



# Petroleum Supply Monthly

January 2013

With Data for November 2012

## EIA DATA ARE AVAILABLE IN ELECTRONIC FORM

All current EIA publications are available on the EIA web site. Users can view and download selected pages or entire reports, search for information, download EIA data and analysis applications, and find out about new EIA information products and services:

World Wide Web: <http://www.eia.doe.gov>

FTP: <ftp://ftp.eia.doe.gov>

Customers who do not have access to the Internet may call the National Energy Information Center (NEIC) to request a single print-on-demand copy (a black and white bound printed document). To take advantage of this service, please call the NEIC at 202-586-8800 or email them at [infoctr@eia.doe.gov](mailto:infoctr@eia.doe.gov). This service is provided free of charge for a single copy. Please note: NEIC will not accept or print multiple copy orders.

For further information, and for answers to questions on energy statistics, please contact EIA's National Energy Information Center at:

National Energy Information Center (NEIC)  
EI-30, Forrestal Building  
Washington, DC 20585  
(202) 586-8800 (phone) (202) 586-0727 (fax)  
9:00 a.m. to 4:00 p.m., Eastern Time, M-F  
E-mail: [infoctr@eia.doe.gov](mailto:infoctr@eia.doe.gov)

Release Date: February 1, 2013

This report was prepared by the Energy Information Administration, the independent statistical and analytical agency within the U.S. Department of Energy. The information contained herein should be attributed to the Energy Information Administration and should not be construed as advocating or reflecting any policy position of the Department of Energy or any other organization.

# **Petroleum Supply Monthly**

**January 2013**

**With Data for November 2012**

**Energy Information Administration**  
Office of Oil and Gas  
U.S. Department of Energy  
Washington, DC 20585

**This report is available on the World Wide Web at:**

**[http://www.eia.doe.gov/oil\\_gas/petroleum/data\\_publications/petroleum\\_supply\\_monthly/psm.html](http://www.eia.doe.gov/oil_gas/petroleum/data_publications/petroleum_supply_monthly/psm.html)**

This report was prepared by the Energy Information Administration, the independent statistical and analytical agency within the U.S. Department of Energy. The information contained herein should be attributed to the Energy Information Administration and should not be construed as advocating or reflecting any policy position of the Department of Energy or any other organization.

# Preface

The *Petroleum Supply Monthly* (PSM) is the monthly component of a series of three publications produced by the Petroleum Division of the 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 a comprehensive snapshot of petroleum supply data on a weekly, monthly and yearly 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 transporters, importers, and major inventory holders of petroleum products and crude oil. When aggregated, the data reported by these sectors approximately represent the consumption of petroleum products in the United States.

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 level, 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.

## Appendices

Three appendices are provided to assist in understanding and interpreting the data presented in this publication:

- Appendix A (District Descriptions and Maps) - Geographic aggregations of the 50 States and the District of Columbia into Refining Districts which make up the PAD Districts.
- Appendix B (Explanatory Notes) - Information describing data collection, sources, estimation methodology, data quality control procedures, modifications to reporting requirements and interpretation of tables.
- Appendix D (Northeast Home Heating Oil Reserve) - Contains volumes of heating oil held in terminals by the government as a reserve to reduce the risks of home heating oil shortages.

Industry terminology and product definitions are listed alphabetically in the Glossary. Final statistics for the data series published in the *PSM*, as well as additional data from the annual refinery survey are published in the *PSA*. The *PSA* is published approximately six months after the end of the report year.

# Contents

Page

## Detailed Statistics Tables

### National Statistics

1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products.....	7
2. U.S. Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products.....	8
3. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products.....	9
4. U.S. Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products.....	10

### Supply and Disposition of Crude Oil and Petroleum Products

5. PAD District 1 .....	11
6. Year-to-Date PAD District 1 .....	12
7. Daily Average PAD District 1.....	13
8. Year-to-Date Daily Average PAD District 1.....	14
9. PAD District 2 .....	15
10. Year-to-Date PAD District 2 .....	16
11. Daily Average PAD District 2.....	17
12. Year-to-Date Daily Average PAD District 2.....	18
13. PAD District 3 .....	19
14. Year-to-Date PAD District 3 .....	20
15. Daily Average PAD District 3.....	21
16. Year-to-Date Daily Average PAD District 3.....	22
17. PAD District 4 .....	23
18. Year-to-Date PAD District 4.....	24
19. Daily Average PAD District 4.....	25
20. Year-to-Date Daily Average PAD District 4.....	26
21. PAD District 5 .....	27
22. Year-to-Date PAD District 5 .....	28
23. Daily Average PAD District 5.....	29
24. Year-to-Date Daily Average PAD District 5.....	30

### Crude Oil

25. Crude Oil Supply, Disposition, and Ending Stocks by PAD District .....	31
26. Production of Crude Oil by PAD District and State.....	32

### Natural Gas Processing

27. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts .....	33
---	----

### Refinery Operations

28. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts .....	34
29. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts.....	36
30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts.....	38
31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts .....	40
32. Blender Net Inputs of Petroleum Products by PAD District.....	42
33. Blender Net Production of Petroleum Products by PAD District .....	43
34. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts .....	44
35. Percent Yield of Petroleum Products by PAD and Refining Districts .....	46

### Imports of Crude Oil and Petroleum Products State of Entry

36. Imports of Residual Fuel Oil by Sulfur Content .....	47
--	----

### PAD District

37. Imports of Crude Oil and Petroleum Products .....	48
38. Year-to-Date Imports of Crude Oil and Petroleum Products .....	49

### Country of Origin

39. United States.....	50
40. Year-to-Date United States.....	54
41. PAD District 1 .....	58
42. PAD District 2 .....	62
43. PAD District 3 .....	66
44. PAD Districts 4 and 5.....	70
45. Year-to-Date PAD District 1 .....	74
46. Year-to-Date PAD District 2 .....	78
47. Year-to-Date PAD District 3 .....	82

48. Year-to-Date PAD Districts 4 and 5.....	86
<b>Exports of Crude Oil and Petroleum Products</b>	
49. Exports of Crude Oil and Petroleum Products by PAD District .....	90
50. Year-to-Date Exports of Crude Oil and Petroleum Products by PAD District .....	91
51. Exports of Crude Oil and Petroleum Products by Destination.....	92
52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination.....	96
<b>Net Imports</b>	
53. Net Imports of Crude Oil and Petroleum Products into the United States by Country .....	100
54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country.....	104
<b>Stocks</b>	
55. Stocks of Crude Oil and Petroleum Products by PAD District .....	108
56. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State .....	111
<b>Movements of Crude Oil and Petroleum Products</b>	
57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge 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. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts.....	119
<b>Appendices</b>	
A. District Descriptions and Maps.....	121
B. Explanatory Notes .....	123
D. Northeast Home Heating Oil Reserve.....	137
<b>Glossary</b>	
Definitions of Petroleum Products and Other Terms.....	138

**Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, November 2012**  
(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>206,778</b>	--	--	<b>243,895</b>	<b>6,326</b>	<b>3,182</b>	<b>451,615</b>	<b>2,201</b>	<b>0</b>	<b>1,073,559</b>
<b>Natural Gas Plant Liquids and Liquefied</b>										
<b>Refinery Gases</b> .....	<b>75,472</b>	<b>-538</b>	<b>10,970</b>	<b>5,341</b>	<b>--</b>	<b>-11,165</b>	<b>18,716</b>	<b>11,384</b>	<b>72,310</b>	<b>171,079</b>
Pentanes Plus .....	9,857	-538	--	654	--	-460	5,450	3,689	1,294	13,363
Liquefied Petroleum Gases .....	65,615	--	10,970	4,687	--	-10,705	13,266	7,695	71,016	157,716
Ethane/Ethylene .....	29,938	--	497	12	--	1,379	--	--	29,068	36,557
Propane/Propylene .....	22,741	--	16,504	4,089	--	-1,397	--	6,987	37,744	72,982
Normal Butane/Butylene .....	5,616	--	-5,945	411	--	-11,026	7,466	708	2,934	39,038
Isobutane/Isobutylene .....	7,320	--	-86	175	--	339	5,800	--	1,270	9,139
<b>Other Liquids</b> .....	<b>--</b>	<b>28,359</b>	<b>--</b>	<b>34,445</b>	<b>3,016</b>	<b>7,544</b>	<b>47,726</b>	<b>5,975</b>	<b>4,574</b>	<b>269,439</b>
Hydrogen/Oxygenates/Renewables/										
Other Hydrocarbons .....	--	28,363	--	2,152	5,021	1,103	31,597	2,836	0	22,834
Hydrogen .....	--	--	--	--	6,082	--	6,082	--	0	--
Oxygenates (excluding Fuel Ethanol) .....	--	1,818	--	--	34	-3	49	1,806	0	755
Renewable Fuels (including Fuel Ethanol) ...	--	26,545	--	2,028	-1,008	1,103	25,431	1,030	0	22,049
Fuel Ethanol <sup>5</sup> .....	--	25,189	--	1,962	-85	1,412	24,689	965	0	20,174
Renewable Fuels Except Fuel Ethanol .....	--	1,356	--	66	-923	-309	742	65	0	1,875
Other Hydrocarbons .....	--	--	--	124	-86	3	35	--	0	30
Unfinished Oils .....	--	--	--	18,053	--	-1,774	15,253	--	4,574	85,308
Motor Gasoline Blend.Comp. (MGBC) .....	--	-4	--	14,240	-2,006	8,213	878	3,139	0	161,291
Reformulated .....	--	--	--	3,399	7,289	3,392	6,867	429	0	46,287
Conventional .....	--	-4	--	10,841	-9,294	4,821	-5,989	2,711	0	115,004
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	2	-2	--	0	6
<b>Finished Petroleum Products</b> .....	<b>--</b>	<b>15</b>	<b>540,640</b>	<b>19,395</b>	<b>2,962</b>	<b>-775</b>	<b>--</b>	<b>82,563</b>	<b>481,224</b>	<b>294,451</b>
Finished Motor Gasoline .....	--	15	270,470	961	2,091	2,854	--	14,524	256,159	53,559
Reformulated .....	--	--	87,576	--	-6,689	-15	--	--	80,902	19
Conventional .....	--	15	182,894	961	8,779	2,869	--	14,524	175,256	53,540
Finished Aviation Gasoline .....	--	--	420	3	--	106	--	--	317	1,098
Kerosene-Type Jet Fuel .....	--	--	41,352	1,371	--	-4,274	--	4,801	42,196	40,723
Kerosene .....	--	--	343	83	--	-25	--	356	95	1,839
Distillate Fuel Oil <sup>6</sup> .....	--	--	141,049	5,661	871	-1,292	--	31,828	117,045	117,858
15 ppm sulfur and under <sup>7</sup> .....	--	--	125,810	2,859	871	685	--	23,867	104,989	84,593
Greater than 15 ppm to 500 ppm sulfur <sup>7</sup> .....	--	--	6,136	387	--	-646	--	5,141	2,028	5,362
Greater than 500 ppm sulfur .....	--	--	9,103	2,415	--	-1,331	--	2,821	10,028	27,903
Residual Fuel Oil <sup>8</sup> .....	--	--	13,364	7,084	--	110	--	11,505	8,833	37,571
Less than 0.31 percent sulfur .....	--	--	1,117	1,595	--	256	--	NA	NA	3,940
0.31 to 1.00 percent sulfur .....	--	--	2,226	1,131	--	-358	--	NA	NA	6,987
Greater than 1.00 percent sulfur .....	--	--	10,021	4,358	--	212	--	NA	NA	26,644
Petrochemical Feedstocks .....	--	--	9,250	1,627	--	530	--	--	10,347	3,514
Naphtha for Petro. Feed. Use .....	--	--	6,702	792	--	-90	--	--	7,584	1,997
Other Oils for Petro. Feed. Use .....	--	--	2,548	835	--	620	--	--	2,763	1,517
Special Naphthas .....	--	--	1,219	750	--	-86	--	1,806	249	1,146
Lubricants .....	--	--	4,117	1,114	--	-125	--	1,873	3,483	9,649
Waxes .....	--	--	187	90	--	-65	--	156	186	553
Petroleum Coke .....	--	--	26,303	172	--	169	--	14,912	11,394	8,107
Marketable .....	--	--	19,450	172	--	169	--	14,912	4,541	8,107
Catalyst .....	--	--	6,853	--	--	--	--	--	6,853	--
Asphalt and Road Oil .....	--	--	10,026	475	--	1,353	--	678	8,470	18,275
Still Gas .....	--	--	20,133	--	--	--	--	--	20,133	--
Miscellaneous Products .....	--	--	2,407	4	--	-30	--	123	2,318	559
<b>Total</b> .....	<b>282,250</b>	<b>27,836</b>	<b>551,610</b>	<b>303,076</b>	<b>12,303</b>	<b>-1,214</b>	<b>518,057</b>	<b>102,124</b>	<b>558,108</b>	<b>1,808,528</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.

<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> Exports include industrial alcohol.

<sup>6</sup> Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

<sup>7</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

<sup>8</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks.

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

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

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



**Table 2. U.S. Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-November 2012**  
(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>2,141,136</b>	--	--	<b>2,872,960</b>	<b>69,829</b>	<b>46,730</b>	<b>5,017,110</b>	<b>20,086</b>	<b>0</b>	<b>1,073,559</b>
<b>Natural Gas Plant Liquids and Liquefied Refinery Gases</b> .....	<b>803,323</b>	<b>-6,004</b>	<b>217,492</b>	<b>67,056</b>	--	<b>42,370</b>	<b>165,538</b>	<b>103,452</b>	<b>770,507</b>	<b>171,079</b>
Pentanes Plus .....	105,832	-6,004	--	10,115	--	-4,235	57,089	38,479	18,610	13,363
Liquefied Petroleum Gases .....	697,491	--	217,492	56,941	--	46,605	108,449	64,974	751,896	157,716
Ethane/Ethylene .....	326,875	--	6,120	106	--	13,665	--	--	319,436	36,557
Propane/Propylene .....	235,945	--	183,632	45,653	--	18,348	--	56,171	390,711	72,982
Normal Butane/Butylene .....	59,659	--	26,478	7,044	--	12,582	43,442	8,803	28,354	39,038
Isobutane/Isobutylene .....	75,012	--	1,262	4,138	--	2,010	65,007	--	13,395	9,139
<b>Other Liquids</b> .....	--	<b>331,570</b>	--	<b>423,721</b>	<b>-13,395</b>	<b>6,157</b>	<b>650,813</b>	<b>64,565</b>	<b>20,361</b>	<b>269,439</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons .....	--	331,604	--	14,063	45,261	1,544	349,958	39,425	0	22,834
Hydrogen .....	--	--	--	--	63,020	--	63,020	--	0	--
Oxygenates (excluding Fuel Ethanol) .....	--	19,188	--	--	1,636	-330	725	20,429	0	755
Renewable Fuels (including Fuel Ethanol) .....	--	312,416	--	11,446	-17,248	1,885	285,732	18,997	0	22,049
Fuel Ethanol <sup>5</sup> .....	--	290,694	--	10,420	-5,677	1,913	277,181	16,343	0	20,174
Renewable Fuels Except Fuel Ethanol .....	--	21,722	--	1,026	-11,570	-28	8,551	2,654	0	1,875
Other Hydrocarbons .....	--	--	--	2,617	-2,147	-11	481	--	0	30
Unfinished Oils .....	--	--	--	198,959	--	6,189	172,401	--	20,369	85,308
Motor Gasoline Blend.Comp. (MGBC) .....	--	-34	--	210,699	-58,655	-1,558	128,428	25,140	0	161,291
Reformulated .....	--	--	--	47,356	33,310	-2,760	79,913	3,513	0	46,287
Conventional .....	--	-34	--	163,343	-91,965	1,202	48,515	21,627	0	115,004
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	-18	26	--	-8	6
<b>Finished Petroleum Products</b> .....	--	<b>306</b>	<b>5,972,355</b>	<b>216,593</b>	<b>75,648</b>	<b>-38,223</b>	--	<b>865,064</b>	<b>5,438,061</b>	<b>294,451</b>
Finished Motor Gasoline .....	--	306	2,970,811	18,249	64,333	-7,881	--	136,000	2,925,579	53,559
Reformulated .....	--	--	1,003,302	--	-23,054	-183	--	715	979,715	19
Conventional .....	--	306	1,967,509	18,249	87,387	-7,698	--	135,285	1,945,864	53,540
Finished Aviation Gasoline .....	--	--	4,635	26	--	-34	--	--	4,695	1,098
Kerosene-Type Jet Fuel .....	--	--	492,810	18,484	--	-927	--	42,574	469,647	40,723
Kerosene .....	--	--	1,808	464	--	-610	--	1,575	1,307	1,839
Distillate Fuel Oil <sup>6</sup> .....	--	--	1,514,481	39,981	11,315	-31,847	--	337,201	1,260,423	117,858
15 ppm sulfur and under <sup>7</sup> .....	--	--	1,339,445	25,968	11,315	-19,982	--	239,277	1,157,434	84,593
Greater than 15 ppm to 500 ppm sulfur <sup>7</sup> .....	--	--	45,923	3,375	--	-2,516	--	46,378	5,436	5,362
Greater than 500 ppm sulfur .....	--	--	129,113	10,638	--	-9,349	--	51,547	97,553	27,903
Residual Fuel Oil <sup>6</sup> .....	--	--	163,965	85,561	--	3,517	--	125,698	120,311	37,571
Less than 0.31 percent sulfur .....	--	--	10,773	15,329	--	-567	--	NA	NA	3,940
0.31 to 1.00 percent sulfur .....	--	--	25,845	13,706	--	1,819	--	NA	NA	6,987
Greater than 1.00 percent sulfur .....	--	--	127,347	56,526	--	2,265	--	NA	NA	26,644
Petrochemical Feedstocks .....	--	--	101,347	24,546	--	336	--	--	125,557	3,514
Naphtha for Petro. Feed. Use .....	--	--	68,128	10,871	--	-43	--	--	79,042	1,997
Other Oils for Petro. Feed. Use .....	--	--	33,219	13,675	--	379	--	--	46,515	1,517
Special Naphthas .....	--	--	15,044	3,976	--	85	--	16,445	2,490	1,146
Lubricants .....	--	--	53,504	10,064	--	-261	--	25,287	38,542	9,649
Waxes .....	--	--	2,741	1,332	--	4	--	1,824	2,245	553
Petroleum Coke .....	--	--	281,938	3,475	--	735	--	166,542	118,136	8,107
Marketable .....	--	--	206,684	3,475	--	735	--	166,542	42,882	8,107
Catalyst .....	--	--	75,254	--	--	--	--	--	75,254	--
Asphalt and Road Oil .....	--	--	116,882	10,364	--	-1,327	--	10,478	118,095	18,275
Still Gas .....	--	--	225,765	--	--	--	--	--	225,765	--
Miscellaneous Products .....	--	--	26,624	71	--	-13	--	1,439	25,269	559
<b>Total</b> .....	<b>2,944,459</b>	<b>325,872</b>	<b>6,189,847</b>	<b>3,580,330</b>	<b>132,083</b>	<b>57,034</b>	<b>5,833,461</b>	<b>1,053,166</b>	<b>6,228,929</b>	<b>1,808,528</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.

<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> Exports include industrial alcohol.

<sup>6</sup> Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

<sup>7</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

<sup>8</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

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

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



**Table 3. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, November 2012**  
(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>6,893</b>	--	--	<b>8,130</b>	<b>211</b>	<b>106</b>	<b>15,054</b>	<b>73</b>	<b>0</b>
<b>Natural Gas Plant Liquids and Liquefied</b>									
<b>Refinery Gases</b> .....	<b>2,516</b>	<b>-18</b>	<b>366</b>	<b>178</b>	--	<b>-372</b>	<b>624</b>	<b>379</b>	<b>2,410</b>
Pentanes Plus .....	329	-18	--	22	--	-15	182	123	43
Liquefied Petroleum Gases .....	2,187	--	366	156	--	-357	442	257	2,367
Ethane/Ethylene .....	998	--	17	0	--	46	--	--	969
Propane/Propylene .....	758	--	550	136	--	-47	--	233	1,258
Normal Butane/Butylene .....	187	--	-198	14	--	-368	249	24	98
Isobutane/Isobutylene .....	244	--	-3	6	--	11	193	--	42
<b>Other Liquids</b> .....	--	<b>945</b>	--	<b>1,148</b>	<b>101</b>	<b>251</b>	<b>1,591</b>	<b>199</b>	<b>152</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	--	945	--	72	167	37	1,053	95	0
Hydrogen .....	--	--	--	--	203	--	203	--	0
Oxygenates (excluding Fuel Ethanol) .....	--	61	--	--	1	0	2	60	0
Renewable Fuels (including Fuel Ethanol) .....	--	885	--	68	-34	37	848	34	0
Fuel Ethanol <sup>5</sup> .....	--	840	--	65	-3	47	823	32	0
Renewable Fuels Except Fuel Ethanol .....	--	45	--	2	-31	-10	25	2	0
Other Hydrocarbons .....	--	--	--	4	-3	0	1	--	0
Unfinished Oils .....	--	--	--	602	--	-59	508	--	152
Motor Gasoline Blend.Comp. (MGBC) .....	--	0	--	475	-67	274	29	105	0
Reformulated .....	--	--	--	113	243	113	229	14	0
Conventional .....	--	0	--	361	-310	161	-200	90	0
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	0	0	--	0
<b>Finished Petroleum Products</b> .....	--	<b>1</b>	<b>18,021</b>	<b>647</b>	<b>99</b>	<b>-26</b>	--	<b>2,752</b>	<b>16,041</b>
Finished Motor Gasoline .....	--	1	9,016	32	70	95	--	484	8,539
Reformulated .....	--	--	2,919	--	-223	-1	--	--	2,697
Conventional .....	--	1	6,096	32	293	96	--	484	5,842
Finished Aviation Gasoline .....	--	--	14	0	--	4	--	--	11
Kerosene-Type Jet Fuel .....	--	--	1,378	46	--	-142	--	160	1,407
Kerosene .....	--	--	11	3	--	-1	--	12	3
Distillate Fuel Oil <sup>6</sup> .....	--	--	4,702	189	29	-43	--	1,061	3,902
15 ppm sulfur and under <sup>7</sup> .....	--	--	4,194	95	29	23	--	796	3,500
Greater than 15 ppm to 500 ppm sulfur <sup>7</sup> .....	--	--	205	13	--	-22	--	171	68
Greater than 500 ppm sulfur .....	--	--	303	81	--	-44	--	94	334
Residual Fuel Oil <sup>8</sup> .....	--	--	445	236	--	4	--	383	294
Less than 0.31 percent sulfur .....	--	--	37	53	--	9	--	NA	NA
0.31 to 1.00 percent sulfur .....	--	--	74	38	--	-12	--	NA	NA
Greater than 1.00 percent sulfur .....	--	--	334	145	--	7	--	NA	NA
Petrochemical Feedstocks .....	--	--	308	54	--	18	--	--	345
Naphtha for Petro. Feed. Use .....	--	--	223	26	--	-3	--	--	253
Other Oils for Petro. Feed. Use .....	--	--	85	28	--	21	--	--	92
Special Naphthas .....	--	--	41	25	--	-3	--	60	8
Lubricants .....	--	--	137	37	--	-4	--	62	116
Waxes .....	--	--	6	3	--	-2	--	5	6
Petroleum Coke .....	--	--	877	6	--	6	--	497	380
Marketable .....	--	--	648	6	--	6	--	497	151
Catalyst .....	--	--	228	--	--	--	--	--	228
Asphalt and Road Oil .....	--	--	334	16	--	45	--	23	282
Still Gas .....	--	--	671	--	--	--	--	--	671
Miscellaneous Products .....	--	--	80	0	--	-1	--	4	77
<b>Total</b> .....	<b>9,408</b>	<b>928</b>	<b>18,387</b>	<b>10,103</b>	<b>410</b>	<b>-40</b>	<b>17,269</b>	<b>3,404</b>	<b>18,604</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.

<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> Exports include industrial alcohol.

<sup>6</sup> Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

<sup>7</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

<sup>8</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks.

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

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

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

**Table 4. U.S. Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-November 2012**  
(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>6,391</b>	--	--	<b>8,576</b>	<b>208</b>	<b>139</b>	<b>14,976</b>	<b>60</b>	<b>0</b>
<b>Natural Gas Plant Liquids and Liquefied</b>									
<b>Refinery Gases</b> .....	<b>2,398</b>	<b>-18</b>	<b>649</b>	<b>200</b>	--	<b>126</b>	<b>494</b>	<b>309</b>	<b>2,300</b>
Pentanes Plus .....	316	-18	--	30	--	-13	170	115	56
Liquefied Petroleum Gases .....	2,082	--	649	170	--	139	324	194	2,244
Ethane/Ethylene .....	976	--	18	0	--	41	--	--	954
Propane/Propylene .....	704	--	548	136	--	55	--	168	1,166
Normal Butane/Butylene .....	178	--	79	21	--	38	130	26	85
Isobutane/Isobutylene .....	224	--	4	12	--	6	194	--	40
<b>Other Liquids</b> .....	--	<b>990</b>	--	<b>1,265</b>	<b>-40</b>	<b>18</b>	<b>1,943</b>	<b>193</b>	<b>61</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	--	990	--	42	135	5	1,045	118	0
Hydrogen .....	--	--	--	--	188	--	188	--	0
Oxygenates (excluding Fuel Ethanol) .....	--	57	--	--	5	-1	2	61	0
Renewable Fuels (including Fuel Ethanol) ...	--	933	--	34	-51	6	853	57	0
Fuel Ethanol <sup>5</sup> .....	--	868	--	31	-17	6	827	49	0
Renewable Fuels Except Fuel Ethanol .....	--	65	--	3	-35	0	26	8	0
Other Hydrocarbons .....	--	--	--	8	-6	0	1	--	0
Unfinished Oils .....	--	--	--	594	--	18	515	--	61
Motor Gasoline Blend.Comp. (MGBC) .....	--	0	--	629	-175	-5	383	75	0
Reformulated .....	--	--	--	141	99	-8	239	10	0
Conventional .....	--	0	--	488	-275	4	145	65	0
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	0	0	--	0
<b>Finished Petroleum Products</b> .....	--	<b>1</b>	<b>17,828</b>	<b>647</b>	<b>226</b>	<b>-114</b>	--	<b>2,582</b>	<b>16,233</b>
Finished Motor Gasoline .....	--	1	8,868	54	192	-24	--	406	8,733
Reformulated .....	--	--	2,995	--	-69	-1	--	2	2,925
Conventional .....	--	1	5,873	54	261	-23	--	404	5,809
Finished Aviation Gasoline .....	--	--	14	0	--	0	--	--	14
Kerosene-Type Jet Fuel .....	--	--	1,471	55	--	-3	--	127	1,402
Kerosene .....	--	--	5	1	--	-2	--	5	4
Distillate Fuel Oil <sup>6</sup> .....	--	--	4,521	119	34	-95	--	1,007	3,762
15 ppm sulfur and under <sup>7</sup> .....	--	--	3,998	78	34	-60	--	714	3,455
Greater than 15 ppm to 500 ppm sulfur <sup>7</sup> .....	--	--	137	10	--	-8	--	138	16
Greater than 500 ppm sulfur .....	--	--	385	32	--	-28	--	154	291
Residual Fuel Oil <sup>8</sup> .....	--	--	489	255	--	10	--	375	359
Less than 0.31 percent sulfur .....	--	--	32	46	--	-2	--	NA	NA
0.31 to 1.00 percent sulfur .....	--	--	77	41	--	5	--	NA	NA
Greater than 1.00 percent sulfur .....	--	--	380	169	--	7	--	NA	NA
Petrochemical Feedstocks .....	--	--	303	73	--	1	--	--	375
Naphtha for Petro. Feed. Use .....	--	--	203	32	--	0	--	--	236
Other Oils for Petro. Feed. Use .....	--	--	99	41	--	1	--	--	139
Special Naphthas .....	--	--	45	12	--	0	--	49	7
Lubricants .....	--	--	160	30	--	-1	--	75	115
Waxes .....	--	--	8	4	--	0	--	5	7
Petroleum Coke .....	--	--	842	10	--	2	--	497	353
Marketable .....	--	--	617	10	--	2	--	497	128
Catalyst .....	--	--	225	--	--	--	--	--	225
Asphalt and Road Oil .....	--	--	349	31	--	-4	--	31	353
Still Gas .....	--	--	674	--	--	--	--	--	674
Miscellaneous Products .....	--	--	79	0	--	0	--	4	75
<b>Total</b> .....	<b>8,789</b>	<b>973</b>	<b>18,477</b>	<b>10,688</b>	<b>394</b>	<b>170</b>	<b>17,413</b>	<b>3,144</b>	<b>18,594</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.

<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> Exports include industrial alcohol.

<sup>6</sup> Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

<sup>7</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

<sup>8</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks.

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

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

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

**Table 5. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, November 2012**  
(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>	775	--	--	25,521	73	2,480	1,357	27,120	372	0	11,185
<b>Natural Gas Plant Liquids and Liquefied Refinery Gases</b>	1,613	-6	361	1,567	3,069	--	-1,034	653	189	6,796	6,747
Pentanes Plus	278	-6	--	--	--	--	15	--	20	237	52
Liquefied Petroleum Gases	1,335	--	361	1,567	3,069	--	-1,049	653	169	6,559	6,695
Ethane/Ethylene	14	--	--	--	--	--	--	--	--	14	--
Propane/Propylene	909	--	701	1,483	2,971	--	-1,037	--	166	6,935	5,075
Normal Butane/Butylene	192	--	-248	14	98	--	-47	452	3	-352	1,269
Isobutane/Isobutylene	220	--	-92	70	--	--	35	201	--	-38	351
<b>Other Liquids</b>	--	616	--	16,077	45,470	9,970	1,427	72,299	40	-1,633	55,622
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	619	--	1,732	7,974	-216	559	9,517	33	0	7,699
Hydrogen	--	--	--	--	--	141	--	141	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	7	--	--	7	0	--
Renewable Fuels (including Fuel Ethanol)	--	619	--	1,681	7,974	-313	559	9,376	26	0	7,699
Fuel Ethanol <sup>6</sup>	--	564	--	1,624	7,651	-32	595	9,187	25	0	7,104
Renewable Fuels Except Fuel Ethanol	--	55	--	57	323	-282	-36	189	1	0	595
Other Hydrocarbons	--	--	--	51	--	-51	--	--	--	0	--
Unfinished Oils	--	--	--	860	-3	--	145	2,345	--	-1,633	7,203
Motor Gasoline Blend.Comp. (MGBC)	--	-3	--	13,485	37,499	10,185	723	60,437	6	0	40,720
Reformulated	--	--	--	3,399	8,717	4,773	737	16,150	2	0	14,381
Conventional	--	-3	--	10,086	28,782	5,413	-14	44,287	5	0	26,339
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	--	--	101,024	10,964	46,937	-9,929	-260	--	2,701	146,555	72,774
Finished Motor Gasoline	--	--	84,271	773	10,100	-10,154	483	--	62	84,445	7,879
Reformulated	--	--	33,809	--	--	-3,565	-11	--	--	30,255	7
Conventional	--	--	50,462	773	10,100	-6,589	494	--	62	54,190	7,872
Finished Aviation Gasoline	--	--	--	2	44	--	41	--	--	5	160
Kerosene-Type Jet Fuel	--	--	1,615	555	15,019	--	-1,138	--	155	18,172	9,606
Kerosene	--	--	-32	82	--	--	72	--	1	-23	1,362
Distillate Fuel Oil <sup>7</sup>	--	--	9,084	4,870	20,362	225	-856	--	629	34,768	39,227
15 ppm sulfur and under <sup>8</sup>	--	--	6,344	2,649	16,016	225	-334	--	14	25,553	18,145
Greater than 15 ppm to 500 ppm sulfur <sup>8</sup>	--	--	245	321	121	--	90	--	613	-16	978
Greater than 500 ppm sulfur	--	--	2,495	1,900	4,225	--	-612	--	1	9,231	20,104
Residual Fuel Oil <sup>9</sup>	--	--	1,662	4,348	612	--	908	--	794	4,920	9,613
Less than 0.31 percent sulfur	--	--	537	784	--	--	-190	--	NA	NA	1,448
0.31 to 1.00 percent sulfur	--	--	218	646	187	--	222	--	NA	NA	3,706
Greater than 1.00 percent sulfur	--	--	907	2,918	425	--	876	--	NA	NA	4,459
Petrochemical Feedstocks	--	--	131	6	37	--	2	--	--	172	198
Naphtha for Petro. Feed. Use	--	--	131	1	65	--	2	--	--	195	198
Other Oils for Petro. Feed. Use	--	--	--	5	-28	--	--	--	--	-23	--
Special Naphthas	--	--	23	--	--	--	2	--	6	15	28
Lubricants	--	--	421	94	493	--	123	--	134	751	1,166
Waxes	--	--	-5	55	--	--	13	--	63	-26	231
Petroleum Coke	--	--	924	1	--	--	--	--	564	361	--
Marketable	--	--	330	1	--	--	--	--	564	-233	--
Catalyst	--	--	594	--	--	--	--	--	--	594	--
Asphalt and Road Oil	--	--	1,741	178	270	--	91	--	277	1,821	3,278
Still Gas	--	--	1,105	--	--	--	--	--	--	1,105	--
Miscellaneous Products	--	--	84	--	--	--	-1	--	17	68	26
<b>Total</b>	<b>2,388</b>	<b>610</b>	<b>101,385</b>	<b>54,129</b>	<b>95,549</b>	<b>2,521</b>	<b>1,490</b>	<b>100,072</b>	<b>3,302</b>	<b>151,718</b>	<b>146,328</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> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<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.

<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> Exports include industrial alcohol.

<sup>7</sup> Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

<sup>8</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

<sup>9</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

**Table 6. PAD District 1 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-November 2012**  
(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>7,940</b>	--	--	<b>291,787</b>	<b>3,150</b>	<b>15,854</b>	<b>1,283</b>	<b>314,470</b>	<b>2,979</b>	<b>0</b>	<b>11,185</b>
<b>Natural Gas Plant Liquids and Liquefied Refinery Gases</b>	<b>14,700</b>	<b>-77</b>	<b>13,329</b>	<b>15,878</b>	<b>23,113</b>	--	<b>-871</b>	<b>6,314</b>	<b>2,550</b>	<b>58,950</b>	<b>6,747</b>
Pentanes Plus	2,517	-77	--	185	-19	--	21	39	254	2,292	52
Liquefied Petroleum Gases	12,183	--	13,329	15,693	23,132	--	-892	6,275	2,296	56,658	6,695
Ethane/Ethylene	155	--	93	--	--	--	0	--	--	248	--
Propane/Propylene	8,188	--	11,772	14,079	23,012	--	-554	--	1,059	56,546	5,075
Normal Butane/Butylene	1,858	--	1,655	559	120	--	-435	2,718	1,236	673	1,269
Isobutane/Isobutylene	1,982	--	-191	1,055	--	--	97	3,557	--	-808	351
<b>Other Liquids</b>	--	<b>7,486</b>	--	<b>242,665</b>	<b>517,723</b>	<b>51,549</b>	<b>-6,313</b>	<b>830,625</b>	<b>3,677</b>	<b>-8,567</b>	<b>55,622</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	7,510	--	10,675	98,296	-5,744	801	107,905	2,030	0	7,699
Hydrogen	--	--	--	--	--	1,323	--	1,323	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	38	--	--	38	0	--
Renewable Fuels (including Fuel Ethanol)	--	7,510	--	9,025	98,296	-5,456	801	106,582	1,992	0	7,699
Fuel Ethanol <sup>6</sup>	--	6,170	--	8,360	94,817	-2,133	952	104,357	1,905	0	7,104
Renewable Fuels Except Fuel Ethanol	--	1,340	--	665	3,479	-3,322	-151	2,225	87	0	595
Other Hydrocarbons	--	--	--	1,650	--	-1,650	--	--	--	0	--
Unfinished Oils	--	--	--	36,102	-240	--	1,701	42,728	--	-8,567	7,203
Motor Gasoline Blend.Comp. (MGBC)	--	-24	--	195,888	419,667	57,293	-8,815	679,992	1,647	0	40,720
Reformulated	--	--	--	46,955	89,235	15,615	-3,984	155,782	7	0	14,381
Conventional	--	-24	--	148,933	330,432	41,678	-4,831	524,210	1,640	0	26,339
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	--	--	<b>1,156,877</b>	<b>117,787</b>	<b>522,608</b>	<b>-52,169</b>	<b>-19,188</b>	--	<b>77,254</b>	<b>1,687,037</b>	<b>72,774</b>
Finished Motor Gasoline	--	--	955,371	11,880	116,114	-55,159	-1,692	--	1,034	1,028,863	7,879
Reformulated	--	--	397,029	--	80	-1,606	-157	--	33	395,628	7
Conventional	--	--	558,342	11,880	116,034	-53,553	-1,535	--	1,002	633,236	7,872
Finished Aviation Gasoline	--	--	-1	11	2,604	--	-11	--	--	2,625	160
Kerosene-Type Jet Fuel	--	--	17,104	7,539	157,165	--	-714	--	1,027	181,495	9,606
Kerosene	--	--	50	317	--	--	-367	--	412	322	1,362
Distillate Fuel Oil <sup>7</sup>	--	--	114,580	33,275	235,987	2,990	-15,977	--	44,307	358,502	39,227
15 ppm sulfur and under <sup>8</sup>	--	--	76,733	21,989	187,066	2,990	-4,157	--	10,379	282,556	18,145
Greater than 15 ppm to 500 ppm sulfur <sup>8</sup>	--	--	1,725	2,224	4,876	--	-1,762	--	12,538	-1,951	978
Greater than 500 ppm sulfur	--	--	36,122	9,062	44,045	--	-10,058	--	21,390	77,897	20,104
Residual Fuel Oil <sup>9</sup>	--	--	18,574	55,860	2,290	--	60	--	16,283	60,381	9,613
Less than 0.31 percent sulfur	--	--	4,915	13,020	--	--	-654	--	NA	NA	1,448
0.31 to 1.00 percent sulfur	--	--	1,760	5,857	313	--	1,527	--	NA	NA	3,706
Greater than 1.00 percent sulfur	--	--	11,899	36,983	1,977	--	-813	--	NA	NA	4,459
Petrochemical Feedstocks	--	--	1,314	677	245	--	24	--	--	2,212	198
Naphtha for Petro. Feed. Use	--	--	1,314	625	509	--	24	--	--	2,424	198
Other Oils for Petro. Feed. Use	--	--	--	52	-264	--	--	--	--	-212	--
Special Naphthas	--	--	254	85	--	--	-14	--	1,188	-835	28
Lubricants	--	--	4,928	1,410	4,344	--	15	--	2,265	8,402	1,166
Waxes	--	--	65	726	--	--	13	--	755	23	231
Petroleum Coke	--	--	12,305	864	--	--	--	--	6,835	6,334	--
Marketable	--	--	4,112	864	--	--	--	--	6,835	-1,859	--
Catalyst	--	--	8,193	--	--	--	--	--	--	8,193	--
Asphalt and Road Oil	--	--	18,598	5,143	3,859	--	-513	--	2,978	25,135	3,278
Still Gas	--	--	12,766	--	--	--	--	--	--	12,766	--
Miscellaneous Products	--	--	969	--	--	--	-12	--	171	810	26
<b>Total</b>	<b>22,640</b>	<b>7,409</b>	<b>1,170,206</b>	<b>668,117</b>	<b>1,066,594</b>	<b>15,234</b>	<b>-25,089</b>	<b>1,151,409</b>	<b>86,460</b>	<b>1,737,420</b>	<b>146,328</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> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<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.

<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> Exports include industrial alcohol.

<sup>7</sup> Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

<sup>8</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

<sup>9</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

**Table 7. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, November 2012**  
(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> .....	26	--	--	851	2	83	45	904	12	0
<b>Natural Gas Plant Liquids and Liquefied</b>										
<b>Refinery Gases</b> .....	54	0	12	52	102	--	-34	22	6	227
Pentanes Plus .....	9	0	--	--	--	--	1	--	1	8
Liquefied Petroleum Gases .....	45	--	12	52	102	--	-35	22	6	219
Ethane/Ethylene .....	0	--	--	--	--	--	--	--	--	0
Propane/Propylene .....	30	--	23	49	99	--	-35	--	6	231
Normal Butane/Butylene .....	6	--	-8	0	3	--	-2	15	0	-12
Isobutane/Isobutylene .....	7	--	-3	2	--	--	1	7	--	-1
<b>Other Liquids</b> .....	--	21	--	536	1,516	332	48	2,410	1	-54
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	--	21	--	58	266	-7	19	317	1	0
Hydrogen .....	--	--	--	--	--	5	--	5	--	0
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol) ...	--	21	--	56	266	-10	19	313	1	0
Fuel Ethanol <sup>6</sup> .....	--	19	--	54	255	-1	20	306	1	0
Renewable Fuels Except Fuel Ethanol .....	--	2	--	2	11	-9	-1	6	0	0
Other Hydrocarbons .....	--	--	--	2	--	-2	--	--	--	0
Unfinished Oils .....	--	--	--	29	0	--	5	78	--	-54
Motor Gasoline Blend.Comp. (MGBC) .....	--	0	--	450	1,250	340	24	2,015	0	0
Reformulated .....	--	--	--	113	291	159	25	538	0	0
Conventional .....	--	0	--	336	959	180	0	1,476	0	0
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b> .....	--	--	3,367	365	1,565	-331	-9	--	90	4,885
Finished Motor Gasoline .....	--	--	2,809	26	337	-338	16	--	2	2,815
Reformulated .....	--	--	1,127	--	--	-119	0	--	--	1,009
Conventional .....	--	--	1,682	26	337	-220	16	--	2	1,806
Finished Aviation Gasoline .....	--	--	--	0	1	--	1	--	--	0
Kerosene-Type Jet Fuel .....	--	--	54	19	501	--	-38	--	5	606
Kerosene .....	--	--	-1	3	--	--	2	--	0	-1
Distillate Fuel Oil <sup>7</sup> .....	--	--	303	162	679	7	-29	--	21	1,159
15 ppm sulfur and under <sup>8</sup> .....	--	--	211	88	534	7	-11	--	0	852
Greater than 15 ppm to 500 ppm sulfur <sup>8</sup> .....	--	--	8	11	4	--	3	--	20	-1
Greater than 500 ppm sulfur .....	--	--	83	63	141	--	-20	--	0	308
Residual Fuel Oil <sup>9</sup> .....	--	--	55	145	20	--	30	--	26	164
Less than 0.31 percent sulfur .....	--	--	18	26	--	--	-6	--	NA	NA
0.31 to 1.00 percent sulfur .....	--	--	7	22	6	--	7	--	NA	NA
Greater than 1.00 percent sulfur .....	--	--	30	97	14	--	29	--	NA	NA
Petrochemical Feedstocks .....	--	--	4	0	1	--	0	--	--	6
Naphtha for Petro. Feed. Use .....	--	--	4	0	2	--	0	--	--	7
Other Oils for Petro. Feed. Use .....	--	--	--	0	-1	--	--	--	--	-1
Special Naphthas .....	--	--	1	--	--	--	0	--	0	0
Lubricants .....	--	--	14	3	16	--	4	--	4	25
Waxes .....	--	--	0	2	--	--	0	--	2	-1
Petroleum Coke .....	--	--	31	0	--	--	--	--	19	12
Marketable .....	--	--	11	0	--	--	--	--	19	-8
Catalyst .....	--	--	20	--	--	--	--	--	--	20
Asphalt and Road Oil .....	--	--	58	6	9	--	3	--	9	61
Still Gas .....	--	--	37	--	--	--	--	--	--	37
Miscellaneous Products .....	--	--	3	--	--	--	0	--	1	2
<b>Total</b> .....	<b>80</b>	<b>20</b>	<b>3,380</b>	<b>1,804</b>	<b>3,185</b>	<b>84</b>	<b>50</b>	<b>3,336</b>	<b>110</b>	<b>5,057</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> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<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.

<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> Exports include industrial alcohol.

<sup>7</sup> Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

<sup>8</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

<sup>9</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.



**Table 8. PAD District 1 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-November 2012**  
(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> .....	24	--	--	871	9	47	4	939	9	0
<b>Natural Gas Plant Liquids and Liquefied</b>										
<b>Refinery Gases</b> .....	44	0	40	47	69	--	-3	19	8	176
Pentanes Plus .....	8	0	--	1	0	--	0	0	1	7
Liquefied Petroleum Gases .....	36	--	40	47	69	--	-3	19	7	169
Ethane/Ethylene .....	0	--	0	--	--	--	0	--	--	1
Propane/Propylene .....	24	--	35	42	69	--	-2	--	3	169
Normal Butane/Butylene .....	6	--	5	2	0	--	-1	8	4	2
Isobutane/Isobutylene .....	6	--	-1	3	--	--	0	11	--	-2
<b>Other Liquids</b> .....	--	22	--	724	1,545	154	-19	2,479	11	-26
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	--	22	--	32	293	-17	2	322	6	0
Hydrogen .....	--	--	--	--	--	4	--	4	--	0
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol) ...	--	22	--	27	293	-16	2	318	6	0
Fuel Ethanol <sup>6</sup> .....	--	18	--	25	283	-6	3	312	6	0
Renewable Fuels Except Fuel Ethanol .....	--	4	--	2	10	-10	0	7	0	0
Other Hydrocarbons .....	--	--	--	5	--	-5	--	--	--	0
Unfinished Oils .....	--	--	--	108	-1	--	5	128	--	-26
Motor Gasoline Blend.Comp. (MGBC) .....	--	0	--	585	1,253	171	-26	2,030	5	0
Reformulated .....	--	--	--	140	266	47	-12	465	0	0
Conventional .....	--	0	--	445	986	124	-14	1,565	5	0
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b> .....	--	--	3,453	352	1,560	-156	-57	--	231	5,036
Finished Motor Gasoline .....	--	--	2,852	35	347	-165	-5	--	3	3,071
Reformulated .....	--	--	1,185	--	0	-5	0	--	0	1,181
Conventional .....	--	--	1,667	35	346	-160	-5	--	3	1,890
Finished Aviation Gasoline .....	--	--	0	0	8	--	0	--	--	8
Kerosene-Type Jet Fuel .....	--	--	51	23	469	--	-2	--	3	542
Kerosene .....	--	--	0	1	--	--	-1	--	1	1
Distillate Fuel Oil <sup>7</sup> .....	--	--	342	99	704	9	-48	--	132	1,070
15 ppm sulfur and under <sup>8</sup> .....	--	--	229	66	558	9	-12	--	31	843
Greater than 15 ppm to 500 ppm sulfur <sup>8</sup> .....	--	--	5	7	15	--	-5	--	37	-6
Greater than 500 ppm sulfur .....	--	--	108	27	131	--	-30	--	64	233
Residual Fuel Oil <sup>9</sup> .....	--	--	55	167	7	--	0	--	49	180
Less than 0.31 percent sulfur .....	--	--	15	39	--	--	-2	--	NA	NA
0.31 to 1.00 percent sulfur .....	--	--	5	17	1	--	5	--	NA	NA
Greater than 1.00 percent sulfur .....	--	--	36	110	6	--	-2	--	NA	NA
Petrochemical Feedstocks .....	--	--	4	2	1	--	0	--	--	7
Naphtha for Petro. Feed. Use .....	--	--	4	2	2	--	0	--	--	7
Other Oils for Petro. Feed. Use .....	--	--	--	0	-1	--	--	--	--	-1
Special Naphthas .....	--	--	1	0	--	--	0	--	4	-2
Lubricants .....	--	--	15	4	13	--	0	--	7	25
Waxes .....	--	--	0	2	--	--	0	--	2	0
Petroleum Coke .....	--	--	37	3	--	--	--	--	20	19
Marketable .....	--	--	12	3	--	--	--	--	20	-6
Catalyst .....	--	--	24	--	--	--	--	--	--	24
Asphalt and Road Oil .....	--	--	56	15	12	--	-2	--	9	75
Still Gas .....	--	--	38	--	--	--	--	--	--	38
Miscellaneous Products .....	--	--	3	--	--	--	0	--	1	2
<b>Total</b> .....	<b>68</b>	<b>22</b>	<b>3,493</b>	<b>1,994</b>	<b>3,184</b>	<b>45</b>	<b>-75</b>	<b>3,437</b>	<b>258</b>	<b>5,186</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> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<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.

<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> Exports include industrial alcohol.

<sup>7</sup> Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

<sup>8</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

<sup>9</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

**Table 9. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, November 2012**  
(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>36,208</b>	--	--	<b>47,952</b>	<b>24,426</b>	<b>-3,830</b>	<b>3,344</b>	<b>99,582</b>	<b>1,829</b>	<b>0</b>	<b>108,952</b>
<b>Natural Gas Plant Liquids and Liquefied Refinery Gases</b>	<b>13,145</b>	<b>-495</b>	<b>1,036</b>	<b>2,466</b>	<b>455</b>	--	<b>-5,344</b>	<b>4,490</b>	<b>3,345</b>	<b>14,116</b>	<b>52,117</b>
Pentanes Plus	1,534	-495	--	11	2,331	--	-379	1,019	3,232	-491	6,641
Liquefied Petroleum Gases	11,611	--	1,036	2,455	-1,876	--	-4,965	3,471	112	14,608	45,476
Ethane/Ethylene	4,392	--	--	12	-2,963	--	-262	--	--	1,703	3,996
Propane/Propylene	4,824	--	3,020	2,160	-347	--	-1,148	--	42	10,763	26,106
Normal Butane/Butylene	1,414	--	-1,997	197	860	--	-3,644	2,020	71	2,027	13,024
Isobutane/Isobutylene	981	--	13	86	574	--	89	1,451	--	114	2,350
<b>Other Liquids</b>	--	<b>24,225</b>	--	<b>115</b>	<b>-7,354</b>	<b>-5,425</b>	<b>1,170</b>	<b>9,673</b>	<b>688</b>	<b>30</b>	<b>47,167</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	24,226	--	65	-15,973	293	266	7,718	628	0	7,199
Hydrogen	--	--	--	--	--	665	--	665	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0	--
Renewable Fuels (including Fuel Ethanol)	--	24,226	--	9	-15,973	-354	263	7,018	627	0	7,169
Fuel Ethanol <sup>6</sup>	--	23,175	--	--	-15,453	-23	335	6,740	624	0	6,656
Renewable Fuels Except Fuel Ethanol	--	1,051	--	9	-520	-330	-72	278	3	0	513
Other Hydrocarbons	--	--	--	56	--	-18	3	35	--	0	30
Unfinished Oils	--	--	--	--	-38	--	-190	122	--	30	13,512
Motor Gasoline Blend.Comp. (MGBC)	--	-1	--	50	8,657	-5,718	1,094	1,833	61	0	26,456
Reformulated	--	--	--	--	1,641	-566	469	606	--	0	5,701
Conventional	--	-1	--	50	7,016	-5,152	625	1,227	61	0	20,755
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	--	<b>15</b>	<b>119,098</b>	<b>837</b>	<b>3,438</b>	<b>6,072</b>	<b>-1,281</b>	--	<b>1,414</b>	<b>129,327</b>	<b>66,686</b>
Finished Motor Gasoline	--	15	67,333	44	933	5,741	738	--	1	73,327	20,842
Reformulated	--	--	10,814	--	--	389	--	--	--	11,203	--
Conventional	--	15	56,519	44	933	5,353	738	--	1	62,124	20,842
Finished Aviation Gasoline	--	--	56	1	--	--	36	--	--	21	183
Kerosene-Type Jet Fuel	--	--	5,793	--	713	--	-574	--	139	6,941	7,572
Kerosene	--	--	93	1	--	--	-61	--	5	150	173
Distillate Fuel Oil	--	--	29,969	165	2,466	330	-1,861	--	88	34,703	26,079
15 ppm sulfur and under <sup>7</sup>	--	--	30,576	146	3,791	330	-1,285	--	6	36,123	24,445
Greater than 15 ppm to 500 ppm sulfur <sup>7</sup>	--	--	122	7	-1,325	--	-131	--	16	-1,081	939
Greater than 500 ppm sulfur	--	--	-729	12	--	--	-445	--	66	-338	695
Residual Fuel Oil <sup>8</sup>	--	--	1,319	169	-812	--	-222	--	326	572	1,305
Less than 0.31 percent sulfur	--	--	--	2	--	--	28	--	NA	NA	202
0.31 to 1.00 percent sulfur	--	--	151	84	--	--	-30	--	NA	NA	143
Greater than 1.00 percent sulfur	--	--	1,168	83	-812	--	-220	--	NA	NA	960
Petrochemical Feedstocks	--	--	1,278	120	-14	--	-4	--	--	1,388	644
Naphtha for Petro. Feed. Use	--	--	943	68	-42	--	6	--	--	963	549
Other Oils for Petro. Feed. Use	--	--	335	52	28	--	-10	--	--	425	95
Special Naphthas	--	--	-23	26	8	--	-19	--	14	16	96
Lubricants	--	--	35	86	258	--	-123	--	236	266	671
Waxes	--	--	12	9	--	--	-27	--	40	8	29
Petroleum Coke	--	--	4,533	53	--	--	80	--	466	4,040	1,001
Marketable	--	--	3,072	53	--	--	80	--	466	2,579	1,001
Catalyst	--	--	1,461	--	--	--	--	--	--	1,461	--
Asphalt and Road Oil	--	--	4,507	160	-114	--	799	--	98	3,656	8,018
Still Gas	--	--	3,829	--	--	--	--	--	--	3,829	--
Miscellaneous Products	--	--	364	3	--	--	-43	--	1	409	73
<b>Total</b>	<b>49,353</b>	<b>23,745</b>	<b>120,134</b>	<b>51,370</b>	<b>20,965</b>	<b>-3,183</b>	<b>-2,111</b>	<b>113,745</b>	<b>7,276</b>	<b>143,474</b>	<b>274,922</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> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<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.

<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> Exports include industrial alcohol.

<sup>7</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

<sup>8</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks.

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

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.



**Table 10. PAD District 2 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-November 2012**  
(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>366,546</b>	--	--	<b>572,385</b>	<b>264,567</b>	<b>-20,276</b>	<b>15,763</b>	<b>1,151,645</b>	<b>15,814</b>	<b>0</b>	<b>108,952</b>
<b>Natural Gas Plant Liquids and Liquefied Refinery Gases</b>	<b>149,859</b>	<b>-5,547</b>	<b>43,456</b>	<b>35,438</b>	<b>-8,056</b>	--	<b>3,920</b>	<b>33,704</b>	<b>37,075</b>	<b>140,451</b>	<b>52,117</b>
Pentanes Plus	16,630	-5,547	--	202	27,230	--	-1,646	10,191	33,285	-3,315	6,641
Liquefied Petroleum Gases	133,229	--	43,456	35,236	-35,286	--	5,566	23,513	3,791	143,765	45,476
Ethane/Ethylene	55,359	--	--	106	-35,833	--	-310	--	--	19,942	3,996
Propane/Propylene	51,611	--	36,308	27,290	-7,092	--	2,966	--	544	104,607	26,106
Normal Butane/Butylene	16,441	--	6,483	4,869	2,993	--	2,626	8,260	3,246	16,654	13,024
Isobutane/Isobutylene	9,818	--	665	2,971	4,646	--	284	15,253	--	2,563	2,350
<b>Other Liquids</b>	--	<b>283,077</b>	--	<b>1,587</b>	<b>-85,733</b>	<b>-62,039</b>	<b>61</b>	<b>127,778</b>	<b>8,196</b>	<b>857</b>	<b>47,167</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	283,087	--	918	-191,628	466	93	85,615	7,165	-30	7,199
Hydrogen	--	--	--	--	--	7,229	--	7,229	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	5	--	--	5	0	--
Renewable Fuels (including Fuel Ethanol)	--	283,087	--	204	-191,628	-6,523	104	77,905	7,161	-30	7,169
Fuel Ethanol <sup>6</sup>	--	267,581	--	--	-185,322	-1,538	-5	74,771	5,955	0	6,656
Renewable Fuels Except Fuel Ethanol	--	15,506	--	204	-6,306	-4,986	109	3,134	1,206	--	513
Other Hydrocarbons	--	--	--	714	--	-244	-11	481	--	0	30
Unfinished Oils	--	--	--	47	1,801	--	1,358	-398	--	888	13,512
Motor Gasoline Blend.Comp. (MGBC)	--	-10	--	622	104,094	-62,505	-1,374	42,544	1,031	0	26,456
Reformulated	--	--	--	--	19,610	-6,418	-139	13,329	--	0	5,701
Conventional	--	-10	--	622	84,484	-56,087	-1,235	29,215	1,029	0	20,755
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	-16	17	--	-1	--
<b>Finished Petroleum Products</b>	--	<b>306</b>	<b>1,339,906</b>	<b>9,525</b>	<b>55,104</b>	<b>68,121</b>	<b>-12,954</b>	--	<b>17,797</b>	<b>1,468,119</b>	<b>66,686</b>
Finished Motor Gasoline	--	306	733,923	84	21,155	64,043	-3,476	--	1,047	821,940	20,842
Reformulated	--	--	118,987	--	--	5,434	--	--	6	124,415	--
Conventional	--	306	614,936	84	21,155	58,609	-3,476	--	1,041	697,525	20,842
Finished Aviation Gasoline	--	--	861	12	26	--	12	--	--	887	183
Kerosene-Type Jet Fuel	--	--	77,658	--	6,244	--	-1,008	--	2,915	81,995	7,572
Kerosene	--	--	587	1	-100	--	-143	--	31	600	173
Distillate Fuel Oil	--	--	339,457	790	35,051	4,079	-7,289	--	2,034	384,632	26,079
15 ppm sulfur and under <sup>7</sup>	--	--	335,883	713	49,989	4,079	-7,012	--	444	397,231	24,445
Greater than 15 ppm to 500 ppm sulfur <sup>7</sup>	--	--	2,948	41	-14,938	--	-56	--	994	-12,887	939
Greater than 500 ppm sulfur <sup>7</sup>	--	--	626	36	--	--	-221	--	596	287	695
Residual Fuel Oil <sup>8</sup>	--	--	14,669	2,183	-8,157	--	-142	--	2,075	6,762	1,305
Less than 0.31 percent sulfur	--	--	0	101	--	--	-14	--	NA	NA	202
0.31 to 1.00 percent sulfur	--	--	1,792	1,046	--	--	-63	--	NA	NA	143
Greater than 1.00 percent sulfur	--	--	12,877	1,036	-8,157	--	-65	--	NA	NA	960
Petrochemical Feedstocks	--	--	14,122	1,132	-1,384	--	94	--	--	13,776	644
Naphtha for Petro. Feed. Use	--	--	10,332	670	-1,360	--	91	--	--	9,551	549
Other Oils for Petro. Feed. Use	--	--	3,790	462	-24	--	3	--	--	4,225	95
Special Naphthas	--	--	-266	416	221	--	-32	--	126	277	96
Lubricants	--	--	2,783	1,313	4,065	--	-108	--	3,205	5,064	671
Waxes	--	--	496	20	--	--	4	--	429	83	29
Petroleum Coke	--	--	54,110	460	--	--	8	--	3,809	50,753	1,001
Marketable	--	--	38,297	460	--	--	8	--	3,809	34,940	1,001
Catalyst	--	--	15,813	--	--	--	--	--	--	15,813	--
Asphalt and Road Oil	--	--	52,814	3,073	-2,017	--	-860	--	2,118	52,612	8,018
Still Gas	--	--	44,580	--	--	--	--	--	--	44,580	--
Miscellaneous Products	--	--	4,112	41	--	--	-14	--	7	4,160	73
<b>Total</b>	<b>516,405</b>	<b>277,836</b>	<b>1,383,362</b>	<b>618,935</b>	<b>225,882</b>	<b>-14,194</b>	<b>6,790</b>	<b>1,313,127</b>	<b>78,882</b>	<b>1,609,427</b>	<b>274,922</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> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<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.

<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> Exports include industrial alcohol.

<sup>7</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

<sup>8</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

**Table 11. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, November 2012**  
(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>1,207</b>	--	--	<b>1,598</b>	<b>814</b>	<b>-128</b>	<b>111</b>	<b>3,319</b>	<b>61</b>	<b>0</b>
<b>Natural Gas Plant Liquids and Liquefied</b>										
<b>Refinery Gases</b>	<b>438</b>	<b>-17</b>	<b>35</b>	<b>82</b>	<b>15</b>	--	<b>-178</b>	<b>150</b>	<b>111</b>	<b>471</b>
Pentanes Plus	51	-17	--	0	78	--	-13	34	108	-16
Liquefied Petroleum Gases	387	--	35	82	-63	--	-166	116	4	487
Ethane/Ethylene	146	--	--	0	-99	--	-9	--	--	57
Propane/Propylene	161	--	101	72	-12	--	-38	--	1	359
Normal Butane/Butylene	47	--	-67	7	29	--	-121	67	2	68
Isobutane/Isobutylene	33	--	0	3	19	--	3	48	--	4
<b>Other Liquids</b>	--	<b>808</b>	--	<b>4</b>	<b>-245</b>	<b>-181</b>	<b>39</b>	<b>322</b>	<b>23</b>	<b>1</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	808	--	2	-532	10	9	257	21	0
Hydrogen	--	--	--	--	--	22	--	22	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	808	--	0	-532	-12	9	234	21	0
Fuel Ethanol <sup>6</sup>	--	773	--	--	-515	-1	11	225	21	0
Renewable Fuels Except Fuel Ethanol	--	35	--	0	-17	-11	-2	9	0	0
Other Hydrocarbons	--	--	--	2	--	-1	0	1	--	0
Unfinished Oils	--	--	--	--	-1	--	-6	4	--	1
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	2	289	-191	36	61	2	0
Reformulated	--	--	--	--	55	-19	16	20	--	0
Conventional	--	0	--	2	234	-172	21	41	2	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	--	<b>1</b>	<b>3,970</b>	<b>28</b>	<b>115</b>	<b>202</b>	<b>-43</b>	--	<b>47</b>	<b>4,311</b>
Finished Motor Gasoline	--	1	2,244	1	31	191	25	--	0	2,444
Reformulated	--	--	360	--	--	13	--	--	--	373
Conventional	--	1	1,884	1	31	178	25	--	0	2,071
Finished Aviation Gasoline	--	--	2	0	--	--	1	--	--	1
Kerosene-Type Jet Fuel	--	--	193	--	24	--	-19	--	5	231
Kerosene	--	--	3	0	--	--	-2	--	0	5
Distillate Fuel Oil	--	--	999	6	82	11	-62	--	3	1,157
15 ppm sulfur and under <sup>7</sup>	--	--	1,019	5	126	11	-43	--	0	1,204
Greater than 15 ppm to 500 ppm sulfur <sup>7</sup>	--	--	4	0	-44	--	-4	--	1	-36
Greater than 500 ppm sulfur	--	--	-24	0	--	--	-15	--	2	-11
Residual Fuel Oil <sup>8</sup>	--	--	44	6	-27	--	-7	--	11	19
Less than 0.31 percent sulfur	--	--	--	0	--	--	1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	5	3	--	--	-1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	39	3	-27	--	-7	--	NA	NA
Petrochemical Feedstocks	--	--	43	4	0	--	0	--	--	46
Naphtha for Petro. Feed. Use	--	--	31	2	-1	--	0	--	--	32
Other Oils for Petro. Feed. Use	--	--	11	2	1	--	0	--	--	14
Special Naphthas	--	--	-1	1	0	--	-1	--	0	1
Lubricants	--	--	1	3	9	--	-4	--	8	9
Waxes	--	--	0	0	--	--	-1	--	1	0
Petroleum Coke	--	--	151	2	--	--	3	--	16	135
Marketable	--	--	102	2	--	--	3	--	16	86
Catalyst	--	--	49	--	--	--	--	--	--	49
Asphalt and Road Oil	--	--	150	5	-4	--	27	--	3	122
Still Gas	--	--	128	--	--	--	--	--	--	128
Miscellaneous Products	--	--	12	0	--	--	-1	--	0	14
<b>Total</b>	<b>1,645</b>	<b>792</b>	<b>4,004</b>	<b>1,712</b>	<b>699</b>	<b>-106</b>	<b>-70</b>	<b>3,792</b>	<b>243</b>	<b>4,782</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> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<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.

<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> Exports include industrial alcohol.

<sup>7</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

<sup>8</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

**Table 12. PAD District 2 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-November 2012**  
(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>1,094</b>	--	--	<b>1,709</b>	<b>790</b>	<b>-61</b>	<b>47</b>	<b>3,438</b>	<b>47</b>	<b>0</b>
<b>Natural Gas Plant Liquids and Liquefied</b>										
<b>Refinery Gases</b>	<b>447</b>	<b>-17</b>	<b>130</b>	<b>106</b>	<b>-24</b>	--	<b>12</b>	<b>101</b>	<b>111</b>	<b>419</b>
Pentanes Plus	50	-17	--	1	81	--	-5	30	99	-10
Liquefied Petroleum Gases	398	--	130	105	-105	--	17	70	11	429
Ethane/Ethylene	165	--	--	0	-107	--	-1	--	--	60
Propane/Propylene	154	--	108	81	-21	--	9	--	2	312
Normal Butane/Butylene	49	--	19	15	9	--	8	25	10	50
Isobutane/Isobutylene	29	--	2	9	14	--	1	46	--	8
<b>Other Liquids</b>	--	<b>845</b>	--	<b>5</b>	<b>-256</b>	<b>-185</b>	<b>0</b>	<b>381</b>	<b>24</b>	<b>3</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	845	--	3	-572	1	0	256	21	0
Hydrogen	--	--	--	--	--	22	--	22	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	845	--	1	-572	-19	0	233	21	0
Fuel Ethanol <sup>6</sup>	--	799	--	--	-553	-5	0	223	18	0
Renewable Fuels Except Fuel Ethanol	--	46	--	1	-19	-15	0	9	4	--
Other Hydrocarbons	--	--	--	2	--	-1	0	1	--	0
Unfinished Oils	--	--	--	0	5	--	4	-1	--	3
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	2	311	-187	-4	127	3	0
Reformulated	--	--	--	--	59	-19	0	40	--	0
Conventional	--	0	--	2	252	-167	-4	87	3	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0
<b>Finished Petroleum Products</b>	--	<b>1</b>	<b>4,000</b>	<b>28</b>	<b>164</b>	<b>203</b>	<b>-39</b>	--	<b>53</b>	<b>4,382</b>
Finished Motor Gasoline	--	1	2,191	0	63	191	-10	--	3	2,454
Reformulated	--	--	355	--	--	16	--	--	0	371
Conventional	--	1	1,836	0	63	175	-10	--	3	2,082
Finished Aviation Gasoline	--	--	3	0	0	--	0	--	--	3
Kerosene-Type Jet Fuel	--	--	232	--	19	--	-3	--	9	245
Kerosene	--	--	2	0	0	--	0	--	0	2
Distillate Fuel Oil	--	--	1,013	2	105	12	-22	--	6	1,148
15 ppm sulfur and under <sup>7</sup>	--	--	1,003	2	149	12	-21	--	1	1,186
Greater than 15 ppm to 500 ppm sulfur <sup>7</sup>	--	--	9	0	-45	--	0	--	3	-38
Greater than 500 ppm sulfur	--	--	2	0	--	--	-1	--	2	1
Residual Fuel Oil <sup>8</sup>	--	--	44	7	-24	--	0	--	6	20
Less than 0.31 percent sulfur	--	--	0	0	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	5	3	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	38	3	-24	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	42	3	-4	--	0	--	--	41
Naphtha for Petro. Feed. Use	--	--	31	2	-4	--	0	--	--	29
Other Oils for Petro. Feed. Use	--	--	11	1	0	--	0	--	--	13
Special Naphthas	--	--	-1	1	1	--	0	--	0	1
Lubricants	--	--	8	4	12	--	0	--	10	15
Waxes	--	--	1	0	--	--	0	--	1	0
Petroleum Coke	--	--	162	1	--	--	0	--	11	152
Marketable	--	--	114	1	--	--	0	--	11	104
Catalyst	--	--	47	--	--	--	--	--	--	47
Asphalt and Road Oil	--	--	158	9	-6	--	-3	--	6	157
Still Gas	--	--	133	--	--	--	--	--	--	133
Miscellaneous Products	--	--	12	0	--	--	0	--	0	12
<b>Total</b>	<b>1,542</b>	<b>829</b>	<b>4,129</b>	<b>1,848</b>	<b>674</b>	<b>-42</b>	<b>20</b>	<b>3,920</b>	<b>235</b>	<b>4,804</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> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<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.

<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> Exports include industrial alcohol.

<sup>7</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

<sup>8</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

**Table 13. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, November 2012**  
(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>122,154</b>	--	--	<b>130,599</b>	<b>-19,751</b>	<b>6,945</b>	<b>-1,460</b>	<b>241,407</b>	--	<b>0</b>	<b>879,914</b>
<b>Natural Gas Plant Liquids and Liquefied Refinery Gases</b> .....	<b>47,762</b>	<b>-15</b>	<b>9,495</b>	<b>718</b>	<b>5,814</b>	--	<b>-2,936</b>	<b>10,011</b>	<b>7,137</b>	<b>49,562</b>	<b>104,201</b>
Pentanes Plus .....	5,567	-15	--	643	-1,206	--	-28	3,453	37	1,527	6,402
Liquefied Petroleum Gases .....	42,195	--	9,495	75	7,020	--	-2,908	6,558	7,099	48,036	97,799
Ethane/Ethylene .....	20,963	--	497	--	7,442	--	1,645	--	--	27,257	32,163
Propane/Propylene .....	13,575	--	11,136	--	-284	--	999	--	6,485	16,943	39,037
Normal Butane/Butylene .....	2,355	--	-2,332	75	-186	--	-5,885	3,239	615	1,943	20,898
Isobutane/Isobutylene .....	5,302	--	194	--	48	--	333	3,319	--	1,892	5,701
<b>Other Liquids</b> .....	--	<b>2,665</b>	--	<b>15,037</b>	<b>-46,081</b>	<b>-4,311</b>	<b>2,081</b>	<b>-46,258</b>	<b>4,948</b>	<b>6,539</b>	<b>110,793</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons .....	--	2,665	--	17	3,763	3,525	203	7,676	2,090	0	4,788
Hydrogen .....	--	--	--	--	--	3,710	--	3,710	--	0	--
Oxygenates (excluding Fuel Ethanol) .....	--	1,818	--	--	--	24	-3	49	1,796	0	755
Renewable Fuels (including Fuel Ethanol) .....	--	847	--	--	3,763	-192	206	3,917	294	0	4,033
Fuel Ethanol <sup>7</sup> .....	--	654	--	--	3,808	-13	438	3,762	249	0	3,435
Renewable Fuels Except Fuel Ethanol .....	--	193	--	--	-45	-180	-232	155	45	0	598
Other Hydrocarbons .....	--	--	--	17	--	-17	--	--	--	0	--
Unfinished Oils .....	--	--	--	14,747	41	--	-879	9,128	--	6,539	43,581
Motor Gasoline Blend.Comp. (MGBC) .....	--	--	--	273	-49,885	-7,835	2,755	-63,060	2,858	0	62,418
Reformulated .....	--	--	--	--	-12,488	3,651	123	-9,324	--	0	10,937
Conventional .....	--	--	--	273	-37,397	-11,486	2,632	-53,736	2,494	0	51,481
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	--	2	-2	--	0	6
<b>Finished Petroleum Products</b> .....	--	--	<b>213,895</b>	<b>5,310</b>	<b>-52,889</b>	<b>8,028</b>	<b>-1,263</b>	--	<b>69,257</b>	<b>106,350</b>	<b>106,903</b>
Finished Motor Gasoline .....	--	--	63,100	--	-11,446	7,848	1,121	--	13,237	45,145	16,318
Reformulated .....	--	--	11,680	--	--	-3,875	--	--	--	7,805	--
Conventional .....	--	--	51,420	--	-11,446	11,723	1,121	--	13,237	37,340	16,318
Finished Aviation Gasoline .....	--	--	282	--	-44	--	37	--	--	201	490
Kerosene-Type Jet Fuel .....	--	--	21,885	25	-16,762	--	-1,936	--	3,564	3,520	12,730
Kerosene .....	--	--	259	--	--	--	-7	--	343	-77	234
Distillate Fuel Oil .....	--	--	79,600	183	-23,879	180	6	--	28,714	27,363	35,319
15 ppm sulfur and under <sup>8</sup> .....	--	--	67,771	--	-20,858	180	1,258	--	21,813	24,022	27,323
Greater than 15 ppm to 500 ppm sulfur <sup>8</sup> .....	--	--	5,138	--	1,204	--	-731	--	4,245	2,828	2,517
Greater than 500 ppm sulfur .....	--	--	6,691	183	-4,225	--	-521	--	2,656	514	5,479
Residual Fuel Oil <sup>9</sup> .....	--	--	6,788	1,893	200	--	-1,010	--	9,492	399	21,096
Less than 0.31 percent sulfur .....	--	--	333	809	--	--	386	--	NA	NA	1,890
0.31 to 1.00 percent sulfur .....	--	--	1,234	387	-187	--	-609	--	NA	NA	2,384
Greater than 1.00 percent sulfur .....	--	--	5,221	697	387	--	-787	--	NA	NA	16,822
Petrochemical Feedstocks .....	--	--	7,837	1,465	-23	--	532	--	--	8,747	2,671
Naphtha for Petro. Feed. Use .....	--	--	5,624	687	-23	--	-98	--	--	6,386	1,249
Other Oils for Petro. Feed. Use .....	--	--	2,213	778	--	--	630	--	--	2,361	1,422
Special Naphthas .....	--	--	1,198	724	-8	--	-75	--	1,723	266	981
Lubricants .....	--	--	3,390	900	-771	--	-146	--	1,375	2,290	7,033
Waxes .....	--	--	180	17	--	--	-51	--	46	202	293
Petroleum Coke .....	--	--	15,060	103	--	--	55	--	10,482	4,626	5,262
Marketable .....	--	--	11,587	103	--	--	55	--	10,482	1,153	5,262
Catalyst .....	--	--	3,473	--	--	--	--	--	--	3,473	--
Asphalt and Road Oil .....	--	--	2,122	--	-156	--	204	--	178	1,584	4,102
Still Gas .....	--	--	10,667	--	--	--	--	--	--	10,667	--
Miscellaneous Products .....	--	--	1,527	--	--	--	7	--	104	1,416	374
<b>Total</b> .....	<b>169,916</b>	<b>2,650</b>	<b>223,390</b>	<b>151,664</b>	<b>-112,907</b>	<b>10,662</b>	<b>-3,578</b>	<b>205,160</b>	<b>81,342</b>	<b>162,451</b>	<b>1,201,811</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> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<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.

<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.

<sup>7</sup> Exports include industrial alcohol.

<sup>8</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

<sup>9</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

**Table 14. PAD District 3 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-November 2012**  
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>	
<b>Crude Oil<sup>6</sup></b>	<b>1,251,617</b>	--	--	<b>1,506,597</b>	<b>-225,268</b>	<b>72,873</b>	<b>27,078</b>	<b>2,577,453</b>	<b>1,288</b>	<b>0</b>	<b>879,914</b>
<b>Natural Gas Plant Liquids and Liquefied Refinery Gases</b>	<b>488,902</b>	<b>-166</b>	<b>139,021</b>	<b>11,041</b>	<b>96,718</b>	--	<b>37,012</b>	<b>98,091</b>	<b>55,041</b>	<b>545,372</b>	<b>104,201</b>
Pentanes Plus	60,327	-166	--	9,728	-14,859	--	-2,627	38,089	447	19,121	6,402
Liquefied Petroleum Gases	428,575	--	139,021	1,313	111,577	--	39,639	60,002	54,594	526,251	97,799
Ethane/Ethylene	211,165	--	6,027	--	94,117	--	13,983	--	--	297,326	32,163
Propane/Propylene	138,573	--	117,119	174	9,991	--	15,107	--	51,220	199,530	39,037
Normal Butane/Butylene	25,518	--	14,290	1,109	5,220	--	8,942	22,701	3,374	11,120	20,898
Isobutane/Isobutylene	53,319	--	1,585	30	2,249	--	1,607	37,301	--	18,275	5,701
<b>Other Liquids</b>	--	<b>30,724</b>	--	<b>155,745</b>	<b>-521,190</b>	<b>-26,880</b>	<b>8,890</b>	<b>-447,422</b>	<b>49,762</b>	<b>27,169</b>	<b>110,793</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	30,724	--	587	43,177	37,090	134	82,125	29,074	245	4,788
Hydrogen	--	--	--	--	--	38,082	--	38,082	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	19,188	--	--	--	1,226	-330	725	20,019	0	755
Renewable Fuels (including Fuel Ethanol)	--	11,536	--	334	43,177	-1,966	464	43,318	9,054	245	4,033
Fuel Ethanol <sup>7</sup>	--	7,445	--	178	43,605	-857	474	41,759	8,138	0	3,435
Renewable Fuels Except Fuel Ethanol	--	4,091	--	156	-428	-1,109	-10	1,559	916	--	598
Other Hydrocarbons	--	--	--	253	--	-253	--	--	--	0	--
Unfinished Oils	--	--	--	146,406	-1,979	--	3,507	113,989	--	26,931	43,581
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	8,752	-562,388	-63,969	5,251	-643,545	20,689	0	62,418
Reformulated	--	--	--	71	-130,863	23,030	-428	-110,413	--	0	10,937
Conventional	--	--	--	8,681	-431,525	-86,999	5,679	-533,132	17,610	0	51,481
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	-2	9	--	-7	6
<b>Finished Petroleum Products</b>	--	--	<b>2,287,285</b>	<b>59,712</b>	<b>-605,154</b>	<b>66,850</b>	<b>-5,600</b>	--	<b>664,456</b>	<b>1,149,837</b>	<b>106,903</b>
Finished Motor Gasoline	--	--	662,947	5,132	-142,745	64,826	-2,357	--	121,855	470,662	16,318
Reformulated	--	--	132,685	--	-80	-23,923	0	--	667	108,015	--
Conventional	--	--	530,262	5,132	-142,665	88,749	-2,357	--	121,188	362,647	16,318
Finished Aviation Gasoline	--	--	3,150	--	-2,630	--	-14	--	--	534	490
Kerosene-Type Jet Fuel	--	--	252,157	25	-175,096	--	411	--	26,198	50,477	12,730
Kerosene	--	--	944	--	100	--	-53	--	954	143	234
Distillate Fuel Oil	--	--	821,411	1,997	-281,536	2,024	-7,294	--	265,215	285,975	35,319
15 ppm sulfur and under <sup>8</sup>	--	--	704,053	283	-247,553	2,024	-7,526	--	209,283	257,050	27,323
Greater than 15 ppm to 500 ppm sulfur <sup>8</sup>	--	--	34,185	600	10,062	--	-60	--	28,119	16,788	2,517
Greater than 500 ppm sulfur	--	--	83,173	1,114	-44,045	--	292	--	27,813	12,137	5,479
Residual Fuel Oil <sup>9</sup>	--	--	85,475	17,595	5,867	--	2,788	--	98,964	7,185	21,096
Less than 0.31 percent sulfur	--	--	3,271	2,208	--	--	-72	--	NA	NA	1,890
0.31 to 1.00 percent sulfur	--	--	12,500	6,282	-313	--	301	--	NA	NA	2,384
Greater than 1.00 percent sulfur	--	--	69,704	9,105	6,180	--	2,559	--	NA	NA	16,822
Petrochemical Feedstocks	--	--	85,849	22,289	1,139	--	218	--	--	109,059	2,671
Naphtha for Petro. Feed. Use	--	--	56,420	9,128	851	--	-158	--	--	66,557	1,249
Other Oils for Petro. Feed. Use	--	--	29,429	13,161	288	--	376	--	--	42,502	1,422
Special Naphthas	--	--	14,737	3,475	-221	--	119	--	14,384	3,488	981
Lubricants	--	--	40,591	7,065	-8,190	--	-183	--	17,013	22,636	7,033
Waxes	--	--	2,180	230	--	--	-13	--	567	1,856	293
Petroleum Coke	--	--	157,101	1,705	--	--	765	--	114,512	43,529	5,262
Marketable	--	--	118,986	1,705	--	--	765	--	114,512	5,414	5,262
Catalyst	--	--	38,115	--	--	--	--	--	--	38,115	--
Asphalt and Road Oil	--	--	25,254	181	-1,842	--	-9	--	3,551	20,051	4,102
Still Gas	--	--	119,460	--	--	--	--	--	--	119,460	--
Miscellaneous Products	--	--	16,029	18	--	--	22	--	1,244	14,781	374
<b>Total</b>	<b>1,740,519</b>	<b>30,558</b>	<b>2,426,306</b>	<b>1,733,095</b>	<b>-1,254,894</b>	<b>112,844</b>	<b>67,380</b>	<b>2,228,122</b>	<b>770,548</b>	<b>1,722,378</b>	<b>1,201,811</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> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<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.

<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.

<sup>7</sup> Exports include industrial alcohol.

<sup>8</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

<sup>9</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.



**Table 15. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, November 2012**  
(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>4,072</b>	--	--	<b>4,353</b>	<b>-658</b>	<b>231</b>	<b>-49</b>	<b>8,047</b>	--	<b>0</b>
<b>Natural Gas Plant Liquids and Liquefied</b>										
<b>Refinery Gases</b> .....	<b>1,592</b>	<b>-1</b>	<b>317</b>	<b>24</b>	<b>194</b>	--	<b>-98</b>	<b>334</b>	<b>238</b>	<b>1,652</b>
Pentanes Plus .....	186	-1	--	21	-40	--	-1	115	1	51
Liquefied Petroleum Gases .....	1,407	--	317	3	234	--	-97	219	237	1,601
Ethane/Ethylene .....	699	--	17	--	248	--	55	--	--	909
Propane/Propylene .....	453	--	371	--	-9	--	33	--	216	565
Normal Butane/Butylene .....	79	--	-78	3	-6	--	-196	108	20	65
Isobutane/Isobutylene .....	177	--	6	--	2	--	11	111	--	63
<b>Other Liquids</b> .....	--	<b>89</b>	--	<b>501</b>	<b>-1,536</b>	<b>-144</b>	<b>69</b>	<b>-1,542</b>	<b>165</b>	<b>218</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	--	89	--	1	125	117	7	256	70	0
Hydrogen .....	--	--	--	--	--	124	--	124	--	0
Oxygenates (excluding Fuel Ethanol) .....	--	61	--	--	--	1	0	2	60	0
Renewable Fuels (including Fuel Ethanol) ...	--	28	--	--	125	-6	7	131	10	0
Fuel Ethanol <sup>7</sup> .....	--	22	--	--	127	0	15	125	8	0
Renewable Fuels Except Fuel Ethanol .....	--	6	--	--	-1	-6	-8	5	2	0
Other Hydrocarbons .....	--	--	--	1	--	-1	--	--	--	0
Unfinished Oils .....	--	--	--	492	1	--	-29	304	--	218
Motor Gasoline Blend.Comp. (MGBC) .....	--	--	--	9	-1,663	-261	92	-2,102	95	0
Reformulated .....	--	--	--	--	-416	122	4	-311	--	0
Conventional .....	--	--	--	9	-1,247	-383	88	-1,791	83	0
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	--	0	0	--	0
<b>Finished Petroleum Products</b> .....	--	--	<b>7,130</b>	<b>177</b>	<b>-1,763</b>	<b>268</b>	<b>-42</b>	--	<b>2,309</b>	<b>3,545</b>
Finished Motor Gasoline .....	--	--	2,103	--	-382	262	37	--	441	1,505
Reformulated .....	--	--	389	--	--	-129	--	--	--	260
Conventional .....	--	--	1,714	--	-382	391	37	--	441	1,245
Finished Aviation Gasoline .....	--	--	9	--	-1	--	1	--	--	7
Kerosene-Type Jet Fuel .....	--	--	730	1	-559	--	-65	--	119	117
Kerosene .....	--	--	9	--	--	--	0	--	11	-3
Distillate Fuel Oil .....	--	--	2,653	6	-796	6	0	--	957	912
15 ppm sulfur and under <sup>8</sup> .....	--	--	2,259	--	-695	6	42	--	727	801
Greater than 15 ppm to 500 ppm sulfur <sup>8</sup> .....	--	--	171	--	40	--	-24	--	141	94
Greater than 500 ppm sulfur .....	--	--	223	6	-141	--	-17	--	89	17
Residual Fuel Oil <sup>9</sup> .....	--	--	226	63	7	--	-34	--	316	13
Less than 0.31 percent sulfur .....	--	--	11	27	--	--	13	--	NA	NA
0.31 to 1.00 percent sulfur .....	--	--	41	13	-6	--	-20	--	NA	NA
Greater than 1.00 percent sulfur .....	--	--	174	23	13	--	-26	--	NA	NA
Petrochemical Feedstocks .....	--	--	261	49	-1	--	18	--	--	292
Naphtha for Petro. Feed. Use .....	--	--	187	23	-1	--	-3	--	--	213
Other Oils for Petro. Feed. Use .....	--	--	74	26	--	--	21	--	--	79
Special Naphthas .....	--	--	40	24	0	--	-3	--	57	9
Lubricants .....	--	--	113	30	-26	--	-5	--	46	76
Waxes .....	--	--	6	1	--	--	-2	--	2	7
Petroleum Coke .....	--	--	502	3	--	--	2	--	349	154
Marketable .....	--	--	386	3	--	--	2	--	349	38
Catalyst .....	--	--	116	--	--	--	--	--	--	116
Asphalt and Road Oil .....	--	--	71	--	-5	--	7	--	6	53
Still Gas .....	--	--	356	--	--	--	--	--	--	356
Miscellaneous Products .....	--	--	51	--	--	--	0	--	3	47
<b>Total</b> .....	<b>5,664</b>	<b>88</b>	<b>7,446</b>	<b>5,055</b>	<b>-3,764</b>	<b>355</b>	<b>-119</b>	<b>6,839</b>	<b>2,711</b>	<b>5,415</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> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<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.

<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.

<sup>7</sup> Exports include industrial alcohol.

<sup>8</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

<sup>9</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

**Table 16. PAD District 3 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-November 2012**  
(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>3,736</b>	--	--	<b>4,497</b>	<b>-672</b>	<b>218</b>	<b>81</b>	<b>7,694</b>	<b>4</b>	<b>0</b>
<b>Natural Gas Plant Liquids and Liquefied</b>										
<b>Refinery Gases</b>	<b>1,459</b>	<b>0</b>	<b>415</b>	<b>33</b>	<b>289</b>	--	<b>110</b>	<b>293</b>	<b>164</b>	<b>1,628</b>
Pentanes Plus	180	0	--	29	-44	--	-8	114	1	57
Liquefied Petroleum Gases	1,279	--	415	4	333	--	118	179	163	1,571
Ethane/Ethylene	630	--	18	--	281	--	42	--	--	888
Propane/Propylene	414	--	350	1	30	--	45	--	153	596
Normal Butane/Butylene	76	--	43	3	16	--	27	68	10	33
Isobutane/Isobutylene	159	--	5	0	7	--	5	111	--	55
<b>Other Liquids</b>	--	<b>92</b>	--	<b>465</b>	<b>-1,556</b>	<b>-80</b>	<b>27</b>	<b>-1,336</b>	<b>149</b>	<b>81</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	92	--	2	129	111	0	245	87	1
Hydrogen	--	--	--	--	--	114	--	114	--	0
Oxygenates (excluding Fuel Ethanol)	--	57	--	--	--	4	-1	2	60	0
Renewable Fuels (including Fuel Ethanol)	--	34	--	1	129	-6	1	129	27	1
Fuel Ethanol <sup>7</sup>	--	22	--	1	130	-3	1	125	24	0
Renewable Fuels Except Fuel Ethanol	--	12	--	0	-1	-3	0	5	3	--
Other Hydrocarbons	--	--	--	1	--	-1	--	--	--	0
Unfinished Oils	--	--	--	437	-6	--	10	340	--	80
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	26	-1,679	-191	16	-1,921	62	0
Reformulated	--	--	--	0	-391	69	-1	-330	--	0
Conventional	--	--	--	26	-1,288	-260	17	-1,591	53	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0
<b>Finished Petroleum Products</b>	--	--	<b>6,828</b>	<b>178</b>	<b>-1,806</b>	<b>200</b>	<b>-17</b>	--	<b>1,983</b>	<b>3,432</b>
Finished Motor Gasoline	--	--	1,979	15	-426	194	-7	--	364	1,405
Reformulated	--	--	396	--	0	-71	0	--	2	322
Conventional	--	--	1,583	15	-426	265	-7	--	362	1,083
Finished Aviation Gasoline	--	--	9	--	-8	--	0	--	--	2
Kerosene-Type Jet Fuel	--	--	753	0	-523	--	1	--	78	151
Kerosene	--	--	3	--	0	--	0	--	3	0
Distillate Fuel Oil	--	--	2,452	6	-840	6	-22	--	792	854
15 ppm sulfur and under <sup>8</sup>	--	--	2,102	1	-739	6	-22	--	625	767
Greater than 15 ppm to 500 ppm sulfur <sup>8</sup>	--	--	102	2	30	--	0	--	84	50
Greater than 500 ppm sulfur	--	--	248	3	-131	--	1	--	83	36
Residual Fuel Oil <sup>9</sup>	--	--	255	53	18	--	8	--	295	21
Less than 0.31 percent sulfur	--	--	10	7	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	37	19	-1	--	1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	208	27	18	--	8	--	NA	NA
Petrochemical Feedstocks	--	--	256	67	3	--	1	--	--	326
Naphtha for Petro. Feed. Use	--	--	168	27	3	--	0	--	--	199
Other Oils for Petro. Feed. Use	--	--	88	39	1	--	1	--	--	127
Special Naphthas	--	--	44	10	-1	--	0	--	43	10
Lubricants	--	--	121	21	-24	--	-1	--	51	68
Waxes	--	--	7	1	--	--	0	--	2	6
Petroleum Coke	--	--	469	5	--	--	2	--	342	130
Marketable	--	--	355	5	--	--	2	--	342	16
Catalyst	--	--	114	--	--	--	--	--	--	114
Asphalt and Road Oil	--	--	75	1	-5	--	0	--	11	60
Still Gas	--	--	357	--	--	--	--	--	--	357
Miscellaneous Products	--	--	48	0	--	--	0	--	4	44
<b>Total</b>	<b>5,196</b>	<b>91</b>	<b>7,243</b>	<b>5,173</b>	<b>-3,746</b>	<b>337</b>	<b>201</b>	<b>6,651</b>	<b>2,300</b>	<b>5,141</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> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<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.

<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.

<sup>7</sup> Exports include industrial alcohol.

<sup>8</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

<sup>9</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.



**Table 17. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, November 2012**  
(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>13,434</b>	--	--	<b>9,351</b>	<b>-4,748</b>	<b>-974</b>	<b>406</b>	<b>16,657</b>	--	<b>0</b>	<b>18,753</b>
<b>Natural Gas Plant Liquids and Liquefied Refinery Gases</b>	<b>10,874</b>	<b>-10</b>	<b>73</b>	<b>317</b>	<b>-9,338</b>	--	<b>31</b>	<b>662</b>	<b>334</b>	<b>889</b>	<b>1,516</b>
Pentanes Plus	1,523	-10	--	--	-1,125	--	23	223	331	-189	210
Liquefied Petroleum Gases	9,351	--	73	317	-8,213	--	8	439	3	1,078	1,306
Ethane/Ethylene	4,567	--	--	--	-4,479	--	-4	--	--	92	398
Propane/Propylene	3,033	--	216	258	-2,340	--	-30	--	1	1,196	352
Normal Butane/Butylene	1,257	--	-153	40	-772	--	2	268	2	100	362
Isobutane/Isobutylene	494	--	10	19	-622	--	40	171	--	-310	194
<b>Other Liquids</b>	--	<b>436</b>	--	--	<b>664</b>	<b>-257</b>	<b>745</b>	<b>-253</b>	--	<b>351</b>	<b>7,048</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	436	--	--	304	184	48	876	--	0	358
Hydrogen	--	--	--	--	--	204	--	204	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	436	--	--	304	-20	48	672	--	0	358
Fuel Ethanol <sup>6</sup>	--	430	--	--	276	-2	47	657	--	0	354
Renewable Fuels Except Fuel Ethanol	--	6	--	--	28	-18	1	15	--	0	4
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	--	--	--	94	-445	--	351	3,924
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	360	-441	603	-684	--	0	2,766
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	360	-441	603	-684	--	0	2,766
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	--	--	<b>18,165</b>	<b>173</b>	<b>108</b>	<b>461</b>	<b>998</b>	--	<b>83</b>	<b>17,826</b>	<b>10,901</b>
Finished Motor Gasoline	--	--	8,818	6	-642	443	281	--	1	8,344	4,442
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	8,818	6	-642	443	281	--	1	8,344	4,442
Finished Aviation Gasoline	--	--	15	--	--	--	1	--	--	14	17
Kerosene-Type Jet Fuel	--	--	744	--	773	--	27	--	--	1,490	725
Kerosene	--	--	1	--	--	--	0	--	--	1	1
Distillate Fuel Oil	--	--	5,645	64	-23	18	522	--	--	5,182	3,882
15 ppm sulfur and under <sup>7</sup>	--	--	5,563	8	59	18	487	--	--	5,161	3,581
Greater than 15 ppm to 500 ppm sulfur <sup>7</sup>	--	--	136	56	-82	--	78	--	--	32	194
Greater than 500 ppm sulfur	--	--	-54	--	--	--	-43	--	--	-11	107
Residual Fuel Oil <sup>8</sup>	--	--	369	11	--	--	-1	--	8	373	202
Less than 0.31 percent sulfur	--	--	195	--	--	--	13	--	NA	NA	31
0.31 to 1.00 percent sulfur	--	--	16	1	--	--	-15	--	NA	NA	11
Greater than 1.00 percent sulfur	--	--	158	10	--	--	1	--	NA	NA	160
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	59	-59	--
Lubricants	--	--	--	--	--	--	0	--	14	-14	1
Waxes	--	--	--	1	--	--	--	--	1	0	--
Petroleum Coke	--	--	764	--	--	--	22	--	--	742	48
Marketable	--	--	531	--	--	--	22	--	--	509	48
Catalyst	--	--	233	--	--	--	--	--	--	233	--
Asphalt and Road Oil	--	--	1,004	90	--	--	144	--	1	949	1,567
Still Gas	--	--	721	--	--	--	--	--	--	721	--
Miscellaneous Products	--	--	84	1	--	--	2	--	--	83	16
<b>Total</b>	<b>24,308</b>	<b>426</b>	<b>18,238</b>	<b>9,841</b>	<b>-13,314</b>	<b>-770</b>	<b>2,180</b>	<b>17,066</b>	<b>418</b>	<b>19,065</b>	<b>38,218</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> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<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.

<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> Exports include industrial alcohol.

<sup>7</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

<sup>8</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

**Table 18. PAD District 4 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-November 2012**  
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>	
<b>Crude Oil</b>	<b>144,867</b>	--	--	<b>107,628</b>	<b>-43,047</b>	<b>-17,361</b>	<b>2,784</b>	<b>189,299</b>	<b>5</b>	<b>0</b>	<b>18,753</b>
<b>Natural Gas Plant Liquids and Liquefied Refinery Gases</b>	<b>129,519</b>	<b>-101</b>	<b>3,303</b>	<b>2,976</b>	<b>-111,775</b>	--	<b>141</b>	<b>6,227</b>	<b>3,932</b>	<b>13,622</b>	<b>1,516</b>
Pentanes Plus	17,029	-101	--	--	-12,352	--	30	1,957	3,470	-881	210
Liquefied Petroleum Gases	112,490	--	3,303	2,976	-99,423	--	111	4,270	462	14,503	1,306
Ethane/Ethylene	60,160	--	--	--	-58,284	--	-8	--	--	1,884	398
Propane/Propylene	33,598	--	3,096	2,691	-25,911	--	-3	--	11	13,466	352
Normal Butane/Butylene	13,886	--	500	211	-8,333	--	84	1,902	451	3,827	362
Isobutane/Isobutylene	4,846	--	-293	74	-6,895	--	38	2,368	--	-4,674	194
<b>Other Liquids</b>	--	<b>4,737</b>	--	--	<b>7,207</b>	<b>-3,929</b>	<b>1,453</b>	<b>5,036</b>	<b>16</b>	<b>1,511</b>	<b>7,048</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	4,737	--	--	3,700	1,666	50	10,044	16	-6	358
Hydrogen	--	--	--	--	--	2,024	--	2,024	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0	--
Renewable Fuels (including Fuel Ethanol)	--	4,737	--	--	3,700	-358	50	8,020	16	-6	358
Fuel Ethanol <sup>6</sup>	--	4,684	--	--	3,406	-162	47	7,866	15	0	354
Renewable Fuels Except Fuel Ethanol	--	53	--	--	294	-196	3	154	0	--	4
Other Hydrocarbons	--	--	--	--	--	0	--	--	--	0	--
Unfinished Oils	--	--	--	--	--	--	1,384	-2,901	--	1,517	3,924
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	3,507	-5,595	19	-2,107	0	0	2,766
Reformulated	--	--	--	--	--	0	--	--	--	--	--
Conventional	--	--	--	--	3,507	-5,595	19	-2,107	0	0	2,766
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	--	--	<b>206,927</b>	<b>1,791</b>	<b>2,175</b>	<b>5,953</b>	<b>-859</b>	--	<b>909</b>	<b>216,796</b>	<b>10,901</b>
Finished Motor Gasoline	--	--	102,569	6	-5,521	5,757	-394	--	49	103,156	4,442
Reformulated	--	--	--	--	--	0	--	--	3	-3	--
Conventional	--	--	102,569	6	-5,521	5,757	-394	--	46	103,159	4,442
Finished Aviation Gasoline	--	--	160	1	--	--	-1	--	--	162	17
Kerosene-Type Jet Fuel	--	--	8,540	25	8,654	--	150	--	12	17,057	725
Kerosene	--	--	8	--	--	--	0	--	7	1	1
Distillate Fuel Oil	--	--	63,595	652	-958	196	-277	--	4	63,758	3,882
15 ppm sulfur and under <sup>7</sup>	--	--	61,537	165	-849	196	-172	--	0	61,221	3,581
Greater than 15 ppm to 500 ppm sulfur <sup>7</sup>	--	--	2,244	487	-109	--	-85	--	4	2,703	194
Greater than 500 ppm sulfur	--	--	-186	--	--	--	-20	--	--	-166	107
Residual Fuel Oil <sup>8</sup>	--	--	4,064	132	--	--	-14	--	79	4,131	202
Less than 0.31 percent sulfur	--	--	2,000	--	--	--	11	--	NA	NA	31
0.31 to 1.00 percent sulfur	--	--	416	6	--	--	4	--	NA	NA	11
Greater than 1.00 percent sulfur	--	--	1,648	126	--	--	-29	--	NA	NA	160
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	405	-405	--
Lubricants	--	--	--	--	--	--	1	--	141	-142	1
Waxes	--	--	--	8	--	--	--	--	5	3	--
Petroleum Coke	--	--	7,737	82	--	--	-379	--	0	8,198	48
Marketable	--	--	5,190	82	--	--	-379	--	0	5,651	48
Catalyst	--	--	2,547	--	--	--	--	--	--	2,547	--
Asphalt and Road Oil	--	--	11,038	873	--	--	53	--	205	11,653	1,567
Still Gas	--	--	7,949	--	--	--	--	--	--	7,949	--
Miscellaneous Products	--	--	1,267	12	--	--	2	--	--	1,277	16
<b>Total</b>	<b>274,386</b>	<b>4,636</b>	<b>210,230</b>	<b>112,395</b>	<b>-145,440</b>	<b>-15,336</b>	<b>3,519</b>	<b>200,562</b>	<b>4,861</b>	<b>231,929</b>	<b>38,218</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> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<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.

<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> Exports include industrial alcohol.

<sup>7</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

<sup>8</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

**Table 19. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, November 2012**  
(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>448</b>	--	--	<b>312</b>	<b>-158</b>	<b>-32</b>	<b>14</b>	<b>555</b>	--	<b>0</b>
<b>Natural Gas Plant Liquids and Liquefied</b>										
<b>Refinery Gases</b>	<b>362</b>	<b>0</b>	<b>2</b>	<b>11</b>	<b>-311</b>	--	<b>1</b>	<b>22</b>	<b>11</b>	<b>30</b>
Pentanes Plus	51	0	--	--	-38	--	1	7	11	-6
Liquefied Petroleum Gases	312	--	2	11	-274	--	0	15	0	36
Ethane/Ethylene	152	--	--	--	-149	--	0	--	--	3
Propane/Propylene	101	--	7	9	-78	--	-1	--	0	40
Normal Butane/Butylene	42	--	-5	1	-26	--	0	9	0	3
Isobutane/Isobutylene	16	--	0	1	-21	--	1	6	--	-10
<b>Other Liquids</b>	--	<b>15</b>	--	--	<b>22</b>	<b>-9</b>	<b>25</b>	<b>-8</b>	--	<b>12</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	15	--	--	10	6	2	29	--	0
Hydrogen	--	--	--	--	--	7	--	7	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	15	--	--	10	-1	2	22	--	0
Fuel Ethanol <sup>6</sup>	--	14	--	--	9	0	2	22	--	0
Renewable Fuels Except Fuel Ethanol	--	0	--	--	1	-1	0	1	--	0
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	--	--	--	3	-15	--	12
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	12	-15	20	-23	--	0
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	12	-15	20	-23	--	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	--	--	<b>606</b>	<b>6</b>	<b>4</b>	<b>15</b>	<b>33</b>	--	<b>3</b>	<b>594</b>
Finished Motor Gasoline	--	--	294	0	-21	15	9	--	0	278
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	294	0	-21	15	9	--	0	278
Finished Aviation Gasoline	--	--	1	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	25	--	26	--	1	--	--	50
Kerosene	--	--	0	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	188	2	-1	1	17	--	--	173
15 ppm sulfur and under <sup>7</sup>	--	--	185	0	2	1	16	--	--	172
Greater than 15 ppm to 500 ppm sulfur <sup>7</sup>	--	--	5	2	-3	--	3	--	--	1
Greater than 500 ppm sulfur	--	--	-2	--	--	--	-1	--	--	0
Residual Fuel Oil <sup>8</sup>	--	--	12	0	--	--	0	--	0	12
Less than 0.31 percent sulfur	--	--	7	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	1	0	--	--	-1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	5	0	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	2	-2
Lubricants	--	--	--	--	--	--	0	--	0	0
Waxes	--	--	--	0	--	--	--	--	0	0
Petroleum Coke	--	--	25	--	--	--	1	--	--	25
Marketable	--	--	18	--	--	--	1	--	--	17
Catalyst	--	--	8	--	--	--	--	--	--	8
Asphalt and Road Oil	--	--	33	3	--	--	5	--	0	32
Still Gas	--	--	24	--	--	--	--	--	--	24
Miscellaneous Products	--	--	3	0	--	--	0	--	--	3
<b>Total</b>	<b>810</b>	<b>14</b>	<b>608</b>	<b>328</b>	<b>-444</b>	<b>-26</b>	<b>73</b>	<b>569</b>	<b>14</b>	<b>636</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> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<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.

<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> Exports include industrial alcohol.

<sup>7</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

<sup>8</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

**Table 20. PAD District 4 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-November 2012**  
(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>	432	--	--	321	-128	-52	8	565	0	0	
<b>Natural Gas Plant Liquids and Liquefied</b>											
<b>Refinery Gases</b>	387	0	10	9	-334	--	0	19	12	41	
Pentanes Plus	51	0	--	--	-37	--	0	6	10	-3	
Liquefied Petroleum Gases	336	--	10	9	-297	--	0	13	1	43	
Ethane/Ethylene	180	--	--	--	-174	--	0	--	--	6	
Propane/Propylene	100	--	9	8	-77	--	0	--	0	40	
Normal Butane/Butylene	41	--	1	1	-25	--	0	6	1	11	
Isobutane/Isobutylene	14	--	-1	0	-21	--	0	7	--	-14	
<b>Other Liquids</b>	--	14	--	--	22	-12	4	15	0	5	
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	14	--	--	11	5	0	30	0	0	
Hydrogen	--	--	--	--	--	6	--	6	--	0	
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0	
Renewable Fuels (including Fuel Ethanol)	--	14	--	--	11	-1	0	24	0	0	
Fuel Ethanol <sup>6</sup>	--	14	--	--	10	0	0	23	0	0	
Renewable Fuels Except Fuel Ethanol	--	0	--	--	1	-1	0	0	0	--	
Other Hydrocarbons	--	--	--	--	--	0	--	--	--	0	
Unfinished Oils	--	--	--	--	--	--	4	-9	--	5	
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	10	-17	0	-6	0	0	
Reformulated	--	--	--	--	--	0	--	--	--	--	
Conventional	--	--	--	--	10	-17	0	-6	0	0	
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	
<b>Finished Petroleum Products</b>	--	--	618	5	6	18	-3	--	3	647	
Finished Motor Gasoline	--	--	306	0	-16	17	-1	--	0	308	
Reformulated	--	--	--	--	--	0	--	--	0	0	
Conventional	--	--	306	0	-16	17	-1	--	0	308	
Finished Aviation Gasoline	--	--	0	0	--	--	0	--	--	0	
Kerosene-Type Jet Fuel	--	--	25	0	26	--	0	--	0	51	
Kerosene	--	--	0	--	--	--	0	--	0	0	
Distillate Fuel Oil	--	--	190	2	-3	1	-1	--	0	190	
15 ppm sulfur and under <sup>7</sup>	--	--	184	0	-3	1	-1	--	0	183	
Greater than 15 ppm to 500 ppm sulfur <sup>7</sup>	--	--	7	1	0	--	0	--	0	8	
Greater than 500 ppm sulfur	--	--	-1	--	--	--	0	--	--	0	
Residual Fuel Oil <sup>8</sup>	--	--	12	0	--	--	0	--	0	12	
Less than 0.31 percent sulfur	--	--	6	--	--	--	0	--	NA	NA	
0.31 to 1.00 percent sulfur	--	--	1	0	--	--	0	--	NA	NA	
Greater than 1.00 percent sulfur	--	--	5	0	--	--	0	--	NA	NA	
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	
Special Naphthas	--	--	--	--	--	--	--	--	1	-1	
Lubricants	--	--	--	--	--	--	0	--	0	0	
Waxes	--	--	--	0	--	--	--	--	0	0	
Petroleum Coke	--	--	23	0	--	--	-1	--	0	24	
Marketable	--	--	15	0	--	--	-1	--	0	17	
Catalyst	--	--	8	--	--	--	--	--	--	8	
Asphalt and Road Oil	--	--	33	3	--	--	0	--	1	35	
Still Gas	--	--	24	--	--	--	--	--	--	24	
Miscellaneous Products	--	--	4	0	--	--	0	--	--	4	
<b>Total</b>	<b>819</b>	<b>14</b>	<b>628</b>	<b>336</b>	<b>-434</b>	<b>-46</b>	<b>11</b>	<b>599</b>	<b>15</b>	<b>692</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> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<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.

<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> Exports include industrial alcohol.

<sup>7</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

<sup>8</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

**Table 21. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, November 2012**  
(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>34,207</b>	--	--	<b>30,472</b>	--	<b>1,705</b>	<b>-465</b>	<b>66,849</b>	--	<b>0</b>	<b>54,755</b>
<b>Natural Gas Plant Liquids and Liquefied Refinery Gases</b> .....	<b>2,078</b>	<b>-12</b>	<b>5</b>	<b>273</b>	--	--	<b>-1,882</b>	<b>2,900</b>	<b>379</b>	<b>947</b>	<b>6,498</b>
Pentanes Plus .....	955	-12	--	--	--	--	-91	755	68	211	58
Liquefied Petroleum Gases .....	1,123	--	5	273	--	--	-1,791	2,145	311	736	6,440
Ethane/Ethylene .....	2	--	--	--	--	--	--	--	--	2	--
Propane/Propylene .....	400	--	1,431	188	--	--	-181	--	294	1,906	2,412
Normal Butane/Butylene .....	398	--	-1,215	85	--	--	-1,452	1,487	17	-784	3,485
Isobutane/Isobutylene .....	323	--	-211	--	--	--	-158	658	--	-388	543
<b>Other Liquids</b> .....	--	<b>417</b>	--	<b>3,216</b>	<b>7,300</b>	<b>3,038</b>	<b>2,121</b>	<b>12,265</b>	<b>299</b>	<b>-713</b>	<b>48,809</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons .....	--	417	--	338	3,931	1,235	27	5,810	85	0	2,790
Hydrogen .....	--	--	--	--	--	1,362	--	1,362	--	0	--
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	--	2	--	--	2	0	--
Renewable Fuels (including Fuel Ethanol) .....	--	417	--	338	3,931	-129	27	4,448	83	0	2,790
Fuel Ethanol <sup>6</sup> .....	--	366	--	338	3,718	-15	-3	4,343	67	0	2,625
Renewable Fuels Except Fuel Ethanol .....	--	51	--	--	213	-114	30	105	16	0	165
Other Hydrocarbons .....	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils .....	--	--	--	2,446	--	--	-944	4,103	--	-713	17,088
Motor Gasoline Blend.Comp. (MGBC) .....	--	--	--	432	3,369	1,803	3,038	2,352	214	0	28,931
Reformulated .....	--	--	--	--	2,130	-569	2,063	-565	--	0	15,288
Conventional .....	--	--	--	432	1,239	2,372	975	2,917	151	0	13,663
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b> .....	--	--	<b>88,458</b>	<b>2,111</b>	<b>2,406</b>	<b>-1,670</b>	<b>1,031</b>	--	<b>9,108</b>	<b>81,167</b>	<b>37,187</b>
Finished Motor Gasoline .....	--	--	46,948	138	1,055	-1,788	231	--	1,224	44,898	4,078
Reformulated .....	--	--	31,273	--	--	362	-4	--	--	31,639	12
Conventional .....	--	--	15,675	138	1,055	-2,151	235	--	1,224	13,258	4,066
Finished Aviation Gasoline .....	--	--	67	--	--	--	-9	--	--	76	248
Kerosene-Type Jet Fuel .....	--	--	11,315	791	257	--	-653	--	943	12,073	10,090
Kerosene .....	--	--	22	--	--	--	-29	--	6	45	69
Distillate Fuel Oil .....	--	--	16,751	379	1,074	119	897	--	2,397	15,028	13,351
15 ppm sulfur and under <sup>7</sup> .....	--	--	15,556	56	992	119	559	--	2,034	14,130	11,099
Greater than 15 ppm to 500 ppm sulfur <sup>7</sup> .....	--	--	495	3	82	--	48	--	266	266	734
Greater than 500 ppm sulfur .....	--	--	700	320	--	--	290	--	98	632	1,518
Residual Fuel Oil <sup>8</sup> .....	--	--	3,226	663	--	--	435	--	885	2,569	5,355
Less than 0.31 percent sulfur .....	--	--	52	--	--	--	19	--	NA	NA	369
0.31 to 1.00 percent sulfur .....	--	--	607	13	--	--	74	--	NA	NA	743
Greater than 1.00 percent sulfur .....	--	--	2,567	650	--	--	342	--	NA	NA	4,243
Petrochemical Feedstocks .....	--	--	4	36	--	--	0	--	--	40	1
Naphtha for Petro. Feed. Use .....	--	--	4	36	--	--	0	--	--	40	1
Other Oils for Petro. Feed. Use .....	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas .....	--	--	21	--	--	--	6	--	4	11	41
Lubricants .....	--	--	271	34	20	--	21	--	114	190	778
Waxes .....	--	--	--	8	--	--	--	--	6	2	--
Petroleum Coke .....	--	--	5,022	15	--	--	12	--	3,401	1,624	1,796
Marketable .....	--	--	3,930	15	--	--	12	--	3,401	532	1,796
Catalyst .....	--	--	1,092	--	--	--	--	--	--	1,092	--
Asphalt and Road Oil .....	--	--	652	47	--	--	115	--	124	460	1,310
Still Gas .....	--	--	3,811	--	--	--	--	--	--	3,811	--
Miscellaneous Products .....	--	--	348	--	--	--	5	--	1	342	70
<b>Total</b> .....	<b>36,285</b>	<b>405</b>	<b>88,463</b>	<b>36,072</b>	<b>9,706</b>	<b>3,073</b>	<b>805</b>	<b>82,014</b>	<b>9,786</b>	<b>81,401</b>	<b>147,249</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> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<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.

<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> Exports include industrial alcohol.

<sup>7</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

<sup>8</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.



**Table 22. PAD District 5 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-November 2012**  
(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>370,166</b>	--	--	<b>394,563</b>	<b>598</b>	<b>18,739</b>	<b>-178</b>	<b>784,243</b>	<b>0</b>	<b>0</b>	<b>54,755</b>
<b>Natural Gas Plant Liquids and Liquefied Refinery Gases</b>	<b>20,343</b>	<b>-113</b>	<b>18,383</b>	<b>1,723</b>	--	--	<b>2,168</b>	<b>21,202</b>	<b>4,854</b>	<b>12,112</b>	<b>6,498</b>
Pentanes Plus	9,329	-113	--	--	--	--	-13	6,813	1,022	1,394	58
Liquefied Petroleum Gases	11,014	--	18,383	1,723	--	--	2,181	14,389	3,832	10,718	6,440
Ethane/Ethylene	36	--	--	--	--	--	--	--	--	36	--
Propane/Propylene	3,975	--	15,337	1,419	--	--	832	--	3,336	16,563	2,412
Normal Butane/Butylene	1,956	--	3,550	296	--	--	1,365	7,861	496	-3,920	3,485
Isobutane/Isobutylene	5,047	--	-504	8	--	--	-16	6,528	--	-1,961	543
<b>Other Liquids</b>	--	<b>5,545</b>	--	<b>23,724</b>	<b>81,993</b>	<b>27,903</b>	<b>2,066</b>	<b>134,796</b>	<b>2,913</b>	<b>-610</b>	<b>48,809</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	5,545	--	1,883	46,455	11,782	466	64,269	1,140	-210	2,790
Hydrogen	--	--	--	--	--	14,362	--	14,362	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	366	--	--	366	0	--
Renewable Fuels (including Fuel Ethanol)	--	5,545	--	1,883	46,455	-2,945	466	49,907	774	-210	2,790
Fuel Ethanol <sup>6</sup>	--	4,814	--	1,882	43,493	-987	445	48,428	329	0	2,625
Renewable Fuels Except Fuel Ethanol	--	731	--	1	2,961	-1,958	21	1,479	445	--	165
Other Hydrocarbons	--	--	--	--	--	0	--	--	--	0	--
Unfinished Oils	--	--	--	16,404	418	--	-1,761	18,983	--	-400	17,088
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	5,437	35,120	16,121	3,361	51,544	1,773	0	28,931
Reformulated	--	--	--	330	22,018	1,083	1,791	21,215	--	0	15,268
Conventional	--	--	--	5,107	13,102	15,038	1,570	30,329	1,348	0	13,663
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	--	--	<b>981,360</b>	<b>27,778</b>	<b>25,267</b>	<b>-13,107</b>	<b>378</b>	--	<b>104,648</b>	<b>916,272</b>	<b>37,187</b>
Finished Motor Gasoline	--	--	516,001	1,147	10,997	-15,134	38	--	12,016	500,958	4,078
Reformulated	--	--	354,601	--	--	-2,960	-26	--	7	351,661	12
Conventional	--	--	161,400	1,147	10,997	-12,174	64	--	12,009	149,297	4,066
Finished Aviation Gasoline	--	--	465	2	--	--	-20	--	--	487	248
Kerosene-Type Jet Fuel	--	--	137,351	10,895	3,033	--	234	--	12,421	138,624	10,090
Kerosene	--	--	219	146	--	--	-47	--	171	241	69
Distillate Fuel Oil	--	--	175,438	3,267	11,456	2,027	-1,010	--	25,641	167,557	13,351
15 ppm sulfur and under <sup>7</sup>	--	--	161,239	2,818	11,347	2,027	-1,115	--	19,171	159,375	11,099
Greater than 15 ppm to 500 ppm sulfur <sup>7</sup>	--	--	4,821	23	109	--	-553	--	4,722	784	734
Greater than 500 ppm sulfur <sup>7</sup>	--	--	9,378	426	--	--	658	--	1,748	7,398	1,518
Residual Fuel Oil <sup>8</sup>	--	--	41,183	9,791	--	--	825	--	8,297	41,852	5,355
Less than 0.31 percent sulfur	--	--	587	--	--	--	162	--	NA	NA	369
0.31 to 1.00 percent sulfur	--	--	9,377	515	--	--	50	--	NA	NA	743
Greater than 1.00 percent sulfur	--	--	31,219	9,276	--	--	613	--	NA	NA	4,243
Petrochemical Feedstocks	--	--	62	448	--	--	0	--	--	510	1
Naphtha for Petro. Feed. Use	--	--	62	448	--	--	0	--	--	510	1
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	319	--	--	--	12	--	342	-35	41
Lubricants	--	--	5,202	276	-219	--	14	--	2,664	2,581	778
Waxes	--	--	--	348	--	--	--	--	69	279	--
Petroleum Coke	--	--	50,685	364	--	--	341	--	41,385	9,323	1,796
Marketable	--	--	40,099	364	--	--	341	--	41,385	-1,263	1,796
Catalyst	--	--	10,586	--	--	--	--	--	--	10,586	--
Asphalt and Road Oil	--	--	9,178	1,094	--	--	2	--	1,626	8,644	1,310
Still Gas	--	--	41,010	--	--	--	--	--	--	41,010	--
Miscellaneous Products	--	--	4,247	--	--	--	-11	--	17	4,241	70
<b>Total</b>	<b>390,509</b>	<b>5,432</b>	<b>999,743</b>	<b>447,788</b>	<b>107,858</b>	<b>33,535</b>	<b>4,434</b>	<b>940,241</b>	<b>112,415</b>	<b>927,774</b>	<b>147,249</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> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.  
<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.  
<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> Exports include industrial alcohol.  
<sup>7</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.  
<sup>8</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

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

**Table 23. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, November 2012**  
(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>1,140</b>	--	--	<b>1,016</b>	--	<b>57</b>	<b>-16</b>	<b>2,228</b>	--	<b>0</b>
<b>Natural Gas Plant Liquids and Liquefied</b>										
<b>Refinery Gases</b>	<b>69</b>	<b>0</b>	<b>0</b>	<b>9</b>	--	--	<b>-63</b>	<b>97</b>	<b>13</b>	<b>32</b>
Pentanes Plus	32	0	--	--	--	--	-3	25	2	7
Liquefied Petroleum Gases	37	--	0	9	--	--	-60	72	10	25
Ethane/Ethylene	0	--	--	--	--	--	--	--	--	0
Propane/Propylene	13	--	48	6	--	--	-6	--	10	64
Normal Butane/Butylene	13	--	-41	3	--	--	-48	50	1	-26
Isobutane/Isobutylene	11	--	-7	--	--	--	-5	22	--	-13
<b>Other Liquids</b>	<b>--</b>	<b>14</b>	<b>--</b>	<b>107</b>	<b>243</b>	<b>101</b>	<b>71</b>	<b>409</b>	<b>10</b>	<b>-24</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	14	--	11	131	41	1	194	3	0
Hydrogen	--	--	--	--	--	45	--	45	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	14	--	11	131	-4	1	148	3	0
Fuel Ethanol <sup>6</sup>	--	12	--	11	124	0	0	145	2	0
Renewable Fuels Except Fuel Ethanol	--	2	--	--	7	-4	1	4	1	0
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	82	--	--	-31	137	--	-24
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	14	112	60	101	78	7	0
Reformulated	--	--	--	--	71	-19	69	-19	--	0
Conventional	--	--	--	14	41	79	33	97	5	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>--</b>	<b>2,949</b>	<b>70</b>	<b>80</b>	<b>-56</b>	<b>34</b>	<b>--</b>	<b>304</b>	<b>2,706</b>
Finished Motor Gasoline	--	--	1,565	5	35	-60	8	--	41	1,497
Reformulated	--	--	1,042	--	--	12	0	--	--	1,055
Conventional	--	--	523	5	35	-72	8	--	41	442
Finished Aviation Gasoline	--	--	2	--	--	--	0	--	--	3
Kerosene-Type Jet Fuel	--	--	377	26	9	--	-22	--	31	402
Kerosene	--	--	1	--	--	--	-1	--	0	1
Distillate Fuel Oil	--	--	558	13	36	4	30	--	80	501
15 ppm sulfur and under <sup>7</sup>	--	--	519	2	33	4	19	--	68	471
Greater than 15 ppm to 500 ppm sulfur <sup>7</sup>	--	--	17	0	3	--	2	--	9	9
Greater than 500 ppm sulfur	--	--	23	11	--	--	10	--	3	21
Residual Fuel Oil <sup>8</sup>	--	--	108	22	--	--	15	--	30	86
Less than 0.31 percent sulfur	--	--	2	--	--	--	1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	20	0	--	--	2	--	NA	NA
Greater than 1.00 percent sulfur	--	--	86	22	--	--	11	--	NA	NA
Petrochemical Feedstocks	--	--	0	1	--	--	0	--	--	1
Naphtha for Petro. Feed. Use	--	--	0	1	--	--	0	--	--	1
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	1	--	--	--	0	--	0	0
Lubricants	--	--	9	1	1	--	1	--	4	6
Waxes	--	--	--	0	--	--	--	--	0	0
Petroleum Coke	--	--	167	1	--	--	0	--	113	54
Marketable	--	--	131	1	--	--	0	--	113	18
Catalyst	--	--	36	--	--	--	--	--	--	36
Asphalt and Road Oil	--	--	22	2	--	--	4	--	4	15
Still Gas	--	--	127	--	--	--	--	--	--	127
Miscellaneous Products	--	--	12	--	--	--	0	--	0	11
<b>Total</b>	<b>1,210</b>	<b>14</b>	<b>2,949</b>	<b>1,202</b>	<b>324</b>	<b>102</b>	<b>27</b>	<b>2,734</b>	<b>326</b>	<b>2,713</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> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.  
<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.  
<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 net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.  
<sup>6</sup> Exports include industrial alcohol.  
<sup>7</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.  
<sup>8</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.  
Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.  
Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.



**Table 24. PAD District 5 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-November 2012**  
(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>1,105</b>	--	--	<b>1,178</b>	<b>2</b>	<b>56</b>	<b>-1</b>	<b>2,341</b>	<b>0</b>	<b>0</b>
<b>Natural Gas Plant Liquids and Liquefied</b>										
<b>Refinery Gases</b>	<b>61</b>	<b>0</b>	<b>55</b>	<b>5</b>	--	--	<b>6</b>	<b>63</b>	<b>14</b>	<b>36</b>
Pentanes Plus	28	0	--	--	--	--	0	20	3	4
Liquefied Petroleum Gases	33	--	55	5	--	--	7	43	11	32
Ethane/Ethylene	0	--	--	--	--	--	--	--	--	0
Propane/Propylene	12	--	46	4	--	--	2	--	10	49
Normal Butane/Butylene	6	--	11	1	--	--	4	23	1	-12
Isobutane/Isobutylene	15	--	-2	0	--	--	0	19	--	-6
<b>Other Liquids</b>	<b>--</b>	<b>17</b>	<b>--</b>	<b>71</b>	<b>245</b>	<b>83</b>	<b>6</b>	<b>402</b>	<b>9</b>	<b>-2</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	17	--	6	139	35	1	192	3	-1
Hydrogen	--	--	--	--	--	43	--	43	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	1	--	--	1	0
Renewable Fuels (including Fuel Ethanol)	--	17	--	6	139	-9	1	149	2	-1
Fuel Ethanol <sup>6</sup>	--	14	--	6	130	-3	1	145	1	0
Renewable Fuels Except Fuel Ethanol	--	2	--	0	9	-6	0	4	1	--
Other Hydrocarbons	--	--	--	--	--	0	--	--	--	0
Unfinished Oils	--	--	--	49	1	--	-5	57	--	-1
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	16	105	48	10	154	5	0
Reformulated	--	--	--	1	66	3	5	63	--	0
Conventional	--	--	--	15	39	45	5	91	4	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>--</b>	<b>2,929</b>	<b>83</b>	<b>75</b>	<b>-39</b>	<b>1</b>	<b>--</b>	<b>312</b>	<b>2,735</b>
Finished Motor Gasoline	--	--	1,540	3	33	-45	0	--	36	1,495
Reformulated	--	--	1,059	--	--	-9	0	--	0	1,050
Conventional	--	--	482	3	33	-36	0	--	36	446
Finished Aviation Gasoline	--	--	1	0	--	--	0	--	--	1
Kerosene-Type Jet Fuel	--	--	410	33	9	--	1	--	37	414
Kerosene	--	--	1	0	--	--	0	--	1	1
Distillate Fuel Oil	--	--	524	10	34	6	-3	--	77	500
15 ppm sulfur and under <sup>7</sup>	--	--	481	8	34	6	--	--	57	476
Greater than 15 ppm to 500 ppm sulfur <sup>7</sup>	--	--	14	0	0	--	-2	--	14	2
Greater than 500 ppm sulfur	--	--	28	1	--	--	2	--	5	22
Residual Fuel Oil <sup>8</sup>	--	--	123	29	--	--	2	--	25	125
Less than 0.31 percent sulfur	--	--	2	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	28	2	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	93	28	--	--	2	--	NA	NA
Petrochemical Feedstocks	--	--	0	1	--	--	0	--	--	2
Naphtha for Petro. Feed. Use	--	--	0	1	--	--	0	--	--	2
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	1	--	--	--	0	--	1	0
Lubricants	--	--	16	1	-1	--	0	--	8	8
Waxes	--	--	--	1	--	--	--	--	0	1
Petroleum Coke	--	--	151	1	--	--	1	--	124	28
Marketable	--	--	120	1	--	--	1	--	124	-4
Catalyst	--	--	32	--	--	--	--	--	--	32
Asphalt and Road Oil	--	--	27	3	--	--	0	--	5	26
Still Gas	--	--	122	--	--	--	--	--	--	122
Miscellaneous Products	--	--	13	--	--	--	0	--	0	13
<b>Total</b>	<b>1,166</b>	<b>16</b>	<b>2,984</b>	<b>1,337</b>	<b>322</b>	<b>100</b>	<b>13</b>	<b>2,807</b>	<b>336</b>	<b>2,769</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> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<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.

<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> Exports include industrial alcohol.

<sup>7</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

<sup>8</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

**Table 25. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, November 2012**  
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
<b>Supply</b>							
Field Production .....	775	36,208	122,154	13,434	34,207	206,778	6,893
Alaskan .....	--	--	--	--	--	16,596	553
Lower 48 States .....	--	--	--	--	--	190,182	6,339
Imports (PAD District of Entry) .....	25,521	47,952	130,599	9,351	30,472	243,895	8,130
Commercial .....	25,521	47,952	130,599	9,351	30,472	243,895	8,130
Strategic Petroleum Reserve (SPR) .....	--	--	--	--	--	--	--
Net Receipts .....	73	24,426	-19,751	-4,748	--	--	--
Adjustments <sup>1</sup> .....	2,480	-3,830	6,945	-974	1,705	6,326	211
<b>Disposition</b>							
Stock Change <sup>2</sup> .....	1,357	3,344	-1,460	406	-465	3,182	106
Commercial .....	--	--	-1,460	--	--	3,182	106
SPR .....	--	--	0	--	--	0	0
Refinery Inputs .....	27,120	99,582	241,407	16,657	66,849	451,615	15,054
Exports .....	372	1,829	--	--	--	2,201	73
<b>Ending Stocks</b>							
Total .....	11,185	108,952	879,914	18,753	54,755	1,073,559	--
Commercial .....	11,185	108,952	184,962	18,753	54,755	378,607	--
Refinery .....	10,004	12,110	48,680	2,659	23,331	96,784	--
Tank Farms and Pipelines .....	1,042	93,197	117,850	12,259	26,113	250,461	--
Cushing, Oklahoma .....	--	45,918	--	--	--	45,918	--
Lease .....	139	3,645	18,432	3,835	749	26,800	--
Alaskan Crude Oil In-Transit by Water .....	--	--	--	--	4,562	4,562	--
SPR .....	--	--	694,952	--	--	694,952	--
<b>SPR Stocks</b>							
Percent of Total Crude Oil Stocks (Percent) .....	--	--	--	--	--	64.7	--
Percent of Total Petroleum Stocks (Percent) .....	--	--	--	--	--	38.4	--
Days of Total Petroleum Net Imports (Days) .....	--	--	--	--	--	104	--
<b>SPR Receipts Detail</b>							
Receipts .....	--	--	--	--	--	--	--
Domestic .....	--	--	--	--	--	--	--
Imports .....	--	--	--	--	--	--	--
Imported by SPR .....	--	--	--	--	--	--	--
Imported for SPR by Others .....	--	--	--	--	--	--	--
<b>Imports</b>							
PAD District of Entry .....	25,521	47,952	130,599	9,351	30,472	243,895	8,130
PAD District of Processing .....	25,851	48,023	131,835	7,714	30,472	243,895	8,130

-- = 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.

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-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the Bureau of Census.

**Table 26. Production of Crude Oil by PAD District and State, November 2012**  
(Thousand Barrels)

PAD District and State	November 2012		January-November 2012	
	Total	Daily Average	Total	Daily Average
<b>PAD District 1</b> .....	<b>775</b>	<b>26</b>	<b>7,940</b>	<b>24</b>
Florida .....	203	7	1,991	6
New York .....	30	1	335	1
Pennsylvania .....	360	12	3,550	11
Virginia .....	1	0	9	0
West Virginia .....	180	6	2,056	6
<b>PAD District 2</b> .....	<b>36,208</b>	<b>1,207</b>	<b>366,546</b>	<b>1,094</b>
Illinois .....	814	27	9,024	27
Indiana .....	241	8	2,131	6
Kansas .....	3,676	123	40,027	119
Kentucky .....	189	6	2,318	7
Michigan .....	549	18	6,210	19
Missouri .....	12	0	116	0
Nebraska .....	207	7	2,512	7
North Dakota .....	21,922	731	218,483	652
Ohio .....	399	13	4,454	13
Oklahoma .....	8,036	268	79,403	237
South Dakota .....	144	5	1,612	5
Tennessee .....	19	1	257	1
<b>PAD District 3</b> .....	<b>122,154</b>	<b>4,072</b>	<b>1,251,617</b>	<b>3,736</b>
Alabama .....	840	28	8,769	26
Arkansas .....	570	19	5,981	18
Louisiana .....	5,941	198	64,440	192
Mississippi .....	2,011	67	22,077	66
New Mexico .....	7,411	247	76,069	227
Texas .....	64,180	2,139	652,767	1,949
Federal Offshore PAD District 3 .....	41,202	1,373	421,513	1,258
<b>PAD District 4</b> .....	<b>13,434</b>	<b>448</b>	<b>144,867</b>	<b>432</b>
Colorado .....	4,016	134	41,145	123
Montana .....	2,150	72	23,500	70
Utah .....	2,467	82	27,006	81
Wyoming .....	4,800	160	53,216	159
<b>PAD District 5</b> .....	<b>34,207</b>	<b>1,140</b>	<b>370,166</b>	<b>1,105</b>
Alaska .....	16,596	553	175,181	523
South Alaska .....	337	11	3,660	11
North Slope .....	16,258	542	171,521	512
Arizona .....	5	0	46	0
California .....	15,987	533	178,287	532
Nevada .....	29	1	339	1
Federal Offshore PAD District 5 .....	1,590	53	16,312	49
<b>U.S. Total</b> .....	<b>206,778</b>	<b>6,893</b>	<b>2,141,136</b>	<b>6,391</b>

- = No Data Reported.

Note: The year-to-date totals include revised monthly State estimates published in the Petroleum Supply Navigator. Totals may not equal sum of components due to independent rounding. All PAD District totals and the U.S. total are estimates. In addition, reported production of most States are estimates. State offshore production for Louisiana, Texas, Alaska, and California are included in the State totals and are not reported separately in a "State Offshore Production" category.

Sources: 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, November 2012**  
(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>Natural Gas Liquids</b> .....	-	1,613	1,613	2,153	1,299	9,693	13,145
Pentanes Plus .....	-	278	278	153	227	1,154	1,534
Liquefied Petroleum Gases .....	-	1,335	1,335	2,000	1,072	8,539	11,611
Ethane .....	-	14	14	678	1	3,713	4,392
Propane .....	-	909	909	951	692	3,181	4,824
Normal Butane .....	-	192	192	175	318	921	1,414
Isobutane .....	-	220	220	196	61	724	981

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>Natural Gas Liquids</b> .....	31,632	4,439	6,164	520	5,007	47,762	10,874	2,078	75,472
Pentanes Plus .....	3,739	474	707	137	510	5,567	1,523	955	9,857
Liquefied Petroleum Gases .....	27,893	3,965	5,457	383	4,497	42,195	9,351	1,123	65,615
Ethane .....	13,819	2,044	2,624	154	2,322	20,963	4,567	2	29,938
Propane .....	8,999	1,231	1,780	124	1,441	13,575	3,033	400	22,741
Normal Butane .....	3,185	-1,955	611	68	446	2,355	1,257	398	5,616
Isobutane .....	1,890	2,645	442	37	288	5,302	494	323	7,320

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>Natural Gas Liquids</b> .....	-	93	93	407	51	556	1,014
Pentanes Plus .....	-	11	11	41	19	38	98
Liquefied Petroleum Gases .....	-	82	82	366	32	518	916
Ethane .....	-	-	-	22	-	161	183
Propane .....	-	78	78	273	17	231	521
Normal Butane .....	-	3	3	25	13	81	119
Isobutane .....	-	1	1	46	2	45	93

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>Natural Gas Liquids</b> .....	155	2,761	640	15	25	3,596	120	224	5,047
Pentanes Plus .....	23	99	175	5	8	310	48	25	492
Liquefied Petroleum Gases .....	132	2,662	465	10	17	3,286	72	199	4,555
Ethane .....	26	461	-	-	-	487	2	-	672
Propane .....	76	1,207	21	6	7	1,317	42	40	1,998
Normal Butane .....	22	749	169	4	7	951	23	111	1,207
Isobutane .....	8	245	275	-	3	531	5	48	678

- = 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, November 2012**  
(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>24,334</b>	<b>2,786</b>	<b>27,120</b>	<b>64,062</b>	<b>14,031</b>	<b>21,489</b>	<b>99,582</b>
<b>Natural Gas Plant Liquids and Liquefied</b>							
<b>Refinery Gases</b> .....	<b>653</b>	<b>-</b>	<b>653</b>	<b>2,942</b>	<b>227</b>	<b>1,321</b>	<b>4,490</b>
Pentanes Plus .....	-	-	-	655	-	364	1,019
Liquefied Petroleum Gases .....	653	-	653	2,287	227	957	3,471
Normal Butane .....	452	-	452	1,324	188	508	2,020
Isobutane .....	201	-	201	963	39	449	1,451
<b>Other Liquids</b> .....	<b>66,882</b>	<b>5,417</b>	<b>72,299</b>	<b>3,452</b>	<b>3,153</b>	<b>3,068</b>	<b>9,673</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	8,690	827	9,517	5,079	1,182	1,457	7,718
Hydrogen .....	112	29	141	431	79	155	665
Oxygenates (excluding Fuel Ethanol) .....	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE) .....	-	-	-	-	-	-	-
All Other Oxygenates <sup>1</sup> .....	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol) .....	8,578	798	9,376	4,613	1,103	1,302	7,018
Fuel Ethanol .....	8,428	759	9,187	4,405	1,059	1,276	6,740
Renewable Diesel Fuel .....	150	39	189	208	44	26	278
Other Renewable Fuels .....	-	-	-	-	-	-	-
Other Hydrocarbons .....	-	-	-	35	-	-	35
Unfinished Oils (net) .....	2,393	-48	2,345	-378	47	453	122
Naphthas and Lighter .....	547	15	562	1,027	48	171	1,246
Kerosene and Light Gas Oils .....	-146	-1	-147	-606	-40	-15	-661
Heavy Gas Oils .....	1,123	-60	1,063	302	38	189	529
Residuum .....	869	-2	867	-1,101	1	108	-992
Motor Gasoline Blend.Comp. (MGBC)(net) .....	55,799	4,638	60,437	-1,249	1,924	1,158	1,833
Reformulated - RBOB .....	16,150	-	16,150	-1,169	906	869	606
Conventional .....	39,649	4,638	44,287	-80	1,018	289	1,227
CBOB .....	32,941	4,620	37,561	-1,405	1,023	-16	-398
GTAB .....	2,369	-	2,369	-	-	-	-
Other .....	4,339	18	4,357	1,325	-5	305	1,625
Aviation Gasoline Blend. Comp. (net) .....	-	-	-	-	-	-	-
<b>Total Input</b> .....	<b>91,869</b>	<b>8,203</b>	<b>100,072</b>	<b>70,456</b>	<b>17,411</b>	<b>25,878</b>	<b>113,745</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, November 2012**  
(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>16,807</b>	<b>113,973</b>	<b>100,491</b>	<b>6,305</b>	<b>3,831</b>	<b>241,407</b>	<b>16,657</b>	<b>66,849</b>	<b>451,615</b>
<b>Natural Gas Plant Liquids and Liquefied</b>									
<b>Refinery Gases</b> .....	<b>662</b>	<b>5,163</b>	<b>3,870</b>	<b>176</b>	<b>140</b>	<b>10,011</b>	<b>662</b>	<b>2,900</b>	<b>18,716</b>
Pentanes Plus .....	252	1,838	1,206	157	—	3,453	223	755	5,450
Liquefied Petroleum Gases .....	410	3,325	2,664	19	140	6,558	439	2,145	13,266
Normal Butane .....	240	1,878	1,109	12	—	3,239	268	1,487	7,466
Isobutane .....	170	1,447	1,555	7	140	3,319	171	658	5,800
<b>Other Liquids</b> .....	<b>7,857</b>	<b>-24,304</b>	<b>-34,134</b>	<b>4,337</b>	<b>-14</b>	<b>-46,258</b>	<b>-253</b>	<b>12,265</b>	<b>47,726</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	1,710	2,851	1,878	1,060	177	7,676	876	5,810	31,597
Hydrogen .....	22	2,059	1,438	155	36	3,710	204	1,362	6,082
Oxygenates (excluding Fuel Ethanol) .....	—	49	—	—	—	49	—	—	49
Methyl Tertiary Butyl Ether (MTBE) .....	—	49	—	—	—	49	—	—	49
All Other Oxygenates <sup>1</sup> .....	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	1,688	743	440	905	141	3,917	672	4,448	25,431
Fuel Ethanol .....	1,637	689	435	867	134	3,762	657	4,343	24,689
Renewable Diesel Fuel .....	51	50	5	38	7	151	15	105	738
Other Renewable Fuels .....	—	4	—	—	—	4	—	—	4
Other Hydrocarbons .....	—	—	—	—	—	—	—	—	35
Unfinished Oils (net) .....	-178	6,582	2,505	198	21	9,128	-445	4,103	15,253
Naphthas and Lighter .....	-56	-478	-1,028	92	26	-1,444	-369	-338	-343
Kerosene and Light Gas Oils .....	14	-616	-102	-15	-7	-726	-195	47	-1,682
Heavy Gas Oils .....	3	6,393	2,025	153	2	8,576	127	3,971	14,266
Residuum .....	-139	1,283	1,610	-32	—	2,722	-8	423	3,012
Motor Gasoline Blend.Comp. (MGBC)(net) .....	6,327	-33,737	-38,517	3,079	-212	-63,060	-684	2,352	878
Reformulated - RBOB .....	4,680	-9,169	-4,187	—	-648	-9,324	—	-565	6,867
Conventional .....	1,647	-24,568	-34,330	3,079	436	-53,736	-684	2,917	-5,989
CBOB .....	2,010	-24,853	-32,766	4,098	416	-51,095	-863	3,456	-11,339
GTAB .....	—	—	—	—	—	—	—	—	2,369
Other .....	-363	285	-1,564	-1,019	20	-2,641	179	-539	2,981
Aviation Gasoline Blend. Comp. (net) .....	-2	—	—	—	—	-2	—	—	-2
<b>Total Input</b> .....	<b>25,326</b>	<b>94,832</b>	<b>70,227</b>	<b>10,818</b>	<b>3,957</b>	<b>205,160</b>	<b>17,066</b>	<b>82,014</b>	<b>518,057</b>

— = No Data Reported.

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

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

Note: Refer to Appendix A for Refining District descriptions.

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

**Table 29. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, November 2012**  
(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
Liquefied Refinery Gases .....	380	-19	361	1,249	-286	73	1,036
Ethane/Ethylene .....	-	-	-	-	-	-	-
Ethane .....	-	-	-	-	-	-	-
Ethylene .....	-	-	-	-	-	-	-
Propane/Propylene .....	675	26	701	2,139	319	562	3,020
Propane .....	509	26	535	1,433	278	406	2,117
Propylene .....	166	-	166	706	41	156	903
Normal Butane/Butylene .....	-210	-38	-248	-900	-591	-506	-1,997
Normal Butane .....	-190	-38	-228	-897	-591	-506	-1,994
Butylene .....	-20	-	-20	-3	-	-	-3
Isobutane/Isobutylene .....	-85	-7	-92	10	-14	17	13
Isobutane .....	-85	-7	-92	10	-14	17	13
Isobutylene .....	-	-	-	-	-	-	-
Finished Motor Gasoline .....	77,736	6,535	84,271	41,050	10,872	15,411	67,333
Reformulated .....	33,809	-	33,809	8,358	1,495	961	10,814
Reformulated Blended with Fuel Ethanol .....	33,809	-	33,809	8,358	1,495	961	10,814
Reformulated Other .....	-	-	-	-	-	-	-
Conventional .....	43,927	6,535	50,462	32,692	9,377	14,450	56,519
Conventional Blended with Fuel Ethanol .....	49,328	7,863	57,191	35,619	9,027	11,724	56,370
Ed55 and Lower .....	49,324	7,863	57,187	35,613	9,009	11,702	56,324
Greater than Ed55 .....	4	-	4	6	18	22	46
Conventional Other .....	-5,401	-1,328	-6,729	-2,927	350	2,726	149
Finished Aviation Gasoline .....	-	-	-	-	56	-	56
Kerosene-Type Jet Fuel .....	1,615	-	1,615	4,423	732	638	5,793
Kerosene .....	72	-104	-32	90	2	1	93
Distillate Fuel Oil .....	8,280	804	9,084	17,206	4,218	8,545	29,969
15 ppm sulfur and under .....	5,663	681	6,344	17,249	4,315	9,012	30,576
Greater than 15 ppm to 500 ppm sulfur .....	84	161	245	65	-1	58	122
Greater than 500 ppm sulfur .....	2,533	-38	2,495	-108	-96	-525	-729
Residual Fuel Oil .....	1,652	10	1,662	991	213	115	1,319
Less than 0.31 percent sulfur .....	532	5	537	-	-	-	-
0.31 to 1.00 percent sulfur .....	213	5	218	94	57	-	151
Greater than 1.00 percent sulfur .....	907	-	907	897	156	115	1,168
Petrochemical Feedstocks .....	131	-	131	1,237	-23	64	1,278
Naphtha for Petro. Feed. Use .....	131	-	131	934	-23	32	943
Other Oils for Petro. Feed. Use .....	-	-	-	303	-	32	335
Special Naphthas .....	-	23	23	-23	-	-	-23
Lubricants .....	243	178	421	-	-	35	35
Waxes .....	-	-5	-5	-	-	12	12
Petroleum Coke .....	904	20	924	2,857	723	953	4,533
Marketable .....	330	-	330	1,799	572	701	3,072
Catalyst .....	574	20	594	1,058	151	252	1,461
Asphalt and Road Oil .....	1,090	651	1,741	2,563	1,430	514	4,507
Still Gas .....	1,034	71	1,105	2,331	641	857	3,829
Miscellaneous Products .....	47	37	84	217	98	49	364
<b>Total .....</b>	<b>93,184</b>	<b>8,201</b>	<b>101,385</b>	<b>74,191</b>	<b>18,676</b>	<b>27,267</b>	<b>120,134</b>
Processing Gain(-) or Loss(+) <sup>1</sup> .....	-1,315	2	-1,313	-3,735	-1,265	-1,389	-6,389

See footnotes at end of table.



**Table 29. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, November 2012**  
(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			
Liquefied Refinery Gases .....	473	5,078	3,928	-25	41	9,495	73	5	10,970
Ethane/Ethylene .....	-	476	21	-	-	497	-	-	497
Ethane .....	-	334	21	-	-	355	-	-	355
Ethylene .....	-	142	-	-	-	142	-	-	142
Propane/Propylene .....	649	5,556	4,842	38	51	11,136	216	1,431	16,504
Propane .....	314	2,420	1,488	4	51	4,277	194	1,140	8,263
Propylene .....	335	3,136	3,354	34	-	6,859	22	291	8,241
Normal Butane/Butylene .....	-170	-955	-1,134	-63	-10	-2,332	-153	-1,215	-5,945
Normal Butane .....	-197	-458	-1,119	-63	-8	-1,845	-148	-1,224	-5,439
Butylene .....	27	-497	-15	-	-2	-487	-5	9	-506
Isobutane/Isobutylene .....	-6	1	199	-	-	194	10	-211	-86
Isobutane .....	-6	12	199	-	-	205	10	-211	-75
Isobutylene .....	-	-11	-	-	-	-11	-	-	-11
Finished Motor Gasoline .....	17,513	25,319	12,192	6,049	2,027	63,100	8,818	46,948	270,470
Reformulated .....	6,081	5,599	-	-	-	11,680	-	31,273	87,576
Reformulated Blended with Fuel Ethanol .....	6,081	5,599	-	-	-	11,680	-	31,273	87,576
Reformulated Other .....	-	-	-	-	-	-	-	-	-
Conventional .....	11,432	19,720	12,192	6,049	2,027	51,420	8,818	15,675	182,894
Conventional Blended with Fuel Ethanol .....	10,380	1,308	4,362	8,608	1,330	25,988	6,557	12,245	158,351
Ed55 and Lower .....	10,377	1,308	4,362	8,607	1,330	25,984	6,552	12,242	158,289
Greater than Ed55 .....	3	-	-	1	-	4	5	3	62
Conventional Other .....	1,052	18,412	7,830	-2,559	697	25,432	2,261	3,430	24,543
Finished Aviation Gasoline .....	104	133	45	-	-	282	15	67	420
Kerosene-Type Jet Fuel .....	1,249	10,061	10,350	225	-	21,885	744	11,315	41,352
Kerosene .....	3	-34	284	6	-	259	1	22	343
Distillate Fuel Oil .....	4,897	38,410	32,471	2,306	1,516	79,600	5,645	16,751	141,049
15 ppm sulfur and under .....	4,274	35,228	24,538	2,229	1,502	67,771	5,563	15,556	125,810
Greater than 15 ppm to 500 ppm sulfur .....	580	1,006	3,517	35	-	5,138	136	495	6,136
Greater than 500 ppm sulfur .....	43	2,176	4,416	42	14	6,691	-54	700	9,103
Residual Fuel Oil .....	167	3,304	3,223	-139	233	6,788	369	3,226	13,364
Less than 0.31 percent sulfur .....	91	-44	286	-	-	333	195	52	1,117
0.31 to 1.00 percent sulfur .....	80	590	618	-67	13	1,234	16	607	2,226
Greater than 1.00 percent sulfur .....	-4	2,758	2,319	-72	220	5,221	158	2,567	10,021
Petrochemical Feedstocks .....	131	5,217	2,484	5	-	7,837	-	4	9,250
Naphtha for Petro. Feed. Use .....	123	3,981	1,515	5	-	5,624	-	4	6,702
Other Oils for Petro. Feed. Use .....	8	1,236	969	-	-	2,213	-	-	2,548
Special Naphthas .....	8	750	252	188	-	1,198	-	21	1,219
Lubricants .....	24	1,432	1,072	862	-	3,390	-	271	4,117
Waxes .....	-	123	32	25	-	180	-	-	187
Petroleum Coke .....	246	8,129	6,507	122	56	15,060	764	5,022	26,303
Marketable .....	46	6,305	5,114	122	-	11,587	531	3,930	19,450
Catalyst .....	200	1,824	1,393	-	56	3,473	233	1,092	6,853
Asphalt and Road Oil .....	445	230	451	922	74	2,122	1,004	652	10,026
Still Gas .....	529	5,515	4,202	225	196	10,667	721	3,811	20,133
Miscellaneous Products .....	71	855	576	15	10	1,527	84	348	2,407
<b>Total .....</b>	<b>25,860</b>	<b>104,522</b>	<b>78,069</b>	<b>10,786</b>	<b>4,153</b>	<b>223,390</b>	<b>18,238</b>	<b>88,463</b>	<b>551,610</b>
Processing Gain(-) or Loss(+) <sup>1</sup> .....	-534	-9,690	-7,842	32	-196	-18,230	-1,172	-6,449	-33,553

- = 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 and Blender Report."

**Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, November 2012**  
(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>24,334</b>	<b>2,786</b>	<b>27,120</b>	<b>64,062</b>	<b>14,031</b>	<b>21,489</b>	<b>99,582</b>
<b>Natural Gas Plant Liquids</b> .....	<b>435</b>	<b>-</b>	<b>435</b>	<b>2,912</b>	<b>132</b>	<b>945</b>	<b>3,989</b>
Pentanes Plus .....	-	-	-	655	-	342	997
Liquefied Petroleum Gases .....	435	-	435	2,257	132	603	2,992
Normal Butane .....	234	-	234	1,294	93	154	1,541
Isobutane .....	201	-	201	963	39	449	1,451
<b>Other Liquids</b> .....	<b>-6,933</b>	<b>111</b>	<b>-6,822</b>	<b>-28,904</b>	<b>-2,818</b>	<b>355</b>	<b>-31,367</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	255	136	391	704	273	234	1,211
Hydrogen .....	112	29	141	431	79	155	665
Oxygenates (excluding Fuel Ethanol) .....	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE) .....	-	-	-	-	-	-	-
All Other Oxygenates <sup>1</sup> .....	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol) .....	143	107	250	238	194	79	511
Fuel Ethanol .....	143	95	238	178	173	75	426
Renewable Diesel Fuel .....	-	12	12	60	21	4	85
Other Renewable Fuels .....	-	-	-	-	-	-	-
Other Hydrocarbons .....	-	-	-	35	-	-	35
Unfinished Oils (net) .....	2,390	-47	2,343	-313	47	453	187
Naphthas and Lighter .....	547	15	562	1,027	48	171	1,246
Kerosene and Light Gas Oils .....	-146	-	-146	-541	-40	-15	-596
Heavy Gas Oils .....	1,014	-60	954	302	38	189	529
Residuum .....	975	-2	973	-1,101	1	108	-992
Motor Gasoline Blend.Comp. (MGBC)(net) .....	-9,578	22	-9,556	-29,295	-3,138	-332	-32,765
Reformulated - RBOB .....	-6,671	-	-6,671	-8,569	-454	-	-9,023
Conventional .....	-2,907	22	-2,885	-20,726	-2,684	-332	-23,742
CBOB .....	-2,870	6	-2,864	-20,977	-2,555	-488	-24,020
GTAB .....	229	-	229	-	-	-	-
Other .....	-266	16	-250	251	-129	156	278
Aviation Gasoline Blend. Comp. (net) .....	-	-	-	-	-	-	-
<b>Total Input to Refineries</b> .....	<b>17,836</b>	<b>2,897</b>	<b>20,733</b>	<b>38,070</b>	<b>11,345</b>	<b>22,789</b>	<b>72,204</b>
<b>Atmospheric Crude Oil Distillation</b>							
Gross Input (daily average) .....	833	94	927	2,092	465	715	3,272
Operable Capacity (daily average) .....	1,198	95	1,293	2,414	449	860	3,723
Operable Utilization Rate (percent) <sup>2</sup> .....	69.5	98.6	71.7	86.6	103.5	83.2	87.9
<b>Downstream Processing</b>							
<b>Fresh Feed Input (daily average)</b>							
Catalytic Reforming .....	156	15	171	444	72	154	670
Catalytic Cracking .....	328	16	344	695	133	204	1,031
Catalytic Hydrocracking .....	37	-	37	143	38	44	225
Delayed and Fluid Coking .....	53	-	53	238	57	79	375
<b>Crude Oil Qualities</b>							
Sulfur Content, Weighted Average (percent) .....	0.74	1.81	0.85	1.36	2.10	0.98	1.38
API Gravity, Weighted Average (degrees) .....	33.73	31.30	33.49	32.36	29.18	36.20	32.79
<b>Operable Capacity (daily average)</b> .....	<b>1,198</b>	<b>95</b>	<b>1,293</b>	<b>2,414</b>	<b>449</b>	<b>860</b>	<b>3,723</b>
Operating .....	932	95	1,027	2,387	449	693	3,529
Idle .....	266	-	266	28	-	167	195
<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, November 2012**  
(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> .....	16,807	113,973	100,491	6,305	3,831	241,407	16,657	66,849	451,615
<b>Natural Gas Plant Liquids</b> .....	623	4,568	3,870	164	140	9,365	624	2,900	17,313
Pentanes Plus .....	250	1,499	1,206	157	—	3,112	210	755	5,074
Liquefied Petroleum Gases .....	373	3,069	2,664	7	140	6,253	414	2,145	12,239
Normal Butane .....	203	1,622	1,109	—	—	2,934	243	1,487	6,439
Isobutane .....	170	1,447	1,555	7	140	3,319	171	658	5,800
<b>Other Liquids</b> .....	-5,270	-33,124	-36,771	-1,464	-518	-77,147	-2,006	-26,522	-143,864
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	185	2,174	1,579	184	84	4,206	457	1,509	7,774
Hydrogen .....	22	2,059	1,438	155	36	3,710	204	1,362	6,082
Oxygenates (excluding Fuel Ethanol) .....	—	49	—	—	—	49	—	—	49
Methyl Tertiary Butyl Ether (MTBE) .....	—	49	—	—	—	49	—	—	49
All Other Oxygenates <sup>1</sup> .....	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	163	66	141	29	48	447	253	147	1,608
Fuel Ethanol .....	126	49	134	26	48	383	240	142	1,429
Renewable Diesel Fuel .....	37	17	7	3	—	64	13	5	179
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Other Hydrocarbons .....	—	—	—	—	—	—	—	—	35
Unfinished Oils (net) .....	-178	6,582	2,505	198	21	9,128	-445	4,103	15,316
Naphthas and Lighter .....	-56	-478	-1,028	92	26	-1,444	-369	-338	-343
Kerosene and Light Gas Oils .....	14	-616	-102	-15	-7	-726	-195	47	-1,616
Heavy Gas Oils .....	3	6,393	2,025	153	2	8,576	127	3,971	14,157
Residuum .....	-139	1,283	1,610	-32	—	2,722	-8	423	3,118
Motor Gasoline Blend.Comp. (MGBC)(net) .....	-5,275	-41,880	-40,855	-1,846	-623	-90,479	-2,018	-32,134	-166,952
Reformulated - RBOB .....	-763	-14,375	-4,187	—	-648	-19,973	—	-27,714	-63,381
Conventional .....	-4,512	-27,505	-36,668	-1,846	25	-70,506	-2,018	-4,420	-103,571
CBOB .....	-4,149	-24,642	-35,104	-797	5	-64,687	-1,714	-3,720	-97,005
GTAB .....	—	—	—	—	—	—	—	—	229
Other .....	-363	-2,863	-1,564	-1,049	20	-5,819	-304	-700	-6,795
Aviation Gasoline Blend. Comp. (net) .....	-2	—	—	—	—	-2	—	—	-2
<b>Total Input to Refineries</b> .....	12,160	85,417	67,590	5,005	3,453	173,625	15,275	43,227	325,064
<b>Atmospheric Crude Oil Distillation</b>									
Gross Input (daily average) .....	560	3,865	3,458	187	128	8,198	562	2,446	15,405
Operable Capacity (daily average) .....	669	4,099	3,577	243	143	8,731	625	3,032	17,405
Operable Utilization Rate (percent) <sup>2</sup> .....	83.7	94.3	96.7	77.0	89.3	93.9	89.9	80.7	88.5
<b>Downstream Processing</b>									
<b>Fresh Feed Input (daily average)</b>									
Catalytic Reforming .....	120	657	509	33	26	1,344	94	337	2,617
Catalytic Cracking .....	151	1,311	1,146	18	35	2,661	146	751	4,934
Catalytic Hydrocracking .....	51	441	367	16	—	875	22	443	1,601
Delayed and Fluid Coking .....	8	725	552	25	—	1,310	69	473	2,279
<b>Crude Oil Qualities</b>									
Sulfur Content, Weighted Average (percent) .....	0.62	1.72	1.59	1.53	0.79	1.56	1.50	1.39	1.45
API Gravity, Weighted Average (degrees) .....	36.71	28.43	30.87	32.21	36.72	30.29	32.82	27.02	30.62
<b>Operable Capacity (daily average)</b> .....	669	4,099	3,577	243	143	8,731	625	3,032	17,405
Operating .....	669	4,040	3,522	243	126	8,601	625	2,648	16,431
Idle .....	—	59	55	—	17	130	—	384	974
<b>Alaskan Crude Oil Receipts</b> .....	—	—	—	—	—	—	—	15,604	15,604

— = No Data Reported.

NA = Not Available.

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

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

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

Note: Refer to Appendix A for Refining District descriptions.

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

**Table 31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, November 2012**  
(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
Liquefied Refinery Gases .....	380	-19	361	1,249	-286	73	1,036
Ethane/Ethylene .....	-	-	-	-	-	-	-
Ethane .....	-	-	-	-	-	-	-
Ethylene .....	-	-	-	-	-	-	-
Propane/Propylene .....	675	26	701	2,139	319	562	3,020
Propane .....	509	26	535	1,433	278	406	2,117
Propylene .....	166	-	166	706	41	156	903
Normal Butane/Butylene .....	-210	-38	-248	-900	-591	-506	-1,997
Normal Butane .....	-190	-38	-228	-897	-591	-506	-1,994
Butylene .....	-20	-	-20	-3	-	-	-3
Isobutane/Isobutylene .....	-85	-7	-92	10	-14	17	13
Isobutane .....	-85	-7	-92	10	-14	17	13
Isobutylene .....	-	-	-	-	-	-	-
Finished Motor Gasoline .....	3,821	1,150	4,971	8,769	4,834	12,345	25,948
Reformulated .....	1,426	-	1,426	-	-	-	-
Reformulated Blended with Fuel Ethanol .....	1,426	-	1,426	-	-	-	-
Reformulated Other .....	-	-	-	-	-	-	-
Conventional .....	2,395	1,150	3,545	8,769	4,834	12,345	25,948
Conventional Blended with Fuel Ethanol .....	-	955	955	1,776	1,737	801	4,314
Ed55 and Lower .....	-	955	955	1,776	1,737	801	4,314
Greater than Ed55 .....	-	-	-	-	-	-	-
Conventional Other .....	2,395	195	2,590	6,993	3,097	11,544	21,634
Finished Aviation Gasoline .....	-	-	-	-	56	-	56
Kerosene-Type Jet Fuel .....	1,577	-	1,577	4,571	732	638	5,941
Commercial .....	1,577	-	1,577	4,433	653	487	5,573
Military .....	-	-	-	138	79	151	368
Kerosene .....	124	3	127	91	-	1	92
Distillate Fuel Oil .....	8,284	777	9,061	16,952	4,194	8,523	29,669
15 ppm sulfur and under .....	5,898	654	6,552	17,060	4,291	8,989	30,340
Greater than 15 ppm to 500 ppm sulfur .....	45	78	123	-	-1	-41	-42
Greater than 500 ppm sulfur .....	2,341	45	2,386	-108	-96	-425	-629
Residual Fuel Oil .....	1,516	10	1,526	991	213	115	1,319
Less than 0.31 percent sulfur .....	392	5	397	-	-	-	-
0.31 to 1.00 percent sulfur .....	544	5	549	94	57	-	151
Greater than 1.00 percent sulfur .....	580	-	580	897	156	115	1,168
Petrochemical Feedstocks .....	131	-	131	1,237	-23	64	1,278
Naphtha for Petro. Feed. Use .....	131	-	131	934	-23	32	943
Other Oils for Petro. Feed. Use .....	-	-	-	303	-	32	335
Special Naphthas .....	-	23	23	-23	-	-	-23
Lubricants .....	243	178	421	-	-	35	35
Naphthenic .....	-	-	-	-	-	-	-
Paraffinic .....	243	178	421	-	-	35	35
Waxes .....	-	-5	-5	-	-	12	12
Petroleum Coke .....	904	20	924	2,857	723	953	4,533
Marketable .....	330	-	330	1,799	572	701	3,072
Catalyst .....	574	20	594	1,058	151	252	1,461
Asphalt and Road Oil .....	1,090	651	1,741	2,563	1,430	514	4,507
Still Gas .....	1,034	71	1,105	2,331	641	857	3,829
Miscellaneous Products .....	47	37	84	217	98	49	364
Fuel Use .....	-	-	-	-	-	-	-
Nonfuel Use .....	47	37	84	217	98	49	364
<b>Total .....</b>	<b>19,151</b>	<b>2,896</b>	<b>22,047</b>	<b>41,805</b>	<b>12,612</b>	<b>24,179</b>	<b>78,596</b>
Processing Gain(-) or Loss(+) <sup>1</sup> .....	-1,315	1	-1,314	-3,735	-1,267	-1,390	-6,392

See footnotes at end of table.

**Table 31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, November 2012**  
(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					
Liquefied Refinery Gases .....	473	5,078	3,928	-25	41	9,495	73	5	10,970	
Ethane/Ethylene .....	-	476	21	-	-	497	-	-	497	
Ethane .....	-	334	21	-	-	355	-	-	355	
Ethylene .....	-	142	-	-	-	142	-	-	142	
Propane/Propylene .....	649	5,556	4,842	38	51	11,136	216	1,431	16,504	
Propane .....	314	2,420	1,488	4	51	4,277	194	1,140	8,263	
Propylene .....	335	3,136	3,354	34	-	6,859	22	291	8,241	
Normal Butane/Butylene .....	-170	-955	-1,134	-63	-10	-2,332	-153	-1,215	-5,945	
Normal Butane .....	-197	-458	-1,119	-63	-8	-1,845	-148	-1,224	-5,439	
Butylene .....	27	-497	-15	-	-2	-487	-5	9	-506	
Isobutane/Isobutylene .....	-6	1	199	-	-	194	10	-211	-86	
Isobutane .....	-6	12	199	-	-	205	10	-211	-75	
Isobutylene .....	-	-11	-	-	-	-11	-	-	-11	
Finished Motor Gasoline .....	4,361	15,937	9,554	272	1,530	31,654	7,032	8,263	77,868	
Reformulated .....	-	-	-	-	-	-	-	1,118	2,544	
Reformulated Blended with Fuel Ethanol .....	-	-	-	-	-	-	-	1,118	2,544	
Reformulated Other .....	-	-	-	-	-	-	-	-	-	
Conventional .....	4,361	15,937	9,554	272	1,530	31,654	7,032	7,145	75,324	
Conventional Blended with Fuel Ethanol .....	1,264	473	1,344	254	471	3,806	2,418	280	11,773	
Ed55 and Lower .....	1,261	473	1,344	254	471	3,803	2,418	280	11,770	
Greater than Ed55 .....	3	-	-	-	-	3	-	-	3	
Conventional Other .....	3,097	15,464	8,210	18	1,059	27,848	4,614	6,865	63,551	
Finished Aviation Gasoline .....	104	133	45	-	-	282	15	67	420	
Kerosene-Type Jet Fuel .....	1,249	10,306	10,350	225	-	22,130	744	11,336	41,728	
Commercial .....	847	8,687	9,968	75	-	19,577	653	10,494	37,874	
Military .....	402	1,619	382	150	-	2,553	91	842	3,854	
Kerosene .....	3	-34	284	6	-	259	1	2	481	
Distillate Fuel Oil .....	4,883	38,141	32,513	2,271	1,509	79,317	5,643	16,646	140,336	
15 ppm sulfur and under .....	4,260	35,258	24,538	2,194	1,495	67,745	5,561	15,454	125,652	
Greater than 15 ppm to 500 ppm sulfur .....	580	1,006	3,519	35	-	5,140	136	495	5,852	
Greater than 500 ppm sulfur .....	43	1,877	4,456	42	14	6,432	-54	697	8,832	
Residual Fuel Oil .....	167	3,275	3,160	-139	233	6,696	369	3,224	13,134	
Less than 0.31 percent sulfur .....	91	-5	286	-	-	372	195	50	1,014	
0.31 to 1.00 percent sulfur .....	80	464	590	-67	13	1,080	16	607	2,403	
Greater than 1.00 percent sulfur .....	-4	2,816	2,284	-72	220	5,244	158	2,567	9,717	
Petrochemical Feedstocks .....	131	5,217	2,484	5	-	7,837	-	4	9,250	
Naphtha for Petro. Feed. Use .....	123	3,981	1,515	5	-	5,624	-	4	6,702	
Other Oils for Petro. Feed. Use .....	8	1,236	969	-	-	2,213	-	-	2,548	
Special Naphthas .....	8	750	252	188	-	1,198	-	21	1,219	
Lubricants .....	24	1,432	1,072	862	-	3,390	-	271	4,117	
Naphthenic .....	24	57	-	647	-	728	-	117	845	
Paraffinic .....	-	1,375	1,072	215	-	2,662	-	154	3,272	
Waxes .....	-	123	32	25	-	180	-	-	187	
Petroleum Coke .....	246	8,129	6,507	122	56	15,060	764	5,022	26,303	
Marketable .....	46	6,305	5,114	122	-	11,587	531	3,930	19,450	
Catalyst .....	200	1,824	1,393	-	56	3,473	233	1,092	6,853	
Asphalt and Road Oil .....	445	250	474	922	74	2,165	1,004	652	10,069	
Still Gas .....	529	5,515	4,202	225	196	10,667	721	3,811	20,133	
Miscellaneous Products .....	71	855	576	15	10	1,527	84	348	2,407	
Fuel Use .....	-	-	-	-	-	-	-	-	-	
Nonfuel Use .....	71	855	576	15	10	1,527	84	348	2,407	
<b>Total .....</b>	<b>12,694</b>	<b>95,107</b>	<b>75,433</b>	<b>4,974</b>	<b>3,649</b>	<b>191,857</b>	<b>16,450</b>	<b>49,672</b>	<b>358,622</b>	
Processing Gain(-) or Loss(+) <sup>1</sup> .....	-534	-9,690	-7,843	31	-196	-18,232	-1,175	-6,445	-33,558	

- = 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, November 2012**  
(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>Natural Gas Plant Liquids and Liquefied</b>									
<b>Refinery Gases</b> .....	<b>218</b>	<b>-</b>	<b>218</b>	<b>30</b>	<b>95</b>	<b>376</b>	<b>501</b>		
Pentanes Plus .....	-	-	-	-	-	22	22		
Liquefied Petroleum Gases .....	218	-	218	30	95	354	479		
Normal Butane .....	218	-	218	30	95	354	479		
Isobutane .....	-	-	-	-	-	-	-		
<b>Other Liquids</b> .....	<b>73,815</b>	<b>5,306</b>	<b>79,121</b>	<b>32,356</b>	<b>5,971</b>	<b>2,713</b>	<b>41,040</b>		
Oxygenates/Renewables .....	8,435	691	9,126	4,375	909	1,223	6,507		
Oxygenates (excluding Fuel Ethanol) .....	-	-	-	-	-	-	-		
Methyl Tertiary Butyl Ether (MTBE) .....	-	-	-	-	-	-	-		
All Other Oxygenates <sup>1</sup> .....	-	-	-	-	-	-	-		
Renewable Fuels (including Fuel Ethanol) .....	8,435	691	9,126	4,375	909	1,223	6,507		
Fuel Ethanol .....	8,285	664	8,949	4,227	886	1,201	6,314		
Renewable Diesel Fuel .....	150	27	177	148	23	22	193		
Other Renewable Fuels .....	-	-	-	-	-	-	-		
Unfinished Oils (net) .....	3	-1	2	-65	-	-	-65		
Naphthas and Lighter .....	-	-	-	-	-	-	-		
Kerosene and Light Gas Oils .....	-	-1	-1	-65	-	-	-65		
Heavy Gas Oils .....	109	-	109	-	-	-	-		
Residuum .....	-106	-	-106	-	-	-	-		
Motor Gasoline Blend.Comp. (MGBC)(net) .....	65,377	4,616	69,993	28,046	5,062	1,490	34,598		
Reformulated - RBOB .....	22,821	-	22,821	7,400	1,360	869	9,629		
Conventional .....	42,556	4,616	47,172	20,646	3,702	621	24,969		
CBOB .....	35,811	4,614	40,425	19,572	3,578	472	23,622		
GTAB .....	2,140	-	2,140	-	-	-	-		
Other .....	4,605	2	4,607	1,074	124	149	1,347		
Aviation Gasoline Blend. Comp. (net) .....	-	-	-	-	-	-	-		
<b>Total Input</b> .....	<b>74,033</b>	<b>5,306</b>	<b>79,339</b>	<b>32,386</b>	<b>6,066</b>	<b>3,089</b>	<b>41,541</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>Natural Gas Plant Liquids and Liquefied</b>									
<b>Refinery Gases</b> .....	<b>39</b>	<b>595</b>	<b>-</b>	<b>12</b>	<b>-</b>	<b>646</b>	<b>38</b>	<b>-</b>	<b>1,403</b>
Pentanes Plus .....	2	339	-	-	-	341	13	-	376
Liquefied Petroleum Gases .....	37	256	-	12	-	305	25	-	1,027
Normal Butane .....	37	256	-	12	-	305	25	-	1,027
Isobutane .....	-	-	-	-	-	-	-	-	-
<b>Other Liquids</b> .....	<b>13,127</b>	<b>8,820</b>	<b>2,637</b>	<b>5,801</b>	<b>504</b>	<b>30,889</b>	<b>1,753</b>	<b>38,787</b>	<b>191,590</b>
Oxygenates/Renewables .....	1,525	677	299	876	93	3,470	419	4,301	23,823
Oxygenates (excluding Fuel Ethanol) .....	-	-	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE) .....	-	-	-	-	-	-	-	-	-
All Other Oxygenates <sup>1</sup> .....	-	-	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol) .....	1,525	677	299	876	93	3,470	419	4,301	23,823
Fuel Ethanol .....	1,511	640	301	841	86	3,379	417	4,201	23,260
Renewable Diesel Fuel .....	14	33	-2	35	7	87	2	100	559
Other Renewable Fuels .....	-	4	-	-	-	4	-	-	4
Unfinished Oils (net) .....	-	-	-	-	-	-	-	-	-63
Naphthas and Lighter .....	-	-	-	-	-	-	-	-	-
Kerosene and Light Gas Oils .....	-	-	-	-	-	-	-	-	-66
Heavy Gas Oils .....	-	-	-	-	-	-	-	-	109
Residuum .....	-	-	-	-	-	-	-	-	-106
Motor Gasoline Blend.Comp. (MGBC)(net) .....	11,602	8,143	2,338	4,925	411	27,419	1,334	34,486	167,830
Reformulated - RBOB .....	5,443	5,206	-	-	-	10,649	-	27,149	70,248
Conventional .....	6,159	2,937	2,338	4,925	411	16,770	1,334	7,337	97,582
CBOB .....	6,159	-211	2,338	4,895	411	13,592	851	7,176	85,666
GTAB .....	-	-	-	-	-	-	-	-	2,140
Other .....	-	3,148	-	30	-	3,178	483	161	9,776
Aviation Gasoline Blend. Comp. (net) .....	-	-	-	-	-	-	-	-	-
<b>Total Input</b> .....	<b>13,166</b>	<b>9,415</b>	<b>2,637</b>	<b>5,813</b>	<b>504</b>	<b>31,535</b>	<b>1,791</b>	<b>38,787</b>	<b>192,993</b>

- = No Data Reported.

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

Note: Refer to Appendix A for Refining District descriptions.

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



**Table 33. Blender Net Production of Petroleum Products by PAD District, November 2012**  
(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 .....	73,915	5,385	79,300	32,281	6,038	3,066	41,385
Reformulated .....	32,383	-	32,383	8,358	1,495	961	10,814
Reformulated Blended with Fuel Ethanol .....	32,383	-	32,383	8,358	1,495	961	10,814
Reformulated Other .....	-	-	-	-	-	-	-
Conventional .....	41,532	5,385	46,917	23,923	4,543	2,105	30,571
Conventional Blended with Fuel Ethanol .....	49,328	6,908	56,236	33,843	7,290	10,923	52,056
Ed55 and Lower .....	49,324	6,908	56,232	33,837	7,272	10,901	52,010
Greater than Ed55 .....	4	-	4	6	18	22	46
Conventional Other .....	-7,796	-1,523	-9,319	-9,920	-2,747	-8,818	-21,485
Finished Aviation Gasoline .....	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel .....	38	-	38	-148	-	-	-148
Kerosene .....	-52	-107	-159	-1	2	-	1
Distillate Fuel Oil .....	-4	27	23	254	24	22	300
15 ppm sulfur and under .....	-235	27	-208	189	24	23	236
Greater than 15 ppm to 500 ppm sulfur .....	39	83	122	65	-	99	164
Greater than 500 ppm sulfur .....	192	-83	109	-	-	-100	-100
Residual Fuel Oil .....	136	-	136	-	-	-	-
Less than 0.31 percent sulfur .....	140	-	140	-	-	-	-
0.31 to 1.00 percent sulfur .....	-331	-	-331	-	-	-	-
Greater than 1.00 percent sulfur .....	327	-	327	-	-	-	-
Special Naphthas .....	-	-	-	-	-	-	-
Lubricants .....	-	-	-	-	-	-	-
Asphalt and Road Oil .....	-	-	-	-	-	-	-
Miscellaneous Products .....	-	-	-	-	-	-	-
<b>Total Production .....</b>	<b>74,033</b>	<b>5,305</b>	<b>79,338</b>	<b>32,386</b>	<b>6,064</b>	<b>3,088</b>	<b>41,538</b>
Processing Gain(-) or Loss(+) <sup>1</sup> .....	0	1	1	0	2	1	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			
Finished Motor Gasoline .....	13,152	9,382	2,638	5,777	497	31,446	1,786	38,685	192,602
Reformulated .....	6,081	5,599	-	-	-	11,680	-	30,155	85,032
Reformulated Blended with Fuel Ethanol .....	6,081	5,599	-	-	-	11,680	-	30,155	85,032
Reformulated Other .....	-	-	-	-	-	-	-	-	-
Conventional .....	7,071	3,783	2,638	5,777	497	19,766	1,786	8,530	107,570
Conventional Blended with Fuel Ethanol .....	9,116	835	3,018	8,354	859	22,182	4,139	11,965	146,578
Ed55 and Lower .....	9,116	835	3,018	8,353	859	22,181	4,134	11,962	146,519
Greater than Ed55 .....	-	-	-	1	-	1	5	3	59
Conventional Other .....	-2,045	2,948	-380	-2,577	-362	-2,416	-2,353	-3,435	-39,008
Finished Aviation Gasoline .....	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel .....	-	-245	-	-	-	-245	-	-21	-376
Kerosene .....	-	-	-	-	-	-	-	20	-138
Distillate Fuel Oil .....	14	269	-42	35	7	283	2	105	713
15 ppm sulfur and under .....	14	-30	-	35	7	26	2	102	158
Greater than 15 ppm to 500 ppm sulfur .....	-	-	-2	-	-	-2	-	-	284
Greater than 500 ppm sulfur .....	-	299	-40	-	-	259	-	3	271
Residual Fuel Oil .....	-	29	63	-	-	92	-	2	230
Less than 0.31 percent sulfur .....	-	-39	-	-	-	-39	-	2	103
0.31 to 1.00 percent sulfur .....	-	126	28	-	-	154	-	-	-177
Greater than 1.00 percent sulfur .....	-	-58	35	-	-	-23	-	-	304
Special Naphthas .....	-	-	-	-	-	-	-	-	-
Lubricants .....	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil .....	-	-20	-23	-	-	-43	-	-	-43
Miscellaneous Products .....	-	-	-	-	-	-	-	-	-
<b>Total Production .....</b>	<b>13,166</b>	<b>9,415</b>	<b>2,636</b>	<b>5,812</b>	<b>504</b>	<b>31,533</b>	<b>1,788</b>	<b>38,791</b>	<b>192,988</b>
Processing Gain(-) or Loss(+) <sup>1</sup> .....	0	0	1	1	0	2	3	-4	5

- = 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 and Blender Report."

**Table 34. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, November 2012**  
(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>9,568</b>	<b>436</b>	<b>10,004</b>	<b>8,840</b>	<b>1,374</b>	<b>1,896</b>	<b>12,110</b>
<b>Petroleum Products</b> .....	<b>19,472</b>	<b>1,954</b>	<b>21,426</b>	<b>30,991</b>	<b>6,885</b>	<b>9,850</b>	<b>47,726</b>
Pentanes Plus .....	—	—	—	111	—	194	305
Liquefied Petroleum Gases .....	1,366	31	1,397	3,180	583	1,692	5,455
Ethane/Ethylene .....	—	—	—	—	—	—	—
Propane/Propylene .....	344	2	346	1,242	22	1,268	2,532
Normal Butane/Butylene .....	686	15	701	1,687	477	279	2,443
Isobutane/Isobutylene .....	336	14	350	251	84	145	480
Oxygenates/Renewable Fuels/Other Hydrocarbons ....	131	73	204	60	54	17	131
Oxygenates (excluding Fuel Ethanol) .....	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE) .....	—	—	—	—	—	—	—
All Other Oxygenates <sup>1</sup> .....	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	131	73	204	30	54	17	101
Fuel Ethanol .....	131	70	201	28	48	16	92
Renewable Diesel Fuel .....	—	3	3	2	6	1	9
Other Renewable Fuels .....	—	—	—	—	—	—	—
Other Hydrocarbons .....	—	—	—	30	—	—	30
Unfinished Oils .....	5,419	390	5,809	9,982	476	2,801	13,259
Naphthas and Lighter .....	1,064	220	1,284	2,174	98	878	3,150
Kerosene and Light Gas Oils .....	648	—	648	2,387	203	376	2,966
Heavy Gas Oils .....	2,001	163	2,164	3,061	169	984	4,214
Residuum .....	1,706	7	1,713	2,360	6	563	2,929
Motor Gasoline Blending Components (MGBC) .....	5,907	140	6,047	7,813	1,300	788	9,901
Reformulated - RBOB .....	2,195	—	2,195	1,234	—	—	1,234
Conventional .....	3,712	140	3,852	6,579	1,300	788	8,667
CBOB .....	407	119	526	2,349	603	92	3,044
GTAB .....	—	—	—	—	—	—	—
Other .....	3,305	21	3,326	4,230	697	696	5,623
Aviation Gasoline Blending Components .....	—	—	—	—	—	—	—
Finished Motor Gasoline .....	579	51	630	1,056	590	1,564	3,210
Reformulated .....	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—
Reformulated Other .....	—	—	—	—	—	—	—
Conventional .....	579	51	630	1,056	590	1,564	3,210
Conventional Blended with Fuel Ethanol .....	—	—	—	—	—	—	—
Ed55 and Lower .....	—	—	—	—	—	—	—
Greater than Ed55 .....	—	—	—	—	—	—	—
Conventional Other .....	579	51	630	1,056	590	1,564	3,210
Finished Aviation Gasoline .....	—	—	—	—	67	—	67
Kerosene-Type Jet Fuel .....	737	—	737	1,428	255	297	1,980
Kerosene .....	181	1	182	102	—	16	118
Distillate Fuel Oil .....	3,248	275	3,523	3,696	1,321	1,583	6,600
15 ppm sulfur and under .....	1,546	124	1,670	3,438	912	1,358	5,708
Greater than 15 ppm to 500 ppm sulfur .....	102	133	235	13	212	36	261
Greater than 500 ppm sulfur .....	1,600	18	1,618	245	197	189	631
Residual Fuel Oil .....	863	11	874	649	238	55	942
Less than 0.31 percent sulfur .....	113	9	122	—	—	—	—
0.31 to 1.00 percent sulfur .....	400	2	402	60	24	—	84
Greater than 1.00 percent sulfur .....	350	—	350	589	214	55	858
Petrochemical Feedstocks .....	198	—	198	517	115	12	644
Naphtha for Petro. Feed. Use .....	198	—	198	422	115	12	549
Other Oils for Petro. Feed. Use .....	—	—	—	95	—	—	95
Special Naphthas .....	—	15	15	52	—	10	62
Lubricants .....	444	296	740	—	—	184	184
Waxes .....	—	231	231	—	—	29	29
Petroleum Coke .....	—	—	—	377	422	202	1,001
Marketable .....	—	—	—	377	422	202	1,001
Catalyst .....	—	—	—	—	—	—	—
Asphalt and Road Oil .....	390	423	813	1,917	1,446	402	3,765
Miscellaneous Products .....	9	17	26	51	18	4	73
<b>Total Stocks, All Oils</b> .....	<b>29,040</b>	<b>2,390</b>	<b>31,430</b>	<b>39,831</b>	<b>8,259</b>	<b>11,746</b>	<b>59,836</b>

See footnotes at end of table.

**Table 34. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, November 2012**  
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
<b>Crude Oil</b> .....	<b>1,655</b>	<b>25,463</b>	<b>19,873</b>	<b>1,063</b>	<b>626</b>	<b>48,680</b>	<b>2,659</b>	<b>23,331</b>	<b>96,784</b>
<b>Petroleum Products</b> .....	<b>10,657</b>	<b>55,405</b>	<b>48,823</b>	<b>3,686</b>	<b>1,517</b>	<b>120,088</b>	<b>11,494</b>	<b>53,042</b>	<b>253,776</b>
Pentanes Plus .....	161	32	329	—	1	523	42	1	871
Liquefied Petroleum Gases .....	2,686	1,646	4,961	25	64	9,382	508	2,082	18,824
Ethane/Ethylene .....	161	—	—	—	—	161	—	—	161
Propane/Propylene .....	1,295	81	617	7	2	2,002	103	128	5,111
Normal Butane/Butylene .....	1,022	1,331	3,665	14	46	6,078	262	1,480	10,964
Isobutane/Isobutylene .....	208	234	679	4	16	1,141	143	474	2,588
Oxygenates/Renewable Fuels/Other Hydrocarbons ....	30	151	36	28	12	257	109	38	739
Oxygenates (excluding Fuel Ethanol) .....	—	95	—	—	—	95	—	—	95
Methyl Tertiary Butyl Ether (MTBE) .....	—	95	—	—	—	95	—	—	95
All Other Oxygenates <sup>1</sup> .....	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	30	56	36	28	12	162	109	38	614
Fuel Ethanol .....	25	35	34	28	12	134	107	38	572
Renewable Diesel Fuel .....	5	21	2	—	—	28	2	—	42
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Other Hydrocarbons .....	—	—	—	—	—	—	—	—	30
Unfinished Oils .....	3,240	19,833	15,562	714	574	39,923	3,924	17,016	79,931
Naphthas and Lighter .....	1,455	4,917	2,501	107	226	9,206	1,076	3,913	18,629
Kerosene and Light Gas Oils .....	526	4,988	3,759	188	113	9,574	499	2,868	16,555
Heavy Gas Oils .....	639	7,714	7,039	371	235	15,998	1,790	8,051	32,217
Residuum .....	620	2,214	2,263	48	—	5,145	559	2,184	12,530
Motor Gasoline Blending Components (MGBC) .....	1,724	11,707	10,959	354	327	25,071	1,948	15,021	57,988
Reformulated - RBOB .....	173	1,349	497	—	—	2,019	—	5,859	11,307
Conventional .....	1,551	10,358	10,462	354	327	23,052	1,948	9,162	46,681
CBOB .....	408	3,118	4,981	146	102	8,755	485	1,021	13,831
GTAB .....	—	—	—	—	—	—	—	—	—
Other .....	1,143	7,240	5,481	208	225	14,297	1,463	8,141	32,850
Aviation Gasoline Blending Components .....	6	—	—	—	—	6	—	—	6
Finished Motor Gasoline .....	798	2,096	1,359	19	80	4,352	1,699	1,741	11,632
Reformulated .....	—	—	—	—	—	—	—	12	12
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	12	12
Reformulated Other .....	—	—	—	—	—	—	—	—	—
Conventional .....	798	2,096	1,359	19	80	4,352	1,699	1,729	11,620
Conventional Blended with Fuel Ethanol .....	—	—	—	—	—	—	49	—	49
Ed55 and Lower .....	—	—	—	—	—	—	49	—	49
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—
Conventional Other .....	798	2,096	1,359	19	80	4,352	1,650	1,729	11,571
Finished Aviation Gasoline .....	51	190	176	—	—	417	17	125	626
Kerosene-Type Jet Fuel .....	349	2,520	2,303	102	—	5,274	356	4,400	12,747
Kerosene .....	36	—	1	5	—	42	1	12	355
Distillate Fuel Oil .....	781	5,751	6,366	434	253	13,585	1,763	6,234	31,705
15 ppm sulfur and under .....	646	4,652	4,075	298	174	9,845	1,567	4,686	23,476
Greater than 15 ppm to 500 ppm sulfur .....	84	116	1,027	46	—	1,273	89	395	2,253
Greater than 500 ppm sulfur .....	51	983	1,264	90	79	2,467	107	1,153	5,976
Residual Fuel Oil .....	38	2,683	1,717	68	68	4,574	202	3,305	9,897
Less than 0.31 percent sulfur .....	3	2	103	—	—	108	31	126	387
0.31 to 1.00 percent sulfur .....	4	183	89	22	4	302	11	520	1,319
Greater than 1.00 percent sulfur .....	31	2,498	1,525	46	64	4,164	160	2,659	8,191
Petrochemical Feedstocks .....	89	1,627	947	8	—	2,671	—	1	3,514
Naphtha for Petro. Feed. Use .....	21	794	426	8	—	1,249	—	1	1,997
Other Oils for Petro. Feed. Use .....	68	833	521	—	—	1,422	—	—	1,517
Special Naphthas .....	34	599	—	69	—	702	—	41	820
Lubricants .....	38	2,091	1,879	941	—	4,949	1	571	6,445
Waxes .....	—	129	72	92	—	293	—	—	553
Petroleum Coke .....	8	3,897	1,357	—	—	5,262	48	1,796	8,107
Marketable .....	8	3,897	1,357	—	—	5,262	48	1,796	8,107
Catalyst .....	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil .....	561	312	600	826	137	2,436	860	588	8,462
Miscellaneous Products .....	27	141	199	1	1	369	16	70	554
<b>Total Stocks, All Oils</b> .....	<b>12,312</b>	<b>80,868</b>	<b>68,696</b>	<b>4,749</b>	<b>2,143</b>	<b>168,768</b>	<b>14,153</b>	<b>76,373</b>	<b>350,560</b>

— = No Data Reported.

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

Note: Refer to Appendix A for Refining District descriptions.

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

**Table 35. Percent Yield of Petroleum Products by PAD and Refining Districts, November 2012**

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
Liquefied Refinery Gases .....	1.4	-0.7	1.2	2.0	-2.0	0.3	1.0
Finished Motor Gasoline <sup>1</sup> .....	47.6	36.7	46.5	54.1	53.9	52.4	53.7
Finished Aviation Gasoline <sup>2</sup> .....	-	-	-	-	0.4	-	0.1
Kerosene-Type Jet Fuel .....	5.9	-	5.4	7.2	5.2	2.9	6.0
Kerosene .....	0.5	0.1	0.4	0.1	-	0.0	0.1
Distillate Fuel Oil .....	31.0	27.9	30.7	26.5	29.6	38.8	29.7
Residual Fuel Oil .....	5.7	0.4	5.2	1.6	1.5	0.5	1.3
Naphtha for Petro. Feed. Use .....	0.5	-	0.4	1.5	0.0	0.2	1.0
Other Oils for Petro. Feed. Use .....	-	-	-	0.5	-	0.2	0.3
Special Naphthas .....	-	0.8	0.1	0.0	-	-	0.0
Lubricants .....	0.9	6.5	1.4	-	-	0.2	0.0
Waxes .....	-	-0.2	0.0	-	-	0.1	0.0
Petroleum Coke .....	3.4	0.7	3.1	4.5	5.1	4.3	4.5
Asphalt and Road Oil .....	4.1	23.8	5.9	4.0	10.2	2.3	4.5
Still Gas .....	3.9	2.6	3.8	3.7	4.6	3.9	3.8
Miscellaneous Products .....	0.2	1.4	0.3	0.3	0.7	0.2	0.4
Processing Gain(-) or Loss(+) <sup>3</sup> .....	-4.9	0.1	-4.5	-5.9	-9.0	-6.3	-6.4

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Liquefied Refinery Gases .....	2.8	4.2	3.8	-0.4	1.1	3.8	0.5	0.0	2.4
Finished Motor Gasoline <sup>1</sup> .....	53.3	42.4	43.7	27.3	50.1	43.4	49.2	50.7	47.1
Finished Aviation Gasoline <sup>2</sup> .....	0.6	0.1	0.0	-	-	0.1	0.1	0.1	0.1
Kerosene-Type Jet Fuel .....	7.5	8.6	10.1	3.5	-	8.8	4.6	16.0	8.9
Kerosene .....	0.0	0.0	0.3	0.1	-	0.1	0.0	0.0	0.1
Distillate Fuel Oil .....	29.1	31.6	31.6	34.9	39.2	31.6	34.7	23.5	30.0
Residual Fuel Oil .....	1.0	2.7	3.1	-2.1	6.1	2.7	2.3	4.5	2.8
Naphtha for Petro. Feed. Use .....	0.7	3.3	1.5	0.1	-	2.2	-	0.0	1.4
Other Oils for Petro. Feed. Use .....	0.1	1.0	0.9	-	-	0.9	-	-	0.6
Special Naphthas .....	0.1	0.6	0.2	2.9	-	0.5	-	0.0	0.3
Lubricants .....	0.1	1.2	1.0	13.3	-	1.4	-	0.4	0.9
Waxes .....	-	0.1	0.0	0.4	-	0.1	-	-	0.0
Petroleum Coke .....	1.5	6.7	6.3	1.9	1.5	6.0	4.7	7.1	5.6
Asphalt and Road Oil .....	2.7	0.2	0.5	14.2	1.9	0.9	6.2	0.9	2.2
Still Gas .....	3.2	4.6	4.1	3.5	5.1	4.3	4.5	5.4	4.3
Miscellaneous Products .....	0.4	0.7	0.6	0.0	0.0	0.6	0.5	0.5	0.5
Processing Gain(-) or Loss(+) <sup>3</sup> .....	-3.2	-8.0	-7.6	0.5	-5.1	-7.3	-7.2	-9.1	-7.2

- = No Data Reported.

<sup>1</sup> Based on total finished motor gasoline output minus net input of motor gasoline blending components, minus input of natural gas plant liquids, hydrogen, other hydrocarbons and oxygenates.

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

<sup>3</sup> Represents the arithmetic difference between input and production.

Note: Percent yield is based on crude oil input and net reruns 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, November 2012**  
(Thousand Barrels)

PAD District and State of Entry	Residual Fuel Oil			
	Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
<b>PAD District 1</b> .....	<b>784</b>	<b>646</b>	<b>2,918</b>	<b>4,348</b>
Connecticut .....	-	-	-	-
Delaware .....	-	-	-	-
Florida .....	-	392	983	1,375
Georgia .....	-	60	351	411
Maine .....	3	-	-	3
Maryland .....	175	-	66	241
Massachusetts .....	-	-	-	-
New Hampshire .....	-	-	-	-
New Jersey .....	606	104	817	1,527
New York .....	-	15	1	16
North Carolina .....	-	-	-	-
Pennsylvania .....	-	-	110	110
Rhode Island .....	-	-	-	-
South Carolina .....	-	-	351	351
Vermont .....	-	4	2	6
Virginia .....	-	71	237	308
West Virginia .....	-	-	-	-
<b>PAD District 2</b> .....	<b>2</b>	<b>84</b>	<b>83</b>	<b>169</b>
Illinois .....	-	-	-	-
Indiana .....	-	-	-	-
Michigan .....	-	1	19	20
Minnesota .....	2	49	57	108
North Dakota .....	-	34	7	41
Ohio .....	-	-	-	-
Wisconsin .....	-	-	-	-
<b>PAD District 3</b> .....	<b>809</b>	<b>387</b>	<b>697</b>	<b>1,893</b>
Alabama .....	-	-	-	-
Louisiana .....	594	153	111	858
Mississippi .....	-	-	-	-
New Mexico .....	-	-	-	-
Texas .....	215	234	586	1,035
<b>PAD District 4</b> .....	<b>-</b>	<b>1</b>	<b>10</b>	<b>11</b>
Idaho .....	-	1	-	1
Montana .....	-	-	10	10
<b>PAD District 5</b> .....	<b>-</b>	<b>13</b>	<b>650</b>	<b>663</b>
Alaska .....	-	-	-	-
California .....	-	-	617	617
Hawaii .....	-	-	-	-
Oregon .....	-	-	-	-
Washington .....	-	13	33	46
<b>U.S. Total</b> .....	<b>1,595</b>	<b>1,131</b>	<b>4,358</b>	<b>7,084</b>

- = No Data Reported.

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

**Table 37. Imports of Crude Oil and Petroleum Products by PAD District, November 2012**  
(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>25,851</b>	<b>48,023</b>	<b>131,835</b>	<b>7,714</b>	<b>30,472</b>	<b>243,895</b>	<b>8,130</b>
<b>Natural Gas Plant Liquids and Liquefied Refinery Gases</b> .....	<b>1,567</b>	<b>2,466</b>	<b>718</b>	<b>317</b>	<b>273</b>	<b>5,341</b>	<b>178</b>
Pentanes Plus .....	—	11	643	—	—	654	22
Liquefied Petroleum Gases .....	1,567	2,455	75	317	273	4,687	156
Ethane .....	—	—	—	—	—	—	—
Ethylene .....	—	12	—	—	—	12	0
Propane .....	1,152	1,696	—	258	188	3,294	110
Propylene .....	331	464	—	—	—	795	27
Normal Butane .....	14	98	—	40	85	237	8
Butylene .....	—	99	75	—	—	174	6
Isobutane .....	70	86	—	19	—	175	6
Isobutylene .....	—	—	—	—	—	—	—
<b>Other Liquids</b> .....	<b>16,077</b>	<b>115</b>	<b>15,037</b>	<b>—</b>	<b>3,216</b>	<b>34,445</b>	<b>1,148</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons .....	1,732	65	17	—	338	2,152	72
Hydrogen .....	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol) .....	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE) .....	—	—	—	—	—	—	—
Other Oxygenates <sup>3</sup> .....	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	1,681	9	—	—	338	2,028	68
Fuel Ethanol .....	1,624	—	—	—	338	1,962	65
Biomass-Based Diesel Fuel .....	—	9	—	—	—	9	0
Other Renewable Diesel Fuel .....	57	—	—	—	—	57	2
Other Renewable Fuels .....	—	—	—	—	—	—	—
Other Hydrocarbons .....	51	56	17	—	—	124	4
Unfinished Oils <sup>1</sup> .....	860	—	14,747	—	2,446	18,053	602
Naphthas and Lighter .....	27	—	40	—	—	67	2
Kerosene and Lighter Gas Oils .....	—	—	—	—	—	—	—
Heavy Gas Oils .....	833	—	9,060	—	2,446	12,339	411
Residuum .....	—	—	5,647	—	—	5,647	188
Motor Gasoline Blend.Comp. (MGBC) .....	13,485	50	273	—	432	14,240	475
Reformulated - RBOB .....	3,399	—	—	—	—	3,399	113
Conventional .....	10,086	50	273	—	432	10,841	361
CBOB .....	1,323	—	—	—	200	1,523	51
GTAB .....	3,270	—	—	—	—	3,270	109
Other .....	5,493	50	273	—	232	6,048	202
Aviation Gasoline Blend. Comp. ....	—	—	—	—	—	—	—
<b>Finished Petroleum Products</b> .....	<b>10,964</b>	<b>837</b>	<b>5,310</b>	<b>173</b>	<b>2,111</b>	<b>19,395</b>	<b>647</b>
Finished Motor Gasoline .....	773	44	—	6	138	961	32
Reformulated .....	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—
Reformulated Other .....	—	—	—	—	—	—	—
Conventional .....	773	44	—	6	138	961	32
Conventional Blended with Fuel Ethanol .....	2	31	—	—	—	33	1
Ed55 and Lower .....	2	31	—	—	—	33	1
Greater than Ed55 .....	—	—	—	—	—	—	—
Conventional Other .....	771	13	—	6	138	928	31
Finished Aviation Gasoline .....	2	1	—	—	—	3	0
Kerosene-Type Jet Fuel .....	555	—	25	—	791	1,371	46
Bonded Aircraft Fuel .....	78	—	—	—	430	508	17
Other .....	477	—	25	—	361	863	29
Kerosene .....	82	1	—	—	—	83	3
Distillate Fuel Oil .....	4,870	165	183	64	379	5,661	189
15 ppm sulfur and under .....	2,649	146	—	8	56	2,859	95
Bonded .....	—	—	—	—	—	—	—
Other .....	2,649	146	—	8	56	2,859	95
Greater than 15 ppm to 500 ppm sulfur .....	321	7	—	56	3	387	13
Bonded .....	—	—	—	—	3	3	0
Other .....	321	7	—	56	—	384	13
Greater than 500 ppm to 2000 ppm sulfur .....	1,900	12	—	—	320	2,232	74
Bonded .....	—	—	—	—	—	—	—
Other .....	1,900	12	—	—	320	2,232	74
Greater than 2000 ppm .....	—	—	183	—	—	183	6
Bonded .....	—	—	—	—	—	—	—
Other .....	—	—	183	—	—	183	6
Residual Fuel Oil .....	4,348	169	1,893	11	663	7,084	236
Less than 0.31 percent sulfur .....	784	2	809	—	—	1,595	53
0.31 to 1.00 percent sulfur .....	646	84	387	1	13	1,131	38
Greater than 1.00 percent sulfur .....	2,918	83	697	10	650	4,358	145
Petrochemical Feedstocks .....	6	120	1,465	—	36	1,627	54
Naphtha for Petro. Feed. Use .....	1	68	687	—	36	792	26
Other Oils for Petro. Feed. Use .....	5	52	778	—	—	835	28
Special Naphthas .....	—	26	724	—	—	750	25
Lubricants .....	94	86	900	—	34	1,114	37
Waxes .....	55	9	17	1	8	90	3
Petroleum Coke (Marketable) .....	1	53	103	—	15	172	6
Asphalt and Road Oil .....	178	160	—	90	47	475	16
Miscellaneous Products .....	—	3	—	1	—	4	0
<b>Total</b> .....	<b>54,459</b>	<b>51,441</b>	<b>152,900</b>	<b>8,204</b>	<b>36,072</b>	<b>303,076</b>	<b>10,103</b>

— = No Data Reported.

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

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

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

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

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



**Table 38. Year-to-Date Imports of Crude Oil and Petroleum Products by PAD District, January-November 2012**  
(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>293,090</b>	<b>575,320</b>	<b>1,525,360</b>	<b>84,484</b>	<b>394,706</b>	<b>2,872,960</b>	<b>8,576</b>
<b>Natural Gas Plant Liquids and Liquefied Refinery Gases</b> ..	<b>15,878</b>	<b>35,438</b>	<b>11,041</b>	<b>2,976</b>	<b>1,723</b>	<b>67,056</b>	<b>200</b>
Pentanes Plus .....	185	202	9,728	—	—	10,115	30
Liquefied Petroleum Gases .....	15,693	35,236	1,313	2,976	1,723	56,941	170
Ethane .....	—	—	—	—	—	—	—
Ethylene .....	—	106	—	—	—	106	0
Propane .....	8,975	21,749	13	2,691	1,419	34,847	104
Propylene .....	5,104	5,541	161	—	—	10,806	32
Normal Butane .....	559	3,781	78	211	289	4,918	15
Butylene .....	—	1,088	1,031	—	7	2,126	6
Isobutane .....	1,055	2,971	30	74	8	4,138	12
Isobutylene .....	—	—	—	—	—	—	—
<b>Other Liquids</b> .....	<b>242,695</b>	<b>1,540</b>	<b>155,762</b>	<b>—</b>	<b>23,724</b>	<b>423,721</b>	<b>1,265</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons ....	10,675	918	587	—	1,883	14,063	42
Hydrogen .....	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol) .....	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE) .....	—	—	—	—	—	—	—
Other Oxygenates <sup>3</sup> .....	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	9,025	204	334	—	1,883	11,446	34
Fuel Ethanol .....	8,360	—	178	—	1,882	10,420	31
Biomass-Based Diesel Fuel .....	333	204	156	—	1	694	2
Other Renewable Diesel Fuel .....	332	—	—	—	—	332	1
Other Renewable Fuels .....	—	—	—	—	—	—	—
Other Hydrocarbons .....	1,650	714	253	—	—	2,617	8
Unfinished Oils <sup>1</sup> .....	36,132	—	146,423	—	16,404	198,959	594
Naphthas and Lighter .....	1,052	—	5,072	—	—	6,124	18
Kerosene and Lighter Gas Oils .....	3	—	294	—	15	312	1
Heavy Gas Oils .....	18,699	—	52,904	—	16,389	87,992	263
Residium .....	16,378	—	88,153	—	—	104,531	312
Motor Gasoline Blend.Comp. (MGBC) .....	195,888	622	8,752	—	5,437	210,699	629
Reformulated - RBOB .....	46,955	—	71	—	330	47,356	141
Conventional .....	148,933	622	8,681	—	5,107	163,343	488
CBOB .....	16,849	28	—	—	2,086	18,963	57
GTAB .....	36,887	—	211	—	13	37,111	111
Other .....	95,197	594	8,470	—	3,008	107,269	320
Aviation Gasoline Blend. Comp. ....	—	—	—	—	—	—	—
<b>Finished Petroleum Products</b> .....	<b>117,787</b>	<b>9,525</b>	<b>59,712</b>	<b>1,791</b>	<b>27,778</b>	<b>216,593</b>	<b>647</b>
Finished Motor Gasoline .....	11,880	84	5,132	6	1,147	18,249	54
Reformulated .....	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—
Reformulated Other .....	—	—	—	—	—	—	—
Conventional .....	11,880	84	5,132	6	1,147	18,249	54
Conventional Blended with Fuel Ethanol .....	19	60	—	—	—	79	0
Ed55 and Lower .....	19	60	—	—	—	79	0
Greater than Ed55 .....	—	—	—	—	—	—	—
Conventional Other .....	11,861	24	5,132	6	1,147	18,170	54
Finished Aviation Gasoline .....	11	12	—	1	2	26	0
Kerosene-Type Jet Fuel .....	7,539	—	25	25	10,895	18,484	55
Bonded Aircraft Fuel .....	422	—	—	—	5,735	6,157	18
Other .....	7,117	—	25	25	5,160	12,327	37
Kerosene .....	317	1	—	—	146	464	1
Distillate Fuel Oil .....	33,275	790	1,997	652	3,267	39,981	119
15 ppm sulfur and under .....	21,989	713	283	165	2,818	25,968	78
Bonded .....	1	—	—	—	—	1	0
Other .....	21,988	713	283	165	2,818	25,967	78
Greater than 15 ppm to 500 ppm sulfur .....	2,224	41	600	487	23	3,375	10
Bonded .....	—	—	208	—	19	227	1
Other .....	2,224	41	392	487	4	3,148	9
Greater than 500 ppm to 2000 ppm sulfur .....	9,062	36	477	—	425	10,000	30
Bonded .....	—	—	—	—	—	—	—
Other .....	9,062	36	477	—	425	10,000	30
Greater than 2000 ppm .....	—	—	637	—	1	638	2
Bonded .....	—	—	—	—	—	—	—
Other .....	—	—	637	—	1	638	2
Residual Fuel Oil .....	55,860	2,183	17,595	132	9,791	85,561	255
Less than 0.31 percent sulfur .....	13,020	101	2,208	—	—	15,329	46
0.31 to 1.00 percent sulfur .....	5,857	1,046	6,282	6	515	13,706	41
Greater than 1.00 percent sulfur .....	36,983	1,036	9,105	126	9,276	56,526	169
Petrochemical Feedstocks .....	677	1,132	22,289	—	448	24,546	73
Naphtha for Petro. Feed. Use .....	625	670	9,128	—	448	10,871	32
Other Oils for Petro. Feed. Use .....	52	462	13,161	—	—	13,675	41
Special Naphthas .....	85	416	3,475	—	—	3,976	12
Lubricants .....	1,410	1,313	7,065	—	276	10,064	30
Waxes .....	726	20	230	8	348	1,332	4
Petroleum Coke (Marketable) .....	864	460	1,705	82	364	3,475	10
Asphalt and Road Oil .....	5,143	3,073	181	873	1,094	10,364	31
Miscellaneous Products .....	—	41	18	12	—	71	0
<b>Total</b> .....	<b>669,450</b>	<b>621,823</b>	<b>1,751,875</b>	<b>89,251</b>	<b>447,931</b>	<b>3,580,330</b>	<b>10,688</b>

— = No Data Reported.

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

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

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

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

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

**Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, November 2012**  
(Thousand Barrels)

Country of Origin	Crude Oil <sup>1,2</sup>	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils <sup>1</sup>	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>OPEC</b> .....	<b>119,001</b>	-	-	<b>2,916</b>	-	-	-	-	<b>1,151</b>	<b>1,151</b>
Algeria .....	2,547	-	-	2,227	-	-	-	-	-	-
Angola .....	4,349	-	-	375	-	-	-	-	-	-
Ecuador .....	4,084	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	14,664	-	-	-	-	-	-	-	-	-
Kuwait .....	8,265	-	-	-	-	-	-	-	-	-
Libya .....	1	-	-	314	-	-	-	-	-	-
Nigeria .....	14,563	-	-	-	-	-	-	-	474	474
Qatar .....	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	39,571	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-
Venezuela .....	30,957	-	-	-	-	-	-	-	677	677
<b>Non-OPEC</b> .....	<b>124,894</b>	<b>654</b>	<b>4,687</b>	<b>15,137</b>	-	<b>961</b>	<b>961</b>	<b>3,399</b>	<b>9,690</b>	<b>13,089</b>
Argentina .....	360	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-
Australia .....	573	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	38	1,278	-	-	-	7	167	174
Brazil .....	1,569	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-
Canada .....	67,550	11	4,557	817	-	493	493	2,095	2,151	4,246
Chad .....	1,905	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-	-
Colombia .....	13,091	-	-	-	-	-	-	-	169	169
Congo (Brazzaville) .....	3	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-	-
Egypt .....	645	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	597	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	226	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	928	928
France .....	-	-	-	187	-	-	-	579	59	638
Gabon .....	1,541	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	140	140
Guatemala .....	268	-	-	-	-	-	-	-	-	-
India .....	-	-	-	780	-	-	-	-	575	575
Indonesia .....	437	-	-	172	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	224	224
Korea, South .....	-	-	-	-	-	-	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	102	102
Mexico .....	30,412	-	37	-	-	-	-	-	451	451
Netherlands .....	-	-	-	735	-	-	-	129	980	1,109
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-
Norway .....	1,061	-	-	-	-	468	468	-	873	873
Oman .....	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	170	-	-	-	-	-	-
Russia .....	2,415	-	-	9,117	-	-	-	-	439	439
Spain .....	-	-	-	-	-	-	-	-	1,059	1,059
Sweden .....	-	-	-	303	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	380	-	-	-	-	-	-	-	-	-
United Kingdom .....	512	-	-	1,352	-	-	-	589	1,319	1,908
Vietnam .....	644	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-	-
Other .....	931	643	55	0	-	0	0	0	54	54
<b>Total</b> .....	<b>243,895</b>	<b>654</b>	<b>4,687</b>	<b>18,053</b>	-	<b>961</b>	<b>961</b>	<b>3,399</b>	<b>10,841</b>	<b>14,240</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>62,500</b>	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, November 2012**  
(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> .....	-	-	-	-	-	-	195	1	-	-	196
Algeria .....	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	195	1	-	-	196
<b>Non-OPEC</b> .....	-	-	1,962	9	57	-	2,664	386	2,232	183	5,465
Argentina .....	-	-	-	-	57	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	1,406	-	-	-	-	-	9	-	9
Brunei .....	-	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	121	-	-	-	121
Canada .....	-	-	-	9	-	-	2,543	386	1,456	-	4,385
Chad .....	-	-	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	-	-	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	313	-	313
Mexico .....	-	-	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	95	-	-	-	-	-	-	-	-
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	-	368	183	551
Spain .....	-	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	2	-	2
Syria .....	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-	-	-
Other .....	-	-	461	0	0	-	0	0	84	0	84
<b>Total</b> .....	-	-	1,962	9	57	-	2,859	387	2,232	183	5,661
<b>Persian Gulf<sup>3</sup></b> .....	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, November 2012**  
(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> .....	—	—	—	215	133	1,064	9	12	1,085
Algeria .....	—	—	—	—	—	470	—	—	470
Angola .....	—	—	—	—	—	—	—	—	—
Ecuador .....	—	—	—	—	—	—	—	—	—
Iran .....	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	—
Kuwait .....	—	—	—	—	—	—	9	12	21
Libya .....	—	—	—	—	—	594	—	—	594
Nigeria .....	—	—	—	—	—	—	—	—	—
Qatar .....	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	—	133	—	—	—	—
United Arab Emirates .....	—	—	—	—	—	—	—	—	—
Venezuela .....	—	—	—	215	—	—	—	—	—
<b>Non-OPEC</b> .....	83	3	—	1,156	617	531	1,122	4,346	5,999
Argentina .....	—	—	—	—	—	—	—	—	—
Aruba .....	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	—	—	210	210
Bahrain .....	—	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	—	—	—	—	—	—
Brazil .....	—	—	—	—	67	—	19	133	152
Brunel .....	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	—	—
Canada .....	83	3	—	87	107	5	636	1,242	1,883
Chad .....	—	—	—	—	—	27	21	—	48
China .....	—	—	—	—	—	—	—	—	—
Colombia .....	—	—	—	25	—	—	158	501	659
Congo (Brazzaville) .....	—	—	—	—	—	—	—	54	54
Denmark .....	—	—	—	—	—	—	—	—	—
Egypt .....	—	—	—	—	—	—	—	—	—
Equatorial Guinea .....	—	—	—	—	—	—	—	—	—
Estonia .....	—	—	—	—	—	—	—	—	—
Finland .....	—	—	—	—	—	—	46	—	46
France .....	—	—	—	—	—	—	—	—	—
Gabon .....	—	—	—	—	—	—	—	12	12
Germany .....	—	—	—	—	7	—	—	—	—
Guatemala .....	—	—	—	—	—	—	—	—	—
India .....	—	—	—	—	—	—	—	—	—
Indonesia .....	—	—	—	—	—	—	—	—	—
Italy .....	—	—	—	—	—	—	—	—	—
Korea, South .....	—	—	—	937	197	—	—	—	—
Latvia .....	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	—	—	—	—	—	—	—
Mexico .....	—	—	—	—	—	—	—	762	762
Netherlands .....	—	—	—	—	42	109	63	—	172
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—
Norway .....	—	—	—	—	—	—	—	—	—
Oman .....	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	—	—
Russia .....	—	—	—	—	—	215	134	482	831
Spain .....	—	—	—	—	118	—	—	—	—
Sweden .....	—	—	—	—	—	—	—	—	—
Syria .....	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	—	639	639
United Kingdom .....	—	—	—	—	—	—	—	—	—
Vietnam .....	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. .....	—	—	—	—	—	—	—	—	—
Yemen .....	—	—	—	—	—	—	—	—	—
Other .....	0	0	—	107	79	175	45	311	531
<b>Total</b> .....	<b>83</b>	<b>3</b>	<b>—</b>	<b>1,371</b>	<b>750</b>	<b>1,595</b>	<b>1,131</b>	<b>4,358</b>	<b>7,084</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>133</b>	<b>—</b>	<b>9</b>	<b>12</b>	<b>21</b>

See footnotes at end of table.

**Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, November 2012**  
(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>59</b>	<b>716</b>	—	—	—	<b>376</b>	—	<b>6,847</b>	<b>125,848</b>	<b>3,967</b>	<b>228</b>	<b>4,195</b>
Algeria .....	—	712	—	—	—	—	—	3,409	5,956	85	114	199
Angola .....	—	—	—	—	—	—	—	375	4,724	145	13	157
Ecuador .....	—	—	—	—	—	—	—	—	4,084	136	—	136
Iran .....	—	—	—	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	14,664	489	—	489
Kuwait .....	—	—	—	—	—	—	—	21	8,286	276	1	276
Libya .....	—	—	—	—	—	—	—	908	909	0	30	30
Nigeria .....	—	—	—	—	—	—	—	474	15,037	485	16	501
Qatar .....	—	—	—	—	—	352	—	352	352	—	12	12
Saudi Arabia .....	41	—	—	—	—	—	—	174	39,745	1,319	6	1,325
United Arab Emirates .....	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela .....	18	4	—	—	—	24	—	1,134	32,091	1,032	38	1,070
<b>Non-OPEC</b> .....	<b>733</b>	<b>119</b>	<b>90</b>	<b>172</b>	<b>475</b>	<b>738</b>	<b>4</b>	<b>52,334</b>	<b>177,228</b>	<b>4,163</b>	<b>1,744</b>	<b>5,908</b>
Argentina .....	—	—	—	87	—	—	—	87	447	12	3	15
Aruba .....	—	—	—	—	—	—	—	57	57	—	2	2
Australia .....	—	—	—	—	—	—	—	—	573	19	—	19
Bahamas .....	—	—	—	—	—	—	—	210	210	—	7	7
Bahrain .....	—	—	—	—	—	30	—	30	30	—	1	1
Belgium .....	10	—	—	—	—	3	—	1,503	1,503	—	50	50
Brazil .....	—	—	—	—	—	—	—	1,634	3,203	52	54	107
Brunei .....	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	121	121	—	4	4
Canada .....	155	99	56	67	475	155	4	17,748	85,298	2,252	592	2,843
Chad .....	—	—	—	—	—	—	—	48	1,953	64	2	65
China .....	—	—	9	—	—	—	—	9	9	—	0	0
Colombia .....	—	—	—	—	—	—	—	853	13,944	436	28	465
Congo (Brazzaville) .....	—	—	—	—	—	—	—	54	57	0	2	2
Denmark .....	—	—	—	—	—	—	—	—	—	—	—	—
Egypt .....	—	—	—	—	—	—	—	—	645	22	—	22
Equatorial Guinea .....	—	—	—	—	—	—	—	—	597	20	—	20
Estonia .....	—	—	—	—	—	—	—	226	226	—	8	8
Finland .....	—	—	—	—	—	—	—	974	974	—	32	32
France .....	—	20	—	—	—	5	—	850	850	—	28	28
Gabon .....	—	—	—	—	—	—	—	12	1,553	51	0	52
Germany .....	7	—	1	2	—	8	—	174	174	—	6	6
Guatemala .....	—	—	—	—	—	—	—	—	268	9	—	9
India .....	—	—	—	—	—	—	—	1,355	1,355	—	45	45
Indonesia .....	—	—	—	—	—	49	—	221	658	15	7	22
Italy .....	—	—	—	—	—	7	—	232	232	—	8	8
Korea, South .....	79	—	—	—	—	450	—	1,663	1,663	—	55	55
Latvia .....	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	17	—	—	—	—	432	432	—	14	14
Mexico .....	281	—	—	—	—	—	—	1,531	31,943	1,014	51	1,065
Netherlands .....	8	—	—	—	—	—	—	2,167	2,167	—	72	72
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—	—	—	—
Norway .....	—	—	—	—	—	—	—	1,341	2,402	35	45	80
Oman .....	—	—	—	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	170	170	—	6	6
Russia .....	—	—	—	—	—	—	—	10,938	13,353	81	365	445
Spain .....	—	—	—	—	—	—	—	1,227	1,227	—	41	41
Sweden .....	—	—	—	—	—	—	—	305	305	—	10	10
Syria .....	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	—	639	1,019	13	21	34
United Kingdom .....	—	—	—	16	—	1	—	3,277	3,789	17	109	126
Vietnam .....	—	—	—	—	—	—	—	—	644	21	—	21
Virgin Islands, U.S. ....	—	—	—	—	—	—	—	—	—	—	—	—
Yemen .....	—	—	—	—	—	—	—	—	—	—	—	—
Other .....	193	0	7	0	0	30	0	2,246	3,177	30	76	107
<b>Total</b> .....	<b>792</b>	<b>835</b>	<b>90</b>	<b>172</b>	<b>475</b>	<b>1,114</b>	<b>4</b>	<b>59,181</b>	<b>303,076</b>	<b>8,130</b>	<b>1,973</b>	<b>10,103</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>41</b>	—	—	—	—	<b>382</b>	—	<b>577</b>	<b>63,077</b>	<b>2,083</b>	<b>19</b>	<b>2,103</b>

— = 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-November 2012**  
(Thousand Barrels)

Country of Origin	Crude Oil <sup>1,2</sup>	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils <sup>1</sup>	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>OPEC</b> .....	<b>1,365,108</b>	<b>2,823</b>	<b>1,490</b>	<b>29,757</b>	-	-	-	-	<b>16,661</b>	<b>16,661</b>
Algeria .....	40,576	652	1,396	21,288	-	-	-	-	302	302
Angola .....	77,354	-	94	3,313	-	-	-	-	61	61
Ecuador .....	59,168	-	-	-	-	-	-	-	935	935
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	159,004	-	-	-	-	-	-	-	-	-
Kuwait .....	104,293	-	-	323	-	-	-	-	-	-
Libya .....	20,128	-	-	622	-	-	-	-	146	146
Nigeria .....	141,214	1,017	-	1,684	-	-	-	-	8,871	8,871
Qatar .....	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	464,361	-	-	249	-	-	-	-	-	-
United Arab Emirates .....	-	496	-	123	-	-	-	-	-	-
Venezuela .....	299,010	658	-	2,155	-	-	-	-	6,346	6,346
<b>Non-OPEC</b> .....	<b>1,507,852</b>	<b>7,292</b>	<b>55,451</b>	<b>169,202</b>	-	<b>18,249</b>	<b>18,249</b>	<b>47,356</b>	<b>146,682</b>	<b>194,038</b>
Argentina .....	7,700	90	-	31	-	-	-	-	369	369
Aruba .....	-	-	-	3,494	-	-	-	-	563	563
Australia .....	1,716	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	369	-	50	50	175	372	547
Bahrain .....	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	22	133	12,579	-	225	225	173	3,808	3,981
Brazil .....	66,866	-	256	448	-	44	44	71	368	439
Brunei .....	618	-	-	-	-	-	-	-	-	-
Cameroon .....	11,296	-	-	855	-	-	-	-	52	52
Canada .....	803,819	202	53,346	2,472	-	6,761	6,761	23,746	19,937	43,683
Chad .....	7,552	-	-	-	-	-	-	-	-	-
China .....	458	-	-	52	-	-	-	-	-	-
Colombia .....	136,065	-	10	1,659	-	-	-	-	758	758
Congo (Brazzaville) .....	10,710	-	-	52	-	-	-	-	119	119
Denmark .....	-	63	-	-	-	-	-	-	182	182
Egypt .....	10,930	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	14,000	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	2,913	-	-	-	-	12	12
Finland .....	-	-	-	281	-	2	2	955	5,639	6,594
France .....	-	-	-	2,639	-	24	24	851	7,512	8,363
Gabon .....	15,462	-	-	1	-	-	-	52	227	279
Germany .....	-	-	-	14	-	-	-	-	605	605
Guatemala .....	3,449	-	-	-	-	-	-	-	-	-
India .....	-	-	-	2,626	-	-	-	17	10,351	10,368
Indonesia .....	2,022	-	-	172	-	-	-	-	-	-
Italy .....	308	-	11	1,110	-	2,779	2,779	-	6,442	6,442
Korea, South .....	-	-	54	19	-	98	98	-	1,200	1,200
Latvia .....	-	-	-	-	-	-	-	-	2,350	2,350
Lithuania .....	-	-	-	-	-	157	157	32	256	288
Malaysia .....	-	-	-	-	-	-	-	-	203	203
Mexico .....	326,122	2,318	404	1,071	-	-	-	-	1,808	1,808
Netherlands .....	-	121	203	3,196	-	1,172	1,172	3,143	24,479	27,622
Netherlands Antilles .....	-	-	-	-	-	-	-	-	431	431
Norway .....	9,044	-	516	5,584	-	986	986	79	9,073	9,152
Oman .....	3,610	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	649	-	589	589	-	3,698	3,698
Russia .....	36,364	-	-	107,411	-	296	296	69	4,670	4,739
Spain .....	-	-	-	498	-	1,065	1,065	34	11,736	11,770
Sweden .....	-	-	-	1,550	-	58	58	24	1,364	1,388
Syria .....	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	8,784	-	112	5,716	-	-	-	-	-	-
United Kingdom .....	6,595	135	-	2,656	-	3,790	3,790	16,784	20,971	37,755
Vietnam .....	3,131	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	1,151	1,723	2,874
Yemen .....	-	-	-	-	-	-	-	-	-	-
Other .....	21,231	4,341	406	9,085	-	153	153	0	5,404	5,404
<b>Total</b> .....	<b>2,872,960</b>	<b>10,115</b>	<b>56,941</b>	<b>198,959</b>	-	<b>18,249</b>	<b>18,249</b>	<b>47,356</b>	<b>163,343</b>	<b>210,699</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>727,658</b>	<b>496</b>	-	<b>695</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-November 2012**  
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
<b>OPEC</b> .....	-	-	-	-	-	-	1,910	31	27	-	1,968
Algeria .....	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	27	-	27
Libya .....	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	326	-	-	-	326
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	1,584	31	-	-	1,615
<b>Non-OPEC</b> .....	-	-	10,420	694	332	-	24,058	3,344	9,973	638	38,013
Argentina .....	-	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	57	-	-	573	-	-	573
Australia .....	-	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	2	-	-	-	-	237	-	-	237
Brazil .....	-	-	8,720	-	-	-	-	-	9	-	9
Brunel .....	-	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	121	-	-	-	121
Canada .....	-	-	-	346	-	-	22,238	1,697	8,417	-	32,352
Chad .....	-	-	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-	63	63
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	115	275	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	118	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	279	-	279
Indonesia .....	-	-	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	600	-	-	600
Korea, South .....	-	-	-	-	-	-	411	-	67	1	479
Latvia .....	-	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	313	-	313
Mexico .....	-	-	-	-	-	-	-	-	-	180	180
Netherlands .....	-	-	95	53	-	-	-	194	-	-	194
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	28	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	283	33	368	389	1,073
Spain .....	-	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	2	-	2
Syria .....	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-	5	5
United Kingdom .....	-	-	-	-	-	-	-	5	-	-	5
Vietnam .....	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	217	-	310	-	527
Yemen .....	-	-	-	-	-	-	-	-	-	-	-
Other .....	-	-	1,485	152	0	-	788	5	208	0	1,001
<b>Total</b> .....	-	-	10,420	694	332	-	25,968	3,375	10,000	638	39,981
<b>Persian Gulf<sup>3</sup></b> .....	-	-	-	-	-	-	326	-	27	-	353

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-November 2012**  
(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> .....	—	—	—	2,489	495	12,177	1,009	960	14,146
Algeria .....	—	—	—	—	—	10,051	—	—	10,051
Angola .....	—	—	—	—	—	—	661	—	661
Ecuador .....	—	—	—	—	—	—	6	190	196
Iran .....	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	—
Kuwait .....	—	—	—	—	—	—	19	204	223
Libya .....	—	—	—	—	—	874	—	—	874
Nigeria .....	—	—	—	—	—	654	—	—	654
Qatar .....	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	311	495	—	—	65	65
United Arab Emirates .....	—	—	—	—	—	598	—	—	598
Venezuela .....	—	—	—	2,178	—	—	323	501	824
<b>Non-OPEC</b> .....	<b>464</b>	<b>26</b>	—	<b>15,995</b>	<b>3,481</b>	<b>3,152</b>	<b>12,697</b>	<b>55,566</b>	<b>71,415</b>
Argentina .....	—	—	—	—	—	—	—	—	—
Aruba .....	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	150	79	2,665	2,894
Bahrain .....	—	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	—	61	231	226	371	828
Brazil .....	—	—	—	—	134	1	1,181	624	1,806
Brunei .....	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	—	—
Canada .....	215	26	—	1,027	1,176	251	4,727	16,706	21,684
Chad .....	—	—	—	—	—	63	489	—	552
China .....	—	—	—	—	—	—	—	—	—
Colombia .....	—	—	—	25	—	76	1,486	6,065	7,627
Congo (Brazzaville) .....	—	—	—	—	—	299	55	58	412
Denmark .....	—	—	—	—	—	—	—	—	—
Egypt .....	—	—	—	18	—	—	—	—	—
Equatorial Guinea .....	—	—	—	—	—	—	—	—	—
Estonia .....	—	—	—	—	—	—	—	1,964	1,964
Finland .....	—	—	—	—	35	—	46	—	46
France .....	—	—	—	—	57	—	—	400	400
Gabon .....	—	—	—	—	—	16	118	12	146
Germany .....	—	—	—	—	46	—	—	—	—
Guatemala .....	—	—	—	—	—	—	—	—	—
India .....	—	—	—	417	—	—	—	—	—
Indonesia .....	—	—	—	—	—	—	—	—	—
Italy .....	—	—	—	—	—	416	64	—	480
Korea, South .....	—	—	—	11,612	1,350	—	—	—	—
Latvia .....	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	—	310	—	—	—	—	—
Mexico .....	—	—	—	—	—	—	53	11,130	11,183
Netherlands .....	—	—	—	—	186	309	715	43	1,067
Netherlands Antilles .....	—	—	—	—	—	—	12	—	12
Norway .....	—	—	—	—	—	—	—	—	—
Oman .....	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	—	—
Russia .....	—	—	—	—	—	215	1,145	4,635	5,995
Spain .....	—	—	—	—	143	—	82	—	82
Sweden .....	—	—	—	—	—	—	—	717	717
Syria .....	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	305	7,917	8,222
United Kingdom .....	—	—	—	—	—	—	767	83	850
Vietnam .....	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. ....	103	—	—	5	—	—	60	49	109
Yemen .....	—	—	—	—	—	—	—	—	—
Other .....	146	0	—	2,581	293	1,125	1,087	2,127	4,339
<b>Total</b> .....	<b>464</b>	<b>26</b>	—	<b>18,484</b>	<b>3,976</b>	<b>15,329</b>	<b>13,706</b>	<b>56,526</b>	<b>85,561</b>
<b>Persian Gulf<sup>3</sup></b> .....	—	—	—	<b>311</b>	<b>495</b>	<b>598</b>	<b>19</b>	<b>269</b>	<b>886</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-November 2012**  
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
<b>OPEC</b> .....	<b>1,086</b>	<b>8,830</b>	—	<b>385</b>	<b>73</b>	<b>1,815</b>	—	<b>82,300</b>	<b>1,447,408</b>	<b>4,075</b>	<b>246</b>	<b>4,321</b>
Algeria .....	—	8,777	—	—	—	—	—	42,466	83,042	121	127	248
Angola .....	—	—	—	—	—	—	—	4,129	81,483	231	12	243
Ecuador .....	—	—	—	—	—	—	—	1,131	60,299	177	3	180
Iran .....	—	—	—	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	159,004	475	—	475
Kuwait .....	—	—	—	121	—	—	—	694	104,987	311	2	313
Libya .....	—	—	—	—	—	—	—	1,642	21,770	60	5	65
Nigeria .....	268	—	—	—	—	—	—	12,519	153,733	422	37	459
Qatar .....	—	—	—	—	—	1,499	—	1,825	1,825	—	5	5
Saudi Arabia .....	55	—	—	—	—	33	—	1,208	465,569	1,386	4	1,390
United Arab Emirates .....	—	—	—	—	—	—	—	1,217	1,217	—	4	4
Venezuela .....	763	53	—	264	73	283	—	15,469	314,479	893	46	939
<b>Non-OPEC</b> .....	<b>9,785</b>	<b>4,845</b>	<b>1,332</b>	<b>3,090</b>	<b>10,291</b>	<b>8,249</b>	<b>71</b>	<b>625,070</b>	<b>2,132,922</b>	<b>4,501</b>	<b>1,866</b>	<b>6,367</b>
Argentina .....	120	267	1	643	—	12	—	1,534	9,234	23	5	28
Aruba .....	—	—	—	—	—	59	—	5,028	5,028	—	15	15
Australia .....	—	—	—	—	—	—	—	—	1,716	5	—	5
Bahamas .....	—	—	—	—	—	—	—	3,860	3,860	—	12	12
Bahrain .....	—	—	—	—	—	554	—	554	554	—	2	2
Belgium .....	263	—	—	—	2	55	—	18,389	18,389	—	55	55
Brazil .....	447	—	1	172	—	86	—	12,562	79,428	200	37	237
Brunei .....	—	—	—	—	—	—	—	—	618	2	—	2
Cameroon .....	—	—	—	—	—	—	—	1,028	12,324	34	3	37
Canada .....	1,464	1,297	345	1,078	10,102	2,157	69	180,516	984,335	2,399	539	2,938
Chad .....	—	—	—	—	—	—	—	552	8,104	23	2	24
China .....	—	—	499	6	—	—	—	562	1,020	1	2	3
Colombia .....	—	—	—	—	—	7	—	10,149	146,214	406	30	436
Congo (Brazzaville) .....	—	—	—	—	—	—	—	583	11,293	32	2	34
Denmark .....	—	—	—	—	—	—	—	245	245	—	1	1
Egypt .....	—	—	—	—	—	—	—	18	10,948	33	0	33
Equatorial Guinea .....	—	—	—	—	—	—	—	—	14,000	42	—	42
Estonia .....	—	—	—	—	—	—	—	4,889	4,889	—	15	15
Finland .....	—	—	—	—	—	—	—	7,348	7,348	—	22	22
France .....	139	251	14	—	—	108	—	11,995	11,995	—	36	36
Gabon .....	—	—	—	—	72	—	—	498	15,960	46	1	48
Germany .....	36	—	28	150	—	120	—	1,075	1,075	—	3	3
Guatemala .....	—	—	—	—	—	—	—	118	3,567	10	0	11
India .....	56	—	—	—	—	—	—	13,746	13,746	—	41	41
Indonesia .....	—	—	1	—	—	347	—	520	2,542	6	2	8
Italy .....	89	—	27	—	—	75	—	11,759	12,067	1	35	36
Korea, South .....	1,649	—	—	—	—	3,845	—	20,306	20,306	—	61	61
Latvia .....	—	—	—	—	—	—	—	2,350	2,350	—	7	7
Lithuania .....	—	—	—	—	—	—	—	445	445	—	1	1
Malaysia .....	—	—	120	—	—	12	—	958	958	—	3	3
Mexico .....	2,596	—	—	170	—	—	—	19,730	345,852	973	59	1,032
Netherlands .....	393	18	12	—	—	106	—	34,669	34,669	—	103	103
Netherlands Antilles .....	—	—	—	—	—	—	—	443	443	—	1	1
Norway .....	494	623	—	—	—	—	—	17,383	26,427	27	52	79
Oman .....	—	—	—	—	—	—	—	—	3,610	11	—	11
Portugal .....	—	—	—	—	—	47	—	4,983	4,983	—	15	15
Russia .....	401	2,069	—	—	—	87	—	122,099	158,463	109	364	473
Spain .....	2	—	—	250	106	47	—	14,517	14,517	—	43	43
Sweden .....	—	—	—	—	—	—	—	3,715	3,715	—	11	11
Syria .....	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	—	14,055	22,839	26	42	68
United Kingdom .....	242	—	30	34	—	139	1	45,637	52,232	20	136	156
Vietnam .....	—	—	—	—	—	—	—	—	3,131	9	—	9
Virgin Islands, U.S. ....	—	—	—	478	—	—	—	4,362	4,362	—	13	13
Yemen .....	—	—	—	—	—	—	—	—	—	—	—	—
Other .....	1,394	320	254	109	9	386	1	31,890	53,121	63	95	157
<b>Total</b> .....	<b>10,871</b>	<b>13,675</b>	<b>1,332</b>	<b>3,475</b>	<b>10,364</b>	<b>10,064</b>	<b>71</b>	<b>707,370</b>	<b>3,580,330</b>	<b>8,576</b>	<b>2,112</b>	<b>10,688</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>55</b>	—	—	<b>121</b>	—	<b>2,086</b>	—	<b>5,498</b>	<b>733,156</b>	<b>2,172</b>	<b>16</b>	<b>2,189</b>

— = No Data Reported.

<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."

<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.

**Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2012**  
(Thousand Barrels)

Country of Origin	Crude Oil <sup>1,2</sup>	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils <sup>1</sup>	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>OPEC</b> .....	<b>16,510</b>	-	-	-	-	-	-	-	1,151	1,151
Algeria .....	1,491	-	-	-	-	-	-	-	-	-
Angola .....	525	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	1,355	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-
Nigeria .....	9,749	-	-	-	-	-	-	-	474	474
Qatar .....	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	2,556	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-
Venezuela .....	834	-	-	-	-	-	-	-	677	677
<b>Non-OPEC</b> .....	<b>9,341</b>	-	<b>1,567</b>	<b>860</b>	-	<b>773</b>	<b>773</b>	<b>3,399</b>	<b>8,935</b>	<b>12,334</b>
Argentina .....	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	7	167	174
Brazil .....	360	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-
Canada .....	5,616	-	1,567	-	-	305	305	2,095	1,525	3,620
Chad .....	953	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-	-
Colombia .....	501	-	-	-	-	-	-	-	169	169
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	200	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	226	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	928	928
France .....	-	-	-	-	-	-	-	579	59	638
Gabon .....	650	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	140	140
Guatemala .....	-	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	575	575
Indonesia .....	-	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	224	224
Korea, South .....	-	-	-	-	-	-	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	451	451
Netherlands .....	-	-	-	27	-	-	-	129	980	1,109
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-
Norway .....	1,061	-	-	-	-	468	468	-	873	873
Oman .....	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	317	-	-	-	-	439	439
Spain .....	-	-	-	-	-	-	-	-	1,059	1,059
Sweden .....	-	-	-	201	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	89	-	-	-	589	1,292	1,881
Vietnam .....	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-	-
Other .....	0	-	0	0	-	0	0	0	54	54
<b>Total</b> .....	<b>25,851</b>	-	<b>1,567</b>	<b>860</b>	-	<b>773</b>	<b>773</b>	<b>3,399</b>	<b>10,086</b>	<b>13,485</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>3,911</b>	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2012**  
(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> .....	-	-	-	-	-	-	195	1	-	-	196
Algeria .....	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	195	1	-	-	196
<b>Non-OPEC</b> .....	-	-	1,624	-	57	-	2,454	320	1,900	-	4,674
Argentina .....	-	-	-	-	57	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	1,287	-	-	-	-	-	9	-	9
Brunei .....	-	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	121	-	-	-	121
Canada .....	-	-	-	-	-	-	2,333	320	1,437	-	4,090
Chad .....	-	-	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	-	-	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	95	-	-	-	-	-	-	-	-
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	-	368	-	368
Spain .....	-	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	2	-	2
Syria .....	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-	-	-
Other .....	-	-	242	-	0	-	0	0	84	-	84
<b>Total</b> .....	-	-	1,624	-	57	-	2,649	321	1,900	-	4,870
<b>Persian Gulf<sup>3</sup></b> .....	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2012**  
(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> .....	—	—	—	215	—	470	9	12	491
Algeria .....	—	—	—	—	—	470	—	—	470
Angola .....	—	—	—	—	—	—	—	—	—
Ecuador .....	—	—	—	—	—	—	—	—	—
Iran .....	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	—
Kuwait .....	—	—	—	—	—	—	9	12	21
Libya .....	—	—	—	—	—	—	—	—	—
Nigeria .....	—	—	—	—	—	—	—	—	—
Qatar .....	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	—	—	—	—	—	—
United Arab Emirates .....	—	—	—	—	—	—	—	—	—
Venezuela .....	—	—	—	215	—	—	—	—	—
<b>Non-OPEC</b> .....	82	2	—	340	—	314	637	2,906	3,857
Argentina .....	—	—	—	—	—	—	—	—	—
Aruba .....	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	—	—	210	210
Bahrain .....	—	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	—	—	—	—	—	—
Brazil .....	—	—	—	—	—	—	19	133	152
Brunel .....	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	—	—
Canada .....	82	2	—	87	—	3	307	976	1,286
Chad .....	—	—	—	—	—	27	21	—	48
China .....	—	—	—	—	—	—	—	—	—
Colombia .....	—	—	—	—	—	—	155	501	656
Congo (Brazzaville) .....	—	—	—	—	—	—	—	29	29
Denmark .....	—	—	—	—	—	—	—	—	—
Egypt .....	—	—	—	—	—	—	—	—	—
Equatorial Guinea .....	—	—	—	—	—	—	—	—	—
Estonia .....	—	—	—	—	—	—	—	—	—
Finland .....	—	—	—	—	—	—	—	—	—
France .....	—	—	—	—	—	—	—	—	—
Gabon .....	—	—	—	—	—	—	—	12	12
Germany .....	—	—	—	—	—	—	—	—	—
Guatemala .....	—	—	—	—	—	—	—	—	—
India .....	—	—	—	—	—	—	—	—	—
Indonesia .....	—	—	—	—	—	—	—	—	—
Italy .....	—	—	—	—	—	—	—	—	—
Korea, South .....	—	—	—	253	—	—	—	—	—
Latvia .....	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	—	—	—	—	—	—	—
Mexico .....	—	—	—	—	—	—	—	—	—
Netherlands .....	—	—	—	—	—	109	63	—	172
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—
Norway .....	—	—	—	—	—	—	—	—	—
Oman .....	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	—	—
Russia .....	—	—	—	—	—	—	27	396	423
Spain .....	—	—	—	—	—	—	—	—	—
Sweden .....	—	—	—	—	—	—	—	—	—
Syria .....	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	—	639	639
United Kingdom .....	—	—	—	—	—	—	—	—	—
Vietnam .....	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. .....	—	—	—	—	—	—	—	—	—
Yemen .....	—	—	—	—	—	—	—	—	—
Other .....	0	0	—	0	—	175	45	10	230
<b>Total</b> .....	<b>82</b>	<b>2</b>	<b>—</b>	<b>555</b>	<b>—</b>	<b>784</b>	<b>646</b>	<b>2,918</b>	<b>4,348</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>9</b>	<b>12</b>	<b>21</b>

See footnotes at end of table.



**Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2012**  
(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> .....	-	-	-	-	-	-	-	2,053	18,563	550	68	619
Algeria .....	-	-	-	-	-	-	-	470	1,961	50	16	65
Angola .....	-	-	-	-	-	-	-	-	525	18	-	18
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	1,355	45	-	45
Kuwait .....	-	-	-	-	-	-	-	21	21	-	1	1
Libya .....	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	474	10,223	325	16	341
Qatar .....	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	2,556	85	-	85
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	1,088	1,922	28	36	64
<b>Non-OPEC</b> .....	1	5	55	1	178	94	-	26,555	35,896	311	885	1,197
Argentina .....	-	-	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	57	57	-	2	2
Australia .....	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	210	210	-	7	7
Bahrain .....	-	-	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	1	-	175	175	-	6	6
Brazil .....	-	-	-	-	-	-	-	1,448	1,808	12	48	60
Brunei .....	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	121	121	-	4	4
Canada .....	1	5	46	1	178	63	-	11,333	16,949	187	378	565
Chad .....	-	-	-	-	-	-	-	48	1,001	32	2	33
China .....	-	-	2	-	-	-	-	2	2	-	0	0
Colombia .....	-	-	-	-	-	-	-	825	1,326	17	28	44
Congo (Brazzaville) .....	-	-	-	-	-	-	-	29	29	-	1	1
Denmark .....	-	-	-	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	200	7	-	7
Estonia .....	-	-	-	-	-	-	-	226	226	-	8	8
Finland .....	-	-	-	-	-	-	-	928	928	-	31	31
France .....	-	-	-	-	-	3	-	641	641	-	21	21
Gabon .....	-	-	-	-	-	-	-	12	662	22	0	22
Germany .....	-	-	1	-	-	6	-	148	148	-	5	5
Guatemala .....	-	-	-	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	575	575	-	19	19
Indonesia .....	-	-	-	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	1	-	225	225	-	8	8
Korea, South .....	-	-	-	-	-	-	-	253	253	-	8	8
Latvia .....	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	451	451	-	15	15
Netherlands .....	-	-	-	-	-	-	-	1,403	1,403	-	47	47
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	1,341	2,402	35	45	80
Oman .....	-	-	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	1,547	1,547	-	52	52
Spain .....	-	-	-	-	-	-	-	1,109	1,109	-	37	37
Sweden .....	-	-	-	-	-	-	-	203	203	-	7	7
Syria .....	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	639	639	-	21	21
United Kingdom .....	-	-	-	-	-	1	-	1,971	1,971	-	66	66
Vietnam .....	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-	-	-	-
Other .....	0	0	6	0	0	19	-	635	635	-1	19	21
<b>Total</b> .....	1	5	55	1	178	94	-	28,608	54,459	862	954	1,815
<b>Persian Gulf<sup>3</sup></b> .....	-	-	-	-	-	-	-	21	3,932	130	1	131

- = 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, November 2012**  
(Thousand Barrels)

Country of Origin	Crude Oil <sup>1,2</sup>	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils <sup>1</sup>	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>OPEC</b> .....	<b>869</b>	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	869	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	<b>47,154</b>	<b>11</b>	<b>2,455</b>	-	-	<b>44</b>	<b>44</b>	-	<b>50</b>	<b>50</b>
Argentina .....	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-
Canada .....	47,154	11	2,455	-	-	44	44	-	50	50
Chad .....	-	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	-	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	-	-	-
Spain .....	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-	-
Other .....	0	0	0	-	-	0	0	-	0	0
<b>Total</b> .....	<b>48,023</b>	<b>11</b>	<b>2,455</b>	-	-	<b>44</b>	<b>44</b>	-	<b>50</b>	<b>50</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>869</b>	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2012**  
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
<b>OPEC</b> .....	-	-	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	-	-	9	-	-	146	7	12	-	165
Argentina .....	-	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-	-
Canada .....	-	-	-	9	-	-	146	7	12	-	165
Chad .....	-	-	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	-	-	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	-	-	-	-
Spain .....	-	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-	-	-
Other .....	-	-	-	0	-	-	0	0	0	-	0
<b>Total</b> .....	-	-	-	9	-	-	146	7	12	-	165
<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, November 2012**  
(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 .....	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	<b>1</b>	<b>1</b>	-	-	<b>26</b>	<b>2</b>	<b>84</b>	<b>83</b>	<b>169</b>
Argentina .....	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-
Brunel .....	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-
Canada .....	1	1	-	-	26	2	84	83	169
Chad .....	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	-	-
Spain .....	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-
Other .....	0	0	-	-	0	0	0	0	0
<b>Total</b> .....	<b>1</b>	<b>1</b>	-	-	<b>26</b>	<b>2</b>	<b>84</b>	<b>83</b>	<b>169</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, November 2012**  
(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> .....	-	-	-	-	-	-	-	-	869	29	-	29
Algeria .....	-	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	869	29	-	29
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	68	52	9	53	160	86	3	3,418	50,572	1,572	114	1,686
Argentina .....	-	-	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-	-	-
Canada .....	68	52	9	51	160	86	3	3,416	50,570	1,572	114	1,686
Chad .....	-	-	-	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	2	-	-	-	2	2	-	0	0
Guatemala .....	-	-	-	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	-	-	-	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	-	-	-	-	-
Spain .....	-	-	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-	-	-	-
Other .....	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b> .....	68	52	9	53	160	86	3	3,418	51,441	1,601	114	1,715
<b>Persian Gulf</b> <sup>3</sup> .....	-	-	-	-	-	-	-	-	869	29	-	29

- = 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, November 2012**  
(Thousand Barrels)

Country of Origin	Crude Oil <sup>1,2</sup>	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils <sup>1</sup>	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>OPEC</b> .....	<b>84,583</b>	-	-	<b>2,091</b>	-	-	-	-	-	-
Algeria .....	1,048	-	-	1,402	-	-	-	-	-	-
Angola .....	1,472	-	-	375	-	-	-	-	-	-
Ecuador .....	739	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	8,965	-	-	-	-	-	-	-	-	-
Kuwait .....	8,265	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	314	-	-	-	-	-	-
Nigeria .....	4,043	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	29,928	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-
Venezuela .....	30,123	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	<b>47,252</b>	<b>643</b>	<b>75</b>	<b>12,656</b>	-	-	-	-	<b>273</b>	<b>273</b>
Argentina .....	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	38	1,278	-	-	-	-	-	-
Brazil .....	1,208	-	-	-	-	-	-	-	-	-
Brunel .....	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-
Canada .....	2,105	-	-	817	-	-	-	-	246	246
Chad .....	952	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-	-
Colombia .....	9,498	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-	-
Egypt .....	645	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-	-
France .....	-	-	-	187	-	-	-	-	-	-
Gabon .....	891	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-
Guatemala .....	268	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	-	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-	-
Mexico .....	30,412	-	37	-	-	-	-	-	-	-
Netherlands .....	-	-	-	429	-	-	-	-	-	-
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	170	-	-	-	-	-	-
Russia .....	314	-	-	8,410	-	-	-	-	-	-
Spain .....	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	102	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	380	-	-	-	-	-	-	-	-	-
United Kingdom .....	512	-	-	1,263	-	-	-	-	27	27
Vietnam .....	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-	-
Other .....	67	643	0	0	-	-	-	-	0	0
<b>Total</b> .....	<b>131,835</b>	<b>643</b>	<b>75</b>	<b>14,747</b>	-	-	-	-	<b>273</b>	<b>273</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>47,158</b>	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2012**  
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
<b>OPEC</b> .....	-	-	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	-	-	-	-	-	-	-	-	183	183
Argentina .....	-	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-	-
Canada .....	-	-	-	-	-	-	-	-	-	-	-
Chad .....	-	-	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	-	-	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	-	-	183	183
Spain .....	-	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-	-	-
Other .....	-	-	-	-	-	-	-	-	-	0	0
<b>Total</b> .....	-	-	-	-	-	-	-	-	-	183	183
<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, November 2012**  
(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> .....	-	-	-	-	133	594	-	-	594
Algeria .....	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	594	-	-	594
Nigeria .....	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	133	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	-	-	25	591	215	387	697	1,299
Argentina .....	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	67	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-
Canada .....	-	-	-	-	81	-	231	140	371
Chad .....	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	25	-	-	3	-	3
Congo (Brazzaville) .....	-	-	-	-	-	-	-	25	25
Denmark .....	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	46	-	46
France .....	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	7	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	197	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	446	446
Netherlands .....	-	-	-	-	42	-	-	-	-
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	215	107	86	408
Spain .....	-	-	-	-	118	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-
Other .....	-	-	-	0	79	0	0	0	0
<b>Total</b> .....	-	-	-	25	724	809	387	697	1,893
<b>Persian Gulf<sup>3</sup></b> .....	-	-	-	-	133	-	-	-	-

See footnotes at end of table.

**Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2012**  
(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>59</b>	<b>716</b>	—	—	—	<b>376</b>	—	<b>3,969</b>	<b>88,552</b>	<b>2,819</b>	<b>132</b>	<b>2,952</b>
Algeria .....	—	712	—	—	—	—	—	2,114	3,162	35	70	105
Angola .....	—	—	—	—	—	—	—	375	1,847	49	13	62
Ecuador .....	—	—	—	—	—	—	—	—	739	25	—	25
Iran .....	—	—	—	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	8,965	299	—	299
Kuwait .....	—	—	—	—	—	—	—	—	8,265	276	—	276
Libya .....	—	—	—	—	—	—	—	908	908	—	30	30
Nigeria .....	—	—	—	—	—	—	—	—	4,043	135	—	135
Qatar .....	—	—	—	—	—	352	—	352	352	—	12	12
Saudi Arabia .....	41	—	—	—	—	—	—	174	30,102	998	6	1,003
United Arab Emirates .....	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela .....	18	4	—	—	—	24	—	46	30,169	1,004	2	1,006
<b>Non-OPEC</b> .....	<b>628</b>	<b>62</b>	<b>17</b>	<b>103</b>	—	<b>524</b>	—	<b>17,096</b>	<b>64,348</b>	<b>1,575</b>	<b>570</b>	<b>2,145</b>
Argentina .....	—	—	—	87	—	—	—	87	87	—	3	3
Aruba .....	—	—	—	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain .....	—	—	—	—	—	30	—	30	30	—	1	1
Belgium .....	10	—	—	—	—	2	—	1,328	1,328	—	44	44
Brazil .....	—	—	—	—	—	—	—	67	1,275	40	2	43
Brunei .....	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	—	—	—	—	—
Canada .....	86	42	—	—	—	—	—	1,643	3,748	70	55	125
Chad .....	—	—	—	—	—	—	—	—	952	32	—	32
China .....	—	—	—	—	—	—	—	—	—	—	—	—
Colombia .....	—	—	—	—	—	—	—	28	9,526	317	1	318
Congo (Brazzaville) .....	—	—	—	—	—	—	—	25	25	—	1	1
Denmark .....	—	—	—	—	—	—	—	—	—	—	—	—
Egypt .....	—	—	—	—	—	—	—	—	645	22	—	22
Equatorial Guinea .....	—	—	—	—	—	—	—	—	—	—	—	—
Estonia .....	—	—	—	—	—	—	—	—	—	—	—	—
Finland .....	—	—	—	—	—	—	—	46	46	—	2	2
France .....	—	20	—	—	—	2	—	209	209	—	7	7
Gabon .....	—	—	—	—	—	—	—	—	891	30	—	30
Germany .....	7	—	—	—	—	2	—	24	24	—	1	1
Guatemala .....	—	—	—	—	—	—	—	—	268	9	—	9
India .....	—	—	—	—	—	—	—	—	—	—	—	—
Indonesia .....	—	—	—	—	—	49	—	49	49	—	2	2
Italy .....	—	—	—	—	—	6	—	7	7	—	0	0
Korea, South .....	43	—	—	—	—	424	—	664	664	—	22	22
Latvia .....	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	16	—	—	—	—	16	16	—	1	1
Mexico .....	281	—	—	—	—	—	—	764	31,176	1,014	25	1,039
Netherlands .....	8	—	—	—	—	—	—	485	485	—	16	16
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—	—	—	—
Norway .....	—	—	—	—	—	—	—	—	—	—	—	—
Oman .....	—	—	—	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	170	170	—	6	6
Russia .....	—	—	—	—	—	—	—	9,001	9,315	10	300	311
Spain .....	—	—	—	—	—	—	—	118	118	—	4	4
Sweden .....	—	—	—	—	—	—	—	102	102	—	3	3
Syria .....	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	—	—	380	13	—	13
United Kingdom .....	—	—	—	16	—	—	—	1,306	1,818	17	44	61
Vietnam .....	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. .....	—	—	—	—	—	—	—	—	—	—	—	—
Yemen .....	—	—	—	—	—	—	—	—	—	—	—	—
Other .....	193	0	1	0	—	9	—	927	994	1	30	29
<b>Total</b> .....	<b>687</b>	<b>778</b>	<b>17</b>	<b>103</b>	—	<b>900</b>	—	<b>21,065</b>	<b>152,900</b>	<b>4,395</b>	<b>702</b>	<b>5,097</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>41</b>	—	—	—	—	<b>382</b>	—	<b>556</b>	<b>47,714</b>	<b>1,572</b>	<b>19</b>	<b>1,590</b>

— = 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, November 2012**  
(Thousand Barrels)

Country of Origin	Crude Oil <sup>1,2</sup>	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils <sup>1</sup>	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>PAD District 4</b>										
<b>OPEC</b> .....	-	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	<b>7,714</b>	-	<b>317</b>	-	-	<b>6</b>	<b>6</b>	-	-	-
Canada .....	7,714	-	317	-	-	6	6	-	-	-
Other .....	0	-	0	-	-	0	0	-	-	-
<b>Total</b> .....	<b>7,714</b>	-	<b>317</b>	-	-	<b>6</b>	<b>6</b>	-	-	-
<b>PAD District 5</b>										
<b>OPEC</b> .....	17,039	-	-	825	-	-	-	-	-	-
Algeria .....	8	-	-	825	-	-	-	-	-	-
Angola .....	2,352	-	-	-	-	-	-	-	-	-
Ecuador .....	3,345	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	4,344	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-
Libya .....	1	-	-	-	-	-	-	-	-	-
Nigeria .....	771	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	6,218	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	<b>13,433</b>	-	<b>273</b>	<b>1,621</b>	-	<b>138</b>	<b>138</b>	-	<b>432</b>	<b>432</b>
Argentina .....	360	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-
Australia .....	573	-	-	-	-	-	-	-	-	-
Brazil .....	1	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-
Canada .....	4,961	-	218	-	-	138	138	-	330	330
China .....	-	-	-	-	-	-	-	-	-	-
Colombia .....	3,092	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-
Indonesia .....	437	-	-	172	-	-	-	-	-	-
Japan .....	-	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	102	102
Mexico .....	-	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	279	-	-	-	-	-	-
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	-	-	-	-	-	-	-	-	-	-
Peru .....	416	-	-	-	-	-	-	-	-	-
Singapore .....	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-	-
Taiwan .....	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-	-
Vietnam .....	644	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	-	-	-
Other .....	2,949	-	55	1,170	-	0	0	-	0	0
<b>Total</b> .....	<b>30,472</b>	-	<b>273</b>	<b>2,446</b>	-	<b>138</b>	<b>138</b>	-	<b>432</b>	<b>432</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>10,562</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, November 2012**  
(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 .....	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	-	-	-	-	-	8	56	-	-	64
Canada .....	-	-	-	-	-	-	8	56	-	-	64
Other .....	-	-	-	-	-	-	0	0	-	-	0
<b>Total</b> .....	-	-	-	-	-	-	8	56	-	-	64
<b>PAD District 5</b>											
<b>OPEC</b> .....	-	-	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	-	338	-	-	-	56	3	320	-	379
Argentina .....	-	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	119	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-	-
Canada .....	-	-	-	-	-	-	56	3	7	-	66
China .....	-	-	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-	-
Japan .....	-	-	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	313	-	313
Mexico .....	-	-	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	-	-	-	-	-	-	-	-	-	-	-
Peru .....	-	-	-	-	-	-	-	-	-	-	-
Singapore .....	-	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-	-	-
Taiwan .....	-	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	-	-	-	-
Other .....	-	-	219	-	-	-	0	0	0	-	0
<b>Total</b> .....	-	-	338	-	-	-	56	3	320	-	379
<b>Persian Gulf</b> <sup>3</sup> .....	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2012**  
(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 .....	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	-	-	-	-	-	1	10	11
Canada .....	-	-	-	-	-	-	1	10	11
Other .....	-	-	-	-	-	-	0	0	0
<b>Total</b> .....	-	-	-	-	-	-	1	10	11
<b>PAD District 5</b>									
<b>OPEC</b> .....	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	-	-	791	-	-	13	650	663
Argentina .....	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-
Canada .....	-	-	-	-	-	-	13	33	46
China .....	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-
Japan .....	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	684	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	316	316
Netherlands .....	-	-	-	-	-	-	-	-	-
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	-	-	-	-	-	-	-	-	-
Peru .....	-	-	-	-	-	-	-	301	301
Singapore .....	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-
Taiwan .....	-	-	-	107	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	-	-
Other .....	-	-	-	0	-	-	0	0	0
<b>Total</b> .....	-	-	-	791	-	-	13	650	663
<b>Persian Gulf</b> <sup>3</sup> .....	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2012**  
(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 .....	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	-	1	-	90	-	1	490	8,204	257	16	273
Canada .....	-	-	1	-	90	-	1	490	8,204	257	16	273
Other .....	-	-	0	-	0	-	0	0	0	0	0	0
<b>Total</b> .....	-	-	1	-	90	-	1	490	8,204	257	16	273
<b>PAD District 5</b>												
<b>OPEC</b> .....	-	-	-	-	-	-	-	825	17,864	568	28	595
Algeria .....	-	-	-	-	-	-	-	825	833	0	28	28
Angola .....	-	-	-	-	-	-	-	-	2,352	78	-	78
Ecuador .....	-	-	-	-	-	-	-	-	3,345	112	-	112
Iran .....	-	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	4,344	145	-	145
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	1	0	-	0
Nigeria .....	-	-	-	-	-	-	-	-	771	26	-	26
Qatar .....	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	6,218	207	-	207
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	36	-	8	15	47	34	-	4,775	18,208	448	159	607
Argentina .....	-	-	-	-	-	-	-	-	360	12	-	12
Aruba .....	-	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	573	19	-	19
Brazil .....	-	-	-	-	-	-	-	119	120	0	4	4
Brunei .....	-	-	-	-	-	-	-	-	-	-	-	-
Canada .....	-	-	-	15	47	6	-	866	5,827	165	29	194
China .....	-	-	7	-	-	-	-	7	7	-	0	0
Colombia .....	-	-	-	-	-	-	-	-	3,092	103	-	103
Finland .....	-	-	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	172	609	15	6	20
Japan .....	-	-	-	-	-	2	-	2	2	-	0	0
Korea, South .....	36	-	-	-	-	26	-	746	746	-	25	25
Malaysia .....	-	-	1	-	-	-	-	416	416	-	14	14
Mexico .....	-	-	-	-	-	-	-	316	316	-	11	11
Netherlands .....	-	-	-	-	-	-	-	279	279	-	9	9
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	-	-	-	-	-	-	-	-	-	-	-	-
Peru .....	-	-	-	-	-	-	-	301	717	14	10	24
Singapore .....	-	-	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-	-	-	-
Taiwan .....	-	-	-	-	-	-	-	107	107	-	4	4
United Kingdom .....	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	644	21	-	21
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	-	-	-	-	-
Other .....	0	-	0	0	0	0	-	1,444	4,393	99	47	147
<b>Total</b> .....	36	-	8	15	47	34	-	5,600	36,072	1,016	187	1,202
<b>Persian Gulf</b> <sup>3</sup> .....	-	-	-	-	-	-	-	-	10,562	352	-	352

- = 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-November 2012**  
(Thousand Barrels)

Country of Origin	Crude Oil <sup>1,2</sup>	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils <sup>1</sup>	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>OPEC</b> .....	<b>165,390</b>	<b>185</b>	<b>1,396</b>	<b>2,814</b>	-	-	-	-	<b>15,928</b>	<b>15,928</b>
Algeria .....	12,694	-	1,396	878	-	-	-	-	302	302
Angola .....	29,343	-	-	-	-	-	-	-	61	61
Ecuador .....	714	-	-	-	-	-	-	-	935	935
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	16,918	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-
Libya .....	11,408	-	-	-	-	-	-	-	146	146
Nigeria .....	57,735	185	-	708	-	-	-	-	8,640	8,640
Qatar .....	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	28,710	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-
Venezuela .....	7,868	-	-	1,228	-	-	-	-	5,844	5,844
<b>Non-OPEC</b> .....	<b>127,700</b>	<b>-</b>	<b>14,297</b>	<b>33,318</b>	<b>-</b>	<b>11,880</b>	<b>11,880</b>	<b>46,955</b>	<b>133,005</b>	<b>179,960</b>
Argentina .....	-	-	-	-	-	-	-	-	369	369
Aruba .....	-	-	-	763	-	-	-	-	372	372
Australia .....	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	175	372	547
Bahrain .....	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	211	211	173	3,800	3,973
Brazil .....	5,025	-	-	118	-	-	-	-	43	43
Brunei .....	-	-	-	-	-	-	-	-	-	-
Cameroon .....	10,896	-	-	286	-	-	-	-	52	52
Canada .....	62,978	-	13,770	500	-	6,011	6,011	23,746	15,908	39,654
Chad .....	953	-	-	-	-	-	-	-	-	-
China .....	-	-	-	16	-	-	-	-	-	-
Colombia .....	8,900	-	-	667	-	-	-	-	658	658
Congo (Brazzaville) .....	8,369	-	-	-	-	-	-	-	119	119
Denmark .....	-	-	-	-	-	-	-	-	159	159
Egypt .....	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	6,106	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	2,482	-	-	-	-	12	12
Finland .....	-	-	-	181	-	2	2	955	5,639	6,594
France .....	-	-	-	787	-	-	-	851	7,438	8,289
Gabon .....	5,990	-	-	-	-	-	-	52	59	111
Germany .....	-	-	-	-	-	-	-	-	605	605
Guatemala .....	-	-	-	-	-	-	-	-	-	-
India .....	-	-	-	876	-	-	-	17	8,837	8,854
Indonesia .....	-	-	-	-	-	-	-	-	-	-
Italy .....	-	-	11	-	-	-	-	-	5,904	5,904
Korea, South .....	-	-	-	-	-	-	-	-	353	353
Latvia .....	-	-	-	-	-	-	-	-	2,350	2,350
Lithuania .....	-	-	-	-	-	157	157	32	256	288
Malaysia .....	-	-	-	-	-	-	-	-	-	-
Mexico .....	623	-	-	-	-	-	-	-	735	735
Netherlands .....	-	-	-	789	-	860	860	3,143	23,866	27,009
Netherlands Antilles .....	-	-	-	-	-	-	-	-	431	431
Norway .....	7,862	-	516	-	-	986	986	79	8,712	8,791
Oman .....	150	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	204	-	-	-	-	3,698	3,698
Russia .....	1,392	-	-	19,376	-	296	296	69	4,481	4,550
Spain .....	-	-	-	368	-	369	369	34	11,144	11,178
Sweden .....	-	-	-	734	-	-	-	24	1,364	1,388
Syria .....	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	350	-	-	-	-	-	-
United Kingdom .....	2,037	-	-	620	-	2,962	2,962	16,454	20,385	36,839
Vietnam .....	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	1,151	1,062	2,213
Yemen .....	-	-	-	-	-	-	-	-	-	-
Other .....	6,419	0	0	4,201	-	26	26	0	3,822	3,822
<b>Total</b> .....	<b>293,090</b>	<b>185</b>	<b>15,693</b>	<b>36,132</b>	<b>-</b>	<b>11,880</b>	<b>11,880</b>	<b>46,955</b>	<b>148,933</b>	<b>195,888</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>45,628</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 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-November 2012**  
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
<b>OPEC</b> .....	-	-	-	-	-	-	1,910	31	27	-	1,968
Algeria .....	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	27	-	27
Libya .....	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	326	-	-	-	326
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	1,584	31	-	-	1,615
<b>Non-OPEC</b> .....	-	-	8,360	333	332	-	20,079	2,193	9,035	-	31,307
Argentina .....	-	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	57	-	-	573	-	-	573
Australia .....	-	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	2	-	-	-	-	237	-	-	237
Brazil .....	-	-	7,338	-	-	-	-	-	9	-	9
Brunei .....	-	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	121	-	-	-	121
Canada .....	-	-	-	57	-	-	19,741	1,146	8,262	-	29,149
Chad .....	-	-	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	115	275	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	-	-	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	95	-	-	-	-	194	-	-	194
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	28	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	33	368	-	401
Spain .....	-	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	2	-	2
Syria .....	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	5	-	-	5
Vietnam .....	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	217	-	310	-	527
Yemen .....	-	-	-	-	-	-	-	-	-	-	-
Other .....	-	-	925	133	0	-	0	5	84	-	89
<b>Total</b> .....	-	-	8,360	333	332	-	21,989	2,224	9,062	-	33,275
<b>Persian Gulf<sup>3</sup></b> .....	-	-	-	-	-	-	326	-	27	-	353

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-November 2012**  
(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> .....	—	—	—	2,482	—	10,972	19	291	11,282
Algeria .....	—	—	—	—	—	10,051	—	—	10,051
Angola .....	—	—	—	—	—	—	—	—	—
Ecuador .....	—	—	—	—	—	—	—	—	—
Iran .....	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	—
Kuwait .....	—	—	—	—	—	—	19	204	223
Libya .....	—	—	—	—	—	—	—	—	—
Nigeria .....	—	—	—	—	—	323	—	—	323
Qatar .....	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	311	—	—	—	—	—
United Arab Emirates .....	—	—	—	—	—	598	—	—	598
Venezuela .....	—	—	—	2,171	—	—	—	87	87
<b>Non-OPEC</b> .....	317	11	—	5,057	85	2,048	5,838	36,692	44,578
Argentina .....	—	—	—	—	—	—	—	—	—
Aruba .....	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	150	60	1,697	1,907
Bahrain .....	—	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	—	—	—	—	—	—
Brazil .....	—	—	—	—	—	1	660	624	1,285
Brunel .....	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	—	—
Canada .....	214	11	—	877	10	150	2,807	13,822	16,779
Chad .....	—	—	—	—	—	63	166	—	229
China .....	—	—	—	—	—	—	—	—	—
Colombia .....	—	—	—	—	—	76	957	5,881	6,914
Congo (Brazzaville) .....	—	—	—	—	—	299	55	33	387
Denmark .....	—	—	—	—	—	—	—	—	—
Egypt .....	—	—	—	—	—	—	—	—	—
Equatorial Guinea .....	—	—	—	—	—	—	—	—	—
Estonia .....	—	—	—	—	—	—	—	1,872	1,872
Finland .....	—	—	—	—	—	—	—	—	—
France .....	—	—	—	—	—	—	—	—	—
Gabon .....	—	—	—	—	—	16	20	12	48
Germany .....	—	—	—	—	—	—	—	—	—
Guatemala .....	—	—	—	—	—	—	—	—	—
India .....	—	—	—	417	—	—	—	—	—
Indonesia .....	—	—	—	—	—	—	—	—	—
Italy .....	—	—	—	—	—	—	—	—	—
Korea, South .....	—	—	—	2,999	—	—	—	—	—
Latvia .....	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	—	—	—	—	—	—	—
Mexico .....	—	—	—	—	—	—	—	973	973
Netherlands .....	—	—	—	—	50	168	429	43	640
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—
Norway .....	—	—	—	—	—	—	—	—	—
Oman .....	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	—	—
Russia .....	—	—	—	—	—	—	40	2,588	2,628
Spain .....	—	—	—	—	25	—	—	—	—
Sweden .....	—	—	—	—	—	—	—	717	717
Syria .....	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	198	7,882	8,080
United Kingdom .....	—	—	—	—	—	—	—	—	—
Vietnam .....	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. ....	103	—	—	5	—	—	60	49	109
Yemen .....	—	—	—	—	—	—	—	—	—
Other .....	0	0	—	759	0	1,125	386	499	2,010
<b>Total</b> .....	317	11	—	7,539	85	13,020	5,857	36,983	55,860
<b>Persian Gulf<sup>3</sup></b> .....	—	—	—	311	—	598	19	204	821

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-November 2012**  
(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>593</b>	—	—	<b>195</b>	<b>41</b>	—	—	<b>37,166</b>	<b>202,556</b>	<b>494</b>	<b>111</b>	<b>605</b>
Algeria .....	—	—	—	—	—	—	—	12,627	25,321	38	38	76
Angola .....	—	—	—	—	—	—	—	61	29,404	88	0	88
Ecuador .....	—	—	—	—	—	—	—	935	1,649	2	3	5
Iran .....	—	—	—	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	16,918	51	—	51
Kuwait .....	—	—	—	—	—	—	—	250	250	—	1	1
Libya .....	—	—	—	—	—	—	—	146	11,554	34	0	34
Nigeria .....	268	—	—	—	—	—	—	10,149	67,884	172	30	203
Qatar .....	—	—	—	—	—	—	—	326	326	—	1	1
Saudi Arabia .....	—	—	—	—	—	—	—	311	29,021	86	1	87
United Arab Emirates .....	—	—	—	—	—	—	—	598	598	—	2	2
Venezuela .....	325	—	—	195	41	—	—	11,763	19,631	23	35	59
<b>Non-OPEC</b> .....	<b>32</b>	<b>52</b>	<b>726</b>	<b>669</b>	<b>5,102</b>	<b>1,410</b>	—	<b>339,194</b>	<b>466,894</b>	<b>381</b>	<b>1,013</b>	<b>1,394</b>
Argentina .....	—	—	1	—	—	—	—	370	370	—	1	1
Aruba .....	—	—	—	—	—	—	—	2,047	2,047	—	6	6
Australia .....	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	—	—	2,454	2,454	—	7	7
Bahrain .....	—	—	—	—	—	37	—	37	37	—	0	0
Belgium .....	—	—	—	—	2	9	—	4,435	4,435	—	13	13
Brazil .....	—	—	1	—	—	41	—	8,835	13,860	15	26	41
Brunei .....	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	459	11,355	33	1	34
Canada .....	32	52	317	13	4,994	764	—	113,204	176,182	188	338	526
Chad .....	—	—	—	—	—	—	—	229	1,182	3	1	4
China .....	—	—	122	6	—	—	—	144	144	—	0	0
Colombia .....	—	—	—	—	—	—	—	8,239	17,139	27	25	51
Congo (Brazzaville) .....	—	—	—	—	—	—	—	506	8,875	25	2	26
Denmark .....	—	—	—	—	—	—	—	159	159	—	0	0
Egypt .....	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea .....	—	—	—	—	—	—	—	—	6,106	18	—	18
Estonia .....	—	—	—	—	—	—	—	4,366	4,366	—	13	13
Finland .....	—	—	—	—	—	—	—	7,167	7,167	—	21	21
France .....	—	—	14	—	—	79	—	9,169	9,169	—	27	27
Gabon .....	—	—	—	—	—	—	—	159	6,149	18	0	18
Germany .....	—	—	26	—	—	94	—	726	726	—	2	2
Guatemala .....	—	—	—	—	—	—	—	—	—	—	—	—
India .....	—	—	—	—	—	—	—	10,147	10,147	—	30	30
Indonesia .....	—	—	1	—	—	—	—	1	1	—	0	0
Italy .....	—	—	27	—	—	9	—	5,964	5,964	—	18	18
Korea, South .....	—	—	—	—	—	240	—	3,592	3,592	—	11	11
Latvia .....	—	—	—	—	—	—	—	2,350	2,350	—	7	7
Lithuania .....	—	—	—	—	—	—	—	445	445	—	1	1
Malaysia .....	—	—	3	—	—	—	—	3	3	—	0	0
Mexico .....	—	—	—	170	—	—	—	1,878	2,501	2	6	7
Netherlands .....	—	—	12	—	—	29	—	29,903	29,903	—	89	89
Netherlands Antilles .....	—	—	—	—	—	—	—	431	431	—	1	1
Norway .....	—	—	—	—	—	—	—	10,321	18,183	23	31	54
Oman .....	—	—	—	—	—	—	—	—	150	0	—	0
Portugal .....	—	—	—	—	—	—	—	3,902	3,902	—	12	12
Russia .....	—	—	—	—	—	—	—	27,271	28,663	4	81	86
Spain .....	—	—	—	—	106	—	—	12,600	12,600	—	38	38
Sweden .....	—	—	—	—	—	—	—	2,841	2,841	—	8	8
Syria .....	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	—	8,430	8,430	—	25	25
United Kingdom .....	—	—	30	2	—	2	—	40,460	42,497	6	121	127
Vietnam .....	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. ....	—	—	—	478	—	—	—	3,701	3,701	—	11	11
Yemen .....	—	—	—	—	—	—	—	—	—	—	—	—
Other .....	0	0	172	0	0	106	—	12,249	18,668	19	40	61
<b>Total</b> .....	<b>625</b>	<b>52</b>	<b>726</b>	<b>864</b>	<b>5,143</b>	<b>1,410</b>	—	<b>376,360</b>	<b>669,450</b>	<b>875</b>	<b>1,123</b>	<b>1,998</b>
<b>Persian Gulf<sup>3</sup></b> .....	—	—	—	—	—	<b>37</b>	—	<b>1,522</b>	<b>47,150</b>	<b>136</b>	<b>5</b>	<b>141</b>

— = 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-November 2012**  
(Thousand Barrels)

Country of Origin	Crude Oil <sup>1,2</sup>	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils <sup>1</sup>	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>OPEC</b> .....	<b>14,902</b>	-	-	-	-	-	-	-	-	-
Algeria .....	4,074	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	10,586	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-
Venezuela .....	242	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	<b>560,418</b>	<b>202</b>	<b>35,236</b>	-	-	<b>84</b>	<b>84</b>	-	<b>622</b>	<b>622</b>
Argentina .....	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-	-
Brazil .....	525	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-
Canada .....	559,893	202	35,236	-	-	84	84	-	622	622
Chad .....	-	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	-	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	-	-	-
Spain .....	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-	-
Other .....	0	0	0	-	-	0	0	-	0	0
<b>Total</b> .....	<b>575,320</b>	<b>202</b>	<b>35,236</b>	-	-	<b>84</b>	<b>84</b>	-	<b>622</b>	<b>622</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>10,586</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-November 2012**  
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
<b>OPEC</b> .....	-	-	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	-	-	204	-	-	713	41	36	-	790
Argentina .....	-	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-	-
Canada .....	-	-	-	204	-	-	713	41	36	-	790
Chad .....	-	-	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	-	-	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	-	-	-	-
Spain .....	-	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-	-	-
Other .....	-	-	-	0	-	-	0	0	0	-	0
<b>Total</b> .....	-	-	-	204	-	-	713	41	36	-	790
<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-November 2012**  
(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 .....	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	<b>1</b>	<b>12</b>	-	-	<b>416</b>	<b>101</b>	<b>1,046</b>	<b>1,036</b>	<b>2,183</b>
Argentina .....	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-
Canada .....	1	12	-	-	416	101	1,046	1,036	2,183
Chad .....	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	-	-
Spain .....	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-
Other .....	0	0	-	-	0	0	0	0	0
<b>Total</b> .....	<b>1</b>	<b>12</b>	-	-	<b>416</b>	<b>101</b>	<b>1,046</b>	<b>1,036</b>	<b>2,183</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-November 2012**  
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
<b>OPEC</b> .....	-	-	-	-	-	-	-	-	14,902	44	-	44
Algeria .....	-	-	-	-	-	-	-	-	4,074	12	-	12
Angola .....	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	10,586	32	-	32
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	242	1	-	1
<b>Non-OPEC</b> .....	670	462	20	460	3,073	1,313	41	46,503	606,921	1,673	139	1,812
Argentina .....	-	-	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	525	2	-	2
Brunei .....	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-	-	-
Canada .....	670	462	20	439	2,992	1,313	41	46,401	606,294	1,671	139	1,810
Chad .....	-	-	-	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	72	-	-	72	72	-	0	0
Germany .....	-	-	-	21	-	-	-	21	21	-	0	0
Guatemala .....	-	-	-	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	-	-	-	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	-	-	-	-	-
Spain .....	-	-	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-	-	-	-
Other .....	0	0	0	0	9	0	0	9	9	0	0	0
<b>Total</b> .....	670	462	20	460	3,073	1,313	41	46,503	621,823	1,717	139	1,856
<b>Persian Gulf</b> <sup>3</sup> .....	-	-	-	-	-	-	-	-	10,586	32	-	32

- = 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-November 2012**  
(Thousand Barrels)

Country of Origin	Crude Oil <sup>1,2</sup>	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils <sup>1</sup>	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>OPEC</b> .....	<b>960,607</b>	<b>2,638</b>	<b>94</b>	<b>21,188</b>	-	-	-	-	733	733
Algeria .....	20,571	652	-	14,751	-	-	-	-	-	-
Angola .....	27,037	-	94	3,313	-	-	-	-	-	-
Ecuador .....	7,930	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	95,209	-	-	-	-	-	-	-	-	-
Kuwait .....	100,330	-	-	323	-	-	-	-	-	-
Libya .....	3,644	-	-	526	-	-	-	-	-	-
Nigeria .....	80,981	832	-	976	-	-	-	-	231	231
Qatar .....	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	336,108	-	-	249	-	-	-	-	-	-
United Arab Emirates .....	-	496	-	123	-	-	-	-	-	-
Venezuela .....	288,797	658	-	927	-	-	-	-	502	502
<b>Non-OPEC</b> .....	<b>564,753</b>	<b>7,090</b>	<b>1,219</b>	<b>125,235</b>	-	<b>5,132</b>	<b>5,132</b>	<b>71</b>	<b>7,948</b>	<b>8,019</b>
Argentina .....	-	90	-	31	-	-	-	-	-	-
Aruba .....	-	-	-	1,357	-	-	-	-	191	191
Australia .....	540	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	369	-	50	50	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	22	133	11,905	-	-	-	-	8	8
Brazil .....	50,261	-	256	330	-	44	44	71	325	396
Brunei .....	-	-	-	-	-	-	-	-	-	-
Cameroon .....	400	-	-	569	-	-	-	-	-	-
Canada .....	33,907	-	27	1,957	-	-	-	-	653	653
Chad .....	6,599	-	-	-	-	-	-	-	-	-
China .....	-	-	-	36	-	-	-	-	-	-
Colombia .....	93,396	-	-	992	-	-	-	-	100	100
Congo (Brazzaville) .....	723	-	-	52	-	-	-	-	-	-
Denmark .....	-	63	-	-	-	-	-	-	23	23
Egypt .....	10,930	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	5,969	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	431	-	-	-	-	-	-
Finland .....	-	-	-	42	-	-	-	-	-	-
France .....	-	-	-	1,603	-	-	-	-	74	74
Gabon .....	7,949	-	-	1	-	-	-	-	168	168
Germany .....	-	-	-	14	-	-	-	-	-	-
Guatemala .....	3,449	-	-	-	-	-	-	-	-	-
India .....	-	-	-	547	-	-	-	-	1,204	1,204
Indonesia .....	-	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	672	-	2,779	2,779	-	538	538
Korea, South .....	-	-	-	19	-	-	-	-	440	440
Latvia .....	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-	-
Mexico .....	325,499	2,318	404	1,071	-	-	-	-	1,073	1,073
Netherlands .....	-	121	203	2,069	-	312	312	-	406	406
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-
Norway .....	1,182	-	-	5,584	-	-	-	-	39	39
Oman .....	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	170	-	567	567	-	-	-
Russia .....	5,735	-	-	84,260	-	-	-	-	189	189
Spain .....	-	-	-	128	-	425	425	-	592	592
Sweden .....	-	-	-	621	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	8,065	-	-	3,966	-	-	-	-	-	-
United Kingdom .....	4,558	135	-	1,984	-	828	828	-	248	248
Vietnam .....	438	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	-	661	661
Yemen .....	-	-	-	-	-	-	-	-	-	-
Other .....	5,153	4,341	196	4,455	-	127	127	0	1,016	1,016
<b>Total</b> .....	<b>1,525,360</b>	<b>9,728</b>	<b>1,313</b>	<b>146,423</b>	-	<b>5,132</b>	<b>5,132</b>	<b>71</b>	<b>8,681</b>	<b>8,752</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>531,647</b>	<b>496</b>	-	<b>695</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-November 2012**  
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
<b>OPEC</b> .....	-	-	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	-	178	156	-	-	283	600	477	637	1,997
Argentina .....	-	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	118	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-	-
Canada .....	-	-	-	84	-	-	-	-	74	-	74
Chad .....	-	-	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-	63	63
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	279	-	279
Indonesia .....	-	-	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	600	-	-	600
Korea, South .....	-	-	-	-	-	-	-	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	-	180	180
Netherlands .....	-	-	-	53	-	-	-	-	-	-	-
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	283	-	-	389	672
Spain .....	-	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-	5	5
United Kingdom .....	-	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-	-	-
Other .....	-	-	60	19	-	-	0	0	124	0	124
<b>Total</b> .....	-	-	178	156	-	-	283	600	477	637	1,997
<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-November 2012**  
(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> .....	-	-	-	-	495	1,205	990	479	2,674
Algeria .....	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	661	-	661
Ecuador .....	-	-	-	-	-	-	6	-	6
Iran .....	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	874	-	-	874
Nigeria .....	-	-	-	-	-	331	-	-	331
Qatar .....	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	495	-	-	65	65
United Arab Emirates .....	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	323	414	737
<b>Non-OPEC</b> .....	-	-	-	25	2,980	1,003	5,292	8,626	14,921
Argentina .....	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	19	-	19
Bahrain .....	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	61	231	226	371	828
Brazil .....	-	-	-	-	134	-	521	-	521
Brunel .....	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-
Canada .....	-	-	-	-	750	-	693	962	1,655
Chad .....	-	-	-	-	-	-	323	-	323
China .....	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	25	-	-	420	184	604
Congo (Brazzaville) .....	-	-	-	-	-	-	-	25	25
Denmark .....	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	92	92
Finland .....	-	-	-	-	35	-	46	-	46
France .....	-	-	-	-	57	-	-	180	180
Gabon .....	-	-	-	-	-	-	98	-	98
Germany .....	-	-	-	-	46	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	416	54	-	470
Korea, South .....	-	-	-	-	1,350	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	4,760	4,760
Netherlands .....	-	-	-	-	136	141	118	-	259
Netherlands Antilles .....	-	-	-	-	-	-	12	-	12
Norway .....	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	215	1,105	1,573	2,893
Spain .....	-	-	-	-	118	-	82	-	82
Sweden .....	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	107	35	142
United Kingdom .....	-	-	-	-	-	-	767	83	850
Vietnam .....	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-
Other .....	-	-	-	0	293	0	701	361	1,062
<b>Total</b> .....	-	-	-	25	3,475	2,208	6,282	9,105	17,595
<b>Persian Gulf<sup>3</sup></b> .....	-	-	-	-	495	-	-	65	65

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-November 2012**  
(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>493</b>	<b>8,830</b>	—	<b>190</b>	—	<b>1,815</b>	—	<b>39,150</b>	<b>999,757</b>	<b>2,867</b>	<b>117</b>	<b>2,984</b>
Algeria .....	—	8,777	—	—	—	—	—	24,180	44,751	61	72	134
Angola .....	—	—	—	—	—	—	—	4,068	31,105	81	12	93
Ecuador .....	—	—	—	—	—	—	—	6	7,936	24	0	24
Iran .....	—	—	—	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	95,209	284	—	284
Kuwait .....	—	—	—	121	—	—	—	444	100,774	299	1	301
Libya .....	—	—	—	—	—	—	—	1,400	5,044	11	4	15
Nigeria .....	—	—	—	—	—	—	—	2,370	83,351	242	7	249
Qatar .....	—	—	—	—	—	1,499	—	1,499	1,499	—	4	4
Saudi Arabia .....	55	—	—	—	—	33	—	897	337,005	1,003	3	1,006
United Arab Emirates .....	—	—	—	—	—	—	—	619	619	—	2	2
Venezuela .....	438	53	—	69	—	283	—	3,667	292,464	862	11	873
<b>Non-OPEC</b> .....	<b>8,635</b>	<b>4,331</b>	<b>230</b>	<b>1,515</b>	<b>181</b>	<b>5,250</b>	<b>18</b>	<b>187,365</b>	<b>752,118</b>	<b>1,686</b>	<b>559</b>	<b>2,245</b>
Argentina .....	120	267	—	643	—	12	—	1,164	1,164	—	3	3
Aruba .....	—	—	—	—	—	59	—	1,607	1,607	—	5	5
Australia .....	—	—	—	—	—	—	—	—	540	2	—	2
Bahamas .....	—	—	—	—	—	—	—	438	438	—	1	1
Bahrain .....	—	—	—	—	—	517	—	517	517	—	2	2
Belgium .....	263	—	—	—	—	46	—	13,266	13,266	—	40	40
Brazil .....	447	—	—	172	—	45	—	2,463	52,724	150	7	157
Brunei .....	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	569	969	1	2	3
Canada .....	762	783	—	180	181	28	16	7,150	41,057	101	21	123
Chad .....	—	—	—	—	—	—	—	323	6,922	20	1	21
China .....	—	—	102	—	—	—	—	143	143	—	0	0
Colombia .....	—	—	—	—	—	7	—	1,791	95,187	279	5	284
Congo (Brazzaville) .....	—	—	—	—	—	—	—	77	800	2	0	2
Denmark .....	—	—	—	—	—	—	—	86	86	—	0	0
Egypt .....	—	—	—	—	—	—	—	—	10,930	33	—	33
Equatorial Guinea .....	—	—	—	—	—	—	—	—	5,969	18	—	18
Estonia .....	—	—	—	—	—	—	—	523	523	—	2	2
Finland .....	—	—	—	—	—	—	—	123	123	—	0	0
France .....	139	251	—	—	—	29	—	2,333	2,333	—	7	7
Gabon .....	—	—	—	—	—	—	—	267	8,216	24	1	25
Germany .....	36	—	—	129	—	26	—	326	326	—	1	1
Guatemala .....	—	—	—	—	—	—	—	—	3,449	10	—	10
India .....	56	—	—	—	—	—	—	2,086	2,086	—	6	6
Indonesia .....	—	—	—	—	—	347	—	347	347	—	1	1
Italy .....	89	—	—	—	—	66	—	5,347	5,347	—	16	16
Korea, South .....	1,201	—	—	—	—	3,387	—	6,397	6,397	—	19	19
Latvia .....	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	115	—	—	12	—	127	127	—	0	0
Mexico .....	2,596	—	—	—	—	—	—	12,402	337,901	972	37	1,009
Netherlands .....	393	18	—	—	—	76	—	4,052	4,052	—	12	12
Netherlands Antilles .....	—	—	—	—	—	—	—	12	12	—	0	0
Norway .....	494	623	—	—	—	—	—	6,740	7,922	4	20	24
Oman .....	—	—	—	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	47	—	784	784	—	2	2
Russia .....	401	2,069	—	—	—	87	—	90,579	96,314	17	270	288
Spain .....	2	—	—	250	—	47	—	1,644	1,644	—	5	5
Sweden .....	—	—	—	—	—	—	—	621	621	—	2	2
Syria .....	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	—	4,113	12,178	24	12	36
United Kingdom .....	242	—	—	32	—	137	1	4,457	9,015	14	13	27
Vietnam .....	—	—	—	—	—	—	—	—	438	1	—	1
Virgin Islands, U.S. .....	—	—	—	—	—	—	—	661	661	—	2	2
Yemen .....	—	—	—	—	—	—	—	—	—	—	—	—
Other .....	1,394	320	13	109	0	275	1	13,830	18,983	14	44	56
<b>Total</b> .....	<b>9,128</b>	<b>13,161</b>	<b>230</b>	<b>1,705</b>	<b>181</b>	<b>7,065</b>	<b>18</b>	<b>226,515</b>	<b>1,751,875</b>	<b>4,553</b>	<b>676</b>	<b>5,229</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>55</b>	<b>—</b>	<b>—</b>	<b>121</b>	<b>—</b>	<b>2,049</b>	<b>—</b>	<b>3,976</b>	<b>535,623</b>	<b>1,587</b>	<b>12</b>	<b>1,599</b>

— = 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-November 2012**  
(Thousand Barrels)

Country of Origin	Crude Oil <sup>1,2</sup>	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils <sup>1</sup>	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>PAD District 4</b>										
<b>OPEC</b> .....	-	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	<b>84,484</b>	-	<b>2,976</b>	-	-	<b>6</b>	<b>6</b>	-	-	-
Canada .....	84,484	-	2,976	-	-	6	6	-	-	-
Other .....	0	-	0	-	-	0	0	-	-	-
<b>Total</b> .....	<b>84,484</b>	-	<b>2,976</b>	-	-	<b>6</b>	<b>6</b>	-	-	-
<b>PAD District 5</b>										
<b>OPEC</b> .....	<b>224,209</b>	-	-	<b>5,755</b>	-	-	-	-	-	-
Algeria .....	3,237	-	-	5,659	-	-	-	-	-	-
Angola .....	20,974	-	-	-	-	-	-	-	-	-
Ecuador .....	50,524	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	46,877	-	-	-	-	-	-	-	-	-
Kuwait .....	3,963	-	-	-	-	-	-	-	-	-
Libya .....	5,076	-	-	96	-	-	-	-	-	-
Nigeria .....	2,498	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	88,957	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-
Venezuela .....	2,103	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	<b>170,497</b>	-	<b>1,723</b>	<b>10,649</b>	-	<b>1,147</b>	<b>1,147</b>	<b>330</b>	<b>5,107</b>	<b>5,437</b>
Argentina .....	7,700	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	1,374	-	-	-	-	-	-
Australia .....	1,176	-	-	-	-	-	-	-	-	-
Brazil .....	11,055	-	-	-	-	-	-	-	-	-
Brunei .....	618	-	-	-	-	-	-	-	-	-
Canada .....	62,557	-	1,337	15	-	660	660	-	2,754	2,754
China .....	458	-	-	-	-	-	-	-	-	-
Colombia .....	33,769	-	10	-	-	-	-	-	-	-
Finland .....	-	-	-	58	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-
Indonesia .....	2,022	-	-	172	-	-	-	-	-	-
Japan .....	-	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	54	-	-	98	98	-	407	407
Malaysia .....	-	-	-	-	-	-	-	-	203	203
Mexico .....	-	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	338	-	-	-	-	207	207
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-
Oman .....	3,460	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	-	-	-	-	-	-	-	-	-	-
Peru .....	2,716	-	-	-	-	-	-	-	-	-
Singapore .....	-	-	-	-	-	-	-	-	319	319
Sweden .....	-	-	-	195	-	58	58	-	-	-
Taiwan .....	-	-	-	-	-	-	-	-	247	247
United Kingdom .....	-	-	-	52	-	-	-	330	338	668
Vietnam .....	2,693	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	-	-	-
Other .....	42,273	-	322	8,445	-	331	331	0	632	632
<b>Total</b> .....	<b>394,706</b>	-	<b>1,723</b>	<b>16,404</b>	-	<b>1,147</b>	<b>1,147</b>	<b>330</b>	<b>5,107</b>	<b>5,437</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>139,797</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-November 2012**  
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
<b>PAD District 4</b>											
<b>OPEC</b> .....	-	-	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	-	-	-	-	-	165	487	-	-	652
Canada .....	-	-	-	-	-	-	165	487	-	-	652
Other .....	-	-	-	-	-	-	0	0	-	-	0
<b>Total</b> .....	-	-	-	-	-	-	165	487	-	-	652
<b>PAD District 5</b>											
<b>OPEC</b> .....	-	-	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	-	1,882	1	-	-	2,818	23	425	1	3,267
Argentina .....	-	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	1,264	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-	-
Canada .....	-	-	-	1	-	-	1,619	23	45	-	1,687
China .....	-	-	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-	-
Japan .....	-	-	-	-	-	-	788	-	-	-	788
Korea, South .....	-	-	-	-	-	-	411	-	67	1	479
Malaysia .....	-	-	-	-	-	-	-	-	313	-	313
Mexico .....	-	-	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	-	-	-	-	-	-	-	-	-	-	-
Peru .....	-	-	-	-	-	-	-	-	-	-	-
Singapore .....	-	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-	-	-
Taiwan .....	-	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	-	-	-	-
Other .....	-	-	618	0	-	-	0	0	0	0	0
<b>Total</b> .....	-	-	1,882	1	-	-	2,818	23	425	1	3,267
<b>Persian Gulf</b> <sup>3</sup> .....	-	-	-	-	-	-	-	-	-	-	-

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-November 2012**  
(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> .....	—	—	—	7	—	—	—	—	—
Algeria .....	—	—	—	—	—	—	—	—	—
Angola .....	—	—	—	—	—	—	—	—	—
Ecuador .....	—	—	—	—	—	—	—	—	—
Iran .....	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	—
Kuwait .....	—	—	—	—	—	—	—	—	—
Libya .....	—	—	—	—	—	—	—	—	—
Nigeria .....	—	—	—	—	—	—	—	—	—
Qatar .....	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	—	—	—	—	—	—
United Arab Emirates .....	—	—	—	—	—	—	—	—	—
Venezuela .....	—	—	—	7	—	—	—	—	—
<b>Non-OPEC</b> .....	—	1	—	18	—	—	6	126	132
Canada .....	—	1	—	—	—	—	6	126	132
Other .....	—	0	—	18	—	—	0	0	0
<b>Total</b> .....	—	1	—	25	—	—	6	126	132
<b>PAD District 5</b>									
<b>OPEC</b> .....	—	—	—	—	—	—	—	190	190
Algeria .....	—	—	—	—	—	—	—	—	—
Angola .....	—	—	—	—	—	—	—	—	—
Ecuador .....	—	—	—	—	—	—	—	190	190
Iran .....	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	—
Kuwait .....	—	—	—	—	—	—	—	—	—
Libya .....	—	—	—	—	—	—	—	—	—
Nigeria .....	—	—	—	—	—	—	—	—	—
Qatar .....	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	—	—	—	—	—	—
United Arab Emirates .....	—	—	—	—	—	—	—	—	—
Venezuela .....	—	—	—	—	—	—	—	—	—
<b>Non-OPEC</b> .....	146	2	—	10,895	—	—	515	9,086	9,601
Argentina .....	—	—	—	—	—	—	—	—	—
Aruba .....	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—
Brazil .....	—	—	—	—	—	—	—	—	—
Brunei .....	—	—	—	—	—	—	—	—	—
Canada .....	—	2	—	150	—	—	175	760	935
China .....	—	—	—	—	—	—	—	—	—
Colombia .....	—	—	—	—	—	—	109	—	109
Finland .....	—	—	—	—	—	—	—	—	—
Germany .....	—	—	—	—	—	—	—	—	—
Indonesia .....	—	—	—	—	—	—	—	—	—
Japan .....	146	—	—	982	—	—	—	—	—
Korea, South .....	—	—	—	8,613	—	—	—	—	—
Malaysia .....	—	—	—	310	—	—	—	—	—
Mexico .....	—	—	—	—	—	—	53	5,397	5,450
Netherlands .....	—	—	—	—	—	—	168	—	168
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—
Oman .....	—	—	—	—	—	—	—	—	—
Papua New Guinea .....	—	—	—	—	—	—	—	—	—
Peru .....	—	—	—	—	—	—	—	301	301
Singapore .....	—	—	—	—	—	—	—	—	—
Sweden .....	—	—	—	—	—	—	—	—	—
Taiwan .....	—	—	—	840	—	—	—	—	—
United Kingdom .....	—	—	—	—	—	—	—	—	—
Vietnam .....	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. .....	—	—	—	—	—	—	—	—	—
Other .....	0	0	—	0	—	—	10	2,628	2,638
<b>Total</b> .....	146	2	—	10,895	—	—	515	9,276	9,791
<b>Persian Gulf</b> <sup>3</sup> .....	—	—	—	—	—	—	—	—	—

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-November 2012**  
(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> .....	-	-	-	-	-	-	-	7	7	-	0	0
Algeria .....	-	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	7	7	-	0	0
<b>Non-OPEC</b> .....	-	-	8	82	873	-	12	4,760	89,244	252	14	266
Canada .....	-	-	8	82	873	-	12	4,742	89,226	252	14	266
Other .....	-	-	0	0	0	-	0	18	18	0	0	0
<b>Total</b> .....	-	-	8	82	873	-	12	4,767	89,251	252	14	266
<b>PAD District 5</b>												
<b>OPEC</b> .....	-	-	-	-	32	-	-	5,977	230,186	669	18	687
Algeria .....	-	-	-	-	-	-	-	5,659	8,896	10	17	27
Angola .....	-	-	-	-	-	-	-	-	20,974	63	-	63
Ecuador .....	-	-	-	-	-	-	-	190	50,714	151	1	151
Iran .....	-	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	46,877	140	-	140
Kuwait .....	-	-	-	-	-	-	-	-	3,963	12	-	12
Libya .....	-	-	-	-	-	-	-	96	5,172	15	0	15
Nigeria .....	-	-	-	-	-	-	-	-	2,498	7	-	7
Qatar .....	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	88,957	266	-	266
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	32	-	-	32	2,135	6	0	6
<b>Non-OPEC</b> .....	448	-	348	364	1,062	276	-	47,248	217,745	509	141	650
Argentina .....	-	-	-	-	-	-	-	-	7,700	23	-	23
Aruba .....	-	-	-	-	-	-	-	1,374	1,374	-	4	4
Australia .....	-	-	-	-	-	-	-	-	1,176	4	-	4
Brazil .....	-	-	-	-	-	-	-	1,264	12,319	33	4	37
Brunei .....	-	-	-	-	-	-	-	-	618	2	-	2
Canada .....	-	-	-	364	1,062	52	-	9,019	71,576	187	27	214
China .....	-	-	275	-	-	-	-	275	733	1	1	2
Colombia .....	-	-	-	-	-	-	-	119	33,888	101	0	101
Finland .....	-	-	-	-	-	-	-	58	58	-	0	0
Germany .....	-	-	2	-	-	-	-	2	2	-	0	0
Indonesia .....	-	-	-	-	-	-	-	172	2,194	6	1	7
Japan .....	-	-	65	-	-	5	-	1,986	1,986	-	6	6
Korea, South .....	448	-	-	-	-	218	-	10,317	10,317	-	31	31
Malaysia .....	-	-	2	-	-	-	-	828	828	-	2	2
Mexico .....	-	-	-	-	-	-	-	5,450	5,450	-	16	16
Netherlands .....	-	-	-	-	-	1	-	714	714	-	2	2
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	3,460	10	-	10
Papua New Guinea .....	-	-	-	-	-	-	-	-	-	-	-	-
Peru .....	-	-	-	-	-	-	-	301	3,017	8	1	9
Singapore .....	-	-	-	-	-	-	-	319	319	-	1	1
Sweden .....	-	-	-	-	-	-	-	253	253	-	1	1
Taiwan .....	-	-	-	-	-	-	-	1,087	1,087	-	3	3
United Kingdom .....	-	-	-	-	-	-	-	720	720	-	2	2
Vietnam .....	-	-	-	-	-	-	-	-	2,693	8	-	8
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	-	-	-	-	-
Other .....	0	-	4	0	0	0	-	12,990	55,263	126	39	165
<b>Total</b> .....	448	-	348	364	1,094	276	-	53,225	447,931	1,178	159	1,337
<b>Persian Gulf<sup>3</sup></b> .....	-	-	-	-	-	-	-	-	139,797	417	-	417

- = 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, November 2012**  
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
<b>Crude Oil<sup>1</sup></b> .....	<b>372</b>	<b>1,829</b>	-	-	-	<b>2,201</b>	<b>73</b>
<b>Natural Gas Plant Liquids and Liquefied</b>							
<b>Refinery Gases</b> .....	<b>189</b>	<b>3,345</b>	<b>7,137</b>	<b>334</b>	<b>379</b>	<b>11,384</b>	<b>379</b>
Pentanes Plus .....	20	3,232	37	331	68	3,689	123
Liquefied Petroleum Gases .....	169	112	7,099	3	311	7,695	257
Ethane/Ethylene .....	-	-	-	-	-	-	-
Propane/Propylene .....	166	42	6,485	1	294	6,987	233
Normal Butane/Butylene .....	3	71	615	2	17	708	24
Isobutane/Isobutylene .....	-	-	-	-	-	-	-
<b>Other Liquids</b> .....	<b>40</b>	<b>688</b>	<b>4,948</b>	-	<b>299</b>	<b>5,975</b>	<b>199</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	33	628	2,090	-	85	2,836	95
Hydrogen .....	-	-	-	-	-	-	-
Oxygenates (excluding Fuel Ethanol) .....	7	0	1,796	-	2	1,806	60
Methyl Tertiary Butyl Ether (MTBE) .....	7	-	1,247	-	1	1,254	42
Other Oxygenates .....	0	0	550	-	1	551	18
Renewable Fuels (including Fuel Ethanol) ...	26	627	294	-	83	1,030	34
Fuel Ethanol <sup>2</sup> .....	25	624	249	-	67	965	32
Biomass-Based Diesel .....	1	3	45	-	16	65	2
Other Renewable Diesel .....	-	-	-	-	-	-	-
Other Renewable Fuels .....	-	-	-	-	-	-	-
Other Hydrocarbons .....	-	-	-	-	-	-	-
Motor Gasoline Blend.Comp. (MGBC) .....	6	61	2,858	-	214	3,139	105
Reformulated .....	2	0	364	-	63	429	14
Conventional .....	5	61	2,494	-	151	2,711	90
Aviation Gasoline Blend. Comp. ....	-	-	-	-	-	-	-
<b>Finished Petroleum Products</b> .....	<b>2,701</b>	<b>1,414</b>	<b>69,257</b>	<b>83</b>	<b>9,108</b>	<b>82,563</b>	<b>2,752</b>
Finished Motor Gasoline .....	62	1	13,237	1	1,224	14,524	484
Reformulated .....	-	-	-	-	-	-	-
Conventional .....	62	1	13,237	1	1,224	14,524	484
Finished Aviation Gasoline .....	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel .....	155	139	3,564	-	943	4,801	160
Kerosene .....	1	5	343	-	6	356	12
Distillate Fuel Oil .....	629	88	28,714	-	2,397	31,828	1,061
15 ppm sulfur and under <sup>3</sup> .....	14	6	21,813	-	2,034	23,867	796
Greater than 15 ppm to 500 ppm sulfur <sup>3</sup> .....	613	16	4,245	-	266	5,141	171
Greater than 500 ppm sulfur .....	1	66	2,656	-	98	2,821	94
Residual Fuel Oil .....	794	326	9,492	8	885	11,505	383
Naphtha for Petro. Feed. Use .....	-	-	-	-	-	-	-
Other Oils for Petro. Feed. Use .....	-	-	-	-	-	-	-
Special Naphthas .....	6	14	1,723	59	4	1,806	60
Lubricants .....	134	236	1,375	14	114	1,873	62
Waxes .....	63	40	46	1	6	156	5
Petroleum Coke .....	564	466	10,482	-	3,401	14,912	497
Asphalt and Road Oil .....	277	98	178	1	124	678	23
Miscellaneous Products .....	17	1	104	-	1	123	4
<b>Total</b> .....	<b>3,302</b>	<b>7,276</b>	<b>81,342</b>	<b>418</b>	<b>9,786</b>	<b>102,124</b>	<b>3,404</b>

- = No Data Reported.

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

<sup>2</sup> Exports include industrial alcohol.

<sup>3</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

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

Source: The U.S. Census Bureau.

**Table 50. Year-to-Date Exports of Crude Oil and Petroleum Products by PAD District, January-November 2012**  
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
<b>Crude Oil<sup>1</sup></b> .....	<b>2,979</b>	<b>15,814</b>	<b>1,288</b>	<b>5</b>	<b>0</b>	<b>20,086</b>	<b>60</b>
<b>Natural Gas Plant Liquids and Liquefied</b>							
<b>Refinery Gases</b> .....	<b>2,550</b>	<b>37,075</b>	<b>55,041</b>	<b>3,932</b>	<b>4,854</b>	<b>103,452</b>	<b>309</b>
Pentanes Plus .....	254	33,285	447	3,470	1,022	38,479	115
Liquefied Petroleum Gases .....	2,296	3,791	54,594	462	3,832	64,974	194
Ethane/Ethylene .....	-	-	-	-	-	-	-
Propane/Propylene .....	1,059	544	51,220	11	3,336	56,171	168
Normal Butane/Butylene .....	1,236	3,246	3,374	451	496	8,803	26
Isobutane/Isobutylene .....	-	-	-	-	-	-	-
<b>Other Liquids</b> .....	<b>3,677</b>	<b>8,196</b>	<b>49,762</b>	<b>16</b>	<b>2,913</b>	<b>64,565</b>	<b>193</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	2,030	7,165	29,074	16	1,140	39,425	118
Hydrogen .....	-	-	-	-	-	-	-
Oxygenates (excluding Fuel Ethanol) .....	38	5	20,019	0	366	20,429	61
Methyl Tertiary Butyl Ether (MTBE) .....	31	1	15,007	-	349	15,388	46
Other Oxygenates .....	7	4	5,012	0	17	5,041	15
Renewable Fuels (including Fuel Ethanol) ...	1,992	7,161	9,054	16	774	18,997	57
Fuel Ethanol <sup>2</sup> .....	1,905	5,955	8,138	15	329	16,343	49
Biomass-Based Diesel .....	87	1,206	916	0	445	2,654	8
Other Renewable Diesel .....	-	-	-	-	-	-	-
Other Renewable Fuels .....	-	-	-	-	-	-	-
Other Hydrocarbons .....	-	-	-	-	-	-	-
Motor Gasoline Blend.Comp. (MGBC) .....	1,647	1,031	20,689	0	1,773	25,140	75
Reformulated .....	7	2	3,079	-	425	3,513	10
Conventional .....	1,640	1,029	17,610	0	1,348	21,627	65
Aviation Gasoline Blend. Comp. ....	-	-	-	-	-	-	-
<b>Finished Petroleum Products</b> .....	<b>77,254</b>	<b>17,797</b>	<b>664,456</b>	<b>909</b>	<b>104,648</b>	<b>865,064</b>	<b>2,582</b>
Finished Motor Gasoline .....	1,034	1,047	121,855	49	12,016	136,000	406
Reformulated .....	33	6	667	3	7	715	2
Conventional .....	1,002	1,041	121,188	46	12,009	135,285	404
Finished Aviation Gasoline .....	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel .....	1,027	2,915	26,198	12	12,421	42,574	127
Kerosene .....	412	31	954	7	171	1,575	5
Distillate Fuel Oil .....	44,307	2,034	265,215	4	25,641	337,201	1,007
15 ppm sulfur and under <sup>3</sup> .....	10,379	444	209,283	0	19,171	239,277	714
Greater than 15 ppm to 500 ppm sulfur <sup>3</sup> .....	12,538	994	28,119	4	4,722	46,378	138
Greater than 500 ppm sulfur .....	21,390	596	27,813	-	1,748	51,547	154
Residual Fuel Oil .....	16,283	2,075	98,964	79	8,297	125,698	375
Naphtha for Petro. Feed. Use .....	-	-	-	-	-	-	-
Other Oils for Petro. Feed. Use .....	-	-	-	-	-	-	-
Special Naphthas .....	1,188	126	14,384	405	342	16,445	49
Lubricants .....	2,265	3,205	17,013	141	2,664	25,287	75
Waxes .....	755	429	567	5	69	1,824	5
Petroleum Coke .....	6,835	3,809	114,512	0	41,385	166,542	497
Asphalt and Road Oil .....	2,978	2,118	3,551	205	1,626	10,478	31
Miscellaneous Products .....	171	7	1,244	-	17	1,439	4
<b>Total</b> .....	<b>86,460</b>	<b>78,882</b>	<b>770,548</b>	<b>4,861</b>	<b>112,415</b>	<b>1,053,166</b>	<b>3,144</b>

- = No Data Reported.

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

<sup>2</sup> Exports include industrial alcohol.

<sup>3</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

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

Source: The U.S. Census Bureau.

**Table 51. Exports of Crude Oil and Petroleum Products by Destination, November 2012**  
(Thousand Barrels)

Destination	Crude Oil <sup>1</sup>	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina .....	—	0	0	—	—	116	116	—	—	—
Australia .....	—	0	0	—	—	0	0	0	—	0
Bahamas .....	—	—	5	—	—	161	161	1	4	5
Bahrain .....	—	—	—	—	—	1	1	—	—	—
Belgium .....	—	—	—	—	—	—	—	—	0	0
Belize .....	—	—	0	—	—	—	—	—	0	0
Brazil .....	—	4	578	—	—	1,611	1,611	—	642	642
Canada .....	2,201	3,630	179	—	—	174	174	60	1,051	1,111
Cayman Islands .....	—	—	—	—	—	18	18	—	—	—
Chile .....	—	—	562	—	—	—	—	—	—	—
China .....	—	0	—	—	—	0	0	—	—	—
Colombia .....	—	1	—	—	—	—	—	0	0	1
Costa Rica .....	—	0	240	—	—	490	490	—	0	0
Denmark .....	—	—	—	—	—	—	—	—	—	—
Dominican Republic .....	—	—	658	—	—	264	264	—	—	—
Ecuador .....	—	0	652	—	—	—	—	—	—	—
Egypt .....	—	0	—	—	—	—	—	—	—	—
El Salvador .....	—	—	—	—	—	—	—	—	0	0
Finland .....	—	—	—	—	—	6	6	—	—	—
France .....	—	10	141	—	—	—	—	—	—	—
Germany .....	—	0	—	—	—	—	—	—	—	—
Ghana .....	—	—	—	—	—	—	—	—	—	—
Gibraltar .....	—	—	—	—	—	—	—	—	—	—
Greece .....	—	—	—	—	—	—	—	—	—	—
Guatemala .....	—	—	—	—	—	35	35	0	—	0
Honduras .....	—	—	418	—	—	81	81	—	0	0
Hong Kong .....	—	0	—	—	—	—	—	—	—	—
India .....	—	0	—	—	—	—	—	—	0	0
Indonesia .....	—	—	—	—	—	2	2	—	—	—
Ireland .....	—	—	—	—	—	—	—	—	—	—
Israel .....	—	0	—	—	—	—	—	—	—	—
Italy .....	—	—	—	—	—	—	—	—	—	—
Jamaica .....	—	—	32	—	—	100	100	—	—	—
Japan .....	—	—	—	—	—	1,002	1,002	0	—	0
Korea, South .....	—	0	1	—	—	1	1	0	—	0
Lebanon .....	—	—	—	—	—	—	—	—	—	—
Mexico .....	—	16	2,861	—	—	6,073	6,073	315	1,007	1,323
Montenegro .....	—	—	—	—	—	—	—	—	—	—
Morocco .....	—	—	252	—	—	—	—	—	—	—
Mozambique .....	—	—	—	—	—	—	—	—	—	—
Netherlands .....	—	17	1,013	—	—	—	—	—	—	—
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—	—
New Zealand .....	—	—	—	—	—	0	0	—	0	0
Nicaragua .....	—	1	—	—	—	—	—	—	—	—
Nigeria .....	—	—	—	—	—	519	519	—	—	—
Norway .....	—	0	—	—	—	—	—	—	—	—
Pakistan .....	—	—	—	—	—	—	—	—	—	—
Panama .....	—	—	100	—	—	650	650	—	0	0
Peru .....	—	—	—	—	—	108	108	—	0	0
Philippines .....	—	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	—	—	—
Puerto Rico .....	—	0	—	—	—	0	0	—	0	0
Romania .....	—	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	0	—	—	—	—	—	—	1	1
Serbia .....	—	—	—	—	—	—	—	—	—	—
Singapore .....	—	—	—	—	—	—	—	—	0	0
South Africa .....	—	—	—	—	—	0	0	0	—	0
Spain .....	—	—	0	—	—	—	—	—	—	—
Switzerland .....	—	0	—	—	—	—	—	—	—	—
Taiwan .....	—	0	—	—	—	330	330	—	—	—
Thailand .....	—	—	—	—	—	1	1	—	0	0
Trinidad and Tobago .....	—	—	—	—	—	0	0	—	—	—
Turkey .....	—	—	—	—	—	—	—	—	—	—
United Arab Emirates .....	—	0	—	—	—	—	—	—	0	0
United Kingdom .....	—	0	1	—	—	—	—	—	—	—
Venezuela .....	—	7	—	—	—	2,541	2,541	—	—	—
Other .....	—	3	2	—	—	240	240	53	6	56
<b>Total .....</b>	<b>2,201</b>	<b>3,689</b>	<b>7,695</b>	<b>—</b>	<b>—</b>	<b>14,524</b>	<b>14,524</b>	<b>429</b>	<b>2,711</b>	<b>3,139</b>

See footnotes at end of table.

**Table 51. Exports of Crude Oil and Petroleum Products by Destination, November 2012**  
(Thousand Barrels) — Continued

Destination	Oxygenates		Renewable Fuels				Distillate Fuel Oil <sup>3</sup>				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol <sup>2</sup>	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
Argentina .....	—	0	1	—	—	—	844	—	—	—	844
Australia .....	—	0	0	—	—	—	—	0	—	—	0
Bahamas .....	2	—	—	—	—	—	301	280	20	—	600
Bahrain .....	—	—	—	—	—	—	—	—	—	—	—
Belgium .....	7	0	0	—	—	—	—	—	—	—	—
Belize .....	—	—	0	—	—	—	—	—	—	—	—
Brazil .....	—	—	—	—	—	—	1,270	1,225	1,372	—	3,867
Canada .....	—	0	690	20	—	—	6	51	116	—	173
Cayman Islands .....	—	—	—	—	—	—	38	—	72	—	110
Chile .....	30	—	0	—	—	—	2,996	—	—	—	2,996
China .....	0	0	0	—	—	—	48	—	—	—	48
Colombia .....	—	—	0	—	—	—	2,371	—	—	—	2,371
Costa Rica .....	—	0	0	—	—	—	100	—	—	—	100
Denmark .....	—	0	—	—	—	—	—	—	—	—	—
Dominican Republic .....	—	—	—	—	—	—	26	280	198	—	504
Ecuador .....	—	0	—	—	—	—	739	—	260	—	998
Egypt .....	—	0	—	—	—	—	—	—	—	—	—
El Salvador .....	—	—	—	—	—	—	—	—	—	—	—
Finland .....	—	—	56	—	—	—	—	—	—	—	—
France .....	—	0	—	—	—	—	951	—	—	—	951
Germany .....	—	0	1	—	—	—	18	—	—	—	18
Ghana .....	—	—	—	—	—	—	—	—	—	—	—
Gibraltar .....	—	—	—	—	—	—	644	413	—	—	1,056
Greece .....	—	—	—	—	—	—	—	—	—	—	—
Guatemala .....	—	—	—	—	—	—	—	238	247	—	485
Honduras .....	—	—	0	—	—	—	—	186	47	—	233
Hong Kong .....	—	0	—	—	—	—	1	—	—	—	1
India .....	1	—	—	—	—	—	0	—	—	—	0
Indonesia .....	—	—	—	—	—	—	—	—	—	—	—
Ireland .....	—	—	1	—	—	—	—	—	—	—	—
Israel .....	—	0	0	—	—	—	0	—	—	—	0
Italy .....	—	—	—	—	—	—	—	—	—	—	—
Jamaica .....	—	—	0	—	—	—	—	—	—	—	—
Japan .....	—	549	0	—	—	—	2	—	0	—	2
Korea, South .....	—	—	1	—	—	—	0	—	—	—	0
Lebanon .....	—	—	—	—	—	—	—	—	—	—	—
Mexico .....	447	1	94	1	—	—	4,834	1,096	3	—	5,933
Montenegro .....	—	—	—	—	—	—	—	—	—	—	—
Morocco .....	—	—	—	—	—	—	—	—	—	—	—
Mozambique .....	—	—	—	—	—	—	—	—	—	—	—
Netherlands .....	—	—	16	—	—	—	4,843	271	—	—	5,114
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—	—	—
New Zealand .....	—	—	—	—	—	—	—	—	—	—	—
Nicaragua .....	—	—	—	—	—	—	—	—	—	—	—
Nigeria .....	—	—	0	—	—	—	—	—	—	—	—
Norway .....	—	—	—	36	—	—	2	—	—	—	2
Pakistan .....	—	0	—	—	—	—	—	—	—	—	—
Panama .....	—	—	0	—	—	—	53	629	432	—	1,114
Peru .....	—	0	79	9	—	—	1,592	—	—	—	1,592
Philippines .....	—	—	1	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico .....	—	0	2	—	—	—	—	—	—	—	—
Romania .....	—	—	—	—	—	—	305	—	—	—	305
Saudi Arabia .....	5	0	—	—	—	—	—	—	—	—	—
Serbia .....	—	—	—	—	—	—	—	—	—	—	—
Singapore .....	0	0	0	—	—	—	—	—	46	—	46
South Africa .....	—	0	—	—	—	—	—	—	—	—	—
Spain .....	—	—	—	—	—	—	—	200	—	—	200
Switzerland .....	—	0	—	—	—	—	—	—	—	—	—
Taiwan .....	—	—	0	—	—	—	—	—	—	—	—
Thailand .....	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	—	—	—	—	—
Turkey .....	—	—	—	—	—	—	633	—	—	—	633
United Arab Emirates .....	—	—	—	—	—	—	0	—	—	—	0
United Kingdom .....	—	0	0	—	—	—	598	—	—	—	598
Venezuela .....	750	0	0	—	—	—	—	—	—	—	—
Other .....	12	1	23	0	—	—	652	272	8	—	934
<b>Total .....</b>	<b>1,254</b>	<b>551</b>	<b>965</b>	<b>65</b>	<b>—</b>	<b>—</b>	<b>23,867</b>	<b>5,141</b>	<b>2,821</b>	<b>—</b>	<b>31,828</b>

See footnotes at end of table.

**Table 51. Exports of Crude Oil and Petroleum Products by Destination, November 2012**  
(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 .....	—	—	—	25	—	—	—	—
Australia .....	0	—	—	—	0	—	—	—
Bahamas .....	0	—	—	36	55	627	—	—
Bahrain .....	—	—	—	—	—	0	—	—
Belgium .....	—	—	—	—	—	—	—	—
Belize .....	—	—	—	—	—	—	—	—
Brazil .....	—	—	—	—	—	—	—	—
Canada .....	348	—	—	1,519	75	777	—	—
Cayman Islands .....	—	—	—	5	—	—	—	—
Chile .....	0	—	—	286	6	—	—	—
China .....	0	—	—	—	1,015	253	—	—
Colombia .....	—	—	—	90	95	—	—	—
Costa Rica .....	0	—	—	60	0	0	—	—
Denmark .....	—	—	—	—	—	—	—	—
Dominican Republic .....	0	—	—	27	3	—	—	—
Ecuador .....	—	—	—	—	—	0	—	—
Egypt .....	—	—	—	—	0	—	—	—
El Salvador .....	—	—	—	—	—	566	—	—
Finland .....	—	—	—	304	—	—	—	—
France .....	—	—	—	—	—	—	—	—
Germany .....	—	—	—	—	—	—	—	—
Ghana .....	—	—	—	—	—	—	—	—
Gibraltar .....	—	—	—	—	—	—	—	—
Greece .....	—	—	—	—	—	—	—	—
Guatemala .....	—	—	—	32	0	105	—	—
Honduras .....	—	—	—	58	—	240	—	—
Hong Kong .....	—	—	—	—	0	—	—	—
India .....	—	—	—	—	0	—	—	—
Indonesia .....	—	—	—	—	—	—	—	—
Ireland .....	—	—	—	—	—	—	—	—
Israel .....	0	—	—	317	1	—	—	—
Italy .....	—	—	—	—	0	—	—	—
Jamaica .....	—	—	—	—	0	260	—	—
Japan .....	0	—	—	—	527	0	—	—
Korea, South .....	—	—	—	—	0	—	—	—
Lebanon .....	—	—	—	—	—	—	—	—
Mexico .....	5	—	—	—	20	1,445	—	—
Montenegro .....	—	—	—	—	—	—	—	—
Morocco .....	—	—	—	—	—	310	—	—
Mozambique .....	—	—	—	—	—	—	—	—
Netherlands .....	0	—	—	840	0	979	—	—
Netherlands Antilles .....	—	—	—	—	—	—	—	—
New Zealand .....	—	—	—	—	—	0	—	—
Nicaragua .....	0	—	—	—	—	—	—	—
Nigeria .....	—	—	—	—	—	—	—	—
Norway .....	—	—	—	—	—	—	—	—
Pakistan .....	—	—	—	—	—	—	—	—
Panama .....	0	—	—	239	—	1,870	—	—
Peru .....	—	—	—	—	—	—	—	—
Philippines .....	—	—	—	—	0	0	—	—
Portugal .....	—	—	—	—	—	—	—	—
Puerto Rico .....	0	—	—	—	3	—	—	—
Romania .....	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	—	4	—	—	—
Serbia .....	—	—	—	—	—	—	—	—
Singapore .....	—	—	—	—	0	3,728	—	—
South Africa .....	—	—	—	18	—	—	—	—
Spain .....	—	—	—	—	—	—	—	—
Switzerland .....	—	—	—	—	—	—	—	—
Taiwan .....	0	—	—	—	0	—	—	—
Thailand .....	—	—	—	—	—	0	—	—
Trinidad and Tobago .....	0	—	—	—	—	—	—	—
Turkey .....	0	—	—	—	—	—	—	—
United Arab Emirates .....	—	—	—	—	0	—	—	—
United Kingdom .....	—	—	—	938	0	283	—	—
Venezuela .....	—	—	—	—	—	0	—	—
Other .....	3	—	—	7	2	62	—	—
<b>Total .....</b>	<b>356</b>	<b>—</b>	<b>—</b>	<b>4,801</b>	<b>1,806</b>	<b>11,505</b>	<b>—</b>	<b>—</b>

See footnotes at end of table.

**Table 51. Exports of Crude Oil and Petroleum Products by Destination, November 2012**  
(Thousand Barrels) — Continued

Destination	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
Argentina .....	0	0	0	50	—	1,035	1,035	—	35	35
Australia .....	0	144	—	27	—	171	171	—	6	6
Bahamas .....	—	—	1	1	0	1,492	1,492	—	50	50
Bahrain .....	—	—	—	1	—	2	2	—	0	0
Belgium .....	2	139	—	129	—	278	278	—	9	9
Belize .....	—	—	—	1	—	1	1	—	0	0
Brazil .....	1	688	43	230	1	7,664	7,664	—	255	255
Canada .....	99	687	272	297	7	10,059	12,260	73	335	409
Cayman Islands .....	—	—	—	1	—	133	133	—	4	4
Chile .....	2	0	55	90	—	4,028	4,028	—	134	134
China .....	1	2,425	34	23	1	3,801	3,801	—	127	127
Colombia .....	0	0	0	82	0	2,640	2,640	—	88	88
Costa Rica .....	0	—	—	20	0	912	912	—	30	30
Denmark .....	0	152	—	0	—	152	152	—	5	5
Dominican Republic .....	0	—	—	8	—	1,463	1,463	—	49	49
Ecuador .....	—	0	1	34	—	1,686	1,686	—	56	56
Egypt .....	0	—	0	0	—	1	1	—	0	0
El Salvador .....	—	—	—	9	—	576	576	—	19	19
Finland .....	—	—	—	2	—	369	369	—	12	12
France .....	1	508	—	23	0	1,634	1,634	—	54	54
Germany .....	1	0	6	4	1	30	30	—	1	1
Ghana .....	—	—	—	0	—	0	0	—	0	0
Gibraltar .....	—	—	—	—	—	1,056	1,056	—	35	35
Greece .....	—	839	—	0	—	840	840	—	28	28
Guatemala .....	—	147	0	17	—	822	822	—	27	27
Honduras .....	—	204	—	8	—	1,242	1,242	—	41	41
Hong Kong .....	0	—	—	3	0	4	4	—	0	0
India .....	1	2,001	0	93	0	2,097	2,097	—	70	70
Indonesia .....	0	—	6	1	0	8	8	—	0	0
Ireland .....	—	—	—	0	1	2	2	—	0	0
Israel .....	0	0	—	5	—	324	324	—	11	11
Italy .....	0	840	0	1	—	841	841	—	28	28
Jamaica .....	—	—	0	28	1	420	420	—	14	14
Japan .....	2	1,997	0	9	2	4,092	4,092	—	136	136
Korea, South .....	0	268	14	4	0	290	290	—	10	10
Lebanon .....	—	—	—	1	—	1	1	—	0	0
Mexico .....	33	1,133	234	379	104	20,101	20,101	—	670	670
Montenegro .....	—	—	—	—	—	—	—	—	—	—
Morocco .....	—	380	—	7	—	949	949	—	32	32
Mozambique .....	—	36	—	0	—	36	36	—	1	1
Netherlands .....	1	327	0	16	1	8,325	8,325	—	277	277
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—	—
New Zealand .....	—	—	—	0	—	1	1	—	0	0
Nicaragua .....	—	—	—	9	—	10	10	—	0	0
Nigeria .....	—	—	0	2	—	521	521	—	17	17
Norway .....	0	172	0	0	—	211	211	—	7	7
Pakistan .....	—	—	—	0	—	0	0	—	0	0
Panama .....	0	127	—	13	—	4,113	4,113	—	137	137
Peru .....	0	1	2	56	—	1,846	1,846	—	62	62
Philippines .....	0	0	—	2	0	3	3	—	0	0
Portugal .....	0	—	—	—	—	0	0	—	0	0
Puerto Rico .....	0	—	0	13	—	19	19	—	1	1
Romania .....	—	—	—	0	—	305	305	—	10	10
Saudi Arabia .....	—	14	—	2	0	26	26	—	1	1
Serbia .....	—	—	—	—	—	—	—	—	—	—
Singapore .....	0	0	0	24	—	3,800	3,800	—	127	127
South Africa .....	1	44	—	1	—	63	63	—	2	2
Spain .....	0	602	—	1	—	803	803	—	27	27
Switzerland .....	—	—	—	0	—	0	0	—	0	0
Taiwan .....	10	264	2	6	0	613	613	—	20	20
Thailand .....	0	—	2	2	0	5	5	—	0	0
Trinidad and Tobago .....	—	0	0	42	0	43	43	—	1	1
Turkey .....	—	255	0	1	0	890	890	—	30	30
United Arab Emirates .....	—	0	0	6	—	7	7	—	0	0
United Kingdom .....	0	0	0	4	0	1,825	1,825	—	61	61
Venezuela .....	—	—	1	39	—	3,338	3,338	—	111	111
Other .....	1	518	5	46	4	1,903	1,904	—	68	67
<b>Total .....</b>	<b>156</b>	<b>14,912</b>	<b>678</b>	<b>1,873</b>	<b>123</b>	<b>99,922</b>	<b>102,124</b>	<b>73</b>	<b>3,331</b>	<b>3,404</b>

— = No Data Reported.

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

<sup>2</sup> Exports include industrial alcohol.

<sup>3</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under. Exports of distillate fuel oil with sulfur content greater than 500 ppm to 2000 ppm may include distillate fuel oil with sulfur content greater than 2000 ppm. This is due to product detail limitations in exports data received from the U.S. Census Bureau.

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

Source: The U.S. Census Bureau.

**Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-November 2012**  
(Thousand Barrels)

Destination	Crude Oil <sup>1</sup>	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina .....	-	3	2	-	-	1,361	1,361	-	-	-
Australia .....	-	1	6	-	1	3	4	0	1	1
Bahamas .....	-	0	110	-	4	1,223	1,227	3	519	522
Bahrain .....	-	-	-	-	1	4	4	-	0	0
Belgium .....	-	4	303	-	-	248	248	-	30	30
Belize .....	-	-	0	-	-	96	96	-	1	1
Brazil .....	-	28	4,864	-	-	5,611	5,611	-	2,947	2,947
Canada .....	20,080	37,871	6,554	-	14	4,118	4,131	410	5,434	5,844
Cayman Islands .....	-	0	10	-	0	276	276	-	-	-
Chile .....	-	1	5,825	-	-	2,844	2,844	0	0	0
China .....	-	18	1,100	-	0	1	1	-	4	4
Colombia .....	-	4	0	-	-	2,266	2,266	0	99	100
Costa Rica .....	-	2	1,540	-	147	5,536	5,683	-	237	237
Denmark .....	-	0	1	-	-	-	-	-	0	0
Dominican Republic .....	-	1	5,594	-	-	624	624	1	1	2
Ecuador .....	-	2	4,407	-	-	3,074	3,074	-	25	25
Egypt .....	-	1	42	-	-	-	-	-	-	-
El Salvador .....	-	0	0	-	-	507	507	-	3	3
Finland .....	-	0	-	-	-	16	16	-	9	9
France .....	-	108	1,843	-	1	1	2	0	1	1
Germany .....	-	2	4	-	-	0	0	0	1	1
Ghana .....	-	-	-	-	-	-	-	-	-	-
Gibraltar .....	-	-	550	-	-	-	-	-	-	-
Greece .....	-	0	-	-	-	-	-	-	0	0
Guatemala .....	-	1	35	-	-	5,923	5,923	0	15	15
Honduras .....	-	0	3,798	-	5	2,555	2,560	-	6	6
Hong Kong .....	-	1	0	-	-	-	-	-	-	-
India .....	-	2	1	-	-	1	1	0	0	0
Indonesia .....	-	-	-	-	-	10	10	-	-	-
Ireland .....	-	-	-	-	-	0	0	-	0	0
Israel .....	-	1	1	-	6	701	708	-	0	0
Italy .....	-	0	1	-	-	-	-	-	0	0
Jamaica .....	-	1	73	-	0	621	621	-	4	4
Japan .....	-	0	2,726	-	1	1,616	1,616	1	2	2
Korea, South .....	-	0	661	-	-	14	14	0	5	5
Lebanon .....	-	-	-	-	-	0	0	-	-	-
Mexico .....	5	219	15,459	-	474	69,788	70,262	2,504	10,530	13,033
Montenegro .....	-	-	-	-	-	-	-	-	-	-
Morocco .....	-	-	618	-	-	-	-	-	-	-
Mozambique .....	-	-	-	-	-	300	300	-	-	-
Netherlands .....	-	166	3,934	-	-	314	314	1	41	42
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-
New Zealand .....	-	0	5	-	0	0	0	-	0	0
Nicaragua .....	-	1	-	-	-	1	1	-	3	3
Nigeria .....	-	-	0	-	-	1,334	1,334	-	-	-
Norway .....	-	0	-	-	-	-	-	0	0	0
Pakistan .....	-	0	-	-	-	-	-	-	-	-
Panama .....	-	1	1,129	-	-	6,625	6,625	-	2	2
Peru .....	-	5	5	-	0	1,121	1,121	-	4	4
Philippines .....	-	-	1	-	-	28	28	-	0	0
Portugal .....	-	-	-	-	-	1	1	-	-	-
Puerto Rico .....	-	2	6	-	45	27	72	1	39	40
Romania .....	-	0	-	-	-	0	0	-	0	0
Saudi Arabia .....	-	0	2	-	-	3	3	-	1	1
Serbia .....	-	-	-	-	-	-	-	-	-	-
Singapore .....	-	1	0	-	0	277	277	-	1	1
South Africa .....	-	-	-	-	-	17	17	0	-	0
Spain .....	-	-	574	-	-	413	413	-	0	0
Switzerland .....	-	0	-	-	-	-	-	-	-	-
Taiwan .....	-	2	261	-	-	1,104	1,104	-	-	-
Thailand .....	-	0	0	-	2	14	16	-	0	0
Trinidad and Tobago .....	-	1	2	-	0	1,304	1,305	-	0	0
Turkey .....	-	1	-	-	-	3	3	-	1	1
United Arab Emirates .....	-	1	1	-	-	2	2	-	2	2
United Kingdom .....	-	2	568	-	3	40	43	0	3	3
Venezuela .....	-	16	1,652	-	-	9,677	9,677	-	1,370	1,370
Other .....	1	9	706	-	11	3,642	3,654	592	286	879
<b>Total .....</b>	<b>20,086</b>	<b>38,479</b>	<b>64,974</b>	<b>-</b>	<b>715</b>	<b>135,285</b>	<b>136,000</b>	<b>3,513</b>	<b>21,627</b>	<b>25,140</b>

See footnotes at end of table.



**Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-November 2012**  
(Thousand Barrels) — Continued

Destination	Oxygenates		Renewable Fuels				Distillate Fuel Oil <sup>3</sup>				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol <sup>2</sup>	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 .....	46	0	4	—	—	—	6,774	1,956	1,339	—	10,070
Australia .....	0	0	3	136	—	—	—	1	—	—	1
Bahamas .....	2	1	1	0	—	—	704	2,296	612	—	3,611
Bahrain .....	—	—	0	—	—	—	—	—	—	—	—
Belgium .....	69	3	58	—	—	—	1,949	462	—	—	2,411
Belize .....	—	0	0	—	—	—	—	147	—	—	147
Brazil .....	—	0	1,955	0	—	—	8,531	2,998	12,824	—	24,353
Canada .....	—	2	6,565	1,660	—	—	518	1,840	1,267	—	3,625
Cayman Islands .....	—	—	0	—	—	—	329	157	161	—	647
Chile .....	1,327	0	10	—	—	—	31,456	1,480	312	—	33,248
China .....	3	0	1	0	—	—	167	2	1	—	169
Colombia .....	—	0	2	0	—	—	17,338	1,333	894	—	19,566
Costa Rica .....	24	0	1	—	—	—	5,931	101	—	—	6,032
Denmark .....	—	0	—	—	—	—	—	—	—	—	—
Dominican Republic .....	—	—	3	—	—	—	1,169	2,387	732	—	4,288
Ecuador .....	—	0	0	53	—	—	6,030	2,319	2,017	—	10,366
Egypt .....	—	0	3	—	—	—	—	—	839	—	839
El Salvador .....	—	0	—	—	—	—	311	0	218	—	529
Finland .....	—	0	669	—	—	—	0	—	—	—	0
France .....	—	2	0	—	—	—	19,901	587	208	—	20,697
Germany .....	0	0	9	—	—	—	2,797	0	0	—	2,798
Ghana .....	—	—	26	—	—	—	—	312	0	—	312
Gibraltar .....	—	—	—	—	—	—	12,467	1,158	8,826	—	22,451
Greece .....	—	—	—	—	—	—	—	0	—	—	0
Guatemala .....	—	0	—	0	—	—	1,295	2,322	2,605	—	6,222
Honduras .....	—	—	0	—	—	—	313	1,926	1,252	—	3,492
Hong Kong .....	—	0	1	1	—	—	2	0	—	—	2
India .....	2	3	5	—	—	—	0	16	—	—	16
Indonesia .....	—	0	—	—	—	—	—	—	—	—	—
Ireland .....	—	—	32	—	—	—	433	—	—	—	433
Israel .....	0	0	14	0	—	—	0	0	0	—	0
Italy .....	—	0	—	—	—	—	1,326	0	—	—	1,326
Jamaica .....	—	—	367	—	—	—	192	145	75	—	412
Japan .....	1	4,332	2	—	—	—	3	0	0	—	4
Korea, South .....	1	0	243	—	—	—	0	0	—	—	0
Lebanon .....	—	—	2	—	—	—	—	—	339	—	339
Mexico .....	7,634	388	842	1	—	—	37,236	5,672	1,127	—	44,035
Montenegro .....	—	—	—	—	—	—	—	—	—	—	—
Morocco .....	—	—	—	—	—	—	545	—	—	—	545
Mozambique .....	—	—	—	—	—	—	—	314	—	—	314
Netherlands .....	—	0	1,334	81	—	—	42,051	3,569	3,611	—	49,231
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—	—	—
New Zealand .....	—	0	1	—	—	—	—	—	—	—	—
Nicaragua .....	—	—	0	—	—	—	—	0	—	—	0
Nigeria .....	—	—	358	—	—	—	—	—	1,164	—	1,164
Norway .....	—	—	19	456	—	—	344	—	—	—	344
Pakistan .....	—	0	0	—	—	—	—	0	—	—	0
Panama .....	—	0	0	—	—	—	4,429	5,447	5,409	—	15,285
Peru .....	—	0	672	9	—	—	11,020	307	1,196	—	12,523
Philippines .....	—	0	100	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico .....	1	2	45	—	—	—	—	0	0	—	0
Romania .....	—	—	—	—	—	—	1,203	—	—	—	1,203
Saudi Arabia .....	25	0	3	—	—	—	0	0	—	—	1
Serbia .....	—	—	—	—	—	—	—	—	—	—	—
Singapore .....	0	8	18	—	—	—	414	76	840	—	1,330
South Africa .....	—	0	1	—	—	—	—	0	—	—	0
Spain .....	0	295	—	—	—	—	5,518	987	—	—	6,505
Switzerland .....	0	0	1	—	—	—	354	—	—	—	354
Taiwan .....	0	0	1	173	—	—	—	1	—	—	1
Thailand .....	—	0	0	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	0	0	84	—	—	89	—	200	—	290
Turkey .....	—	0	1	—	—	—	5,943	321	—	—	6,265
United Arab Emirates .....	—	0	750	0	—	—	0	0	—	—	0
United Kingdom .....	—	0	1,598	—	—	—	4,327	136	300	—	4,763
Venezuela .....	6,070	0	3	—	—	—	590	7	1,267	—	1,863
Other .....	183	5	620	—	—	—	5,278	5,596	1,912	—	12,779
<b>Total .....</b>	<b>15,388</b>	<b>5,041</b>	<b>16,343</b>	<b>2,654</b>	<b>—</b>	<b>—</b>	<b>239,277</b>	<b>46,378</b>	<b>51,547</b>	<b>—</b>	<b>337,201</b>

See footnotes at end of table.

**Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-November 2012**  
(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 .....	0	—	—	471	0	5,226	—	—
Australia .....	1	—	—	2	12	1	—	—
Bahamas .....	0	—	—	527	779	6,934	—	—
Bahrain .....	—	—	—	0	—	0	—	—
Belgium .....	—	—	—	—	0	0	—	—
Belize .....	0	—	—	52	—	20	—	—
Brazil .....	2	—	—	534	375	393	—	—
Canada .....	1,302	—	—	18,536	602	8,699	—	—
Cayman Islands .....	—	—	—	82	240	—	—	—
Chile .....	10	—	—	1,303	328	1,145	—	—
China .....	1	—	—	0	2,223	795	—	—
Colombia .....	2	—	—	284	1,314	0	—	—
Costa Rica .....	2	—	—	678	6	161	—	—
Denmark .....	—	—	—	—	—	0	—	—
Dominican Republic .....	0	—	—	732	552	449	—	—
Ecuador .....	—	—	—	—	14	2,274	—	—
Egypt .....	—	—	—	—	0	570	—	—
El Salvador .....	0	—	—	128	85	854	—	—
Finland .....	0	—	—	304	2	0	—	—
France .....	—	—	—	429	299	0	—	—
Germany .....	0	—	—	0	0	0	—	—
Ghana .....	—	—	—	—	—	—	—	—
Gibraltar .....	—	—	—	1,275	316	5,977	—	—
Greece .....	—	—	—	29	—	0	—	—
Guatemala .....	29	—	—	661	43	1,243	—	—
Honduras .....	58	—	—	479	4	4,249	—	—
Hong Kong .....	0	—	—	—	0	1	—	—
India .....	0	—	—	—	22	0	—	—
Indonesia .....	0	—	—	0	1	472	—	—
Ireland .....	—	—	—	—	0	—	—	—
Israel .....	0	—	—	1,923	15	1	—	—
Italy .....	—	—	—	13	0	1	—	—
Jamaica .....	0	—	—	0	1	3,060	—	—
Japan .....	1	—	—	—	1,283	399	—	—
Korea, South .....	—	—	—	—	2	0	—	—
Lebanon .....	0	—	—	1	—	—	—	—
Mexico .....	67	—	—	1,037	1,073	9,415	—	—
Montenegro .....	—	—	—	—	—	—	—	—
Morocco .....	—	—	—	—	—	3,419	—	—
Mozambique .....	—	—	—	—	—	—	—	—
Netherlands .....	11	—	—	1,267	2,210	14,785	—	—
Netherlands Antilles .....	—	—	—	—	—	—	—	—
New Zealand .....	—	—	—	—	0	0	—	—
Nicaragua .....	0	—	—	0	—	0	—	—
Nigeria .....	—	—	—	2,772	—	219	—	—
Norway .....	—	—	—	782	—	—	—	—
Pakistan .....	1	—	—	18	—	—	—	—
Panama .....	0	—	—	3,850	0	14,011	—	—
Peru .....	1	—	—	689	43	5	—	—
Philippines .....	—	—	—	—	2	0	—	—
Portugal .....	—	—	—	—	—	—	—	—
Puerto Rico .....	0	—	—	0	15	147	—	—
Romania .....	3	—	—	—	—	0	—	—
Saudi Arabia .....	—	—	—	—	17	0	—	—
Serbia .....	—	—	—	—	—	—	—	—
Singapore .....	—	—	—	0	6	33,104	—	—
South Africa .....	—	—	—	40	0	0	—	—
Spain .....	—	—	—	—	299	40	—	—
Switzerland .....	—	—	—	—	—	—	—	—
Taiwan .....	0	—	—	—	3	71	—	—
Thailand .....	1	—	—	0	3	1	—	—
Trinidad and Tobago .....	0	—	—	41	1	305	—	—
Turkey .....	2	—	—	2	0	354	—	—
United Arab Emirates .....	0	—	—	—	6	0	—	—
United Kingdom .....	1	—	—	2,752	1	2,275	—	—
Venezuela .....	—	—	—	—	3,463	1	—	—
Other .....	80	—	—	881	785	4,622	—	—
<b>Total .....</b>	<b>1,575</b>	<b>—</b>	<b>—</b>	<b>42,574</b>	<b>16,445</b>	<b>125,698</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-November 2012**  
(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 .....	4	1	5	365	0	17,557	17,557	—	52	52
Australia .....	2	2,566	4	319	2	3,062	3,062	—	9	9
Bahamas .....	—	—	11	20	71	13,816	13,816	—	41	41
Bahrain .....	0	299	—	12	—	315	315	—	1	1
Belgium .....	24	2,461	3	1,388	1	7,004	7,004	—	21	21
Belize .....	0	2	—	14	8	340	340	—	1	1
Brazil .....	9	11,835	580	2,691	15	56,193	56,193	—	168	168
Canada .....	1,102	8,768	4,016	5,137	46	114,461	134,542	60	342	402
Cayman Islands .....	—	—	3	10	38	1,306	1,306	—	4	4
Chile .....	28	1,587	969	981	1	49,606	49,606	—	148	148
China .....	25	23,630	300	289	6	28,566	28,566	—	85	85
Colombia .....	3	18	7	977	2	24,547	24,547	—	73	73
Costa Rica .....	1	176	257	188	557	15,546	15,546	—	46	46
Denmark .....	1	772	0	1	0	775	775	—	2	2
Dominican Republic .....	1	480	420	156	7	13,310	13,310	—	40	40
Ecuador .....	1	475	34	407	0	21,131	21,131	—	63	63
Egypt .....	1	3	2	5	—	1,466	1,466	—	4	4
El Salvador .....	0	181	—	238	—	2,525	2,525	—	8	8
Finland .....	—	264	1	62	0	1,328	1,328	—	4	4
France .....	15	2,187	7	463	0	26,053	26,053	—	78	78
Germany .....	17	1,345	72	321	9	4,579	4,579	—	14	14
Ghana .....	—	—	0	2	—	340	340	—	1	1
Gibraltar .....	—	—	—	—	—	30,570	30,570	—	91	91
Greece .....	—	3,794	0	3	—	3,826	3,826	—	11	11
Guatemala .....	1	960	32	217	45	15,429	15,429	—	46	46
Honduras .....	0	627	32	115	—	15,421	15,421	—	46	46
Hong Kong .....	6	—	24	14	2	52	52	—	0	0
India .....	77	11,504	6	373	1	12,013	12,013	—	36	36
Indonesia .....	1	0	45	22	0	552	552	—	2	2
Ireland .....	—	824	—	1	10	1,300	1,300	—	4	4
Israel .....	0	1,511	—	492	0	4,667	4,667	—	14	14
Italy .....	4	8,568	6	223	1	10,141	10,141	—	30	30
Jamaica .....	—	1	1	82	2	4,625	4,625	—	14	14
Japan .....	17	19,005	9	202	30	29,629	29,629	—	88	88
Korea, South .....	3	4,287	88	86	4	5,394	5,394	—	16	16
Lebanon .....	0	1,347	—	10	—	1,700	1,700	—	5	5
Mexico .....	398	15,439	1,610	4,209	390	185,512	185,517	0	554	554
Montenegro .....	—	—	—	—	—	—	—	—	—	—
Morocco .....	0	3,964	—	18	—	8,564	8,564	—	26	26
Mozambique .....	—	774	0	0	—	1,388	1,388	—	4	4
Netherlands .....	28	3,298	443	67	31	77,240	77,240	—	231	231
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—	—
New Zealand .....	0	518	0	19	—	544	544	—	2	2
Nicaragua .....	—	—	0	72	—	78	78	—	0	0
Nigeria .....	0	—	5	688	—	6,541	6,541	—	20	20
Norway .....	1	1,192	11	4	—	2,808	2,808	—	8	8
Pakistan .....	0	0	0	6	0	26	26	—	0	0
Panama .....	0	331	178	202	0	41,614	41,614	—	124	124
Peru .....	1	192	14	726	1	16,012	16,012	—	48	48
Philippines .....	0	165	0	17	2	315	315	—	1	1
Portugal .....	0	1,224	—	1	—	1,226	1,226	—	4	4
Puerto Rico .....	1	1	417	151	0	902	902	—	3	3
Romania .....	—	1,052	—	3	—	2,262	2,262	—	7	7
Saudi Arabia .....	0	162	—	175	2	391	391	—	1	1
Serbia .....	—	—	—	—	—	—	—	—	—	—
Singapore .....	1	1	295	676	1	35,718	35,718	—	107	107
South Africa .....	8	725	9	219	—	1,019	1,019	—	3	3
Spain .....	5	7,620	0	20	0	15,772	15,772	—	47	47
Switzerland .....	0	275	—	3	—	634	634	—	2	2
Taiwan .....	11	1,327	30	68	2	3,054	3,054	—	9	9
Thailand .....	1	573	34	41	3	675	675	—	2	2
Trinidad and Tobago .....	0	1	1	579	1	2,610	2,610	—	8	8
Turkey .....	0	11,053	0	140	0	17,823	17,823	—	53	53
United Arab Emirates .....	1	113	5	251	0	1,133	1,133	—	3	3
United Kingdom .....	18	1,615	14	156	1	13,811	13,811	—	41	41
Venezuela .....	2	635	6	238	1	24,999	24,999	—	75	75
Other .....	5	4,814	472	652	146	31,265	31,264	—	93	93
<b>Total .....</b>	<b>1,824</b>	<b>166,542</b>	<b>10,478</b>	<b>25,287</b>	<b>1,439</b>	<b>1,033,081</b>	<b>1,053,166</b>	<b>60</b>	<b>3,084</b>	<b>3,144</b>

— = No Data Reported.

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

<sup>2</sup> Exports include industrial alcohol.

<sup>3</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under. Exports of distillate fuel oil with sulfur content greater than 500 ppm to 2000 ppm may include distillate fuel oil with sulfur content greater than 2000 ppm. This is due to product detail limitations in exports data received from the U.S. Census Bureau.

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

Source: The U.S. Census Bureau.

**Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, November 2012**  
(Thousand Barrels per Day)

Country of Origin	Crude Oil <sup>1</sup>	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>OPEC</b> .....	<b>3,967</b>	<b>0</b>	<b>-22</b>	<b>97</b>	<b>-</b>	<b>-102</b>	<b>-102</b>	<b>-</b>	<b>38</b>	<b>38</b>
Algeria .....	85	-	-	74	-	-	-	-	-	-
Angola .....	145	-	-	13	-	-	-	-	-	-
Ecuador .....	136	0	-22	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	489	-	-	-	-	-	-	-	-	-
Kuwait .....	276	-	-	-	-	-	-	-	-	-
Libya .....	0	-	-	10	-	-	-	-	-	-
Nigeria .....	485	-	-	-	-	-17	-17	-	16	16
Qatar .....	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	1,319	0	-	-	-	-	-	-	0	0
United Arab Emirates .....	-	0	-	-	-	-	-	-	0	0
Venezuela .....	1,032	0	-	-	-	-85	-85	-	23	23
<b>Non-OPEC</b> .....	<b>4,090</b>	<b>-101</b>	<b>-79</b>	<b>505</b>	<b>-</b>	<b>-350</b>	<b>-350</b>	<b>99</b>	<b>233</b>	<b>332</b>
Argentina .....	12	0	0	-	-	-4	-4	-	-	-
Aruba .....	-	-	-	-	-	-1	-1	0	-	0
Australia .....	19	0	0	-	-	0	0	0	-	0
Bahamas .....	-	-	0	-	-	-5	-5	0	0	0
Bahrain .....	-	-	-	-	-	0	0	-	-	-
Belgium .....	-	-	1	43	-	-	-	0	6	6
Brazil .....	52	0	-19	-	-	-54	-54	-	-21	-21
Brunei .....	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-
Canada .....	2,178	-121	146	27	-	11	11	68	37	104
Chad .....	64	-	-	-	-	-	-	-	-	-
China .....	-	0	-	-	-	0	0	-	-	-
Colombia .....	436	0	-	-	-	-	-	0	6	6
Denmark .....	-	-	-	-	-	-	-	-	-	-
Dominican Republic .....	-	-	-20	-	-	-9	-9	-	-	-
Equatorial Guinea .....	20	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	8	-	-	-	-	-	-
Finland .....	-	-	-	-	-	0	0	-	31	31
France .....	-	0	-5	6	-	-	-	19	2	21
Gabon .....	51	-	-	-	-	-	-	-	-	-
Germany .....	-	0	-	-	-	-	-	-	5	5
Guatemala .....	9	-	-	-	-	-1	-1	0	-	0
Honduras .....	-	-	-14	-	-	-3	-3	-	0	0
India .....	-	0	-	26	-	-	-	-	19	19
Indonesia .....	15	-	-	6	-	0	0	-	-	-
Italy .....	-	-	-	-	-	-	-	-	7	7
Japan .....	-	-	-	-	-	-33	-33	0	-	0
Korea, South .....	-	0	0	-	-	0	0	0	-	0
Latvia .....	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	0	0	-	3	3
Mexico .....	1,014	-1	-94	-	-	-202	-202	-11	-19	-29
Netherlands .....	-	-1	-34	25	-	-	-	4	33	37
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-
Norway .....	35	0	-	-	-	16	16	-	29	29
Oman .....	-	-	-	-	-	-	-	-	0	0
Panama .....	-	-	-3	-	-	-22	-22	-	0	0
Portugal .....	-	-	-	6	-	-	-	-	-	-
Puerto Rico .....	-	0	-	-	-	0	0	-	0	0
Russia .....	81	-	-	304	-	0	0	-	15	15
Spain .....	-	-	0	-	-	-	-	-	35	35
Sweden .....	-	-	-	10	-	-	-	-	-	-
Trinidad and Tobago .....	13	-	-	-	-	0	0	-	-	-
United Kingdom .....	17	0	0	45	-	-	-	20	44	64
Vietnam .....	21	0	-	-	-	-	-	-	0	0
Virgin Islands, U.S. .....	-	-	-	-	-	0	0	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-	-
Other .....	53	22	-37	-1	-	-43	-43	-1	1	0
<b>Total</b> .....	<b>8,056</b>	<b>-101</b>	<b>-100</b>	<b>602</b>	<b>-</b>	<b>-452</b>	<b>-452</b>	<b>99</b>	<b>271</b>	<b>370</b>
<b>Persian Gulf<sup>4</sup></b> .....	<b>2,083</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0</b>	<b>0</b>	<b>-</b>	<b>0</b>	<b>0</b>

See footnotes at end of table.

**Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, November 2012**  
(Thousand Barrels per Day) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil <sup>3</sup>				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol <sup>2</sup>	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> .....	-25	0	0	-	-	-	-18	0	-9	-	-27
Algeria .....	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	0	-	-	-	-	-25	-	-9	-	-33
Iran .....	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	0	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	0	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	0	0	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	0	-	-	-	0
Venezuela .....	-25	0	0	-	-	-	7	0	-	-	7
<b>Non-OPEC</b> .....	-17	-18	33	-2	2	-	-682	-158	-11	6	-845
Argentina .....	-	0	0	-	-	-	-28	-	-	-	-28
Aruba .....	-	-	0	-	2	-	-	-	-	-	-
Australia .....	-	0	0	-	-	-	-	0	-	-	0
Bahamas .....	0	-	-	-	-	-	-10	-9	-1	-	-20
Bahrain .....	-	-	-	-	-	-	-	-	-	-	-
Belgium .....	0	0	0	-	-	-	-	-	-	-	-
Brazil .....	-	-	47	-	-	-	-42	-41	-45	-	-129
Brunei .....	-	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	4	-	-	-	4
Canada .....	-	0	-23	0	-	-	85	11	45	-	140
Chad .....	-	-	-	-	-	-	-	-	-	-	-
China .....	0	0	0	-	-	-	-2	-	-	-	-2
Colombia .....	-	-	0	-	-	-	-79	-	-	-	-79
Denmark .....	-	0	-	-	-	-	-	-	-	-	-
Dominican Republic .....	-	-	-	-	-	-	-1	-9	-7	-	-17
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-2	-	-	-	-	-	-	-	-
France .....	-	0	-	-	-	-	-32	-	-	-	-32
Gabon .....	-	-	-	-	-	-	-	-	-	-	-
Germany .....	-	0	0	-	-	-	-1	-	-	-	-1
Guatemala .....	-	-	-	-	-	-	-	-8	-8	-	-16
Honduras .....	-	-	0	-	-	-	-	-6	-2	-	-8
India .....	0	-	-	-	-	-	0	-	-	-	0
Indonesia .....	-	-	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-	-	-
Japan .....	-	-18	0	-	-	-	0	-	0	-	0
Korea, South .....	-	-	0	-	-	-	0	-	-	-	0
Latvia .....	-	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	0	-	10	-	10
Mexico .....	-15	0	-3	0	-	-	-161	-37	0	-	-198
Netherlands .....	-	-	3	-	-	-	-161	-9	-	-	-170
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-1	-	-	0	-	-	-	0
Oman .....	-	-	-	-	-	-	-	-	-	-	-
Panama .....	-	-	0	-	-	-	-2	-21	-14	-	-37
Portugal .....	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico .....	-	0	0	-	-	-	-	-	-	-	-
Russia .....	-	0	-	-	-	-	-	0	12	6	18
Spain .....	-	-	-	-	-	-	-	-7	-	-	-7
Sweden .....	-	-	-1	-	-	-	-	-	0	-	0
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	0	0	-	-	-	-20	-	-	-	-20
Vietnam .....	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-21	-	-	-	-21
Yemen .....	-	-	-	-	-	-	-	-	-	-	-
Other .....	-2	0	12	-1	0	-	-211	-22	-1	0	-232
<b>Total</b> .....	<b>-42</b>	<b>-18</b>	<b>33</b>	<b>-2</b>	<b>2</b>	<b>-</b>	<b>-700</b>	<b>-158</b>	<b>-20</b>	<b>6</b>	<b>-872</b>
<b>Persian Gulf<sup>4</sup></b> .....	<b>0</b>	<b>0</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0</b>

See footnotes at end of table.

**Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, November 2012**  
(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> .....	-	-	-	7	4	36	2	24
Algeria .....	-	-	-	-	-	16	-	24
Angola .....	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	0	-	-
Iran .....	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	1	-	-
Libya .....	-	-	-	-	-	20	-	-
Nigeria .....	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	4	-	1	-
United Arab Emirates .....	-	-	-	-	0	-	-	-
Venezuela .....	-	-	-	7	-	0	1	0
<b>Non-OPEC</b> .....	-9	0	-	-122	-40	-184	24	4
Argentina .....	-	-	-	-1	-	-	-	-
Aruba .....	0	-	-	-	-	-	-	-
Australia .....	0	-	-	-	0	-	-	-
Bahamas .....	0	-	-	-1	-2	-14	-	-
Bahrain .....	-	-	-	-	-	0	-	-
Belgium .....	-	-	-	-	-	-	0	-
Brazil .....	-	-	-	-	2	5	-	-
Brunei .....	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-
Canada .....	-9	0	-	-48	1	37	5	3
Chad .....	-	-	-	-	-	2	-	-
China .....	0	-	-	-	-34	-8	-	-
Colombia .....	-	-	-	-2	-3	22	-	-
Denmark .....	-	-	-	-	-	-	-	-
Dominican Republic .....	0	-	-	-1	0	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-10	-	2	-	-
France .....	-	-	-	-	-	-	-	1
Gabon .....	-	-	-	-	-	0	-	-
Germany .....	-	-	-	-	0	-	0	-
Guatemala .....	-	-	-	-1	0	-3	-	-
Honduras .....	-	-	-	-2	-	-8	-	-
India .....	-	-	-	-	0	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	0	-	-	-
Japan .....	0	-	-	-	-15	0	-	-
Korea, South .....	-	-	-	31	7	-	3	-
Latvia .....	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-
Mexico .....	0	-	-	-	-1	-23	9	-
Netherlands .....	0	-	-	-28	1	-27	0	-
Netherlands Antilles .....	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	0	-	-
Panama .....	0	-	-	-8	-	-62	-	-
Portugal .....	-	-	-	-	-	-	-	-
Puerto Rico .....	0	-	-	-	0	-	-	-
Russia .....	-	-	-	-	-	28	-	-
Spain .....	-	-	-	-	4	-	-	-
Sweden .....	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	0	-	-	-	-	21	-	-
United Kingdom .....	-	-	-	-31	0	-9	-	-
Vietnam .....	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-
Other .....	0	0	-	-20	0	-147	7	0
<b>Total</b> .....	-9	0	-	-114	-35	-147	26	28
<b>Persian Gulf<sup>4</sup></b> .....	-	-	-	-	4	1	1	-

See footnotes at end of table.

**Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, November 2012**  
(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>10</b>	<b>0</b>	<b>38</b>	<b>4,005</b>
Algeria .....	-	-	0	0	-	114	199
Angola .....	-	-	-	0	-	12	157
Ecuador .....	-	0	0	-1	-	-56	80
Iran .....	-	-	-	-	-	-	-
Iraq .....	-	-	-	0	-	0	489
Kuwait .....	0	0	-	0	-	1	276
Libya .....	-	-	-	0	-	30	30
Nigeria .....	-	-	0	0	-	-2	484
Qatar .....	-	-4	-	12	-	8	8
Saudi Arabia .....	-	0	-	0	0	5	1,324
United Arab Emirates .....	-	0	0	0	-	0	0
Venezuela .....	-	-	0	0	-	-73	958
<b>Non-OPEC</b> .....	<b>-2</b>	<b>-487</b>	<b>-7</b>	<b>-35</b>	<b>-4</b>	<b>-1,396</b>	<b>2,693</b>
Argentina .....	0	3	0	-2	-	-32	-20
Aruba .....	-	-	-	0	-	1	1
Australia .....	0	-5	-	-1	-	-6	13
Bahamas .....	-	-	0	0	0	-43	-43
Bahrain .....	-	-	-	1	-	1	1
Belgium .....	0	-5	-	-4	-	41	41
Brazil .....	0	-23	-1	-8	0	-201	-149
Brunei .....	-	-	-	0	-	0	0
Cameroon .....	-	-	-	-	-	4	4
Canada .....	-1	-21	7	-5	0	256	2,435
Chad .....	-	-	-	-	-	2	65
China .....	0	-81	-1	-1	0	-126	-126
Colombia .....	0	0	0	-3	0	-60	377
Denmark .....	0	-5	-	0	-	-5	-5
Dominican Republic .....	0	-	-	0	-	-47	-47
Equatorial Guinea .....	-	-	-	0	-	0	20
Estonia .....	0	-	-	0	-	8	8
Finland .....	-	-	-	-	-	20	20
France .....	0	-17	-	-1	0	-26	-26
Gabon .....	-	-	-	0	-	0	52
Germany .....	0	0	0	0	0	5	5
Guatemala .....	-	-5	0	-1	-	-27	-18
Honduras .....	-	-7	-	0	-	-41	-41
India .....	0	-67	0	-3	0	-25	-25
Indonesia .....	0	-	0	2	0	7	22
Italy .....	0	-28	0	0	-	-20	-20
Japan .....	0	-67	0	0	0	-134	-134
Korea, South .....	0	-9	0	15	0	46	46
Latvia .....	-	-	-	0	-	0	0
Lithuania .....	-	-	-	-	-	-	-
Malaysia .....	1	-	0	0	0	14	14
Mexico .....	-1	-38	-8	-13	-3	-619	395
Netherlands .....	0	-11	0	-1	0	-205	-205
Netherlands Antilles .....	-	-	-	-	-	-	-
Norway .....	0	-6	0	0	-	38	73
Oman .....	-	0	-	0	-	0	0
Panama .....	0	-4	-	0	-	-137	-137
Portugal .....	0	-	-	-	-	6	6
Puerto Rico .....	0	-	0	0	-	-1	-1
Russia .....	0	-	0	0	-	364	445
Spain .....	0	-20	-	0	-	14	14
Sweden .....	0	-	-	0	-	10	10
Trinidad and Tobago .....	-	0	0	-1	0	20	33
United Kingdom .....	0	1	0	0	0	48	65
Vietnam .....	0	-	0	0	0	0	21
Virgin Islands, U.S. .....	-	-	-	0	-	-22	-22
Yemen .....	-	-	-	0	-	0	0
Other .....	-1	-72	-4	-9	-1	-524	-474
<b>Total</b> .....	<b>-2</b>	<b>-491</b>	<b>-7</b>	<b>-25</b>	<b>-4</b>	<b>-1,358</b>	<b>6,698</b>
<b>Persian Gulf<sup>4</sup></b> .....	<b>0</b>	<b>-4</b>	<b>0</b>	<b>12</b>	<b>0</b>	<b>14</b>	<b>2,098</b>

- = No Data Reported.

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

<sup>2</sup> Exports include industrial alcohol.

<sup>3</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under. Exports of distillate fuel oil with sulfur content greater than 500 ppm to 2000 ppm may include distillate fuel oil with sulfur content greater than 2000 ppm. This is due to product detail limitations in exports data received from the U.S. Census Bureau. Net imports are calculated using zero for exports of distillate fuel oil with sulfur contents of 0-15 ppm and greater than 2000 ppm.

<sup>4</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: The U.S. Census Bureau.

**Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-November 2012**  
(Thousand Barrels per Day)

Country of Origin	Crude Oil <sup>1</sup>	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>OPEC</b> .....	<b>4,075</b>	<b>8</b>	<b>-14</b>	<b>89</b>	<b>0</b>	<b>-42</b>	<b>-42</b>	<b>-</b>	<b>46</b>	<b>46</b>
Algeria .....	121	2	4	64	-	-	-	-	1	1
Angola .....	231	-	0	10	-	-	-	-	0	0
Ecuador .....	177	0	-13	-	-	-9	-9	-	3	3
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	475	0	-	-	-	-	-	-	0	0
Kuwait .....	311	0	-	1	-	-	-	-	0	0
Libya .....	60	-	-	2	-	-	-	-	0	0
Nigeria .....	422	3	0	5	-	-4	-4	-	26	26
Qatar .....	-	-	0	-	0	0	0	-	0	0
Saudi Arabia .....	1,386	0	0	1	-	0	0	-	0	0
United Arab Emirates .....	-	1	0	0	-	0	0	-	0	0
Venezuela .....	893	2	-5	6	-	-29	-29	-	15	15
<b>Non-OPEC</b> .....	<b>4,441</b>	<b>-93</b>	<b>-10</b>	<b>505</b>	<b>-2</b>	<b>-307</b>	<b>-309</b>	<b>131</b>	<b>377</b>	<b>508</b>
Argentina .....	23	0	0	0	-	-4	-4	-	1	1
Aruba .....	-	0	0	10	0	-1	-1	0	1	1
Australia .....	5	0	0	-	0	0	0	0	0	0
Bahamas .....	-	0	0	1	0	-4	-4	1	0	0
Bahrain .....	-	-	-	-	0	0	0	-	0	0
Belgium .....	-	0	-1	38	-	0	0	1	11	12
Brazil .....	200	0	-14	1	-	-17	-17	0	-8	-7
Brunei .....	2	-	-	-	-	-	-	-	-	-
Cameroon .....	34	-	-	3	-	-	-	-	0	0
Canada .....	2,340	-112	140	7	0	8	8	70	43	113
Chad .....	23	-	-	-	-	-	-	-	-	-
China .....	1	0	-3	0	0	0	0	-	0	0
Colombia .....	406	0	0	5	-	-7	-7	0	2	2
Denmark .....	-	0	0	-	-	-	-	-	1	1
Dominican Republic .....	-	0	-16	-	-	-2	-2	0	0	0
Equatorial Guinea .....	42	-	-	-	-	-	-	-	-	-
Estonia .....	-	0	-	9	-	-	-	-	0	0
Finland .....	-	0	-	1	-	0	0	3	17	20
France .....	-	0	-6	8	0	0	0	3	22	25
Gabon .....	46	-	-	0	-	-	-	0	1	1
Germany .....	-	0	0	0	-	0	0	0	2	2
Guatemala .....	10	0	0	-	-	-18	-18	0	0	0
Honduras .....	-	0	-11	-	0	-8	-8	-	0	0
India .....	-	0	0	8	-	0	0	0	31	31
Indonesia .....	6	-	-	1	-	0	0	-	-	-
Italy .....	1	0	0	3	-	8	8	-	19	19
Japan .....	-	0	-8	-	0	-5	-5	0	0	0
Korea, South .....	-	0	-2	0	-	0	0	0	4	4
Latvia .....	-	-	-	-	-	0	0	-	7	7
Lithuania .....	-	-	-	-	-	0	0	0	1	1
Malaysia .....	-	0	0	-	-	0	0	-	1	1
Mexico .....	973	6	-45	3	-1	-208	-210	-7	-26	-34
Netherlands .....	-	0	-11	10	-	3	3	9	73	82
Netherlands Antilles .....	-	-	-	-	-	-	-	-	1	1
Norway .....	27	0	2	17	-	3	3	0	27	27
Oman .....	11	-	-	-	-	-	-	-	0	0
Panama .....	-	0	-3	-	-	-20	-20	-	0	0
Portugal .....	-	-	-	2	-	2	2	-	11	11
Puerto Rico .....	-	0	0	-	0	0	0	0	0	0
Russia .....	109	-	0	321	-	1	1	0	14	14
Spain .....	-	-	-2	1	-	2	2	0	35	35
Sweden .....	-	0	0	5	-	0	0	0	4	4
Trinidad and Tobago .....	26	0	0	17	0	-4	-4	-	0	0
United Kingdom .....	20	0	-2	8	0	11	11	50	63	113
Vietnam .....	9	0	-	-	-	0	0	-	0	0
Virgin Islands, U.S. .....	-	-	0	-	0	-1	-1	3	5	9
Yemen .....	-	0	-	-	-	-	-	-	-	-
Other .....	127	13	-28	26	-1	-46	-46	-2	14	12
<b>Total</b> .....	<b>8,516</b>	<b>-85</b>	<b>-24</b>	<b>594</b>	<b>-2</b>	<b>-349</b>	<b>-351</b>	<b>131</b>	<b>423</b>	<b>554</b>
<b>Persian Gulf<sup>4</sup></b> .....	<b>2,172</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>-</b>	<b>0</b>	<b>0</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-November 2012**  
(Thousand Barrels per Day) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil <sup>3</sup>				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol <sup>2</sup>	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>	-18	0	-3	0	-	-	-14	-7	-14	-	-35
Algeria	-	-	-	-	-	-	-	-1	-	-	-1
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	0	0	0	-	-	-18	-7	-6	-	-31
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	0	-	-	-	0	-	0	-	0
Libya	-	-	-	-	-	-	-	-	-1	-	-1
Nigeria	-	-	-1	-	-	-	-	-	-3	-	-3
Qatar	-	-	-	-	-	-	1	-	-	-	1
Saudi Arabia	0	0	0	-	-	-	0	0	-	-	0
United Arab Emirates	-	0	-2	0	-	-	0	0	-	-	0
Venezuela	-18	0	0	-	-	-	3	0	-4	-	-1
<b>Non-OPEC</b>	-28	-15	-14	-6	1	-	-623	-121	-110	2	-852
Argentina	0	0	0	-	-	-	-20	-6	-4	-	-30
Aruba	-	-	0	-	0	-	0	1	-	-	1
Australia	0	0	0	0	-	-	-	0	-	-	0
Bahamas	0	0	0	0	-	-	-2	-7	-2	-	-11
Bahrain	-	-	0	-	-	-	-	-	-	-	-
Belgium	0	0	0	-	-	-	-6	-1	-	-	-6
Brazil	-	0	20	0	-	-	-25	-9	-38	-	-73
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	0	-	-	-	-	0	-	-	-	0
Canada	-	0	-20	-4	-	-	65	0	21	-	86
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	0	0	0	-	-	0	0	0	-	-1
Colombia	-	0	0	0	-	-	-52	-4	-3	0	-58
Denmark	-	0	-	-	-	-	-	-	-	-	-
Dominican Republic	-	-	0	-	-	-	-3	-7	-2	-	-13
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	0	-2	0	1	-	0	-	-	-	0
France	-	0	0	-	-	-	-59	-2	-1	-	-62
Gabon	-	-	-	-	-	-	-	-	-	-	-
Germany	0	0	0	-	-	-	-8	0	0	-	-8
Guatemala	-	0	0	0	-	-	-4	-7	-8	-	-19
Honduras	-	-	0	-	-	-	-1	-6	-4	-	-10
India	0	0	0	-	-	-	0	0	1	-	1
Indonesia	-	0	-	-	-	-	-	-	-	-	-
Italy	-	0	-	-	-	-	-4	2	-	-	-2
Japan	0	-13	0	-	-	-	2	0	0	-	2
Korea, South	0	0	-1	-	-	-	1	0	0	0	1
Latvia	-	-	-	-	-	-	-	0	-	-	0
Lithuania	-	0	0	-	-	-	0	-	-	-	0
Malaysia	-	0	-	-	-	-	0	-	1	-	1
Mexico	-23	-1	-3	0	-	-	-111	-17	-3	1	-131
Netherlands	-	0	-4	0	-	-	-126	-10	-11	-	-146
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	0	-1	-	-	-1	-	-	-	-1
Oman	-	-	-2	-	-	-	-	-	-	-	-
Panama	-	0	0	-	-	-	-13	-16	-16	-	-46
Portugal	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	0	0	0	-	-	-	-	0	0	-	0
Russia	-	0	-	-	-	-	1	0	1	1	3
Spain	0	-1	-	-	-	-	-16	-3	-	-	-19
Sweden	-	-	0	-	-	-	-	-	0	-	0
Trinidad and Tobago	-	0	0	0	-	-	0	-	-1	0	-1
United Kingdom	-	0	-5	-	-	-	-13	0	-1	-	-14
Vietnam	-	0	0	-	-	-	-	0	-	-	0
Virgin Islands, U.S.	-	-	0	-	-	-	-6	-5	-1	-	-12
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-5	0	3	-1	0	-	-222	-24	-39	0	-284
<b>Total</b>	<b>-46</b>	<b>-15</b>	<b>-18</b>	<b>-6</b>	<b>1</b>	<b>-</b>	<b>-637</b>	<b>-128</b>	<b>-124</b>	<b>2</b>	<b>-887</b>
<b>Persian Gulf<sup>4</sup></b>	<b>0</b>	<b>0</b>	<b>-2</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>-</b>	<b>1</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-November 2012**  
(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>-1</b>	<b>-9</b>	<b>35</b>	<b>3</b>	<b>26</b>
Algeria .....	-	-	-	-	0	30	-	26
Angola .....	-	-	-	-	0	2	-	-
Ecuador .....	-	-	-	-	0	-6	-	-
Iran .....	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-
Kuwait .....	0	-	-	-	0	1	-	-
Libya .....	-	-	-	-	-	3	-	-
Nigeria .....	-	-	-	-8	-	1	1	-
Qatar .....	0	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	1	1	0	0	-
United Arab Emirates .....	0	-	-	-	0	2	-	-
Venezuela .....	-	-	-	7	-10	2	2	0
<b>Non-OPEC</b> .....	<b>-3</b>	<b>0</b>	<b>-</b>	<b>-71</b>	<b>-28</b>	<b>-155</b>	<b>29</b>	<b>14</b>
Argentina .....	0	-	-	-1	0	-16	0	1
Aruba .....	0	-	-	0	-	-5	-	-
Australia .....	0	-	-	0	0	0	-	-
Bahamas .....	0	-	-	-2	-2	-12	-	-
Bahrain .....	-	-	-	0	-	0	-	-
Belgium .....	-	-	-	-	0	2	1	-
Brazil .....	0	-	-	-2	-1	4	1	-
Brunei .....	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-
Canada .....	-3	0	-	-52	2	39	4	4
Chad .....	-	-	-	-	-	2	-	-
China .....	0	-	-	0	-7	-2	-	-
Colombia .....	0	-	-	-1	-4	23	-	-
Denmark .....	-	-	-	-	-	0	-	-
Dominican Republic .....	0	-	-	-2	-2	-1	-	-
Equatorial Guinea .....	-	-	-	-	-	0	-	-
Estonia .....	-	-	-	-	-	6	-	-
Finland .....	0	-	-	-1	0	0	-	-
France .....	-	-	-	-1	-1	1	0	1
Gabon .....	-	-	-	-	-	0	-	-
Germany .....	0	-	-	0	0	0	0	-
Guatemala .....	0	-	-	-2	0	-4	-	-
Honduras .....	0	-	-	-1	0	-13	-	-
India .....	0	-	-	1	0	0	0	-
Indonesia .....	0	-	-	0	0	-1	-	-
Italy .....	-	-	-	0	0	1	0	-
Japan .....	0	-	-	5	-3	-1	-	-
Korea, South .....	-	-	-	35	4	0	5	-
Latvia .....	-	-	-	-	-	-	-	-
Lithuania .....	0	-	-	0	0	-	-	-
Malaysia .....	-	-	-	1	0	0	-	-
Mexico .....	0	-	-	-3	-3	5	8	-
Netherlands .....	0	-	-	-4	-6	-41	1	0
Netherlands Antilles .....	-	-	-	-	-	0	-	-
Norway .....	-	-	-	-2	-	-	1	2
Oman .....	-	-	-	-	0	0	-	-
Panama .....	0	-	-	-11	0	-42	-	-
Portugal .....	-	-	-	-	-	-	-	-
Puerto Rico .....	0	-	-	0	0	0	-	-
Russia .....	0	-	-	-	-	18	1	6
Spain .....	-	-	-	-	0	0	0	-
Sweden .....	-	-	-	-	-	2	-	-
Trinidad and Tobago .....	0	-	-	0	0	24	-	-
United Kingdom .....	0	-	-	-8	0	-4	1	-
Vietnam .....	-	-	-	-	-	0	-	-
Virgin Islands, U.S. ....	0	-	-	-1	-	0	-	-
Yemen .....	-	-	-	-	-	-	-	-
Other .....	0	0	-	-19	-5	-140	6	0
<b>Total</b> .....	<b>-3</b>	<b>0</b>	<b>-</b>	<b>-72</b>	<b>-37</b>	<b>-120</b>	<b>32</b>	<b>41</b>
<b>Persian Gulf<sup>4</sup></b> .....	<b>0</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>0</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-November 2012**  
(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>0</b>	<b>0</b>	<b>81</b>	<b>4,156</b>
Algeria .....	0	0	0	0	-	126	247
Angola .....	-	-	0	-	-	12	243
Ecuador .....	0	-1	0	-1	0	-60	117
Iran .....	-	-	-	-	-	-	-
Iraq .....	-	0	0	0	-	0	475
Kuwait .....	0	0	0	0	-	2	313
Libya .....	-	-	-	0	-	4	64
Nigeria .....	0	-	0	-2	-	18	439
Qatar .....	0	-1	0	4	-	4	4
Saudi Arabia .....	0	0	-	0	0	2	1,389
United Arab Emirates .....	0	0	0	-1	0	0	0
Venezuela .....	0	-1	0	0	0	-28	864
<b>Non-OPEC</b> .....	<b>-1</b>	<b>-483</b>	<b>0</b>	<b>-45</b>	<b>-4</b>	<b>-1,054</b>	<b>3,388</b>
Argentina .....	0	2	0	-1	0	-48	-25
Aruba .....	-	-	0	0	-	8	8
Australia .....	0	-8	0	-1	0	-9	-4
Bahamas .....	-	-	0	0	0	-30	-30
Bahrain .....	0	-1	-	2	-	1	1
Belgium .....	0	-7	0	-4	0	34	34
Brazil .....	0	-35	-2	-8	0	-130	69
Brunei .....	-	0	-	0	-	0	2
Cameroon .....	-	-	0	0	-	3	37
Canada .....	-2	-23	18	-9	0	197	2,537
Chad .....	-	-	-	0	-	2	24
China .....	1	-71	-1	-1	0	-84	-82
Colombia .....	0	0	0	-3	0	-43	363
Denmark .....	0	-2	0	0	0	-2	-2
Dominican Republic .....	0	-1	-1	0	0	-39	-39
Equatorial Guinea .....	-	0	-	0	-	0	42
Estonia .....	0	-	-	0	-	15	15
Finland .....	-	-1	0	0	0	18	18
France .....	0	-7	0	-1	0	-42	-42
Gabon .....	-	-	0	0	-	1	48
Germany .....	0	-4	0	-1	0	-10	-10
Guatemala .....	0	-3	0	-1	0	-46	-35
Honduras .....	0	-2	0	0	-	-46	-46
India .....	0	-34	0	-1	0	5	5
Indonesia .....	0	0	0	1	0	0	6
Italy .....	0	-26	0	0	0	5	6
Japan .....	0	-57	0	-1	0	-79	-79
Korea, South .....	0	-13	0	11	0	45	45
Latvia .....	0	-	-	0	0	7	7
Lithuania .....	-	-	0	0	-	1	1
Malaysia .....	0	0	0	0	0	2	2
Mexico .....	-1	-46	-5	-13	-1	-495	479
Netherlands .....	0	-10	-1	0	0	-127	-127
Netherlands Antilles .....	-	-	-	-	-	1	1
Norway .....	0	-4	0	0	-	44	71
Oman .....	-	0	-	0	-	-2	9
Panama .....	0	-1	-1	-1	0	-124	-124
Portugal .....	0	-4	-	0	-	11	11
Puerto Rico .....	0	0	-1	0	0	-3	-3
Russia .....	0	-	0	0	-	364	473
Spain .....	0	-22	0	0	0	-4	-4
Sweden .....	0	-1	-	0	0	10	10
Trinidad and Tobago .....	0	0	0	-2	0	34	60
United Kingdom .....	0	-5	0	0	0	95	115
Vietnam .....	0	0	0	0	0	0	9
Virgin Islands, U.S. .....	-	1	0	0	-	-3	-3
Yemen .....	-	-	-	0	0	0	0
Other .....	1	-98	-6	-11	-3	-591	-465
<b>Total</b> .....	<b>-1</b>	<b>-487</b>	<b>0</b>	<b>-45</b>	<b>-4</b>	<b>-972</b>	<b>7,544</b>
<b>Persian Gulf<sup>4</sup></b> .....	<b>0</b>	<b>-2</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>10</b>	<b>2,182</b>

- = No Data Reported.

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

<sup>2</sup> Exports include industrial alcohol.

<sup>3</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under. Exports of distillate fuel oil with sulfur content greater than 500 ppm to 2000 ppm may include distillate fuel oil with sulfur content greater than 2000 ppm. This is due to product detail limitations in exports data received from the U.S. Census Bureau. Net imports are calculated using zero for exports of distillate fuel oil with sulfur contents of 0-15 ppm and greater than 2000 ppm.

<sup>4</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: The U.S. Census Bureau.

**Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, November 2012**  
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
<b>Crude Oil</b> .....	<b>11,185</b>	<b>108,952</b>	<b>879,914</b>	<b>18,753</b>	<b>54,755</b>	<b>1,073,559</b>
Refinery .....	10,004	12,110	48,680	2,659	23,331	96,784
Tank Farms and Pipelines (Includes Cushing, OK) ....	1,042	93,197	117,850	12,259	26,113	250,461
Cushing, Oklahoma .....	-	45,918	-	-	-	45,918
Leases .....	139	3,645	18,432	3,835	749	26,800
Strategic Petroleum Reserve <sup>1</sup> .....	-	-	694,952	-	-	694,952
Alaskan In Transit .....	-	-	-	-	4,562	4,562
<b>Total Stocks, All Oils (excluding Crude Oil)<sup>2</sup></b> .....	<b>135,143</b>	<b>165,970</b>	<b>321,897</b>	<b>19,465</b>	<b>92,494</b>	<b>734,969</b>
Refinery .....	21,426	47,726	120,088	11,494	53,042	253,776
Bulk Terminal .....	87,594	83,981	151,771	4,904	34,502	362,752
Pipeline .....	26,030	33,249	46,442	2,947	4,726	113,394
Natural Gas Processing Plant .....	93	1,014	3,596	120	224	5,047
<b>Pentanes Plus</b> .....	<b>52</b>	<b>6,641</b>	<b>6,402</b>	<b>210</b>	<b>58</b>	<b>13,363</b>
Refinery .....	-	305	523	42	1	871
Bulk Terminal .....	41	1,725	4,458	5	32	6,261
Pipeline .....	-	4,513	1,111	115	-	5,739
Natural Gas Processing Plant .....	11	98	310	48	25	492
<b>Liquefied Petroleum Gases</b> .....	<b>6,695</b>	<b>45,476</b>	<b>97,799</b>	<b>1,306</b>	<b>6,440</b>	<b>157,716</b>
Refinery .....	1,397	5,455	9,382	508	2,082	18,824
Bulk Terminal .....	4,796	31,519	76,626	7	4,159	117,107
Pipeline .....	420	7,586	8,505	719	-	17,230
Natural Gas Processing Plant .....	82	916	3,286	72	199	4,555
<b>Ethane/Ethylene</b> .....	<b>-</b>	<b>3,996</b>	<b>32,163</b>	<b>398</b>	<b>-</b>	<b>36,557</b>
Refinery .....	-	-	161	-	-	161
Bulk Terminal .....	-	2,131	28,007	-	-	30,138
Ethylene .....	-	-	841	-	-	841
Pipeline .....	-	1,682	3,508	396	-	5,586
Natural Gas Processing Plant .....	-	183	487	2	-	672
<b>Propane/Propylene</b> .....	<b>5,075</b>	<b>26,106</b>	<b>39,037</b>	<b>352</b>	<b>2,412</b>	<b>72,982</b>
Refinery .....	346	2,532	2,002	103	128	5,111
Bulk Terminal .....	4,293	18,669	32,459	3	2,244	57,668
Nonfuel Use .....	-	-	4,022	-	-	4,022
Pipeline .....	358	4,384	3,259	204	-	8,205
Natural Gas Processing Plant .....	78	521	1,317	42	40	1,998
<b>Normal Butane/Butylene</b> .....	<b>1,269</b>	<b>13,024</b>	<b>20,898</b>	<b>362</b>	<b>3,485</b>	<b>39,038</b>
Refinery .....	701	2,443	6,078	262	1,480	10,964
Bulk Terminal .....	503	9,404	12,892	3	1,894	24,696
Refinery Grade Butane .....	-	4,846	3,575	-	-	8,421
Pipeline .....	62	1,058	977	74	-	2,171
Natural Gas Processing Plant .....	3	119	951	23	111	1,207
<b>Isobutane/Isobutylene</b> .....	<b>351</b>	<b>2,350</b>	<b>5,701</b>	<b>194</b>	<b>543</b>	<b>9,139</b>
Refinery .....	350	480	1,141	143	474	2,588
Bulk Terminal .....	-	1,315	3,268	1	21	4,605
Pipeline .....	-	462	761	45	-	1,268
Natural Gas Processing Plant .....	1	93	531	5	48	678
<b>Other Hydrocarbons</b> .....	<b>-</b>	<b>30</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>30</b>
Refinery .....	-	30	-	-	-	30
<b>Oxygenates (excluding Fuel Ethanol)</b> .....	<b>-</b>	<b>-</b>	<b>755</b>	<b>-</b>	<b>-</b>	<b>755</b>
Refinery .....	-	-	95	-	-	95
Bulk Terminal .....	-	-	660	-	-	660
Pipeline .....	-	-	-	-	-	-
<b>MTBE</b> .....	<b>-</b>	<b>-</b>	<b>622</b>	<b>-</b>	<b>-</b>	<b>622</b>
Refinery .....	-	-	95	-	-	95
Bulk Terminal <sup>3</sup> .....	-	-	527	-	-	527
Pipeline .....	-	-	-	-	-	-
<b>Other Oxygenates<sup>4</sup></b> .....	<b>-</b>	<b>-</b>	<b>133</b>	<b>-</b>	<b>-</b>	<b>133</b>
Refinery .....	-	-	-	-	-	-
Bulk Terminal .....	-	-	133	-	-	133
Pipeline .....	-	-	-	-	-	-
<b>Renewable Fuels (including Fuel Ethanol)</b> .....	<b>7,699</b>	<b>7,169</b>	<b>4,033</b>	<b>358</b>	<b>2,790</b>	<b>22,049</b>
Refinery .....	204	101	162	109	38	614
Bulk Terminal .....	7,475	7,068	3,870	249	2,752	21,414
Pipeline .....	20	-	1	-	-	21
<b>Fuel Ethanol</b> .....	<b>7,104</b>	<b>6,656</b>	<b>3,435</b>	<b>354</b>	<b>2,625</b>	<b>20,174</b>
Refinery .....	201	92	134	107	38	572
Bulk Terminal .....	6,883	6,564	3,300	247	2,587	19,581
Pipeline .....	20	-	1	-	-	21
<b>Renewable Diesel Fuel</b> .....	<b>595</b>	<b>513</b>	<b>595</b>	<b>4</b>	<b>165</b>	<b>1,872</b>
Refinery .....	3	9	28	2	-	42
Bulk Terminal .....	592	504	567	2	165	1,830
Pipeline .....	-	-	-	-	-	-
<b>Other Renewable Fuels</b> .....	<b>-</b>	<b>-</b>	<b>3</b>	<b>-</b>	<b>-</b>	<b>3</b>
Refinery .....	-	-	-	-	-	-
Bulk Terminal .....	-	-	3	-	-	3
Pipeline .....	-	-	-	-	-	-

See footnotes at end of table.

**Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, November 2012**  
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
<b>Unfinished Oils</b>	<b>7,203</b>	<b>13,512</b>	<b>43,581</b>	<b>3,924</b>	<b>17,088</b>	<b>85,308</b>
<b>Naphthas and Lighter</b>	<b>1,377</b>	<b>3,159</b>	<b>9,645</b>	<b>1,076</b>	<b>3,985</b>	<b>19,242</b>
Refinery	1,284	3,150	9,206	1,076	3,913	18,629
Bulk Terminal	93	9	439	—	72	613
<b>Kerosene and Light Gas Oils</b>	<b>1,134</b>	<b>3,085</b>	<b>9,636</b>	<b>499</b>	<b>2,868</b>	<b>17,222</b>
Refinery	648	2,966	9,574	499	2,868	16,555
Bulk Terminal	486	119	62	—	—	667
<b>Heavy Gas Oils</b>	<b>2,356</b>	<b>4,339</b>	<b>19,155</b>	<b>1,790</b>	<b>8,051</b>	<b>35,691</b>
Refinery	2,164	4,214	15,998	1,790	8,051	32,217
Bulk Terminal	192	125	3,157	—	—	3,474
<b>Residuuum</b>	<b>2,336</b>	<b>2,929</b>	<b>5,145</b>	<b>559</b>	<b>2,184</b>	<b>13,153</b>
Refinery	1,713	2,929	5,145	559	2,184	12,530
Bulk Terminal	623	—	—	—	—	623
<b>Motor Gasoline Blending Components</b>	<b>40,720</b>	<b>26,456</b>	<b>62,418</b>	<b>2,766</b>	<b>28,931</b>	<b>161,291</b>
Refinery	6,047	9,901	25,071	1,948	15,021	57,988
Bulk Terminal	26,691	10,255	21,027	571	11,717	70,261
Pipeline	7,982	6,300	16,320	247	2,193	33,042
<b>Reformulated - RBOB</b>	<b>14,381</b>	<b>5,701</b>	<b>10,937</b>	<b>—</b>	<b>15,268</b>	<b>46,287</b>
Refinery	2,195	1,234	2,019	—	5,859	11,307
Bulk Terminal	8,933	3,159	4,376	—	7,978	24,446
Pipeline	3,253	1,308	4,542	—	1,431	10,534
<b>Conventional</b>	<b>26,339</b>	<b>20,755</b>	<b>51,481</b>	<b>2,766</b>	<b>13,663</b>	<b>115,004</b>
Refinery	3,852	8,667	23,052	1,948	9,162	46,681
Bulk Terminal	17,758	7,096	16,651	571	3,739	45,815
Pipeline	4,729	4,992	11,778	247	762	22,508
<b>CBOB</b>	<b>19,699</b>	<b>13,223</b>	<b>26,385</b>	<b>1,138</b>	<b>4,600</b>	<b>65,045</b>
Refinery	526	3,044	8,755	485	1,021	13,831
Bulk Terminal	14,444	6,314	7,181	406	2,817	31,162
Pipeline	4,729	3,865	10,449	247	762	20,052
<b>GTAB</b>	<b>300</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>300</b>
Refinery	—	—	—	—	—	—
Bulk Terminal	300	—	—	—	—	300
Pipeline	—	—	—	—	—	—
<b>Other</b>	<b>6,340</b>	<b>7,532</b>	<b>25,096</b>	<b>1,628</b>	<b>9,063</b>	<b>49,659</b>
Refinery	3,326	5,623	14,297	1,463	8,141	32,850
Bulk Terminal	3,014	782	9,470	165	922	14,353
Pipeline	—	1,127	1,329	—	—	2,456
<b>Aviation Gasoline Blending Components</b>	<b>—</b>	<b>—</b>	<b>6</b>	<b>—</b>	<b>—</b>	<b>6</b>
Refinery	—	—	6	—	—	6
Bulk Terminal	—	—	—	—	—	—
<b>Finished Motor Gasoline</b>	<b>7,879</b>	<b>20,842</b>	<b>16,318</b>	<b>4,442</b>	<b>4,078</b>	<b>53,559</b>
Refinery	630	3,210	4,352	1,699	1,741	11,632
Bulk Terminal	2,602	11,525	6,686	1,554	2,138	24,505
Pipeline	4,647	6,107	5,280	1,189	199	17,422
<b>Reformulated</b>	<b>7</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>12</b>	<b>19</b>
Refinery	—	—	—	—	12	12
Bulk Terminal	7	—	—	—	—	7
Pipeline	—	—	—	—	—	—
<b>Reformulated (Blended with Fuel Ethanol)</b>	<b>7</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>12</b>	<b>19</b>
Refinery	—	—	—	—	12	12
Bulk Terminal	7	—	—	—	—	7
Pipeline	—	—	—	—	—	—
<b>Reformulated (Other)</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
<b>Conventional</b>	<b>7,872</b>	<b>20,842</b>	<b>16,318</b>	<b>4,442</b>	<b>4,066</b>	<b>53,540</b>
Refinery	630	3,210	4,352	1,699	1,729	11,620
Bulk Terminal	2,595	11,525	6,686	1,554	2,138	24,498
Pipeline	4,647	6,107	5,280	1,189	199	17,422
<b>Conventional (Blended with Fuel Ethanol)</b>	<b>30</b>	<b>230</b>	<b>80</b>	<b>49</b>	<b>—</b>	<b>389</b>
Refinery	—	—	—	49	—	49
Bulk Terminal	30	230	80	—	—	340
Pipeline	—	—	—	—	—	—
<b>Ed55 and Lower</b>	<b>30</b>	<b>230</b>	<b>80</b>	<b>49</b>	<b>—</b>	<b>389</b>
Refinery	—	—	—	49	—	49
Bulk Terminal	30	230	80	—	—	340
Pipeline	—	—	—	—	—	—
<b>Greater than Ed55</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
<b>Conventional (Other)</b>	<b>7,842</b>	<b>20,612</b>	<b>16,238</b>	<b>4,393</b>	<b>4,066</b>	<b>53,151</b>
Refinery	630	3,210	4,352	1,650	1,729	11,571
Bulk Terminal	2,565	11,295	6,606	1,554	2,138	24,158
Pipeline	4,647	6,107	5,280	1,189	199	17,422

See footnotes at end of table.

**Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, November 2012**  
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
<b>Finished Aviation Gasoline</b> .....	<b>160</b>	<b>183</b>	<b>490</b>	<b>17</b>	<b>248</b>	<b>1,098</b>
Refinery .....	—	67	417	17	125	626
Bulk Terminal .....	160	116	73	—	123	472
Pipeline .....	—	—	—	—	—	—
<b>Kerosene-Type Jet Fuel</b> .....	<b>9,606</b>	<b>7,572</b>	<b>12,730</b>	<b>725</b>	<b>10,090</b>	<b>40,723</b>
Refinery .....	737	1,980	5,274	356	4,400	12,747
Bulk Terminal .....	4,500	3,585	2,597	295	4,688	15,665
Pipeline .....	4,369	2,007	4,859	74	1,002	12,311
<b>Kerosene</b> .....	<b>1,362</b>	<b>173</b>	<b>234</b>	<b>1</b>	<b>69</b>	<b>1,839</b>
Refinery .....	182	118	42	1	12	355
Bulk Terminal .....	1,148	55	192	—	57	1,452
Pipeline .....	32	—	—	—	—	32
<b>Distillate Fuel Oil<sup>2</sup></b> .....	<b>39,227</b>	<b>26,079</b>	<b>35,319</b>	<b>3,882</b>	<b>13,351</b>	<b>117,858</b>
Refinery .....	3,523	6,600	13,585	1,763	6,234	31,705
Bulk Terminal .....	27,144	12,743	11,373	1,516	5,785	58,561
Pipeline .....	8,560	6,736	10,361	603	1,332	27,592
<b>15 ppm sulfur and Under</b> .....	<b>18,145</b>	<b>24,445</b>	<b>27,323</b>	<b>3,581</b>	<b>11,099</b>	<b>84,593</b>
Refinery .....	1,670	5,708	9,845	1,567	4,686	23,476
Bulk Terminal .....	11,296	12,512	8,320	1,495	5,135	38,758
Pipeline .....	5,179	6,225	9,158	519	1,278	22,359
<b>Greater than 15 ppm to 500 ppm sulfur</b> .....	<b>978</b>	<b>939</b>	<b>2,517</b>	<b>194</b>	<b>734</b>	<b>5,362</b>
Refinery .....	235	261	1,273	89	395	2,253
Bulk Terminal .....	644	169	871	21	303	2,008
Pipeline .....	99	509	373	84	36	1,101
<b>Greater than 500 ppm sulfur</b> .....	<b>20,104</b>	<b>695</b>	<b>5,479</b>	<b>107</b>	<b>1,518</b>	<b>27,903</b>
Refinery .....	1,618	631	2,467	107	1,153	5,976
Bulk Terminal .....	15,204	62	2,182	—	347	17,795
Pipeline .....	3,282	2	830	—	18	4,132
<b>Residual Fuel Oil<sup>5</sup></b> .....	<b>9,613</b>	<b>1,305</b>	<b>21,096</b>	<b>202</b>	<b>5,355</b>	<b>37,571</b>
Refinery .....	874	942	4,574	202	3,305	9,897
Bulk Terminal .....	8,739	363	16,522	—	2,050	27,674
Pipeline .....	—	—	—	—	—	—
<b>Less than 0.31% Sulfur</b> .....	<b>1,448</b>	<b>202</b>	<b>1,890</b>	<b>31</b>	<b>369</b>	<b>3,940</b>
Refinery .....	122	—	108	31	126	387
Bulk Terminal .....	1,326	202	1,782	—	243	3,553
<b>0.31% to 1.00% Sulfur</b> .....	<b>3,706</b>	<b>143</b>	<b>2,384</b>	<b>11</b>	<b>743</b>	<b>6,987</b>
Refinery .....	402	84	302	11	520	1,319
Bulk Terminal .....	3,304	59	2,082	—	223	5,668
<b>Greater than 1.00% Percent Sulfur</b> .....	<b>4,459</b>	<b>960</b>	<b>16,822</b>	<b>160</b>	<b>4,243</b>	<b>26,644</b>
Refinery .....	350	858	4,164	160	2,659	8,191
Bulk Terminal .....	4,109	102	12,658	—	1,584	18,453
<b>Petrochemical Feedstocks</b> .....	<b>198</b>	<b>644</b>	<b>2,671</b>	<b>—</b>	<b>1</b>	<b>3,514</b>
Refinery .....	198	644	2,671	—	1	3,514
Naphtha for Petrochemical Feedstock Use .....	198	549	1,249	—	1	1,997
Other Oils for Petrochemical Feedstock Use .....	—	95	1,422	—	—	1,517
<b>Special Naphthas</b> .....	<b>28</b>	<b>96</b>	<b>981</b>	<b>—</b>	<b>41</b>	<b>1,146</b>
Refinery .....	15	62	702	—	41	820
Bulk Terminal .....	13	34	279	—	—	326
<b>Lubricants</b> .....	<b>1,166</b>	<b>671</b>	<b>7,033</b>	<b>1</b>	<b>778</b>	<b>9,649</b>
Refinery .....	740	184	4,949	1	571	6,445
Bulk Terminal .....	426	487	2,084	—	207	3,204
<b>Waxes</b> .....	<b>231</b>	<b>29</b>	<b>293</b>	<b>—</b>	<b>—</b>	<b>553</b>
Refinery .....	231	29	293	—	—	553
<b>Petroleum Coke</b> .....	<b>—</b>	<b>1,001</b>	<b>5,262</b>	<b>48</b>	<b>1,796</b>	<b>8,107</b>
Refinery .....	—	1,001	5,262	48	1,796	8,107
<b>Asphalt and Road Oil</b> .....	<b>3,278</b>	<b>8,018</b>	<b>4,102</b>	<b>1,567</b>	<b>1,310</b>	<b>18,275</b>
Refinery .....	813	3,765	2,436	860	588	8,462
Bulk Terminal .....	2,465	4,253	1,666	707	722	9,813
<b>Miscellaneous Products</b> .....	<b>26</b>	<b>73</b>	<b>374</b>	<b>16</b>	<b>70</b>	<b>559</b>
Refinery .....	26	73	369	16	70	554
Bulk Terminal .....	—	—	—	—	—	—
Pipeline .....	—	—	5	—	—	5
<b>Total Stocks, All Oils</b> .....	<b>146,328</b>	<b>274,922</b>	<b>1,201,811</b>	<b>38,218</b>	<b>147,249</b>	<b>1,808,528</b>

— = No Data Reported.

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

<sup>2</sup> Distillate stocks located in the "Northeast Heating Oil Reserve" are excluded. For details see Appendix D.

Includes stocks held at fuel ethanol production facilities.

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

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

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

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

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

**Table 56. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, November 2012**  
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
<b>PAD District 1</b> .....	<b>7</b>	<b>3,225</b>	<b>3,232</b>	<b>11,128</b>	<b>21,610</b>	<b>32,738</b>	<b>1,330</b>
Connecticut .....	—	—	—	1,012	—	1,012	1
Delaware .....	—	—	—	584	867	1,451	172
District of Columbia .....	—	—	—	—	—	—	—
Florida .....	—	481	481	—	4,310	4,310	—
Georgia .....	—	248	248	5	1,955	1,960	18
Maine .....	—	251	251	—	349	349	131
Maryland .....	—	—	—	677	169	846	56
Massachusetts .....	3	—	3	1,189	—	1,189	22
New Hampshire .....	—	—	—	—	—	—	61
New Jersey .....	—	391	391	3,984	5,508	9,492	87
New York .....	4	483	487	516	1,233	1,749	347
North Carolina .....	—	263	263	—	1,841	1,841	262
Pennsylvania .....	—	551	551	1,348	3,369	4,717	92
Rhode Island .....	—	—	—	577	—	577	—
South Carolina .....	—	280	280	—	870	870	29
Vermont .....	—	30	30	—	—	—	5
Virginia .....	—	200	200	1,236	945	2,181	47
West Virginia .....	—	47	47	—	194	194	—
<b>PAD District 2</b> .....	<b>—</b>	<b>14,735</b>	<b>14,735</b>	<b>4,393</b>	<b>15,763</b>	<b>20,156</b>	<b>173</b>
Illinois .....	—	1,149	1,149	2,330	3,128	5,458	132
Indiana .....	—	1,231	1,231	814	2,426	3,240	—
Iowa .....	—	1,355	1,355	—	20	20	—
Kansas .....	—	2,476	2,476	—	306	306	10
Kentucky .....	—	355	355	455	1,058	1,513	8
Michigan .....	—	1,171	1,171	64	1,222	1,286	—
Minnesota .....	—	1,307	1,307	—	1,175	1,175	—
Missouri .....	—	476	476	216	147	363	—
Nebraska .....	—	751	751	—	33	33	—
North Dakota .....	—	489	489	—	323	323	—
Ohio .....	—	1,661	1,661	31	2,812	2,843	—
Oklahoma .....	—	1,377	1,377	—	555	555	6
South Dakota .....	—	309	309	—	34	34	—
Tennessee .....	—	241	241	—	1,395	1,395	17
Wisconsin .....	—	387	387	483	1,129	1,612	—
<b>PAD District 3</b> .....	<b>—</b>	<b>11,038</b>	<b>11,038</b>	<b>6,395</b>	<b>39,703</b>	<b>46,098</b>	<b>234</b>
Alabama .....	—	194	194	—	997	997	13
Arkansas .....	—	454	454	6	362	368	—
Louisiana .....	—	1,444	1,444	497	8,893	9,390	1
Mississippi .....	—	697	697	—	2,071	2,071	—
New Mexico .....	—	280	280	—	465	465	—
Texas .....	—	7,969	7,969	5,892	26,915	32,807	220
<b>PAD District 4</b> .....	<b>—</b>	<b>3,253</b>	<b>3,253</b>	<b>—</b>	<b>2,519</b>	<b>2,519</b>	<b>1</b>
Colorado .....	—	694	694	—	684	684	—
Idaho .....	—	387	387	—	62	62	—
Montana .....	—	1,053	1,053	—	507	507	—
Utah .....	—	689	689	—	800	800	1
Wyoming .....	—	430	430	—	466	466	—
<b>PAD District 5</b> .....	<b>12</b>	<b>3,867</b>	<b>3,879</b>	<b>13,837</b>	<b>12,901</b>	<b>26,738</b>	<b>69</b>
Alaska .....	—	762	762	—	—	—	57
Arizona .....	—	56	56	783	292	1,075	—
California .....	12	305	317	12,854	7,740	20,594	12
Hawaii .....	—	7	7	—	858	858	—
Nevada .....	—	454	454	20	219	239	—
Oregon .....	—	161	161	—	1,439	1,439	—
Washington .....	—	2,122	2,122	180	2,353	2,533	—
<b>U.S. Total</b> .....	<b>19</b>	<b>36,118</b>	<b>36,137</b>	<b>35,753</b>	<b>92,496</b>	<b>128,249</b>	<b>1,807</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, November 2012**  
(Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil <sup>1</sup>				Residual Fuel Oil	Propane/ Propylene
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
<b>PAD District 1</b> .....	<b>12,966</b>	<b>879</b>	<b>16,822</b>	<b>30,667</b>	<b>9,613</b>	<b>4,717</b>
Connecticut .....	467	8	1,836	2,311	26	—
Delaware .....	310	84	179	573	314	11
District of Columbia .....	—	—	—	—	—	—
Florida .....	1,404	105	56	1,565	1,435	18
Georgia .....	672	40	—	712	416	14
Maine .....	336	18	1,185	1,539	109	—
Maryland .....	261	7	686	954	468	3
Massachusetts .....	637	50	1,048	1,735	117	—
New Hampshire .....	219	—	302	521	50	338
New Jersey .....	2,503	77	8,086	10,666	3,238	216
New York .....	1,586	203	650	2,439	2,108	1,194
North Carolina .....	656	38	28	722	—	383
Pennsylvania .....	2,072	120	1,612	3,804	592	729
Rhode Island .....	351	—	824	1,175	12	416
South Carolina .....	433	9	—	442	301	944
Vermont .....	11	—	6	17	—	—
Virginia .....	861	104	324	1,289	427	424
West Virginia .....	187	16	—	203	—	27
<b>PAD District 2</b> .....	<b>18,220</b>	<b>430</b>	<b>693</b>	<b>19,343</b>	<b>1,305</b>	<b>21,722</b>
Illinois .....	2,787	—	—	2,787	348	807
Indiana .....	2,048	—	164	2,212	59	311
Iowa .....	1,106	39	—	1,145	17	463
Kansas .....	1,672	—	36	1,708	45	14,248
Kentucky .....	888	44	—	932	84	468
Michigan .....	1,244	—	—	1,244	90	3,326
Minnesota .....	1,355	3	36	1,394	112	324
Missouri .....	560	31	5	596	—	224
Nebraska .....	734	—	—	734	—	359
North Dakota .....	704	65	—	769	43	31
Ohio .....	1,751	25	131	1,907	182	1,037
Oklahoma .....	1,209	36	160	1,405	67	85
South Dakota .....	297	—	—	297	—	4
Tennessee .....	932	30	—	962	175	2
Wisconsin .....	933	157	161	1,251	83	33
<b>PAD District 3</b> .....	<b>18,165</b>	<b>2,144</b>	<b>4,649</b>	<b>24,958</b>	<b>21,096</b>	<b>35,778</b>
Alabama .....	599	35	39	673	732	18
Arkansas .....	515	—	64	579	—	71
Louisiana .....	4,194	782	1,312	6,288	9,838	1,782
Mississippi .....	1,026	495	150	1,671	149	2,748
New Mexico .....	354	—	79	433	68	9
Texas .....	11,477	832	3,005	15,314	10,309	31,150
<b>PAD District 4</b> .....	<b>3,062</b>	<b>110</b>	<b>107</b>	<b>3,279</b>	<b>202</b>	<b>148</b>
Colorado .....	766	—	—	766	11	15
Idaho .....	260	—	—	260	—	—
Montana .....	1,097	44	—	1,141	69	32
Utah .....	390	27	107	524	49	65
Wyoming .....	549	39	—	588	73	36
<b>PAD District 5</b> .....	<b>9,821</b>	<b>698</b>	<b>1,500</b>	<b>12,019</b>	<b>5,355</b>	<b>2,412</b>
Alaska .....	989	6	193	1,188	534	3
Arizona .....	360	9	—	369	—	1,702
California .....	5,374	174	741	6,289	2,728	603
Hawaii .....	228	3	489	720	763	78
Nevada .....	464	—	5	469	—	1
Oregon .....	731	97	33	861	268	—
Washington .....	1,675	409	39	2,123	1,062	25
<b>U.S. Total</b> .....	<b>62,234</b>	<b>4,261</b>	<b>23,771</b>	<b>90,266</b>	<b>37,571</b>	<b>64,777</b>

— = No Data Reported.

<sup>1</sup> Distillate stocks located in the "Northeast Heating Oil Reserve" are excluded. For details see Appendix D.

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

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

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



**Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, November 2012**  
(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>36</b>	<b>1,038</b>	<b>-</b>	<b>498</b>	<b>9,615</b>	<b>2,532</b>	<b>-</b>	<b>649</b>	<b>29,755</b>
<b>Petroleum Products</b> .....	<b>8,480</b>	<b>0</b>	<b>0</b>	<b>3,498</b>	<b>15,921</b>	<b>2,680</b>	<b>0</b>	<b>92,567</b>	<b>20,328</b>
Pentanes Plus .....	0	0	-	-	565	0	-	-	2,424
Liquefied Petroleum Gases .....	0	0	-	1,026	10,642	0	-	2,043	5,678
Unfinished Oils .....	65	0	-	0	363	-	-	62	260
Motor Gasoline Blending Components .....	5,186	0	0	1,156	448	380	0	41,529	5,435
Reformulated - RBOB .....	0	0	0	0	256	-	0	8,717	1,897
Conventional .....	5,186	0	0	1,156	192	380	0	32,812	3,538
CBOB .....	5,186	0	0	1,156	0	380	0	32,812	2,528
GTAB .....	-	-	-	-	-	-	-	-	-
Other .....	0	0	-	-	192	-	-	-	1,010
Renewable Fuels .....	0	0	-	23	231	-	-	60	0
Fuel Ethanol .....	0	0	-	23	231	-	-	60	0
Renewable Diesel Fuel .....	-	-	-	-	-	-	-	-	-
Other Renewable Fuels .....	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline .....	461	0	0	228	750	867	0	10,333	1,863
Reformulated .....	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol .....	-	-	-	-	-	-	-	-	-
Reformulated Other .....	-	-	-	-	-	-	-	-	-
Conventional .....	461	0	0	228	750	867	0	10,333	1,863
Conventional Blended with Fuel Ethanol .....	0	0	-	-	100	-	-	-	0
Ed55 and Lower .....	0	0	-	-	100	-	-	-	0
Greater than Ed55 .....	-	-	-	-	-	-	-	-	-
Conventional Other .....	461	0	0	228	650	867	0	10,333	1,863
Finished Aviation Gasoline .....	-	0	-	0	0	-	-	44	-
Kerosene-Type Jet Fuel .....	173	0	0	145	18	809	0	15,047	1,476
Kerosene .....	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil .....	2,567	0	0	807	1,974	624	0	22,122	2,851
15 ppm sulfur and under .....	2,497	0	0	734	411	624	0	17,779	2,610
Greater than 15 ppm to 500 ppm sulfur .....	70	0	0	73	1,563	0	0	118	241
Greater than 500 ppm sulfur .....	-	0	-	0	0	-	-	4,225	-
Residual Fuel Oil .....	0	0	-	16	796	-	-	596	0
Petrochemical Feedstocks .....	28	0	-	0	42	-	-	65	0
Naphtha for Petrochemical Feedstock Use .....	0	0	-	0	42	-	-	65	0
Other Oils for Petrochemical Feedstock Use .....	28	-	-	0	-	-	-	0	0
Special Naphthas .....	0	0	-	-	0	-	-	-	8
Lubricants .....	0	0	0	0	6	-	0	493	264
Waxes .....	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil .....	0	0	-	97	86	-	-	173	69
Miscellaneous Products .....	-	-	-	-	-	-	-	-	-
<b>Total</b> .....	<b>8,516</b>	<b>1,038</b>	<b>0</b>	<b>3,996</b>	<b>25,536</b>	<b>5,212</b>	<b>0</b>	<b>93,216</b>	<b>50,083</b>

See footnotes at end of table.

**Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, November 2012**  
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to			From 5 to			
	4	5	2	3	5	1	2	3	4
<b>Crude Oil</b> .....	0	-	7,280	0	-	0	0	0	0
<b>Petroleum Products</b> .....	0	4,526	5,549	4,752	1,249	0	0	0	0
Pentanes Plus .....	0	-	472	653	-	-	0	0	0
Liquefied Petroleum Gases .....	0	-	4,114	4,099	-	0	0	0	0
Unfinished Oils .....	-	-	0	0	-	0	0	0	-
Motor Gasoline Blending Components .....	0	3,369	20	0	0	0	0	0	0
Reformulated - RBOB .....	-	2,130	0	0	0	0	0	0	-
Conventional .....	0	1,239	20	0	0	0	0	0	0
CBOB .....	0	1,239	20	0	0	0	0	0	0
GTAB .....	-	-	-	-	-	-	-	-	-
Other .....	-	-	0	0	-	-	0	0	-
Renewable Fuels .....	-	-	0	0	-	0	0	0	-
Fuel Ethanol .....	-	-	0	0	-	0	0	0	-
Renewable Diesel Fuel .....	-	-	-	-	-	-	-	-	-
Other Renewable Fuels .....	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline .....	0	0	454	0	1,055	0	0	0	0
Reformulated .....	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol .....	-	-	-	-	-	-	-	-	-
Reformulated Other .....	-	-	-	-	-	-	-	-	-
Conventional .....	0	0	454	0	1,055	0	0	0	0
Conventional Blended with Fuel Ethanol .....	-	-	0	0	-	-	0	0	-
Ed55 and Lower .....	-	-	0	0	-	-	0	0	-
Greater than Ed55 .....	-	-	-	-	-	-	-	-	-
Conventional Other .....	0	0	454	0	1,055	0	0	0	0
Finished Aviation Gasoline .....	-	-	-	0	-	0	0	0	-
Kerosene-Type Jet Fuel .....	0	257	36	0	0	0	0	0	0
Kerosene .....	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil .....	0	880	453	0	194	0	0	0	0
15 ppm sulfur and under .....	0	880	453	0	112	0	0	0	0
Greater than 15 ppm to 500 ppm sulfur .....	0	0	0	0	82	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	0	0	-
Naphtha for Petrochemical Feedstock Use .....	-	-	0	0	-	0	0	0	-
Other Oils for Petrochemical Feedstock Use .....	-	-	0	-	-	0	0	-	-
Special Naphthas .....	-	-	0	0	-	-	0	0	-
Lubricants .....	-	20	0	0	0	0	0	0	-
Waxes .....	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil .....	-	-	0	0	-	0	0	0	-
Miscellaneous Products .....	-	-	-	-	-	-	-	-	-
<b>Total</b> .....	<b>0</b>	<b>4,526</b>	<b>12,829</b>	<b>4,752</b>	<b>1,249</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report."

**Table 58. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, November 2012**  
(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>0</b>	<b>855</b>	<b>185</b>	<b>7,872</b>	<b>2,532</b>	<b>649</b>	<b>29,755</b>	<b>0</b>	<b>-</b>
<b>Petroleum Products</b> .....	<b>8,387</b>	<b>0</b>	<b>1,739</b>	<b>12,271</b>	<b>2,680</b>	<b>73,685</b>	<b>19,169</b>	<b>0</b>	<b>4,506</b>
Pentanes Plus .....	0	0	-	565	0	-	2,424	0	-
Liquefied Petroleum Gases .....	0	0	1,026	10,642	0	2,043	5,678	0	-
<b>Motor Gasoline Blending Components</b> .....	<b>5,186</b>	<b>0</b>	<b>96</b>	<b>256</b>	<b>380</b>	<b>32,240</b>	<b>5,300</b>	<b>0</b>	<b>3,369</b>
Reformulated - RBOB .....	0	0	0	256	-	8,631	1,897	-	2,130
Conventional .....	5,186	0	96	0	380	23,609	3,403	0	1,239
CBOB .....	5,186	0	96	0	380	23,609	2,528	0	1,239
GTAB .....	-	-	-	-	-	-	-	-	-
Other .....	0	0	-	0	-	-	875	-	-
<b>Renewable Fuels</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Fuel Ethanol .....	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel .....	-	-	-	-	-	-	-	-	-
Other Renewable Fuels .....	-	-	-	-	-	-	-	-	-
<b>Finished Motor Gasoline</b> .....	<b>461</b>	<b>0</b>	<b>205</b>	<b>449</b>	<b>867</b>	<b>7,421</b>	<b>1,693</b>	<b>0</b>	<b>0</b>
Reformulated .....	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol .....	-	-	-	-	-	-	-	-	-
Reformulated Other .....	-	-	-	-	-	-	-	-	-
Conventional .....	461	0	205	449	867	7,421	1,693	0	0
Conventional Blended with Fuel Ethanol .....	-	-	-	-	-	-	-	-	-
Ed55 and Lower .....	-	-	-	-	-	-	-	-	-
Greater than Ed55 .....	-	-	-	-	-	-	-	-	-
Conventional Other .....	461	0	205	449	867	7,421	1,693	0	0
Finished Aviation Gasoline .....	-	-	-	-	-	-	-	-	-
<b>Kerosene-Type Jet Fuel</b> .....	<b>173</b>	<b>0</b>	<b>145</b>	<b>18</b>	<b>809</b>	<b>12,941</b>	<b>1,476</b>	<b>0</b>	<b>257</b>
Kerosene .....	-	-	-	-	-	-	-	-	-
<b>Distillate Fuel Oil</b> .....	<b>2,567</b>	<b>0</b>	<b>267</b>	<b>341</b>	<b>624</b>	<b>19,040</b>	<b>2,598</b>	<b>0</b>	<b>880</b>
15 ppm sulfur and under .....	2,497	0	194	341	624	14,739	2,437	0	880
Greater than 15 ppm to 500 ppm sulfur .....	70	0	73	0	0	76	161	0	0
Greater than 500 ppm sulfur .....	-	0	0	0	-	4,225	-	-	-
Residual Fuel Oil .....	-	-	-	-	-	-	-	-	-
Miscellaneous Products .....	-	-	-	-	-	-	-	-	-
<b>Total</b> .....	<b>8,387</b>	<b>855</b>	<b>1,924</b>	<b>20,143</b>	<b>5,212</b>	<b>74,334</b>	<b>48,924</b>	<b>0</b>	<b>4,506</b>

See footnotes at end of table.

**Table 58. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, November 2012**  
(Thousand Barrels) — Continued

Commodity	From 4 to			From 5 to	
	2	3	5	3	4
<b>Crude Oil</b> .....	<b>7,280</b>	<b>0</b>	<b>-</b>	<b>0</b>	<b>0</b>
<b>Petroleum Products</b> .....	<b>5,549</b>	<b>4,752</b>	<b>1,249</b>	<b>0</b>	<b>0</b>
Pentanes Plus .....	472	653	-	0	0
Liquefied Petroleum Gases .....	4,114	4,099	-	0	0
Motor Gasoline Blending Components .....	20	0	0	0	0
Reformulated - RBOB .....	0	0	0	0	-
Conventional .....	20	0	0	0	0
CBOB .....	20	0	0	0	0
GTAB .....	-	-	-	-	-
Other .....	0	0	-	0	-
Renewable Fuels .....	-	-	-	-	-
Fuel Ethanol .....	-	-	-	-	-
Renewable Diesel Fuel .....	-	-	-	-	-
Other Renewable Fuels .....	-	-	-	-	-
Finished Motor Gasoline .....	454	0	1,055	0	0
Reformulated .....	-	-	-	-	-
Reformulated Blended with Fuel Ethanol .....	-	-	-	-	-
Reformulated Other .....	-	-	-	-	-
Conventional .....	454	0	1,055	0	0
Conventional Blended with Fuel Ethanol .....	-	-	-	-	-
Ed55 and Lower .....	-	-	-	-	-
Greater than Ed55 .....	-	-	-	-	-
Conventional Other .....	454	0	1,055	0	0
Finished Aviation Gasoline .....	-	-	-	-	-
Kerosene-Type Jet Fuel .....	36	0	0	0	0
Kerosene .....	-	-	-	-	-
Distillate Fuel Oil .....	453	0	194	0	0
15 ppm sulfur and under .....	453	0	112	0	0
Greater than 15 ppm to 500 ppm sulfur .....	0	0	82	0	0
Greater than 500 ppm sulfur .....	-	0	-	0	-
Residual Fuel Oil .....	-	-	-	-	-
Miscellaneous Products .....	-	-	-	-	-
<b>Total</b> .....	<b>12,829</b>	<b>4,752</b>	<b>1,249</b>	<b>0</b>	<b>0</b>

- = No Data Reported.

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

**Table 59. Movements of Crude Oil and Petroleum Products by Tanker, and Barge Between PAD Districts, November 2012**  
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
<b>Crude Oil</b> .....	<b>36</b>	<b>183</b>	<b>-</b>	<b>313</b>	<b>1,743</b>	<b>-</b>
<b>Petroleum Products</b> .....	<b>93</b>	<b>0</b>	<b>0</b>	<b>1,759</b>	<b>3,650</b>	<b>0</b>
Liquefied Petroleum Gases .....	-	-	-	-	-	-
Unfinished Oils .....	65	0	-	0	363	-
Motor Gasoline Blending Components .....	0	0	-	1,060	192	-
Reformulated - RBOB .....	-	-	-	0	0	-
Conventional .....	0	0	-	1,060	192	-
CBOB .....	0	0	-	1,060	0	-
GTAB .....	-	-	-	-	-	-
Other .....	0	0	-	-	192	-
Renewable Fuels .....	0	0	-	23	231	-
Fuel Ethanol .....	0	0	-	23	231	-
Renewable Diesel Fuel .....	-	-	-	-	-	-
Other Renewable Fuels .....	-	-	-	-	-	-
Finished Motor Gasoline .....	0	0	-	23	301	-
Reformulated .....	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol .....	-	-	-	-	-	-
Reformulated Other .....	-	-	-	-	-	-
Conventional .....	0	0	-	23	301	-
Conventional Blended with Fuel Ethanol .....	0	0	-	-	100	-
Ed55 and Lower .....	0	0	-	-	100	-
Greater than Ed55 .....	-	-	-	-	-	-
Conventional Other .....	0	0	-	23	201	-
Finished Aviation Gasoline .....	-	0	-	0	0	-
Kerosene-Type Jet Fuel .....	-	0	-	0	0	-
Kerosene .....	-	-	-	-	-	-
Distillate Fuel Oil .....	0	0	-	540	1,633	-
15 ppm sulfur and under .....	0	0	-	540	70	-
Greater than 15 ppm to 500 ppm sulfur .....	0	0	-	0	1,563	-
Greater than 500 ppm sulfur .....	-	-	-	-	-	-
Residual Fuel Oil .....	0	0	-	16	796	-
Less than 0.31 percent sulfur .....	-	-	-	-	-	-
0.31 to 1.00 percent sulfur .....	-	0	-	0	0	-
Greater than 1.00 percent sulfur .....	0	0	-	16	796	-
Petrochemical Feedstocks .....	28	0	-	0	42	-
Naphtha for Petrochemical Feedstock Use .....	0	0	-	0	42	-
Other Oils for Petrochemical Feedstock Use .....	28	-	-	0	-	-
Special Naphthas .....	0	0	-	-	0	-
Lubricants .....	0	0	0	0	6	0
Waxes .....	-	-	-	-	-	-
Asphalt and Road Oil .....	0	0	-	97	86	-
Miscellaneous Products .....	-	-	-	-	-	-
<b>Total</b> .....	<b>129</b>	<b>183</b>	<b>0</b>	<b>2,072</b>	<b>5,393</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, November 2012**  
(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>0</b>	-	-	-	<b>0</b>	-	<b>0</b>	<b>0</b>	<b>0</b>
<b>Petroleum Products</b> .....	<b>18,882</b>	<b>217</b>	<b>705</b>	<b>17,960</b>	<b>1,159</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>
Liquefied Petroleum Gases .....	-	-	-	-	-	-	-	-	-
Unfinished Oils .....	62	17	-	45	260	-	0	0	0
Motor Gasoline Blending Components .....	9,289	200	290	8,799	135	-	0	0	0
Reformulated - RBOB .....	86	-	86	-	-	-	0	-	0
Conventional .....	9,203	200	204	8,799	135	-	0	0	0
CBOB .....	9,203	200	204	8,799	0	-	0	0	0
GTAB .....	-	-	-	-	-	-	-	-	-
Other .....	-	-	-	-	135	-	-	0	0
Renewable Fuels .....	60	-	-	60	0	-	0	0	0
Fuel Ethanol .....	60	-	-	60	0	-	0	0	0
Renewable Diesel Fuel .....	-	-	-	-	-	-	-	-	-
Other Renewable Fuels .....	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline .....	2,912	-	-	2,912	170	-	0	0	0
Reformulated .....	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol .....	-	-	-	-	-	-	-	-	-
Reformulated Other .....	-	-	-	-	-	-	-	-	-
Conventional .....	2,912	-	-	2,912	170	-	0	0	0
Conventional Blended with Fuel Ethanol .....	-	-	-	-	0	-	-	0	0
Ed55 and Lower .....	-	-	-	-	0	-	-	0	0
Greater than Ed55 .....	-	-	-	-	-	-	-	-	-
Conventional Other .....	2,912	-	-	2,912	170	-	0	0	0
Finished Aviation Gasoline .....	44	-	-	44	-	-	0	-	0
Kerosene-Type Jet Fuel .....	2,106	-	-	2,106	-	-	0	-	0
Kerosene .....	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil .....	3,082	-	153	2,929	253	-	0	0	0
15 ppm sulfur and under .....	3,040	-	153	2,887	173	-	0	0	0
Greater than 15 ppm to 500 ppm sulfur .....	42	-	-	42	80	-	0	0	0
Greater than 500 ppm sulfur .....	-	-	-	-	-	-	-	-	-
Residual Fuel Oil .....	596	-	-	596	0	-	0	0	0
Less than 0.31 percent sulfur .....	-	-	-	-	-	-	-	-	-
0.31 to 1.00 percent sulfur .....	187	-	-	187	-	-	0	-	0
Greater than 1.00 percent sulfur .....	409	-	-	409	0	-	0	0	0
Petrochemical Feedstocks .....	65	-	-	65	0	-	0	0	0
Naphtha for Petrochemical Feedstock Use .....	65	-	-	65	0	-	0	0	0
Other Oils for Petrochemical Feedstock Use .....	0	-	-	-	0	-	0	0	-
Special Naphthas .....	-	-	-	-	8	-	-	0	0
Lubricants .....	493	-	262	231	264	20	0	0	0
Waxes .....	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil .....	173	-	-	173	69	-	0	0	0
Miscellaneous Products .....	-	-	-	-	-	-	-	-	-
<b>Total</b> .....	<b>18,882</b>	<b>217</b>	<b>705</b>	<b>17,960</b>	<b>1,159</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>

- = No Data Reported.

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

**Table 60. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, November 2012**  
(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>1,147</b>	<b>1,074</b>	<b>73</b>	<b>37,071</b>	<b>12,645</b>	<b>24,426</b>	<b>10,653</b>	<b>30,404</b>	<b>-19,751</b>
<b>Petroleum Products</b>	<b>96,065</b>	<b>8,480</b>	<b>95,476</b>	<b>34,357</b>	<b>22,099</b>	<b>-3,461</b>	<b>20,673</b>	<b>117,421</b>	<b>-93,156</b>
Pentanes Plus	0	0	-	2,896	565	2,331	1,218	2,424	-1,206
Liquefied Petroleum Gases	3,069	0	3,069	9,792	11,668	-1,876	14,741	7,721	7,020
Ethane/Ethylene	0	0	-	3,369	6,332	-2,963	8,526	1,084	7,442
Propane/Propylene	2,971	0	2,971	4,023	4,370	-347	4,636	4,920	-284
Normal Butane/Butylene	98	0	98	1,448	588	860	870	1,056	-186
Isobutane/Isobutylene	0	0	-	952	378	574	709	661	48
Unfinished Oils	62	65	-3	325	363	-38	363	322	41
Motor Gasoline Blending Components	42,685	5,186	37,499	10,641	1,984	8,657	448	50,333	-49,885
Reformulated - RBOB	8,717	0	8,717	1,897	256	1,641	256	12,744	-12,488
Conventional	33,968	5,186	28,782	8,744	1,728	7,016	192	37,589	-37,397
CBOB	33,968	5,186	28,782	7,734	1,536	6,198	0	36,579	-36,579
GTAB	0	0	-	-	-	-	-	-	-
Other	0	0	-	1,010	192	818	192	1,010	-818
Renewable Fuels	83	0	7,974	0	254	-15,973	231	60	3,763
Fuel Ethanol	83	0	7,651	0	254	-15,453	231	60	3,808
Renewable Diesel Fuel	0	0	323	0	0	-520	0	0	-45
Other Renewable Fuels	-	-	-	-	-	-	0	0	-
Finished Motor Gasoline	10,561	461	10,100	2,778	1,845	933	750	12,196	-11,446
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	10,561	461	10,100	2,778	1,845	933	750	12,196	-11,446
Conventional Blended with Fuel Ethanol	0	0	-	0	100	-100	100	0	100
Ed55 and Lower	0	0	-	0	100	-100	100	0	100
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	10,561	461	10,100	2,778	1,745	1,033	650	12,196	-11,546
Finished Aviation Gasoline	44	0	44	0	0	-	0	44	-44
Kerosene-Type Jet Fuel	15,192	173	15,019	1,685	972	713	18	16,780	-16,762
Kerosene	0	0	-	0	0	-	0	0	-
Distillate Fuel Oil	22,929	2,567	20,362	5,871	3,405	2,466	1,974	25,853	-23,879
15 ppm sulfur and under	18,513	2,497	16,016	5,560	1,769	3,791	411	21,269	-20,858
Greater than 15 ppm to 500 ppm sulfur	191	70	121	311	1,636	-1,325	1,563	359	1,204
Greater than 500 ppm sulfur	4,225	0	4,225	0	0	-	0	4,225	-4,225
Residual Fuel Oil	612	0	612	0	812	-812	796	596	200
Petrochemical Feedstocks	65	28	37	28	42	-14	42	65	-23
Naphtha for Petrochemical Feedstock Use	65	0	65	0	42	-42	42	65	-23
Other Oils for Petrochemical Feedstock Use	0	28	-28	28	0	28	0	0	-
Special Naphthas	0	0	-	8	0	8	0	8	-8
Lubricants	493	0	493	264	6	258	6	777	-771
Waxes	0	0	-	0	0	-	0	0	-
Asphalt and Road Oil	270	0	270	69	183	-114	86	242	-156
Miscellaneous Products	0	0	-	0	0	-	0	0	-
<b>Total</b>	<b>97,212</b>	<b>9,554</b>	<b>95,549</b>	<b>71,428</b>	<b>34,744</b>	<b>20,965</b>	<b>31,326</b>	<b>147,825</b>	<b>-112,907</b>

See footnotes at end of table.

**Table 60. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, November 2012**  
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
<b>Crude Oil</b> .....	<b>2,532</b>	<b>7,280</b>	<b>-4,748</b>	<b>0</b>	<b>0</b>	<b>-</b>
<b>Petroleum Products</b> .....	<b>2,680</b>	<b>11,550</b>	<b>-8,566</b>	<b>5,775</b>	<b>0</b>	<b>9,706</b>
Pentanes Plus .....	0	1,125	-1,125	0	0	-
Liquefied Petroleum Gases .....	0	8,213	-8,213	0	0	-
Ethane/Ethylene .....	0	4,479	-4,479	0	0	-
Propane/Propylene .....	0	2,340	-2,340	0	0	-
Normal Butane/Butylene .....	0	772	-772	0	0	-
Isobutane/Isobutylene .....	0	622	-622	0	0	-
Unfinished Oils .....	0	0	-	0	0	-
Motor Gasoline Blending Components .....	380	20	360	3,369	0	3,369
Reformulated - RBOB .....	-	-	-	2,130	0	2,130
Conventional .....	380	20	360	1,239	0	1,239
CBOB .....	380	20	360	1,239	0	1,239
GTAB .....	-	-	-	-	-	-
Other .....	0	0	-	0	0	-
Renewable Fuels .....	0	0	304	0	0	3,931
Fuel Ethanol .....	0	0	276	0	0	3,718
Renewable Diesel Fuel .....	0	0	28	0	0	213
Other Renewable Fuels .....	-	-	-	-	-	-
Finished Motor Gasoline .....	867	1,509	-642	1,055	0	1,055
Reformulated .....	-	-	-	0	0	-
Reformulated Blended with Fuel Ethanol .....	-	-	-	0	0	-
Reformulated Other .....	-	-	-	-	-	-
Conventional .....	867	1,509	-642	1,055	0	1,055
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 .....	867	1,509	-642	1,055	0	1,055
Finished Aviation Gasoline .....	0	0	-	0	0	-
Kerosene-Type Jet Fuel .....	809	36	773	257	0	257
Kerosene .....	0	0	-	0	0	-
Distillate Fuel Oil .....	624	647	-23	1,074	0	1,074
15 ppm sulfur and under .....	624	565	59	992	0	992
Greater than 15 ppm to 500 ppm sulfur .....	0	82	-82	82	0	82
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	-	0	0	-
Lubricants .....	0	0	-	20	0	20
Waxes .....	0	0	-	0	0	-
Asphalt and Road Oil .....	0	0	-	0	0	-
Miscellaneous Products .....	0	0	-	0	0	-
<b>Total</b> .....	<b>5,212</b>	<b>18,830</b>	<b>-13,314</b>	<b>5,775</b>	<b>0</b>	<b>9,706</b>

- = No Data Reported.

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."



## 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.

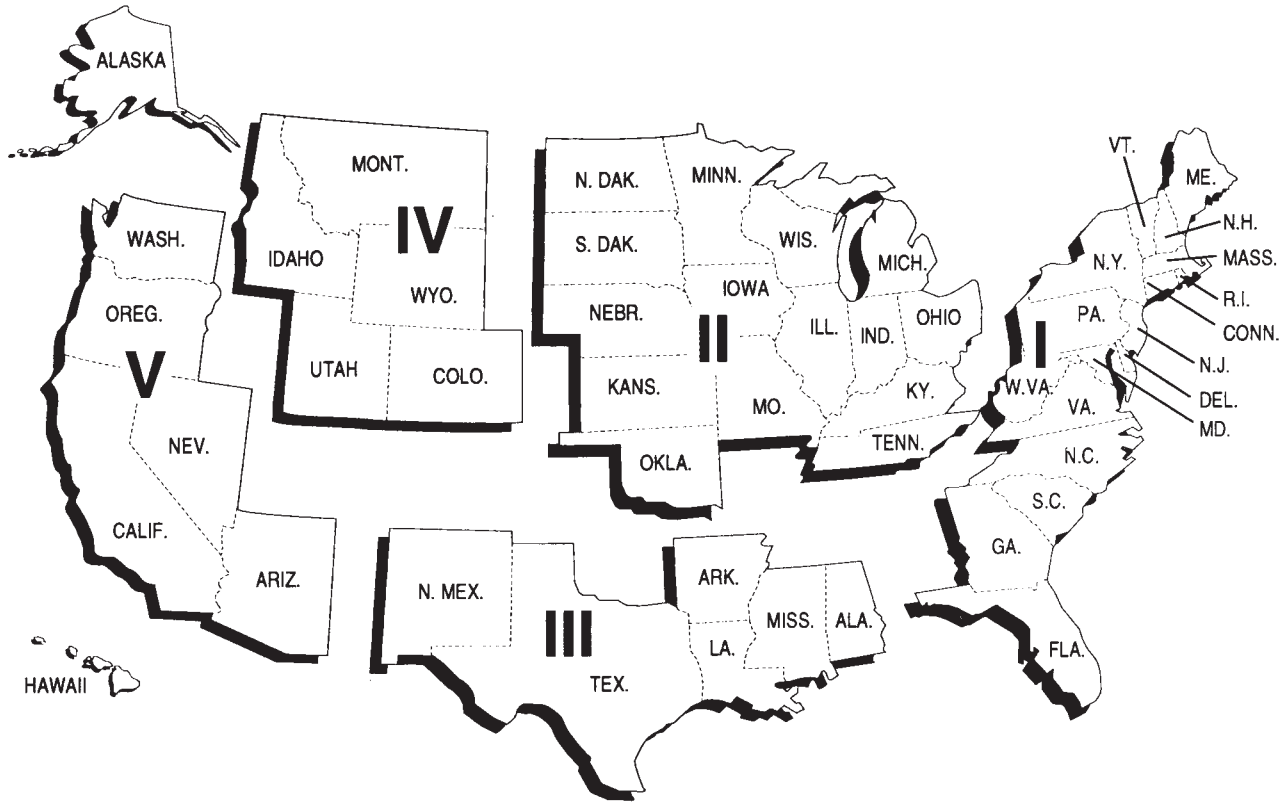
### **PAD District IV**

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

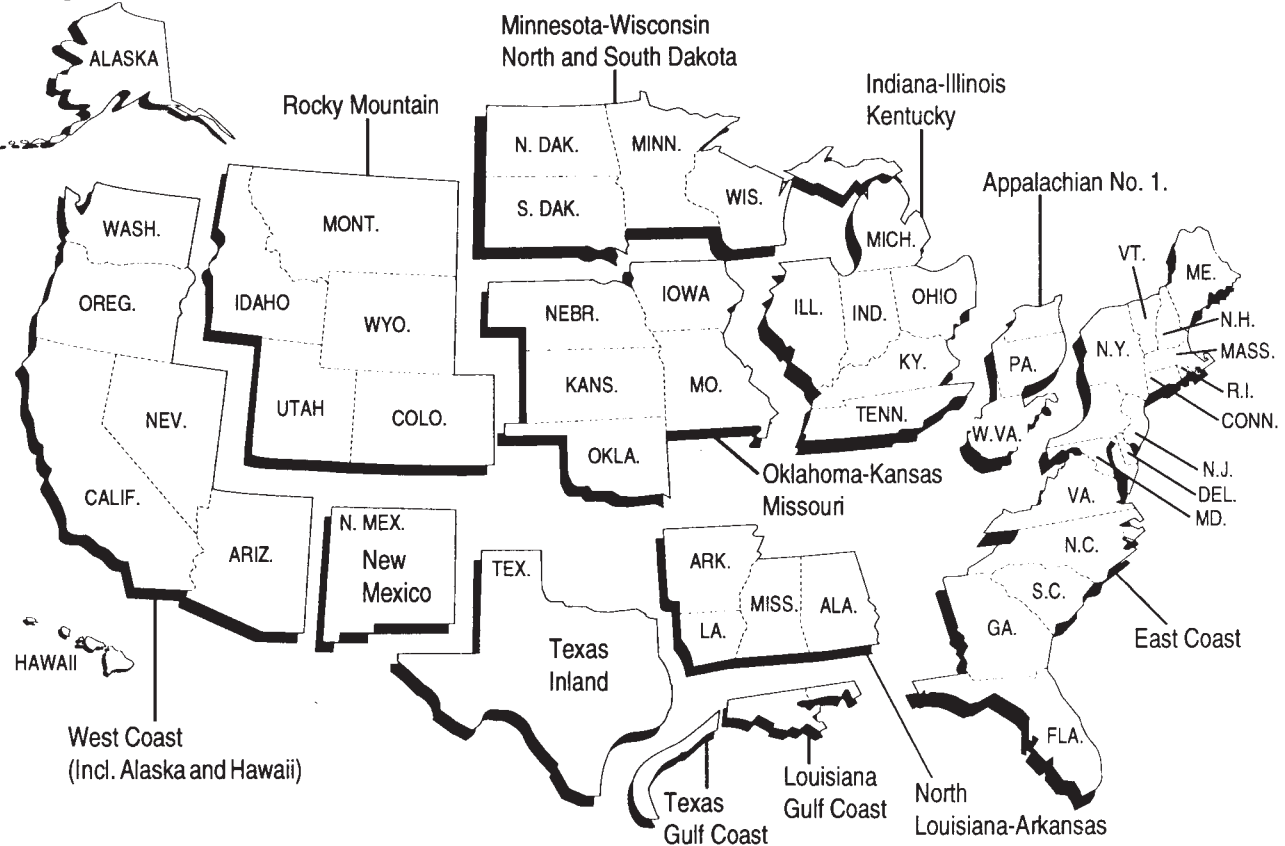
### **PAD District V**

**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.....	124
Appendix B. Explanatory Notes .....	125
1. Overview.....	125
A. The Energy Information Administration’s Quality Guidelines .....	125
B. Concepts of Product Supply and Demand .....	125
C. Components of Supply and Demand .....	125
(1.) Supply.....	125
(2.) Disposition.....	126
(3.) Ending Stocks.....	127
2. Components - Forms Discussions .....	127
A. Petroleum Supply Reporting System.....	127
B. Monthly Supply Survey Description and Methodology .....	127
(1.) Description of Survey Forms.....	127
(2.) Frame.....	128
(3.) Collection .....	129
(4.) Processing and Micro Editing .....	129
(5.) Estimation and Imputation .....	129
(6.) Macro Editing.....	129
(7.) Dissemination.....	129
C. Derived Data .....	130
(1.) Domestic Crude Oil Production .....	130
(2.) Exports.....	130
(3.) Stocks of Crude Oil on Leases .....	130
(4.) Trans-Akaska Pipeline System (TAPS) Natural Gas Plant Liquids (NGPL) Adjustment.....	131
(5.) Finished Motor Gasoline Adjustment .....	131
(6.) Motor Gasoline Blending Components Adjustment .....	132
(7.) Renewable Fuels including Fuel Ethanol Adjustment .....	132
(8.) Distillate Fuel Oil Adjustment.....	133
(9.) Crude Oil Adjustment.....	133
(10.) Other Hydrocarbon Adjustment .....	133
(11.) Hydrogren Adjustment .....	133
(12.) Oxygenates (excluding fuel ethanol) Adjustment .....	133
3. Quality .....	134
A. General Discussion .....	134
(1.) Response Rates.....	134
(2.) Non-sampling Errors .....	134
(3.) Resubmissions .....	134
(4.) Revision Policy.....	134
B. Data Assessment .....	134
4. Provisions Regarding Disclosure of Information .....	134

Table B1. Finished Motor Gasoline Product Supplied and Gasoline Supply Added by Adjustments to Motor Gasoline Blending Components and Fuel Ethanol .....	136
--	-----

## Preface

The *Petroleum Supply Monthly (PSM)* is the monthly component of a series of three publications concerning the supply and disposition of crude oil and petroleum products produced by the Petroleum Division of the 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 a comprehensive snapshot of petroleum supply data on a weekly, monthly and yearly 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: petroleum refiners, motor gasoline blenders, operators of natural gas processing plants and fractionators, inter-PAD District transporters, importers, and major inventory holders of petroleum products and crude oil. When aggregated, the data reported by these sectors approximately represent the consumption of petroleum products in the United States.

The *PSM* tables present 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 level, 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.

Final statistics for the data series published in the *PSM* are published in the *PSA*. The *PSA* is published approximately five months after the end of the report year.

## New in 2010

Several publication changes were implemented beginning with data for January 2010 PSM. The 2010 changes to the PSM include:

- added a new table to consolidate crude oil data
- removed certain crude oil details included in the new crude oil table from existing supply and disposition tables,
- changed motor gasoline product categories
  - Motor gasoline blending components, reformulated blended with ether and reformulated blended with alcohol were collapsed into a single category: Reformulated blendstock (RBOB);
  - Motor gasoline blending components, reformulated and conventional gasoline treated as blendstock (GTAB) categories were collapsed into a single category: GTAB;
  - Finished motor gasoline, reformulated blended with ether and reformulated blended with alcohol were collapsed into a single category: Reformulated blended with fuel ethanol;
  - Finished motor gasoline, conventional blended with fuel ethanol was split into two separate categories: Ed55 and lower and Greater than Ed55.
- changed gasoline adjustment calculations including elimination of the MTBE adjustment,
- added gains and losses at blending terminals to applicable tables
- changed various product labels.

## Appendix B. Explanatory Notes

### 1. Overview

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

The data contained in the *Petroleum Supply Monthly (PSM)* are subject to separate 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. Information about EIA's quality program is available at <http://www.eia.doe.gov/smg/EIA-IQ-Guidelines.html>.

#### B. Concepts of Product Supply and Demand

Petroleum supply estimates contained in the *PSM* are often interpreted as an approximation 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 products from facilities and activities in the "primary" supply chain. Facilities and activities in the primary supply chain include refineries and blending terminals, gas processing plants and fractionators, oxygenate producers, biodiesel producers, imports, exports, bulk storage terminals, and pipelines. Total product supplied in the *PSM* at the U.S. level is equal to the sum of field production, plus refinery and blender net production, plus renewable fuels, and oxygenate plant net production, plus imports, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports. Net receipts are added as a component of supply at the PAD District level. Crude oil product supplied is normally zero because crude oil is processed in refineries and rarely, if ever, used directly.

The secondary system is that portion of the overall distribution network that falls between producers and end-users. Product typically flows in bulk from the primary supply system into the secondary system before delivery in small quantities to consumers (the tertiary system). The secondary system includes storage at bulk plants; at retail motor fuel outlets, such as service stations, truck stops, and convenience stores; and at retail fuel oil dealers. Bulk plants are wholesale storage facilities that have less than 50,000 barrels of storage capacity and, by definition, receive product only by tank car or truck, 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, jet fuel stored in facilities operated by end users, and certain proprietary storage of raw materials for the chemical industry (ethylene, propylene, etc.).

Data users sometimes consider demand as sales to the ultimate consumer or as the actual consumption of the product. Since there may be time delays between the movement of product into the primary market and its ultimate purchase or consumption, these definitions of demand require data on changes in secondary and/or tertiary stocks or

the assumption that these values either remain constant or are small compared to primary supply. The most recent study of secondary stocks was done by the National Petroleum Council in 1989. This study revealed that secondary distillate stocks were equal to about 6.9 percent of distillate stocks and 6.7 percent of distillate storage capacity. The study also noted that secondary storage capacity was decreasing due to EPA regulations.

#### 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 and the Mineral Management Service of the U.S. Department of the Interior. 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 and Oxygenate Plant Net Production are reported on Forms EIA-819 and EIA-22M. Production includes oxygenates (fuel ethanol, ETBE, MTBE, and other oxygenates) plus negative production of pentanes plus, finished motor gasoline, and motor gasoline blending components added to fuel ethanol as denaturants as well as biodiesel. 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 reported as input during the same month.

c. Refinery and Blender Net Production – Refinery and Blender Net Production is reported on Form EIA-810 and EIA-815. Refinery and Blender Net Production equals refinery and blenders production minus refinery and blender net 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 or 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 between PAD Districts are shown in Table 60.

Data for inter-PAD District movements of fuel ethanol and biodiesel (included in “Renewable Fuels Except Fuel Ethanol”) by railroad tank cars and trucks are not currently available. Net Receipts are therefore “implied” for fuel ethanol and biodiesel. Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.”

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. Adjustment quantities are derived either to balance supply and disposition for selected products or to reclassify one product to another product. Product supplied is the balancing item for most products and is interpreted as an implied measure of petroleum demand. Adjustments are used 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.

## (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, liquefied petroleum gases, pentanes plus, hydrogen, oxygenates, renewable fuels, and other hydrocarbons) that are 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).

Inputs of natural gas plant liquids are refinery input of natural gas liquids received from natural gas plants for blending and processing. Published inputs of natural gas plant liquids are reported on a gross basis.

Inputs of unfinished oils, motor gasoline blending components, and aviation gasoline blending components are published on a net basis (i.e., refinery input minus refinery 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 equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, (plus net receipts on a PAD District basis), plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

A product supplied value indicates those 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 PAD District basis, the figure for net receipts was inaccurate because the coverage of inter-PAD 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., streams returned to refineries from petrochemical plants.

Beginning with data for January 2010, product supplied for crude oil is assumed equal to zero. Prior to January 1983, crude oil burned on leases and by pipelines as fuel was reported as either distillate or residual fuel oil and was included in product supplied for these products. From January 1983 through December 2009, crude oil product supplied was equal to crude oil used directly as reported on Form EIA-813 “Monthly Crude Oil Report.” Reporting of crude oil used directly was discontinued on Form EIA-813 after December 2009.

### (3.) Ending Stocks

Ending stocks are 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. Primary stocks of petroleum products also exclude secondary stocks held by dealers and jobbers and tertiary stocks held by consumers. Inventories classified as “Distillate Fuel Oil - Greater than 0.05 percent sulfur” stored in the Northeast Heating Oil Reserve are not considered to be in the commercial sector and therefore are excluded from distillate fuel oil ending stocks. The data are shown in Appendix D, Northeast Heating Oil Reserve.

## 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 obtained 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 natural 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 seven weekly surveys. The MPSRS includes nine monthly surveys and one annual survey. The survey forms that comprise the PSRS are:

1. EIA-800, “Weekly Refinery Report,”
2. EIA-801, “Weekly Bulk Terminal Report,”
3. EIA-802, “Weekly Product Pipeline Report,”
4. EIA-803, “Weekly Crude Oil Stocks Report,”
5. EIA-804, “Weekly Imports Report,”
6. EIA-805, “Weekly Terminal Blender Report,”
7. EIA-809, “Weekly Oxygenate Report,”
8. EIA-22M, “Monthly Biodiesel Production Survey,”
9. EIA-810, “Monthly Refinery Report,”
10. EIA-812, “Monthly Product Pipeline Report,”
11. EIA-813, “Monthly Crude Oil Report,”
12. EIA-814, “Monthly Imports Report,”
13. EIA-815, “Monthly Terminal Blender Report.”
14. EIA-816, “Monthly Natural Gas Liquids Report”
15. EIA-817, “Monthly Tanker and Barge Movement Report”
16. EIA-819, “Monthly Oxygenate Report”
17. EIA-820, “Annual Refinery Report.”

Both weekly and monthly surveys are administered at six key points

along the petroleum production and supply chain: (1) refineries, fractionators, and gas processing plants, (2) bulk terminals and blenders, (3) crude oil and product pipelines, (4) crude oil stock holders, (5) importers, and (6) oxygenate and biodiesel plants. Monthly surveys also include inter-PAD District movements by pipelines, tankers, and barges. Weekly surveys do not capture petroleum movements. Data collected weekly using Forms EIA-800 through EIA-805 and EIA-809 are similar to, though less detailed than, the data collected monthly using Forms EIA-810, EIA-812 through EIA-815 and 819. Respondents reporting to the weekly surveys constitute a sample of those reporting on the monthly 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: [http://www.eia.doe.gov/oil\\_gas/petroleum/survey\\_forms/pet\\_survey\\_forms.html](http://www.eia.doe.gov/oil_gas/petroleum/survey_forms/pet_survey_forms.html)

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.

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 a semi-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. Product pipeline tank storage capacity for selected products is collected on a semi-annual basis.

The Form EIA-813, “Monthly Crude Oil Report,” collects data on end-of-month stock levels of crude oil held at pipeline and tank farms (associated with the pipelines) and terminals operated by the reporting company. Also, crude oil consumed by pipelines and on leases as pump fuel, boiler fuel, etc., is reported. Data are reported on a PAD District basis. Total Alaskan crude oil stocks in-transit by water (including stocks held at transshipment terminals between Alaska and the continental United States) to the 50 States, the District of Columbia, Puerto Rico, and the Virgin Islands are also reported by the transporting company having custody of the stocks. Inter-PAD District movements of crude oil by pipeline are collected by the shipping and receiving PAD District. Intermediate movements for pipeline systems operating in more than two PAD Districts are not included. Crude oil storage capacity of

tank farms is collected on a semi-annual basis.

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, unfinished oils, and gasoline blending components only.

The Form EIA-815, "Monthly Terminal Blender 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 a semi-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 Oxygenate Report" collects facility-level data on oxygenate inputs, production, gasoline blending at ethanol plants, and end-of-month stocks. Data on end-of-month stocks are reported on a custody basis regardless of ownership. Fuel ethanol storage capacity is collected on a semi-annual basis.

## (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.

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 producers, terminal operators, storers of crude oil (except refineries), and companies transporting Alaskan crude oil by water 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 Terminal Blender 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 Oxygenate Report" include all operators of facilities that produce (manufacture or distill) oxygenates (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 facsimile, email, 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. Imputation is performed for companies that fail to file Forms EIA-22M, 810, 812, 813, 815, 816, and 819. For these companies, previous monthly values and values reported on the weekly survey forms are used if available. Data for nonrespondents to the Forms EIA-814 and 817 are not imputed because respondent-level data for these surveys are highly variable.

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

Monthly data are compared to weekly data on a regular basis. Discrepancies between weekly and monthly data are documented and respondents are called when discrepancies are either large (usually over 300 thousand barrels) or consistent (e.g., weekly data are always lower than monthly data). In addition, a comparison of the data collected on the PSRS with other similar data series from sources outside of the EIA is performed on an ongoing basis. Results of selected data comparisons are published once a year in the feature article, "Comparison of Independent Statistics on Petroleum Supply." Additional comparisons are made between survey data and model results. Data reported in the Petroleum Supply Monthly and Petroleum Supply Annual are routinely imputed to correct for cases where comparison with other data suggests errors in survey data.

### (7.) Dissemination

The *PSM* data are normally released within 60 days of the close of the reference month. The *PSM* is available on the web at:

[http://www.eia.doe.gov/oil\\_gas/petroleum/data\\_publications/petroleum\\_supply\\_monthly/psm.html](http://www.eia.doe.gov/oil_gas/petroleum/data_publications/petroleum_supply_monthly/psm.html)

Customers who do not have access to the Internet may call the National Energy Information Center (NEIC) to request a single print-on-demand copy (a black and white bound printed document). To take advantage of this service, call the NEIC at 202-586-8800 or email them at [infoctr@eia.doe.gov](mailto:infoctr@eia.doe.gov). This service is provided free of charge for a single copy. NEIC will not accept or print multiple copy orders.

Much of the *PSM* data are available on the web product, Petroleum Navigator. Petroleum Navigator provides an interface for accessing a comprehensive set of EIA's petroleum data. 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 Navigator can be accessed at:

[http://tonto.eia.doe.gov/dnav/pet/pet\\_sum\\_top.asp](http://tonto.eia.doe.gov/dnav/pet/pet_sum_top.asp)

The Petroleum Supply and Disposition table displaying all the components of supply and disposition for all products on one page in a given period can be found at:

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

Annual petroleum supply statistics compiled from the latest monthly data, Census export, and MMS crude oil production data are released in two volumes. The *PSA, Volume 1* contains final annual data for the supply and disposition of crude oil and petroleum products.

[http://www.eia.doe.gov/oil\\_gas/petroleum/data\\_publications/petroleum\\_supply\\_annual/psa\\_volume1/psa\\_volume1.html](http://www.eia.doe.gov/oil_gas/petroleum/data_publications/petroleum_supply_annual/psa_volume1/psa_volume1.html)

The *PSA, Volume 2* contains final monthly statistics for the supply and disposition of crude oil and petroleum products.

[http://www.eia.doe.gov/oil\\_gas/petroleum/data\\_publications/petroleum\\_supply\\_annual/psa\\_volume2/psa\\_volume2.html](http://www.eia.doe.gov/oil_gas/petroleum/data_publications/petroleum_supply_annual/psa_volume2/psa_volume2.html)

### 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.) first purchase data reported on Form EIA-182, "Domestic Crude Oil First Purchase Report;" For some States, EIA uses current reported production from the State. For most States EIA calculates an estimate by using the lagged average ratio of the State reported data to EIA-182 data, applied to the current EIA-182 data. Estimates have to be made for crude oil production because complete and correct data from States may take from a few months

to a few years.

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 the EIA. 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/>) using reports from State agencies and the Bureau of Safety and Environmental Enforcement. The estimates are reported in the Petroleum Navigator and 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.) Stocks of Crude Oil on Leases

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.

#### (4.) 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 pentanes plus 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.

#### (5.) 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.

#### (6.) 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.

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

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 PAD District depends 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.

- 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. There are no survey data available for rail movements of fuel ethanol between PAD Districts, and so allocation of fuel ethanol adjustments to PAD Districts is based on the ratio of fuel ethanol blending reported on surveys in each PAD District divided by fuel ethanol blending reported on surveys for the entire U.S. In this case, Fuel ethanol implied net receipts are calculated for each PAD District as the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production, imports, and adjustments. Fuel ethanol implied net receipts are the balancing item between total supply and disposition in each PAD District. 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, renewable fuels except fuel ethanol adjustment quantities at the U.S. and PAD District levels were calculated as 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-PAD District 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, 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” no longer includes production of biodiesel. This change will also be made to revised monthly data for January-December 2011 when the 2011 Petroleum Supply Annual is released.

- 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. There are no survey data available for rail movements of biodiesel between PAD Districts, and so allocation of fuel biodiesel adjustments to PAD Districts is based on the ratio of biomass-based diesel blending reported on surveys in each PAD District divided by biomass-based diesel fuel blending reported on surveys for the entire U.S. Biodiesel implied net receipts are calculated for each PAD District as the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production, imports, and adjustments. Biodiesel implied net receipts are the balancing item between total supply and disposition in each PAD District. 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.

#### (8.) 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.

Beginning with PSM data for January 2012, distillate fuel oil adjustments equal the opposite of biodiesel adjustments described above in section 7. Biodiesel adjustments are added to distillate fuel oil (15 ppm sulfur and under) and to total distillate fuel oil. Distillate fuel oil adjustment quantities are assumed to reflect biodiesel blending activity implied by biodiesel supply and disposition but not reported on surveys. Distillate fuel oil adjustments for biodiesel will also be added to revised data for January-December 2011 when the 2011 Petroleum Supply Annual is released.

#### (9.) 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.

#### (10.) 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.

#### (11.) 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.

#### (12.) 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). Adjustments calculated for MTBE are reclassified to finished motor gasoline and are added to finish motor gasoline supply through the finished motor gasoline adjustment. There are no survey data available for movements of MTBE between PAD Districts. MTBE adjustment quantities are allocated to PAD Districts using ratios equal to the sum of MTBE input and export for each PAD District divided by the sum of MTBE input and export for the U.S. MTBE implied net receipts are calculated for each PAD District as the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production, imports, and adjustments. MTBE implied net receipts are the balancing item between total supply and disposition in each PAD District.

### 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 the Petroleum Supply Navigator (<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 the Petroleum Supply Navigator.

#### 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.

The information reported on Forms EIA-810 through 813, 815 through 817, 819, and 820 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 published from this 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.

**Table B1. Finished Motor Gasoline Product Supplied and Gasoline Supply Added by Adjustments to Motor Gasoline Blending Components and Fuel Ethanol, 1997 - 2008**  
(Thousand Barrels per Day)

Item/Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<b>1997</b>													
Fuel Ethanol Adj.	39	50	51	46	48	38	59	37	47	69	50	61	50
Motor Gas Blending	-20	61	-27	87	73	113	89	95	115	107	165	80	78
Products Supplied	7,301	7,668	7,796	8,064	8,139	8,288	8,496	8,233	8,023	8,141	7,965	8,065	8,017
<b>1998</b>													
Fuel Ethanol Adj.	66	55	61	55	42	50	49	58	62	71	55	75	58
Motor Gas Blending	84	39	117	140	142	246	111	88	171	89	145	205	132
Products Supplied	7,618	7,711	8,004	8,312	8,279	8,520	8,680	8,568	8,310	8,378	8,167	8,451	8,253
<b>1999</b>													
Fuel Ethanol Adj.	57	52	52	53	50	59	43	54	55	64	66	72	56
Motor Gas Blending	81	-13	20	134	46	214	192	128	102	212	156	165	120
Products Supplied	7,701	8,031	8,128	8,506	8,420	8,886	8,942	8,579	8,305	8,542	8,240	8,859	8,431
<b>2000</b>													
Fuel Ethanol Adj.	60	47	62	62	76	52	68	73	66	74	73	76	66
Motor Gas Blending	255	208	178	158	198	125	80	158	155	107	83	319	169
Products Supplied	7,653	8,291	8,305	8,375	8,661	8,824	8,642	8,921	8,518	8,417	8,384	8,670	8,472
<b>2001</b>													
Fuel Ethanol Adj.	80	65	61	59	64	40	96	52	71	93	63	58	67
Motor Gas Blending	264	121	289	303	196	210	213	245	196	193	175	252	222
Products Supplied	8,099	8,234	8,532	8,575	8,706	8,690	9,023	8,953	8,557	8,655	8,677	8,585	8,610
<b>2002</b>													
Fuel Ethanol Adj.	60	68	40	75	78	66	66	48	56	58	80	62	63
Motor Gas Blending	184	214	174	233	339	287	269	252	177	172	208	235	229
Products Supplied	8,227	8,607	8,655	8,766	9,078	9,140	9,143	9,313	8,687	8,814	8,829	8,893	8,848
<b>2003</b>													
Fuel Ethanol Adj.	13	49	8	45	38	31	29	44	31	35	41	22	32
Motor Gas Blending	109	174	209	265	354	399	314	375	298	324	281	194	275
Products Supplied	8,414	8,525	8,602	8,838	9,042	9,170	9,192	9,411	8,926	9,108	8,946	9,011	8,935
<b>2004</b>													
Fuel Ethanol Adj.	17	21	7	36	36	53	25	32	37	29	25	27	29
Motor Gas Blending	217	393	469	574	464	609	466	493	489	372	347	265	429
Products Supplied	8,705	8,838	9,024	9,126	9,179	9,322	9,357	9,327	9,015	9,097	9,055	9,206	9,105
<b>2005</b>													
Fuel Ethanol Adj.	37	31	24	32	39	54	47	55	40	45	50	47	42
Motor Gas Blending	357	251	200	222	337	310	460	455	382	360	239	436	335
Products Supplied	8,775	8,798	8,996	9,130	9,257	9,380	9,451	9,454	8,897	9,013	9,079	9,246	9,125
<b>2006</b>													
Fuel Ethanol Adj.	33	37	48	36	23	40	27	44	51	32	52	37	38
Motor Gas Blending	278	226	406	486	714	207	663	432	649	539	645	689	497
Products Supplied	8,727	8,836	9,129	9,140	9,312	9,440	9,583	9,585	9,222	9,286	9,160	9,335	9,233
<b>2007</b>													
Fuel Ethanol Adj.	68	51	58	62	67	73	84	95	51	93	100	113	76
Motor Gas Blending	512	462	607	674	608	473	627	553	544	534	689	535	569
Products Supplied	8,891	9,025	9,169	9,232	9,429	9,510	9,622	9,592	9,244	9,250	9,249	9,249	9,290
<b>2008</b>													
Fuel Ethanol Adj.	117	118	118	163	134	117	99	107	156	93	76	108	117
Motor Gas Blending	223	259	246	138	402	371	331	448	376	171	417	77	288
Products Supplied	8,814	8,842	9,069	9,117	9,216	9,071	9,072	9,090	8,469	8,986	8,889	8,921	8,964

Adjustments to finished motor gasoline, motor gasoline blending components, fuel ethanol, and Methyl Tertiary Butyl Ether (MTBE) are available in Petroleum Navigator.

[http://tonto.eia.doe.gov/dnav/pet/pet\\_sum\\_snd\\_d\\_nus\\_mbbplpd\\_m\\_cur.htm](http://tonto.eia.doe.gov/dnav/pet/pet_sum_snd_d_nus_mbbplpd_m_cur.htm)

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

Sources: Annual Averages, 1997 – 2007, Energy Information Administration (EIA) Petroleum Supply Annual, Volume 1 (table 2), Monthly Data, 1997-2007, Petroleum Supply Annual, Volume 2 (table 2), Annual Average, 2008, Petroleum Supply Monthly, February 2009 issue (table 4), Monthly Data, 2008, Petroleum Supply Monthly, (table 3).



## Appendix D

### Northeast Home Heating Oil Reserve

Information on the Northeast Home Heating Oil Reserve is available from the U.S. Department of Energy (DOE) Office of Petroleum Reserves web site at <http://www.fossil.energy.gov/programs/reserves/heatingoil/>.

Northeast Home Heating Oil Reserve (NEHHOR) inventories now classified as ultra-low sulfur distillate (15 parts per million) are not considered to be in the commercial sector and therefore are excluded from distillate fuel oil supply and disposition statistics in Energy Information Administration publications, such as the *Weekly Petroleum Status Report*, *Petroleum Supply Monthly*, and *This Week In Petroleum*.

### Northeast Home Heating Oil Reserve

Terminal Operator	Location	Thousands of Barrels
Hess Corp.	Groton, CT	500 *
Global Companies LLC	Revere, MA	500 *

\* DOE has completed converting the NEHHOR from high sulfur heating oil to ultra-low sulfur distillate (15 parts per million). In 2011, two companies were awarded with contracts for storage of 500 thousand barrels each. Shipments to refill the reserve were completed in February 2012.

Source: Energy Information Administration

# Definitions of Petroleum Products and Other Terms

(Revised May 2010)

**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; CH<sub>3</sub>-(CH<sub>2</sub>)<sub>n</sub>-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, reformate, 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 (C<sub>6</sub>H<sub>6</sub>).** 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

turbo-prop aircraft engines.

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

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

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

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

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

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

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

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

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

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

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

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

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

fuels, synthetic natural gas feedstocks, and specialty oils). Note: Beginning with January 2004 data, naphtha-type jet fuel is included in Miscellaneous Products.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



product beginning with data for January 2010. GTAB data for January 2010 and later months is presented as conventional motor gasoline blending components when reported as a subset of motor gasoline blending components.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**OPEC.** An intergovernmental organization whose stated objective is to coordinate and unify petroleum policies of member countries. It was created at the Baghdad Conference on September 10–14, 1960. Current members (with years of membership) include Algeria (1969-present), Angola (2007-present), Ecuador (1973-1992 and 2007-present), Iran (1960-present), Iraq (1960-present), Kuwait (1960-present), Libya (1962-present), Nigeria (1971-present), Qatar (1961-present), Saudi Arabia (1960-present), United Arab Emirates (1967-present), and Venezuela (1960-present). Countries no longer



members of OPEC include Gabon (1975-1994) and Indonesia (1962-2008).

**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 a raw material. Includes hydrogen, coal tar derivatives, gilsonite, and natural gas received by the refinery for reforming into hydrogen. Natural gas to be used as fuel is excluded.

**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.** Refinery yield (expressed as a percentage) represents the percent of finished product produced from input of crude oil and net input of unfinished oils. It is calculated by dividing the sum of crude oil and net unfinished input into the individual net production of finished products. Before calculating the yield for finished motor gasoline, the input of natural gas liquids, other hydrocarbons and oxygenates, and net input of motor gasoline blending components must be subtracted from the net production of finished motor gasoline. Before calculating the yield for finished aviation gasoline, input of aviation gasoline blending components must be subtracted from the net production of finished aviation gasoline.

**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.