
Ecuador	161	-41	-	4	-	-27	-27	-	0	0
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-8	-	1	-	1	1	-	35	35
France	-78	-32	-	-1	-	1	1	13	15	28
Germany	-65	-1	-	0	-	0	0	-	1	1
Guatemala	2	-15	-	0	-	-50	-50	-	-	-
Honduras	-	-15	-	0	-	-17	-17	-	0	0
India	-409	-162	-	0	-	3	3	-	47	47
Indonesia	-5	-144	-	0	-	-	-	-	-	-
Italy	-97	-8	-	3	-	6	6	0	26	26
Japan	-17	-407	-	-48	-	0	0	0	2	2
Korea, South	-330	-117	-	-31	-	5	5	0	17	17
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	2	2	-	0	0
Malaysia	-	-	-	0	-	0	0	-	-	-
Mexico	561	-174	0	27	-	-440	-440	0	-33	-34
Netherlands	-299	-64	-	-22	-	20	20	34	44	78
Norway	18	-30	-	2	-	1	1	5	3	8
Oman	-	-	-	0	-	-	-	-	0	0
Panama	-12	-2	-	0	-	-25	-25	0	0	0
Portugal	-12	-40	-	-	-	1	1	7	25	32
Puerto Rico	-	-1	-	0	-	0	0	0	0	0
Qatar	-	-	-	0	-	0	0	-	-	-
Russia	136	0	-	369	-	13	13	1	48	49
Spain	-62	-11	-	0	-	3	3	0	23	23
Sweden	-12	-9	-	0	-	1	1	0	14	14
Trinidad and Tobago	39	0	-	0	-	0	0	-	-	-
United Kingdom	-163	-32	-	-6	-	0	0	16	16	32
Vietnam	-4	0	-	0	-	0	0	0	0	0
Virgin Islands, U.S.	-65	-6	-	11	-	-2	-2	-	7	7
Yemen	-	-	-	-	-	-	-	-	-	-
Other	-325	-326	0	3	-	-83	-83	-2	37	38
<b>Total</b>	<b>2,785</b>	<b>-2,118</b>	<b>18</b>	<b>155</b>	<b>-</b>	<b>-639</b>	<b>-639</b>	<b>193</b>	<b>414</b>	<b>608</b>
<b>Persian Gulf<sup>2</sup></b>	<b>426</b>	<b>0</b>	<b>-</b>	<b>13</b>	<b>-</b>	<b>1</b>	<b>1</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-April 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>	--	--	-4	-	-	-	38	-	-	-	38
Algeria	--	--	-	-	-	-	-	-	-	-	-
Angola	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	--	--	-	-	-	-	-	-	-	-	-
Equatorial Guinea	--	--	0	-	-	-	-	-	-	-	-
Gabon	--	--	-	-	-	-	0	-	-	-	0
Iran	--	--	-	-	-	-	-	-	-	-	-
Iraq	--	--	-	-	-	-	0	-	-	-	0
Kuwait	--	--	0	-	-	-	-	-	-	-	-
Libya	--	--	-	-	-	-	0	-	-	-	0
Nigeria	--	--	-3	-	-	-	13	-	-	-	13
Saudi Arabia	--	--	-2	-	-	-	18	-	-	-	18
United Arab Emirates	--	--	0	-	-	-	8	-	-	-	8
Venezuela	--	--	0	-	-	-	0	-	-	-	0
<b>Non-OPEC</b>	--	--	-98	2	28	-	-495	-71	-71	-	-637
Argentina	--	--	0	-	-	-	-5	-3	-	-	-7
Aruba	--	--	0	-	-	-	0	-	0	-	0
Australia	--	--	0	0	-	-	0	-	-	-	0
Bahamas	--	--	0	-	-	-	-4	-	-7	-	-11
Bahrain	--	--	0	-	-	-	3	-	-	-	3
Belgium	--	--	0	-	-	-	3	-	-	-	3
Brazil	--	--	-6	-	-	-	-80	-11	-1	-	-92
Brunei	--	--	-	-	-	-	-	-	-	-	-
Cameroon	--	--	-	-	-	-	-	-	-	-	-
Canada	--	--	-20	1	-	-	150	-15	-3	-	132
Chad	--	--	-	-	-	-	-	-	-	-	-
China	--	--	-17	-	-	-	0	-	0	-	0
Colombia	--	--	-4	-	-	-	10	-	-	-	10
Denmark	--	--	-	-	-	-	0	0	-	-	-1
Dominican Republic	--	--	0	-	-	-	-8	0	-5	-	-13
Ecuador	--	--	0	-	-	-	-7	-4	-1	-	-12
Estonia	--	--	-	-	-	-	-	-	-	-	-
Finland	--	--	-2	-	-	-	0	-	-	-	0
France	--	--	-1	-	-	-	0	-	-	-	0
Germany	--	--	0	2	-	-	0	-	-	-	0
Guatemala	--	--	0	-	-	-	-24	-3	-11	-	-39
Honduras	--	--	0	-	-	-	-24	-	-	-	-24
India	--	--	-20	-	-	-	29	-	0	-	29
Indonesia	--	--	0	-	-	-	-10	-	-	-	-10
Italy	--	--	0	-	-	-	-	-2	-	-	-2
Japan	--	--	0	-	-	-	0	-	-	-	0
Korea, South	--	--	-12	1	-	-	-3	5	-	-	3
Latvia	--	--	-	-	-	-	-	-	-	-	-
Lithuania	--	--	-	-	-	-	0	-	-	-	0
Malaysia	--	--	0	-	-	-	-9	-	-	-	-9
Mexico	--	--	-2	0	-	-	-261	0	0	-	-261
Netherlands	--	--	0	-1	-	-	24	-3	-4	-	18
Norway	--	--	-1	-	-	-	-1	-	-	-	-1
Oman	--	--	0	-	-	-	13	-	-	-	13
Panama	--	--	0	-	-	-	-46	-12	-	-	-58
Portugal	--	--	-	-	-	-	0	-	-	-	0
Puerto Rico	--	--	0	-	-	-	0	0	0	-	0
Qatar	--	--	0	-	-	-	10	-	-	-	10
Russia	--	--	-	-	-	-	27	0	-	-	27
Spain	--	--	0	0	-	-	-	-	-	-	-
Sweden	--	--	-1	-	-	-	0	-	-	-	0
Trinidad and Tobago	--	--	0	-	-	-	-7	-4	-	-	-12
United Kingdom	--	--	-1	-	-	-	-10	-	-	-	-10
Vietnam	--	--	-	-	-	-	0	-	-	-	0
Virgin Islands, U.S.	--	--	0	-	-	-	-3	-4	2	-	-5
Yemen	--	--	-	-	-	-	-	-	-	-	-
Other	--	--	-11	-1	28	-	-262	-15	-41	-	-318
<b>Total</b>	--	--	-102	2	28	-	-456	-71	-71	-	-599
<b>Persian Gulf<sup>2</sup></b>	--	--	-2	-	-	-	38	-	-	-	38

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-April 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>15</b>	<b>1</b>	<b>-17</b>	<b>0</b>	<b>-</b>
Algeria .....	-	-	-	6	-	0	-	-
Angola .....	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	0	-	-
Iran .....	-	-	-	-	-	-	-	-
Iraq .....	0	-	-	0	-	-	-	-
Kuwait .....	-	-	-	1	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	0	-	-	0	-
Saudi Arabia .....	-	-	-	-	1	-17	-	-
United Arab Emirates .....	0	-	-	8	-	0	-	-
Venezuela .....	0	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	<b>-6</b>	<b>1</b>	<b>-</b>	<b>28</b>	<b>9</b>	<b>68</b>	<b>14</b>	<b>3</b>
Argentina .....	-	-	-	0	-	-	-	1
Aruba .....	0	-	-	-1	-	-	-	-
Australia .....	0	-	-	0	-	-	-	-
Bahamas .....	-	-	-	-3	-	-5	-	-
Bahrain .....	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	0	1	-
Brazil .....	-	-	-	-1	1	2	-	-
Brunei .....	-	-	-	3	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-
Canada .....	-1	0	-	1	2	-12	3	2
Chad .....	-	-	-	-	-	-	-	-
China .....	0	-	-	0	-	0	-	-
Colombia .....	0	-	-	1	-	4	-	-
Denmark .....	-	-	-	-	-	-	-	-
Dominican Republic .....	-	-	-	-3	-	-2	-	-
Ecuador .....	0	-	-	0	-	5	-	-
Estonia .....	-	0	-	-	-	1	-	-
Finland .....	-	-	-	-	-	0	-	-
France .....	-	-	-	-	-	0	0	1
Germany .....	-	-	-	-	-	0	-	-
Guatemala .....	-	-	-	-3	-	-	-	-
Honduras .....	0	-	-	-1	-	-1	-	-
India .....	-	-	-	6	1	4	-	-
Indonesia .....	-	-	-	-	-	0	-	-
Italy .....	-	-	-	4	-	-	-	-
Japan .....	-	-	-	0	1	-	1	-
Korea, South .....	-	-	-	73	4	0	1	-
Latvia .....	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-
Malaysia .....	0	-	-	-	-	0	-	-
Mexico .....	-5	-	-	-30	-	38	4	-
Netherlands .....	0	1	-	-	-	-3	-	-
Norway .....	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-
Panama .....	0	-	-	-4	-	-4	-	-
Portugal .....	-	-	-	-	-	-	-	-
Puerto Rico .....	-	-	-	0	-	-	-	-
Qatar .....	0	-	-	0	-	0	-	-
Russia .....	-	-	-	-	-	40	1	-
Spain .....	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	0	-	-	-	-
United Kingdom .....	0	-	-	0	-	0	0	-
Vietnam .....	0	-	-	0	-	-	-	-
Virgin Islands, U.S. ....	0	-	-	4	-	11	1	-
Yemen .....	-	-	-	-	-	-	-	-
Other .....	0	0	-	-18	0	-10	2	-1
<b>Total</b> .....	<b>-6</b>	<b>1</b>	<b>-</b>	<b>43</b>	<b>10</b>	<b>51</b>	<b>14</b>	<b>3</b>
<b>Persian Gulf<sup>2</sup></b> .....	<b>0</b>	<b>-</b>	<b>-</b>	<b>9</b>	<b>1</b>	<b>-17</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-April 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>-4</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>42</b>	<b>707</b>
Algeria	--	--	--	0	--	9	52
Angola	--	--	--	0	--	5	35
Congo (Brazzaville)	--	--	--	--	--	--	0
Equatorial Guinea	--	0	--	0	--	1	1
Gabon	--	--	--	--	--	1	1
Iran	--	--	--	--	--	--	9
Iraq	--	--	--	0	--	4	134
Kuwait	0	1	--	0	--	2	23
Libya	--	--	--	0	--	1	73
Nigeria	0	--	0	0	--	-9	86
Saudi Arabia	0	-1	--	1	--	11	277
United Arab Emirates	0	-4	0	3	0	17	17
Venezuela	--	--	--	0	--	0	0
<b>Non-OPEC</b>	<b>2</b>	<b>-487</b>	<b>23</b>	<b>-57</b>	<b>-1</b>	<b>-3,094</b>	<b>-974</b>
Argentina	0	4	0	-1	0	-4	13
Aruba	--	--	0	0	--	-3	-3
Australia	0	-6	0	0	0	-16	-35
Bahamas	--	--	0	0	0	-27	-27
Bahrain	--	--	--	2	--	5	5
Belgium	0	-4	0	-13	0	-2	-12
Brazil	0	-50	0	-11	0	-303	-329
Brunei	--	--	--	0	--	3	19
Cameroon	--	-1	0	0	--	-1	-1
Canada	-1	-14	35	2	0	122	3,477
Chad	--	--	--	0	--	0	0
China	1	-110	0	-1	0	-339	-640
Colombia	0	--	1	-3	0	-50	123
Denmark	0	-3	--	0	--	-3	-25
Dominican Republic	0	-6	-2	-1	0	-67	-92
Ecuador	0	-7	0	-1	0	-80	81
Estonia	--	--	--	--	--	2	2
Finland	--	--	--	0	--	27	27
France	0	-6	--	1	0	-10	-88
Germany	0	0	0	0	0	2	-63
Guatemala	0	-5	--	-1	--	-113	-111
Honduras	0	-2	0	0	0	-60	-60
India	0	-19	0	-4	0	-116	-525
Indonesia	0	0	0	2	0	-152	-157
Italy	0	-22	0	0	0	9	-87
Japan	0	-45	0	0	0	-497	-514
Korea, South	0	0	0	7	0	-50	-380
Latvia	0	--	--	0	--	0	0
Lithuania	0	0	--	0	0	2	2
Malaysia	1	0	0	0	0	-9	-9
Mexico	-1	-73	-7	-31	0	-988	-427
Netherlands	0	-14	0	1	0	13	-287
Norway	0	-3	--	0	--	-23	-5
Oman	--	0	--	0	--	14	14
Panama	0	--	0	-2	0	-96	-107
Portugal	0	-1	--	0	--	-8	-20
Puerto Rico	0	--	0	0	--	-2	-2
Qatar	0	-2	--	11	--	19	19
Russia	0	1	0	0	--	501	636
Spain	0	-25	1	0	0	-9	-71
Sweden	0	0	--	0	0	6	-6
Trinidad and Tobago	--	0	--	0	0	-12	27
United Kingdom	1	-1	0	0	0	-17	-180
Vietnam	0	0	0	0	0	0	-5
Virgin Islands, U.S.	--	--	0	0	0	21	-44
Yemen	--	--	--	0	--	0	0
Other	1	-73	-5	-14	-1	-783	-1,107
<b>Total</b>	<b>2</b>	<b>-491</b>	<b>23</b>	<b>-54</b>	<b>-1</b>	<b>-3,052</b>	<b>-267</b>
<b>Persian Gulf<sup>2</sup></b>	<b>0</b>	<b>-6</b>	<b>0</b>	<b>17</b>	<b>0</b>	<b>58</b>	<b>484</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, April 2021**  
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
<b>Crude Oil</b> .....	<b>8,888</b>	<b>133,827</b>	<b>907,066</b>	<b>25,336</b>	<b>48,041</b>	<b>1,123,158</b>
Refinery .....	6,524	13,444	49,315	2,650	20,594	92,527
Tank Farms and Pipelines (Includes Cushing, OK) ....	2,364	120,383	224,323	22,686	23,653	393,409
Cushing, Oklahoma .....	--	46,197	--	--	--	46,197
Leases .....	--	--	--	--	--	--
Strategic Petroleum Reserve <sup>1</sup> .....	--	--	633,428	--	--	633,428
Alaskan In Transit .....	--	--	--	--	3,794	3,794
<b>Total Stocks, All Oils (excluding Crude Oil)<sup>2</sup></b> .....	<b>152,332</b>	<b>158,264</b>	<b>376,285</b>	<b>25,119</b>	<b>87,622</b>	<b>799,623</b>
Refinery .....	11,378	45,540	118,896	11,490	44,229	231,533
Bulk Terminal .....	113,151	74,689	198,463	7,066	38,308	431,678
Pipeline .....	27,536	36,710	57,593	6,357	4,763	132,959
Natural Gas Processing Plant .....	267	1,325	1,333	206	322	3,453
<b>Natural Gas Liquids</b> .....	<b>7,032</b>	<b>34,267</b>	<b>125,385</b>	<b>5,526</b>	<b>3,052</b>	<b>175,263</b>
Refinery .....	433	2,374	5,004	297	1,397	9,505
Bulk Terminal .....	4,241	14,236	97,040	560	1,333	117,411
Pipeline .....	2,091	16,332	22,008	4,463	--	44,894
Natural Gas Processing Plant .....	267	1,325	1,333	206	322	3,453
<b>Ethane</b> .....	<b>1,267</b>	<b>6,255</b>	<b>61,098</b>	<b>1,188</b>	<b>--</b>	<b>69,808</b>
Refinery .....	--	--	12	--	--	12
Bulk Terminal .....	756	2,733	52,195	--	--	55,684
Pipeline .....	511	3,361	8,600	1,182	--	13,654
Natural Gas Processing Plant .....	--	161	291	6	--	458
<b>Propane</b> .....	<b>4,062</b>	<b>10,121</b>	<b>24,888</b>	<b>1,941</b>	<b>1,054</b>	<b>42,066</b>
Refinery .....	86	689	519	36	80	1,410
Bulk Terminal .....	2,586	5,201	17,258	167	905	26,117
Pipeline .....	1,254	3,678	6,834	1,660	--	13,426
Natural Gas Processing Plant .....	136	553	277	78	69	1,113
<b>Normal Butane</b> .....	<b>1,367</b>	<b>6,129</b>	<b>20,916</b>	<b>1,229</b>	<b>1,448</b>	<b>31,089</b>
Refinery .....	266	923	2,980	139	880	5,188
Bulk Terminal .....	816	3,583	15,210	385	426	20,420
Pipeline .....	238	1,486	2,521	651	--	4,896
Natural Gas Processing Plant .....	47	137	205	54	142	585
<b>Isobutane</b> .....	<b>138</b>	<b>2,000</b>	<b>8,035</b>	<b>441</b>	<b>504</b>	<b>11,118</b>
Refinery .....	81	465	1,030	99	434	2,109
Bulk Terminal .....	--	704	5,732	--	--	6,436
Pipeline .....	45	608	1,177	324	--	2,154
Natural Gas Processing Plant .....	12	223	96	18	70	419
<b>Natural Gasoline</b> .....	<b>198</b>	<b>9,762</b>	<b>10,448</b>	<b>727</b>	<b>46</b>	<b>21,182</b>
Refinery .....	--	297	463	23	3	786
Bulk Terminal .....	83	2,015	6,645	8	2	8,754
Pipeline .....	43	7,199	2,876	646	--	10,764
Natural Gas Processing Plant .....	72	251	464	50	41	878
<b>Refinery Olefins</b> .....	<b>140</b>	<b>468</b>	<b>1,072</b>	<b>122</b>	<b>25</b>	<b>1,827</b>
Refinery .....	140	468	1,072	122	25	1,827
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>348</b>	<b>617</b>	<b>2</b>	<b>11</b>	<b>1,092</b>
Refinery .....	114	348	617	2	11	1,092
Bulk Terminal .....	--	--	--	--	--	--
Pipeline .....	--	--	--	--	--	--
Natural Gas Processing Plant .....	--	--	--	--	--	--
<b>Normal Butylene</b> .....	<b>4</b>	<b>120</b>	<b>430</b>	<b>120</b>	<b>14</b>	<b>688</b>
Refinery .....	4	120	430	120	14	688
Bulk Terminal .....	--	--	--	--	--	--
Pipeline .....	--	--	--	--	--	--
Natural Gas Processing Plant .....	--	--	--	--	--	--
<b>Isobutylene</b> .....	<b>22</b>	<b>0</b>	<b>25</b>	<b>0</b>	<b>0</b>	<b>47</b>
Refinery .....	22	0	25	0	0	47
Bulk Terminal .....	--	--	--	--	--	--
Pipeline .....	--	--	--	--	--	--
Natural Gas Processing Plant .....	--	--	--	--	--	--
<b>Other Hydrocarbons</b> .....	<b>--</b>	<b>16</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>16</b>
Refinery .....	--	16	--	--	--	16
<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, April 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>8,329</b>	<b>9,035</b>	<b>6,418</b>	<b>533</b>	<b>4,082</b>	<b>28,398</b>
Refinery .....	224	126	330	114	478	1,272
Bulk Terminal .....	8,084	8,909	6,088	415	3,604	27,101
Pipeline .....	21	--	--	4	--	25
<b>Fuel Ethanol<sup>2</sup></b> .....	<b>7,059</b>	<b>8,011</b>	<b>4,651</b>	<b>386</b>	<b>2,238</b>	<b>22,344</b>
Refinery .....	214	93	211	107	166	791
Bulk Terminal .....	6,824	7,918	4,440	275	2,072	21,528
Pipeline .....	21	--	--	4	--	25
<b>Renewable Diesel Fuel<sup>5</sup></b> .....	<b>1,270</b>	<b>1,002</b>	<b>1,761</b>	<b>147</b>	<b>1,772</b>	<b>5,952</b>
Refinery .....	10	33	119	7	312	481
Bulk Terminal .....	1,260	969	1,642	140	1,460	5,471
Pipeline .....	--	--	--	--	--	--
<b>Other Renewable Fuels</b> .....	<b>--</b>	<b>22</b>	<b>7</b>	<b>--</b>	<b>72</b>	<b>101</b>
Refinery .....	--	--	--	--	--	--
Bulk Terminal .....	--	22	7	--	72	101
Pipeline .....	--	--	--	--	--	--
<b>Unfinished Oils</b> .....	<b>4,060</b>	<b>13,488</b>	<b>53,456</b>	<b>3,442</b>	<b>17,723</b>	<b>92,169</b>
<b>Naphthas and Lighter</b> .....	<b>1,004</b>	<b>3,380</b>	<b>11,822</b>	<b>908</b>	<b>3,345</b>	<b>20,459</b>
Refinery .....	931	3,351	10,316	908	3,084	18,590
Bulk Terminal .....	73	29	1,506	--	261	1,869
<b>Kerosene and Light Gas Oils</b> .....	<b>247</b>	<b>2,388</b>	<b>10,635</b>	<b>597</b>	<b>3,211</b>	<b>17,078</b>
Refinery .....	238	2,388	6,939	597	3,079	13,241
Bulk Terminal .....	9	--	3,696	--	132	3,837
<b>Heavy Gas Oils</b> .....	<b>2,176</b>	<b>4,950</b>	<b>24,349</b>	<b>1,465</b>	<b>8,934</b>	<b>41,874</b>
Refinery .....	1,892	4,850	20,612	1,465	8,281	37,100
Bulk Terminal .....	284	100	3,737	--	653	4,774
<b>Residuum</b> .....	<b>633</b>	<b>2,770</b>	<b>6,650</b>	<b>472</b>	<b>2,233</b>	<b>12,758</b>
Refinery .....	633	2,770	6,305	472	2,233	12,413
Bulk Terminal .....	--	--	345	--	--	345
<b>Motor Gasoline Blending Components<sup>2</sup></b> .....	<b>60,385</b>	<b>43,222</b>	<b>78,927</b>	<b>6,314</b>	<b>28,292</b>	<b>217,141</b>
Refinery .....	3,166	11,869	27,327	3,508	12,621	58,491
Bulk Terminal .....	46,624	22,491	34,557	1,961	13,181	118,815
Pipeline .....	10,595	8,862	17,043	845	2,490	39,835
<b>Reformulated - RBOB</b> .....	<b>18,502</b>	<b>5,831</b>	<b>9,688</b>	<b>--</b>	<b>14,190</b>	<b>48,212</b>
Refinery .....	848	859	1,649	--	4,118	7,474
Bulk Terminal .....	13,898	3,444	4,724	--	8,501	30,568
Pipeline .....	3,756	1,528	3,315	--	1,571	10,170
<b>Conventional</b> .....	<b>41,883</b>	<b>37,391</b>	<b>69,239</b>	<b>6,314</b>	<b>14,102</b>	<b>168,929</b>
Refinery .....	2,318	11,010	25,678	3,508	8,503	51,017
Bulk Terminal .....	32,726	19,047	29,833	1,961	4,680	88,247
Pipeline .....	6,839	7,334	13,728	845	919	29,665
<b>CBOB</b> .....	<b>25,369</b>	<b>29,471</b>	<b>36,235</b>	<b>5,003</b>	<b>7,139</b>	<b>103,217</b>
Refinery .....	281	5,059	10,399	2,200	2,350	20,289
Bulk Terminal .....	18,249	17,274	12,359	1,958	3,871	53,711
Pipeline .....	6,839	7,138	13,477	845	918	29,217
<b>GTAB</b> .....	<b>1,454</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>1,454</b>
Refinery .....	--	--	--	--	--	--
Bulk Terminal .....	1,454	--	--	--	--	1,454
Pipeline .....	--	--	--	--	--	--
<b>Other</b> .....	<b>15,060</b>	<b>7,920</b>	<b>33,004</b>	<b>1,311</b>	<b>6,963</b>	<b>64,258</b>
Refinery .....	2,037	5,951	15,279	1,308	6,153	30,728
Bulk Terminal .....	13,023	1,773	17,474	3	809	33,082
Pipeline .....	--	196	251	--	1	448
<b>Aviation Gasoline Blending Components</b> .....	<b>--</b>	<b>--</b>	<b>30</b>	<b>--</b>	<b>--</b>	<b>30</b>
Refinery .....	--	--	30	--	--	30
Bulk Terminal .....	--	--	--	--	--	--
<b>Finished Motor Gasoline</b> .....	<b>3,096</b>	<b>5,958</b>	<b>7,956</b>	<b>1,805</b>	<b>2,465</b>	<b>21,280</b>
Refinery .....	31	1,251	3,622	867	841	6,612
Bulk Terminal .....	1,031	1,664	3,399	681	1,529	8,304
Pipeline .....	2,034	3,043	935	257	95	6,364
<b>Reformulated</b> .....	<b>6</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>16</b>	<b>22</b>
Refinery .....	--	--	--	--	16	16
Bulk Terminal .....	6	--	--	--	--	6
Pipeline .....	--	--	--	--	--	--
<b>Reformulated (Blended with Fuel Ethanol)</b> .....	<b>6</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>16</b>	<b>22</b>
Refinery .....	--	--	--	--	16	16
Bulk Terminal .....	6	--	--	--	--	6
Pipeline .....	--	--	--	--	--	--

See footnotes at end of table.

**Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, April 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>3,090</b>	<b>5,958</b>	<b>7,956</b>	<b>1,805</b>	<b>2,449</b>	<b>21,258</b>
Refinery .....	31	1,251	3,622	867	825	6,596
Bulk Terminal .....	1,025	1,664	3,399	681	1,529	8,298
Pipeline .....	2,034	3,043	935	257	95	6,364
<b>Conventional (Blended with Fuel Ethanol)</b> .....	<b>—</b>	<b>183</b>	<b>—</b>	<b>59</b>	<b>9</b>	<b>251</b>
Refinery .....	—	—	—	57	—	57
Bulk Terminal .....	—	183	—	2	9	194
Pipeline .....	—	—	—	—	—	—
<b>Ed55 and Lower</b> .....	<b>—</b>	<b>183</b>	<b>—</b>	<b>59</b>	<b>—</b>	<b>242</b>
Refinery .....	—	—	—	57	—	57
Bulk Terminal .....	—	183	—	2	—	185
Pipeline .....	—	—	—	—	—	—
<b>Greater than Ed55</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Refinery .....	—	—	—	—	—	—
Bulk Terminal .....	—	—	—	—	9	9
Pipeline .....	—	—	—	—	—	—
<b>Conventional (Other)</b> .....	<b>3,090</b>	<b>5,775</b>	<b>7,956</b>	<b>1,746</b>	<b>2,440</b>	<b>21,007</b>
Refinery .....	31	1,251	3,622	810	825	6,539
Bulk Terminal .....	1,025	1,481	3,399	679	1,520	8,104
Pipeline .....	2,034	3,043	935	257	95	6,364
<b>Finished Aviation Gasoline</b> .....	<b>183</b>	<b>186</b>	<b>352</b>	<b>9</b>	<b>286</b>	<b>1,016</b>
Refinery .....	—	88	219	9	156	472
Bulk Terminal .....	183	98	133	—	130	544
Pipeline .....	—	—	—	—	—	—
<b>Kerosene-Type Jet Fuel</b> .....	<b>10,665</b>	<b>6,428</b>	<b>13,780</b>	<b>864</b>	<b>8,773</b>	<b>40,510</b>
Refinery .....	469	1,817	5,458	321	3,114	11,179
Bulk Terminal .....	6,031	3,110	4,279	456	4,943	18,819
Pipeline .....	4,165	1,501	4,043	87	716	10,512
<b>Kerosene</b> .....	<b>1,318</b>	<b>96</b>	<b>152</b>	<b>1</b>	<b>10</b>	<b>1,577</b>
Refinery .....	75	77	113	1	2	268
Bulk Terminal .....	1,239	19	20	—	8	1,286
Pipeline .....	4	—	19	—	—	23
<b>Distillate Fuel Oil<sup>2</sup></b> .....	<b>41,283</b>	<b>26,096</b>	<b>51,706</b>	<b>3,719</b>	<b>13,211</b>	<b>136,014</b>
Refinery .....	1,376	5,689	15,701	1,653	4,509	28,928
Bulk Terminal .....	31,281	13,435	22,460	1,365	7,240	75,780
Pipeline .....	8,626	6,972	13,545	701	1,462	31,306
<b>15 ppm sulfur and Under</b> .....	<b>37,889</b>	<b>25,378</b>	<b>46,608</b>	<b>3,478</b>	<b>12,423</b>	<b>125,775</b>
Refinery .....	936	5,207	13,236	1,472	3,980	24,831
Bulk Terminal .....	28,896	13,335	20,189	1,305	7,012	70,736
Pipeline .....	8,057	6,836	13,183	701	1,431	30,208
<b>Greater than 15 ppm to 500 ppm sulfur</b> .....	<b>960</b>	<b>263</b>	<b>1,271</b>	<b>200</b>	<b>216</b>	<b>2,910</b>
Refinery .....	87	47	617	140	194	1,085
Bulk Terminal .....	873	87	568	60	1	1,589
Pipeline .....	—	129	86	—	21	236
<b>Greater than 500 ppm sulfur</b> .....	<b>2,434</b>	<b>455</b>	<b>3,827</b>	<b>41</b>	<b>572</b>	<b>7,329</b>
Refinery .....	353	435	1,848	41	335	3,012
Bulk Terminal .....	1,512	13	1,703	—	227	3,455
Pipeline .....	569	7	276	—	10	862
<b>Residual Fuel Oil</b> .....	<b>6,788</b>	<b>1,150</b>	<b>17,741</b>	<b>216</b>	<b>5,380</b>	<b>31,275</b>
Refinery .....	369	1,017	3,047	216	2,198	6,847
Bulk Terminal .....	6,419	133	14,694	—	3,182	24,428
Pipeline .....	—	—	—	—	—	—
<b>Less than 0.31% Sulfur</b> .....	<b>663</b>	<b>49</b>	<b>2,860</b>	<b>21</b>	<b>1,770</b>	<b>5,363</b>
Refinery .....	16	46	84	21	18	185
Bulk Terminal .....	647	3	2,776	—	1,752	5,178
<b>0.31% to 1.00% Sulfur</b> .....	<b>1,446</b>	<b>183</b>	<b>4,776</b>	<b>5</b>	<b>486</b>	<b>6,896</b>
Refinery .....	121	179	654	5	181	1,140
Bulk Terminal .....	1,325	4	4,122	—	305	5,756
<b>Greater than 1.00% Percent Sulfur</b> .....	<b>4,679</b>	<b>918</b>	<b>10,105</b>	<b>190</b>	<b>3,124</b>	<b>19,016</b>
Refinery .....	232	792	2,309	190	1,999	5,522
Bulk Terminal .....	4,447	126	7,796	—	1,125	13,494
<b>Petrochemical Feedstocks</b> .....	<b>—</b>	<b>506</b>	<b>2,455</b>	<b>—</b>	<b>2</b>	<b>2,963</b>
Refinery .....	—	506	2,455	—	2	2,963
Naphtha for Petrochemical Feedstock Use .....	—	417	1,893	—	2	2,312
Other Oils for Petrochemical Feedstock Use .....	—	89	562	—	—	651
<b>Special Naphthas</b> .....	<b>39</b>	<b>147</b>	<b>698</b>	<b>—</b>	<b>32</b>	<b>916</b>
Refinery .....	26	83	688	—	32	829
Bulk Terminal .....	13	64	10	—	—	87
<b>Lubricants</b> .....	<b>940</b>	<b>671</b>	<b>6,159</b>	<b>—</b>	<b>576</b>	<b>8,346</b>
Refinery .....	541	208	3,536	—	402	4,687
Bulk Terminal .....	399	463	2,623	—	174	3,659
<b>Waxes</b> .....	<b>231</b>	<b>30</b>	<b>248</b>	<b>—</b>	<b>—</b>	<b>509</b>
Refinery .....	231	30	248	—	—	509
<b>Petroleum Coke</b> .....	<b>—</b>	<b>1,878</b>	<b>2,940</b>	<b>215</b>	<b>936</b>	<b>5,969</b>
Refinery .....	—	1,878	2,940	215	936	5,969
<b>Asphalt and Road Oil</b> .....	<b>7,793</b>	<b>14,551</b>	<b>6,440</b>	<b>2,340</b>	<b>2,687</b>	<b>33,811</b>
Refinery .....	556	4,613	2,564	712	749	9,194
Bulk Terminal .....	7,237	9,938	3,876	1,628	1,938	24,617

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

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
<b>Miscellaneous Products</b> .....	<b>49</b>	<b>71</b>	<b>370</b>	<b>13</b>	<b>90</b>	<b>593</b>
Refinery .....	47	71	370	13	90	591
Bulk Terminal .....	2	—	—	—	—	2
Pipeline .....	—	—	—	—	—	—
<b>Total Stocks, All Oils</b> .....	<b>161,220</b>	<b>292,091</b>	<b>1,283,351</b>	<b>50,455</b>	<b>135,663</b>	<b>1,922,781</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, April 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>1,056</b>	<b>1,062</b>	<b>14,746</b>	<b>35,044</b>	<b>49,790</b>	<b>1,314</b>
Connecticut	—	—	—	1,214	30	1,244	35
Delaware	—	—	—	482	501	983	58
District of Columbia	—	—	—	—	—	—	—
Florida	—	591	591	—	5,430	5,430	—
Georgia	—	120	120	—	2,481	2,481	—
Maine	—	—	—	271	331	602	108
Maryland	—	—	—	1,339	102	1,441	30
Massachusetts	5	—	5	1,509	—	1,509	23
New Hampshire	—	—	—	—	—	—	—
New Jersey	—	33	33	6,424	15,722	22,146	301
New York	1	8	9	800	2,233	3,033	467
North Carolina	—	106	106	—	2,060	2,060	154
Pennsylvania	—	4	4	581	3,697	4,278	102
Rhode Island	—	—	—	691	23	714	—
South Carolina	—	149	149	—	1,145	1,145	7
Vermont	—	—	—	—	27	27	5
Virginia	—	5	5	1,435	1,161	2,596	24
West Virginia	—	40	40	—	101	101	—
<b>PAD District 2</b>	<b>—</b>	<b>2,915</b>	<b>2,915</b>	<b>4,303</b>	<b>30,057</b>	<b>34,360</b>	<b>96</b>
Illinois	—	167	167	2,187	4,416	6,603	52
Indiana	—	220	220	869	4,172	5,041	—
Iowa	—	50	50	—	1,471	1,471	—
Kansas	—	174	174	—	2,503	2,503	16
Kentucky	—	221	221	334	1,240	1,574	—
Michigan	—	199	199	57	2,597	2,654	—
Minnesota	—	374	374	0	2,086	2,086	—
Missouri	—	142	142	173	650	823	—
Nebraska	—	36	36	—	579	579	—
North Dakota	—	93	93	—	711	711	—
Ohio	—	790	790	—	3,345	3,345	17
Oklahoma	—	245	245	—	2,318	2,318	—
South Dakota	—	22	22	—	510	510	—
Tennessee	—	111	111	—	1,956	1,956	—
Wisconsin	—	71	71	683	1,503	2,186	11
<b>PAD District 3</b>	<b>—</b>	<b>7,021</b>	<b>7,021</b>	<b>6,373</b>	<b>55,511</b>	<b>61,884</b>	<b>133</b>
Alabama	—	95	95	9	1,311	1,320	3
Arkansas	—	92	92	—	805	805	—
Louisiana	—	1,493	1,493	572	11,955	12,527	87
Mississippi	—	671	671	8	2,103	2,111	—
New Mexico	—	20	20	—	515	515	—
Texas	—	4,650	4,650	5,784	38,822	44,606	43
<b>PAD District 4</b>	<b>—</b>	<b>1,548</b>	<b>1,548</b>	<b>—</b>	<b>5,469</b>	<b>5,469</b>	<b>1</b>
Colorado	—	325	325	—	1,540	1,540	—
Idaho	—	255	255	—	219	219	—
Montana	—	380	380	—	1,077	1,077	—
Utah	—	94	94	—	1,254	1,254	1
Wyoming	—	494	494	—	1,379	1,379	—
<b>PAD District 5</b>	<b>16</b>	<b>2,354</b>	<b>2,370</b>	<b>12,619</b>	<b>13,183</b>	<b>25,802</b>	<b>10</b>
Alaska	—	837	837	—	—	—	8
Arizona	—	60	60	633	353	986	—
California	16	367	383	11,926	6,441	18,367	2
Hawaii	—	261	261	—	672	672	—
Nevada	—	141	141	23	401	424	—
Oregon	—	80	80	—	1,589	1,589	—
Washington	—	608	608	37	3,727	3,764	—
<b>U.S. Total</b>	<b>22</b>	<b>14,894</b>	<b>14,916</b>	<b>38,042</b>	<b>139,264</b>	<b>177,306</b>	<b>1,554</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, April 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>29,832</b>	<b>960</b>	<b>1,865</b>	<b>32,657</b>	<b>6,788</b>	<b>2,808</b>
Connecticut	2,555	—	—	2,555	20	—
Delaware	706	56	120	882	719	7
District of Columbia	—	—	—	—	—	—
Florida	1,760	170	—	1,930	1,536	72
Georgia	1,468	—	—	1,468	114	16
Maine	2,130	1	20	2,151	50	—
Maryland	2,198	—	—	2,198	286	1
Massachusetts	1,622	45	46	1,713	112	—
New Hampshire	443	—	—	443	20	74
New Jersey	6,430	429	1,143	8,002	3,257	59
New York	3,066	—	121	3,187	283	130
North Carolina	1,014	—	—	1,014	—	69
Pennsylvania	3,296	—	46	3,342	220	2,185
Rhode Island	964	—	—	964	—	—
South Carolina	579	—	—	579	23	72
Vermont	74	—	—	74	—	—
Virginia	1,432	231	369	2,032	148	4
West Virginia	95	28	—	123	—	92
<b>PAD District 2</b>	<b>18,542</b>	<b>134</b>	<b>448</b>	<b>19,124</b>	<b>1,150</b>	<b>6,443</b>
Illinois	3,227	—	4	3,231	424	398
Indiana	2,099	—	58	2,157	67	312
Iowa	1,347	2	—	1,349	1	170
Kansas	1,722	—	—	1,722	38	2,230
Kentucky	795	12	—	807	—	184
Michigan	1,118	65	—	1,183	96	2,319
Minnesota	1,197	—	24	1,221	224	96
Missouri	557	6	4	567	—	98
Nebraska	471	—	—	471	—	45
North Dakota	710	1	—	711	26	51
Ohio	1,837	2	59	1,898	124	391
Oklahoma	1,358	46	299	1,703	49	84
South Dakota	398	—	—	398	—	23
Tennessee	1,017	—	—	1,017	65	2
Wisconsin	688	—	—	688	36	40
<b>PAD District 3</b>	<b>33,425</b>	<b>1,185</b>	<b>3,551</b>	<b>38,161</b>	<b>17,741</b>	<b>18,054</b>
Alabama	998	8	38	1,044	320	20
Arkansas	727	—	—	727	—	47
Louisiana	5,163	685	1,249	7,097	9,804	1,566
Mississippi	1,082	248	135	1,465	40	631
New Mexico	309	—	—	309	89	3
Texas	25,146	244	2,129	27,519	7,488	15,787
<b>PAD District 4</b>	<b>2,777</b>	<b>200</b>	<b>41</b>	<b>3,018</b>	<b>216</b>	<b>281</b>
Colorado	602	—	—	602	3	17
Idaho	301	—	—	301	—	—
Montana	796	96	—	892	79	18
Utah	394	23	41	458	61	175
Wyoming	684	81	—	765	73	71
<b>PAD District 5</b>	<b>10,992</b>	<b>195</b>	<b>562</b>	<b>11,749</b>	<b>5,380</b>	<b>1,054</b>
Alaska	861	—	51	912	178	2
Arizona	988	—	—	988	—	430
California	5,890	194	232	6,316	3,779	176
Hawaii	229	1	276	506	486	83
Nevada	396	—	3	399	—	—
Oregon	1,051	—	—	1,051	50	—
Washington	1,577	—	—	1,577	887	363
<b>U.S. Total</b>	<b>95,567</b>	<b>2,674</b>	<b>6,467</b>	<b>104,708</b>	<b>31,275</b>	<b>28,640</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, April 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>249</b>	<b>29</b>	<b>0</b>	<b>719</b>	<b>44,925</b>	<b>6,829</b>	<b>4,492</b>	<b>1,042</b>	<b>18,123</b>
<b>Petroleum Products</b> .....	<b>17,583</b>	<b>89</b>	<b>6</b>	<b>20,900</b>	<b>46,951</b>	<b>12,327</b>	<b>5,183</b>	<b>91,324</b>	<b>21,622</b>
Natural Gas Liquids .....	7,196	58	0	7,217	35,823	8,365	579	1,050	7,257
Ethane .....	4,951	0	—	0	14,504	1,879	—	0	638
Propane .....	1,217	6	0	5,066	12,893	3,429	310	1,032	435
Normal Butane .....	272	4	0	2,065	4,239	1,386	169	18	178
Isobutane .....	431	48	0	86	1,461	495	100	0	332
Natural Gasoline .....	325	0	—	0	2,726	1,176	—	0	5,674
Refinery Olefins .....	0	0	—	439	462	—	—	0	0
Ethylene .....	—	—	—	—	—	—	—	—	—
Propylene .....	0	0	—	439	462	—	—	0	0
Normal Butylene .....	—	—	—	—	—	—	—	—	—
Isobutylene .....	—	—	—	—	—	—	—	—	—
Unfinished Oils .....	21	0	—	0	296	—	—	0	201
Motor Gasoline Blending Components .....	7,172	0	0	1,204	1,686	1,743	0	53,199	4,868
Reformulated - RBOB .....	0	0	0	0	86	—	0	6,389	2,351
Conventional .....	7,172	0	0	1,204	1,600	1,743	0	46,810	2,517
CBOB .....	7,172	0	0	1,204	1,600	1,743	0	46,810	2,175
GTAB .....	—	—	—	—	—	—	—	—	—
Other .....	0	0	—	—	0	—	—	—	342
Renewable Fuels .....	6	0	6	8,659	6,150	470	4,403	239	0
Fuel Ethanol .....	0	0	0	8,425	5,817	434	4,054	231	0
Renewable Diesel Fuel <sup>2</sup> .....	6	0	6	234	333	36	349	8	0
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline .....	98	0	0	1,034	149	70	0	2,746	2,459
Reformulated .....	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Reformulated Other .....	—	—	—	—	—	—	—	—	—
Conventional .....	98	0	0	1,034	149	70	0	2,746	2,459
Conventional Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Ed55 and Lower .....	—	—	—	—	—	—	—	—	—
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—
Conventional Other .....	98	0	0	1,034	149	70	0	2,746	2,459
Finished Aviation Gasoline .....	0	0	—	0	0	—	—	116	35
Kerosene-Type Jet Fuel .....	253	0	0	78	0	770	0	10,489	1,378
Kerosene .....	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil .....	2,837	0	0	1,042	930	906	0	22,517	5,067
15 ppm sulfur and under .....	2,837	0	0	1,042	930	906	0	21,795	4,951
Greater than 15 ppm to 500 ppm sulfur .....	0	0	—	0	0	—	—	1	116
Greater than 500 ppm sulfur .....	—	0	—	0	0	—	—	721	—
Residual Fuel Oil .....	0	0	—	0	473	—	—	49	0
Petrochemical Feedstocks .....	0	0	—	—	97	—	—	—	0
Naphtha for Petrochemical Feedstock Use .....	0	0	—	—	97	—	—	—	0
Other Oils for Petrochemical Feedstock Use .....	—	—	—	—	—	—	—	—	—
Special Naphthas .....	0	0	—	—	0	—	—	—	29
Lubricants .....	0	0	0	39	0	—	0	513	196
Waxes .....	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke .....	0	31	0	657	406	3	20	23	13
Asphalt and Road Oil .....	0	0	0	531	479	0	181	384	109
Miscellaneous Products .....	0	0	—	—	0	—	—	—	10
<b>Total</b> .....	<b>17,832</b>	<b>118</b>	<b>6</b>	<b>21,619</b>	<b>91,876</b>	<b>19,156</b>	<b>9,674</b>	<b>92,366</b>	<b>39,745</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, April 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>241</b>	<b>0</b>	<b>22,321</b>	<b>176</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Petroleum Products</b> .....	<b>0</b>	<b>5,750</b>	<b>0</b>	<b>15,108</b>	<b>3,013</b>	<b>1,834</b>	<b>0</b>	<b>167</b>	<b>6</b>
Natural Gas Liquids .....	0	7	0	14,441	2,828	86	0	0	0
Ethane .....	0	—	0	4,091	1,132	—	0	0	0
Propane .....	0	0	0	5,423	783	50	0	0	0
Normal Butane .....	0	5	0	2,180	271	36	0	0	0
Isobutane .....	0	2	0	901	226	0	0	0	0
Natural Gasoline .....	0	—	0	1,846	416	—	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	3,739	0	120	0	957	0	0	0
Reformulated - RBOB .....	—	2,011	0	0	0	0	0	0	—
Conventional .....	0	1,728	0	120	0	957	0	0	0
CBOB .....	0	1,728	0	120	0	957	0	0	0
GTAB .....	—	—	—	—	—	—	—	—	—
Other .....	—	—	—	0	0	—	—	0	—
Renewable Fuels .....	0	335	0	0	0	45	0	0	0
Fuel Ethanol .....	0	215	0	0	0	45	0	0	0
Renewable Diesel Fuel <sup>2</sup> .....	0	120	0	0	0	0	0	0	0
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline .....	0	0	0	210	0	155	0	0	0
Reformulated .....	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Reformulated Other .....	—	—	—	—	—	—	—	—	—
Conventional .....	0	0	0	210	0	155	0	0	0
Conventional Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Ed55 and Lower .....	—	—	—	—	—	—	—	—	—
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—
Conventional Other .....	0	0	0	210	0	155	0	0	0
Finished Aviation Gasoline .....	—	—	0	0	0	—	0	0	—
Kerosene-Type Jet Fuel .....	0	265	0	12	0	3	0	0	0
Kerosene .....	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil .....	0	1,287	0	178	0	288	0	0	0
15 ppm sulfur and under .....	0	1,287	0	178	0	288	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	—	0	0	—
Petrochemical Feedstocks .....	—	—	—	0	0	—	—	0	—
Naphtha for Petrochemical Feedstock Use .....	—	—	—	0	0	—	—	0	—
Other Oils for Petrochemical Feedstock Use .....	—	—	—	—	—	—	—	—	—
Special Naphthas .....	—	—	—	0	0	—	—	0	—
Lubricants .....	—	0	0	0	0	0	0	130	—
Waxes .....	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke .....	0	0	0	9	62	128	0	37	6
Asphalt and Road Oil .....	0	117	0	138	123	173	0	0	0
Miscellaneous Products .....	—	—	—	0	0	—	—	0	—
<b>Total</b> .....	<b>0</b>	<b>5,991</b>	<b>0</b>	<b>37,429</b>	<b>3,189</b>	<b>1,834</b>	<b>0</b>	<b>167</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, April 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>123</b>	<b>29</b>	<b>60</b>	<b>43,103</b>	<b>6,829</b>	<b>121</b>	<b>18,123</b>	<b>0</b>	<b>-</b>
<b>Petroleum Products</b> .....	<b>17,243</b>	<b>0</b>	<b>8,555</b>	<b>37,664</b>	<b>11,854</b>	<b>68,237</b>	<b>20,350</b>	<b>0</b>	<b>5,291</b>
Natural Gas Liquids .....	6,907	0	5,986	35,133	8,365	887	7,122	0	-
Ethane .....	4,951	0	0	14,504	1,879	0	638	0	-
Propane .....	1,128	0	4,405	12,478	3,429	887	428	0	-
Normal Butane .....	148	0	1,581	4,085	1,386	0	160	0	-
Isobutane .....	355	0	0	1,340	495	0	222	0	-
Natural Gasoline .....	325	0	0	2,726	1,176	0	5,674	0	-
Motor Gasoline Blending Components .....	7,158	0	823	1,624	1,743	39,947	4,762	0	3,739
Reformulated - RBOB .....	0	0	0	86	-	6,389	2,351	-	2,011
Conventional .....	7,158	0	823	1,538	1,743	33,558	2,411	0	1,728
CBOB .....	7,158	0	823	1,538	1,743	33,558	2,175	0	1,728
GTAB .....	-	-	-	-	-	-	-	-	-
Other .....	0	0	-	0	-	-	236	-	-
Renewable Fuels .....	-	-	-	-	-	-	-	-	-
Fuel Ethanol .....	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel <sup>1</sup> .....	-	-	-	-	-	-	-	-	-
Other Renewable Fuels .....	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline .....	98	0	973	0	70	1,008	2,376	0	0
Reformulated .....	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol .....	-	-	-	-	-	-	-	-	-
Reformulated Other .....	-	-	-	-	-	-	-	-	-
Conventional .....	98	0	973	0	70	1,008	2,376	0	0
Conventional Blended with Fuel Ethanol .....	-	-	-	-	-	-	-	-	-
Ed55 and Lower .....	-	-	-	-	-	-	-	-	-
Greater than Ed55 .....	-	-	-	-	-	-	-	-	-
Conventional Other .....	98	0	973	0	70	1,008	2,376	0	0
Finished Aviation Gasoline .....	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel .....	253	0	78	0	770	7,977	1,251	0	265
Kerosene .....	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil .....	2,827	0	695	907	906	18,418	4,839	0	1,287
15 ppm sulfur and under .....	2,827	0	695	907	906	17,696	4,723	0	1,287
Greater than 15 ppm to 500 ppm sulfur .....	0	0	0	0	-	1	116	-	-
Greater than 500 ppm sulfur .....	-	0	0	0	-	721	-	-	-
Residual Fuel Oil .....	-	-	-	-	-	-	-	-	-
Miscellaneous Products .....	-	-	-	-	-	-	-	-	-
<b>Total</b> .....	<b>17,366</b>	<b>29</b>	<b>8,615</b>	<b>80,767</b>	<b>18,683</b>	<b>68,358</b>	<b>38,473</b>	<b>0</b>	<b>5,291</b>

See footnotes at end of table.

**Table 58. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, April 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>22,321</b>	<b>176</b>	<b>-</b>	<b>0</b>	<b>0</b>
<b>Petroleum Products</b> .....	<b>0</b>	<b>14,961</b>	<b>2,828</b>	<b>1,403</b>	<b>0</b>	<b>0</b>
Natural Gas Liquids .....	0	14,441	2,828	-	0	0
Ethane .....	0	4,091	1,132	-	0	0
Propane .....	0	5,423	783	-	0	0
Normal Butane .....	0	2,180	271	-	0	0
Isobutane .....	0	901	226	-	0	0
Natural Gasoline .....	0	1,846	416	-	0	0
Motor Gasoline Blending Components .....	0	120	0	957	0	0
Reformulated - RBOB .....	0	0	0	0	0	-
Conventional .....	0	120	0	957	0	0
CBOB .....	0	120	0	957	0	0
GTAB .....	-	-	-	-	-	-
Other .....	-	0	0	-	0	-
Renewable Fuels .....	-	-	-	-	-	-
Fuel Ethanol .....	-	-	-	-	-	-
Renewable Diesel Fuel <sup>1</sup> .....	-	-	-	-	-	-
Other Renewable Fuels .....	-	-	-	-	-	-
Finished Motor Gasoline .....	0	210	0	155	0	0
Reformulated .....	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol .....	-	-	-	-	-	-
Reformulated Other .....	-	-	-	-	-	-
Conventional .....	0	210	0	155	0	0
Conventional Blended with Fuel Ethanol .....	-	-	-	-	-	-
Ed55 and Lower .....	-	-	-	-	-	-
Greater than Ed55 .....	-	-	-	-	-	-
Conventional Other .....	0	210	0	155	0	0
Finished Aviation Gasoline .....	-	-	-	-	-	-
Kerosene-Type Jet Fuel .....	0	12	0	3	0	0
Kerosene .....	-	-	-	-	-	-
Distillate Fuel Oil .....	0	178	0	288	0	0
15 ppm sulfur and under .....	0	178	0	288	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>37,282</b>	<b>3,004</b>	<b>1,403</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, April 2021**  
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
<b>Crude Oil</b> .....	<b>126</b>	<b>0</b>	<b>0</b>	<b>211</b>	<b>1,822</b>	<b>0</b>
<b>Petroleum Products</b> .....	<b>45</b>	<b>0</b>	<b>0</b>	<b>1,133</b>	<b>1,804</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	296	—
Motor Gasoline Blending Components .....	14	0	—	381	62	—
Reformulated - RBOB .....	—	—	—	—	—	—
Conventional .....	14	0	—	381	62	—
CBOB .....	14	0	—	381	62	—
GTAB .....	—	—	—	—	—	—
Other .....	0	0	—	—	0	—
Renewable Fuels .....	0	0	0	271	559	0
Fuel Ethanol .....	0	0	—	271	514	—
Renewable Diesel Fuel <sup>1</sup> .....	0	0	0	—	45	0
Other Renewable Fuels .....	—	—	—	—	—	—
Finished Motor Gasoline .....	0	0	—	61	149	—
Reformulated .....	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—
Reformulated Other .....	—	—	—	—	—	—
Conventional .....	0	0	—	61	149	—
Conventional Blended with Fuel Ethanol .....	—	—	—	—	—	—
Ed55 and Lower .....	—	—	—	—	—	—
Greater than Ed55 .....	—	—	—	—	—	—
Conventional Other .....	0	0	—	61	149	—
Finished Aviation Gasoline .....	0	0	—	0	0	—
Kerosene-Type Jet Fuel .....	0	0	—	0	0	—
Kerosene .....	—	—	—	—	—	—
Distillate Fuel Oil .....	10	0	—	347	23	—
15 ppm sulfur and under .....	10	0	—	347	23	—
Greater than 15 ppm to 500 ppm sulfur .....	—	—	—	—	—	—
Greater than 500 ppm sulfur .....	—	—	—	—	—	—
Residual Fuel Oil .....	0	0	—	0	473	—
Less than 0.31 percent sulfur .....	—	—	—	—	—	—
0.31 to 1.00 percent sulfur .....	0	0	—	—	345	—
Greater than 1.00 percent sulfur .....	0	0	—	0	128	—
Petrochemical Feedstocks .....	0	0	—	—	97	—
Naphtha for Petrochemical Feedstock Use .....	0	0	—	—	97	—
Other Oils for Petrochemical Feedstock Use .....	—	—	—	—	—	—
Special Naphthas .....	0	0	—	—	0	—
Lubricants .....	0	0	0	39	0	0
Waxes .....	—	—	—	—	—	—
Marketable Petroleum Coke .....	—	—	—	—	—	—
Asphalt and Road Oil .....	0	0	—	34	145	—
Miscellaneous Products .....	0	0	—	—	0	—
<b>Total</b> .....	<b>171</b>	<b>0</b>	<b>0</b>	<b>1,344</b>	<b>3,626</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, April 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>921</b>	—	<b>921</b>	—	<b>0</b>	<b>219</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Petroleum Products</b> .....	<b>22,865</b>	—	<b>584</b>	<b>22,281</b>	<b>1,062</b>	<b>60</b>	<b>0</b>	<b>0</b>	<b>130</b>
Natural Gas Liquids .....	53	—	—	53	—	—	0	—	0
Ethane .....	—	—	—	—	—	—	—	—	—
Propane .....	53	—	—	53	—	—	0	—	0
Normal Butane .....	—	—	—	—	—	—	—	—	—
Isobutane .....	—	—	—	—	—	—	—	—	—
Natural Gasoline .....	—	—	—	—	—	—	—	—	—
Unfinished Oils .....	0	—	—	—	201	—	0	0	0
Motor Gasoline Blending Components .....	13,252	—	—	13,252	106	—	0	0	0
Reformulated - RBOB .....	—	—	—	—	—	—	—	—	—
Conventional .....	13,252	—	—	13,252	106	—	0	0	0
CBOB .....	13,252	—	—	13,252	0	—	0	0	0
GTAB .....	—	—	—	—	—	—	—	—	—
Other .....	—	—	—	—	106	—	—	0	0
Renewable Fuels .....	231	—	—	231	0	60	0	0	0
Fuel Ethanol .....	231	—	—	231	0	—	0	0	0
Renewable Diesel Fuel <sup>1</sup> .....	—	—	—	—	0	60	—	0	0
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline .....	1,738	—	—	1,738	83	—	0	0	0
Reformulated .....	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Reformulated Other .....	—	—	—	—	—	—	—	—	—
Conventional .....	1,738	—	—	1,738	83	—	0	0	0
Conventional Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Ed55 and Lower .....	—	—	—	—	—	—	—	—	—
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—
Conventional Other .....	1,738	—	—	1,738	83	—	0	0	0
Finished Aviation Gasoline .....	116	—	15	101	35	—	0	0	0
Kerosene-Type Jet Fuel .....	2,512	—	—	2,512	127	—	0	0	0
Kerosene .....	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil .....	4,099	—	301	3,798	228	—	0	0	0
15 ppm sulfur and under .....	4,099	—	301	3,798	228	—	0	0	0
Greater than 15 ppm to 500 ppm sulfur .....	—	—	—	—	—	—	—	—	—
Greater than 500 ppm sulfur .....	—	—	—	—	—	—	—	—	—
Residual Fuel Oil .....	49	—	—	49	0	—	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 .....	49	—	—	49	0	—	0	0	0
Petrochemical Feedstocks .....	—	—	—	—	0	—	—	0	0
Naphtha for Petrochemical Feedstock Use .....	—	—	—	—	0	—	—	0	0
Other Oils for Petrochemical Feedstock Use .....	—	—	—	—	—	—	—	—	—
Special Naphthas .....	—	—	—	—	29	—	—	0	0
Lubricants .....	513	—	268	245	196	0	0	0	130
Waxes .....	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke .....	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil .....	302	—	—	302	47	—	0	0	0
Miscellaneous Products .....	—	—	—	—	10	—	—	0	0
<b>Total</b> .....	<b>23,786</b>	—	<b>1,505</b>	<b>22,281</b>	<b>1,062</b>	<b>279</b>	<b>0</b>	<b>0</b>	<b>130</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, April 2021**  
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil .....	0	0	-	0	448	0	-	4,492
Propane .....	89	6	0	0	661	415	0	310
Propylene .....	0	0	-	-	439	462	-	-
Normal Butane .....	124	4	0	0	484	154	0	169
Isobutane .....	76	48	0	0	86	121	0	100
Fuel Ethanol .....	0	0	0	0	8,154	5,303	434	4,054
Biodiesel .....	6	0	0	6	234	288	36	349
Marketable Petroleum Coke .....	0	31	0	0	657	406	3	20
Asphalt and Road Oil .....	0	0	0	0	497	334	0	181

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil .....	0	0	-	22	0	0	0	0
Propane .....	92	7	0	0	0	0	0	50
Propylene .....	0	0	-	-	0	0	0	-
Normal Butane .....	18	18	0	5	0	0	0	36
Isobutane .....	0	110	0	2	0	0	0	0
Fuel Ethanol .....	0	0	0	215	0	0	0	45
Biodiesel .....	8	0	0	60	0	0	0	0
Marketable Petroleum Coke .....	23	13	0	0	0	9	62	128
Asphalt and Road Oil .....	82	62	0	117	0	138	123	173

Commodity	From 5 to			
	1	2	3	4
Crude Oil .....	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	22	37	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, April 2021**  
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
<b>From 1 to</b>				
2 .....	123	126	0	249
3 .....	29	0	0	29
4 .....	0	-	-	0
5 .....	-	0	0	0
<b>From 2 to</b>				
1 .....	60	211	448	719
3 .....	43,103	1,822	0	44,925
4 .....	6,829	-	-	6,829
5 .....	-	0	4,492	4,492
<b>From 3 to</b>				
1 .....	121	921	0	1,042
2 .....	18,123	0	0	18,123
4 .....	0	-	-	0
5 .....	-	219	22	241
<b>From 4 to</b>				
1 .....	0	0	0	0
2 .....	22,321	0	0	22,321
3 .....	176	0	0	176
5 .....	-	0	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

- = 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, April 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>1,761</b>	<b>278</b>	<b>1,483</b>	<b>40,693</b>	<b>56,964</b>	<b>-16,271</b>	<b>45,130</b>	<b>19,406</b>	<b>25,724</b>
<b>Petroleum Products</b>	<b>112,224</b>	<b>17,678</b>	<b>94,547</b>	<b>54,335</b>	<b>85,361</b>	<b>-31,026</b>	<b>50,220</b>	<b>118,697</b>	<b>-68,477</b>
Natural Gas Liquids	8,267	7,254	1,013	28,894	51,984	-23,090	38,709	8,314	30,395
Ethane	0	4,951	-4,951	9,680	16,383	-6,703	15,636	638	14,998
Propane	6,098	1,223	4,875	7,075	21,698	-14,623	13,682	1,467	12,215
Normal Butane	2,083	276	1,807	2,630	7,859	-5,229	4,514	201	4,313
Isobutane	86	479	-393	1,664	2,142	-478	1,735	334	1,401
Natural Gasoline	0	325	-325	7,845	3,902	3,943	3,142	5,674	-2,532
Refinery Olefins	439	0	439	0	901	-901	462	0	462
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	439	0	439	0	901	-901	462	0	462
Normal Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	0	21	-21	222	296	-74	296	201	95
Motor Gasoline Blending Components	54,403	7,172	47,231	12,160	4,633	7,527	1,686	61,806	-60,120
Reformulated - RBOB	6,389	0	6,389	2,351	86	2,265	86	10,751	-10,665
Conventional	48,014	7,172	40,842	9,809	4,547	5,262	1,600	51,055	-49,455
CBOB	48,014	7,172	40,842	9,467	4,547	4,920	1,600	50,713	-49,113
GTAB	0	0	-	-	-	-	0	0	-
Other	0	0	-	342	0	342	0	342	-342
Renewable Fuels	8,897	12	8,886	6	19,682	-19,676	6,150	574	5,577
Fuel Ethanol	8,656	0	8,656	0	18,731	-18,731	5,817	446	5,372
Renewable Diesel Fuel <sup>2</sup>	242	12	230	6	951	-945	333	128	205
Other Renewable Fuels	-	-	-	0	0	-	0	0	-
Finished Motor Gasoline	3,780	98	3,682	2,767	1,253	1,514	149	5,205	-5,056
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	3,780	98	3,682	2,767	1,253	1,514	149	5,205	-5,056
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	3,780	98	3,682	2,767	1,253	1,514	149	5,205	-5,056
Finished Aviation Gasoline	116	0	116	35	0	35	0	151	-151
Kerosene-Type Jet Fuel	10,567	253	10,314	1,643	848	795	0	12,132	-12,132
Kerosene	0	0	-	0	0	-	0	0	-
Distillate Fuel Oil	23,559	2,837	20,722	8,082	2,878	5,204	930	28,871	-27,941
15 ppm sulfur and under	22,837	2,837	20,000	7,966	2,878	5,088	930	28,033	-27,103
Greater than 15 ppm to 500 ppm sulfur	1	0	1	116	0	116	0	117	-117
Greater than 500 ppm sulfur	721	0	721	0	0	-	0	721	-721
Residual Fuel Oil	49	0	49	0	473	-473	473	49	424
Petrochemical Feedstocks	0	0	-	0	97	-97	97	0	97
Naphtha for Petrochemical Feedstock Use	0	0	-	0	97	-97	97	0	97
Other Oils for Petrochemical Feedstock Use	0	0	-	0	0	-	0	0	-
Special Naphthas	0	0	-	29	0	29	0	29	-29
Lubricants	552	0	552	196	39	157	130	709	-579
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	680	31	649	44	1,086	-1,042	536	36	501
Asphalt and Road Oil	915	0	915	247	1,191	-944	601	610	-9
Miscellaneous Products	0	0	-	10	0	10	0	10	-10
<b>Total</b>	<b>113,985</b>	<b>17,956</b>	<b>96,030</b>	<b>95,028</b>	<b>142,325</b>	<b>-47,297</b>	<b>95,350</b>	<b>138,103</b>	<b>-42,753</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, April 2021**  
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
<b>Crude Oil</b> .....	<b>6,829</b>	<b>22,497</b>	<b>-15,668</b>	<b>4,733</b>	<b>0</b>	<b>4,733</b>
<b>Petroleum Products</b> .....	<b>12,333</b>	<b>19,955</b>	<b>-7,622</b>	<b>12,773</b>	<b>195</b>	<b>12,577</b>
Natural Gas Liquids .....	8,365	17,355	-8,990	672	0	672
Ethane .....	1,879	5,223	-3,344	0	0	-
Propane .....	3,429	6,256	-2,827	360	0	360
Normal Butane .....	1,386	2,487	-1,101	210	0	210
Isobutane .....	495	1,127	-632	102	0	102
Natural Gasoline .....	1,176	2,262	-1,086	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 .....	1,743	1,077	666	4,696	0	4,696
Reformulated - RBOB .....	-	-	-	2,011	0	2,011
Conventional .....	1,743	1,077	666	2,685	0	2,685
CBOB .....	1,743	1,077	666	2,685	0	2,685
GTAB .....	-	-	-	0	0	-
Other .....	0	0	-	0	0	-
Renewable Fuels .....	470	45	425	4,789	0	4,789
Fuel Ethanol .....	434	45	389	4,314	0	4,314
Renewable Diesel Fuel <sup>2</sup> .....	36	0	36	475	0	475
Other Renewable Fuels .....	0	0	-	0	0	-
Finished Motor Gasoline .....	70	365	-295	155	0	155
Reformulated .....	-	-	-	0	0	-
Reformulated Blended with Fuel Ethanol .....	-	-	-	0	0	-
Reformulated Other .....	-	-	-	-	-	-
Conventional .....	70	365	-295	155	0	155
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 .....	70	365	-295	155	0	155
Finished Aviation Gasoline .....	0	0	-	0	0	-
Kerosene-Type Jet Fuel .....	770	15	755	268	0	268
Kerosene .....	0	0	-	0	0	-
Distillate Fuel Oil .....	906	466	440	1,575	0	1,575
15 ppm sulfur and under .....	906	466	440	1,575	0	1,575
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	130	-130
Waxes .....	0	0	-	0	0	-
Marketable Petroleum Coke .....	10	199	-190	148	65	82
Asphalt and Road Oil .....	0	433	-433	470	0	470
Miscellaneous Products .....	0	0	-	0	0	-
<b>Total</b> .....	<b>19,162</b>	<b>42,452</b>	<b>-23,290</b>	<b>17,505</b>	<b>195</b>	<b>17,310</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.

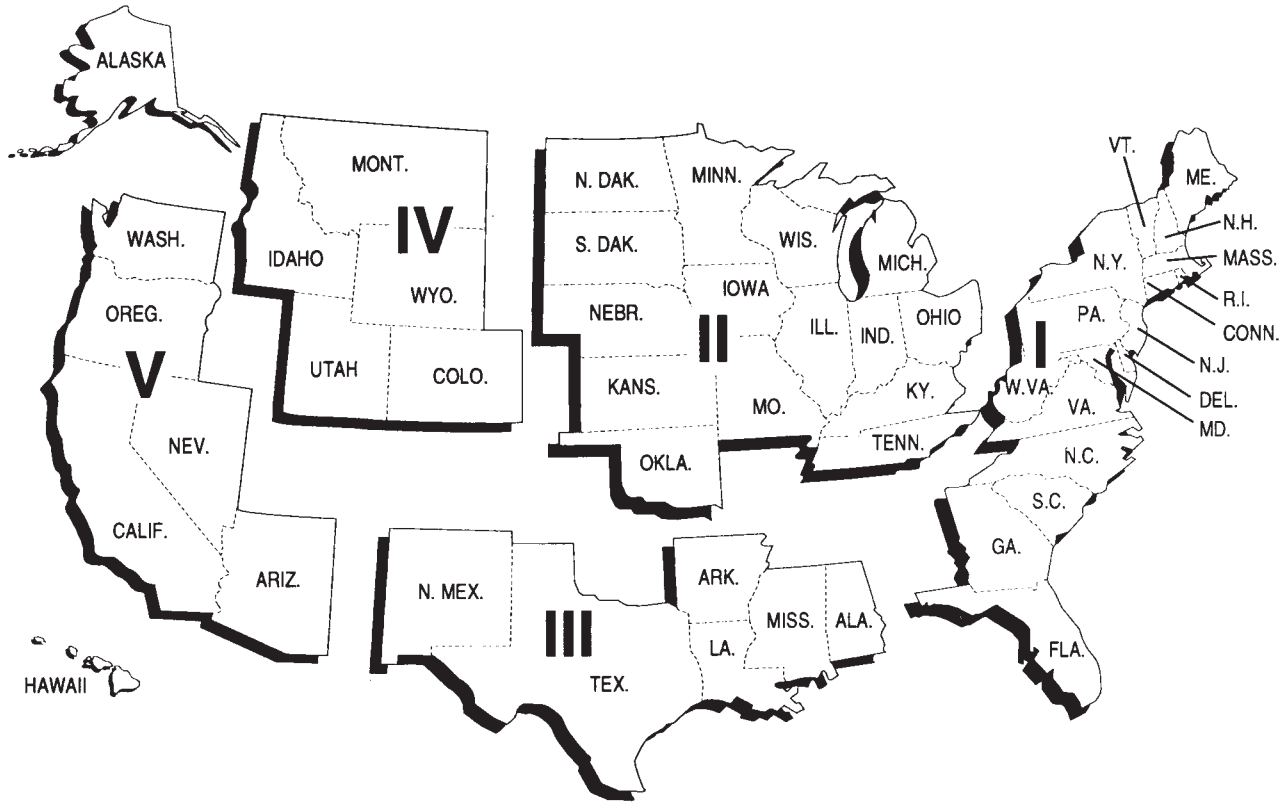
### **PAD District IV**

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

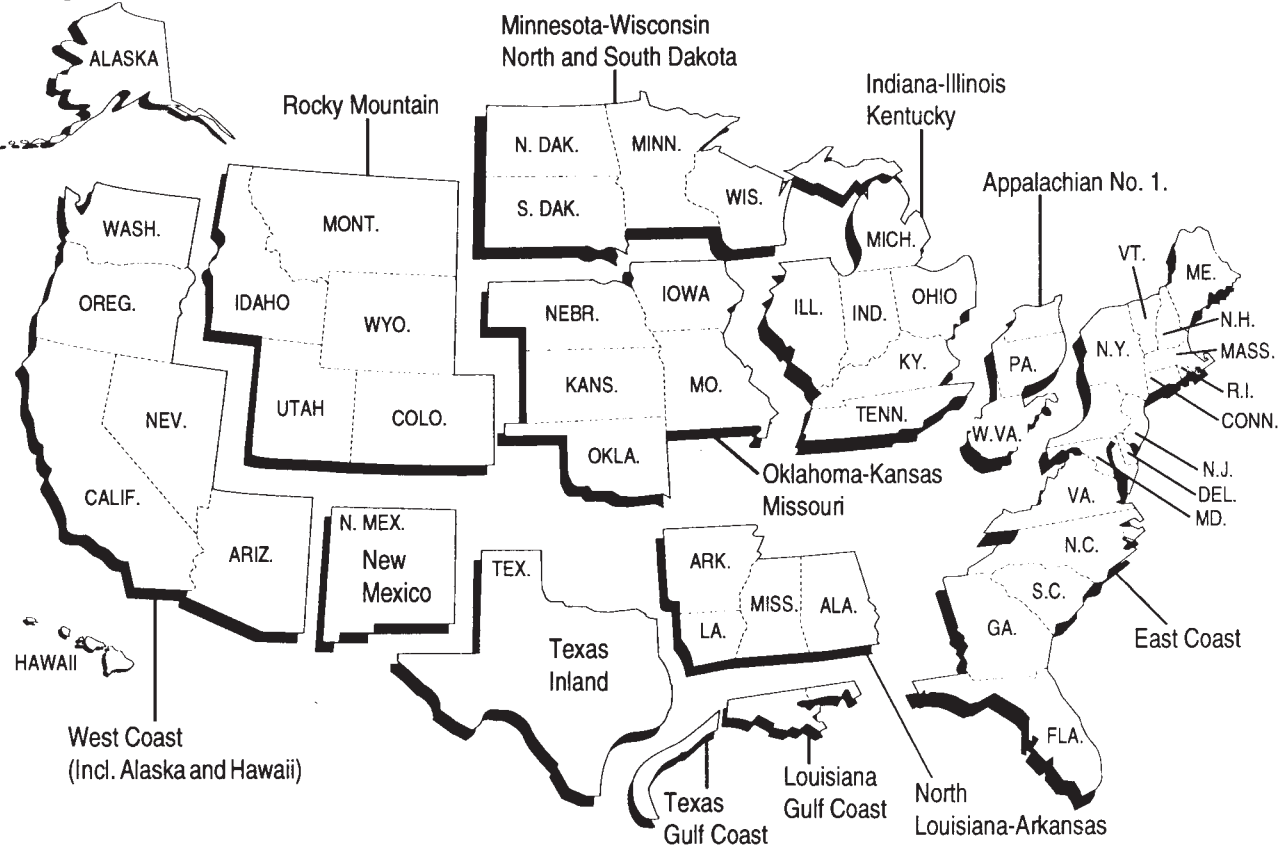
### **PAD District V**

**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/>). 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.

## 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	201
Gulf Oil LP	Chelsea, MA	200

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 June 2021)

**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.** The Organization of the Petroleum Exporting Countries (OPEC) was founded in Baghdad, Iraq, with the signing of an agreement in September 1960 by five countries namely Islamic Republic of Iran, Iraq, Kuwait, Saudi Arabia and Venezuela. They were to become the Founder Members of the Organization. These countries were later joined by Qatar (1961), Indonesia (1962), Libya (1962), the United Arab Emirates (1967), Algeria (1969), Nigeria (1971), Ecuador (1973), Gabon (1975), Angola (2007), Equatorial Guinea (2017) and Congo (2018). Ecuador suspended its membership in December 1992, rejoined OPEC in October 2007, but decided to withdraw its membership of OPEC effective 1 January 2020.

Indonesia suspended its membership in January 2009, reactivated it again in January 2016, but decided to suspend its membership once more at the 171st Meeting of the OPEC Conference on 30 November 2016. Gabon terminated its membership in January 1995. However, it rejoined the Organization in July 2016. Qatar terminated its membership on 1 January 2019.

**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.