



Petroleum Supply Monthly

September 2012

With Data for July 2012

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

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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
Exports of Crude Oil and Petroleum Products	
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
Net Imports	
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
Stocks	
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
Movements of Crude Oil and Petroleum Products	
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
Appendices	
A. District Descriptions and Maps.....	121
B. Explanatory Notes	123
D. Northeast Home Heating Oil Reserve.....	137
Glossary	
Definitions of Petroleum Products and Other Terms.....	138

Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, July 2012
(Thousand Barrels)

Commodity	Supply					Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	194,290	--	--	266,786	10,497	-16,166	485,351	2,388	0	1,065,782
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	72,004	-531	26,056	6,493	--	12,710	13,496	9,943	67,873	176,020
Pentanes Plus	10,402	-531	--	848	--	258	4,653	3,642	2,166	16,774
Liquefied Petroleum Gases	61,602	--	26,056	5,645	--	12,452	8,843	6,301	65,707	159,246
Ethane/Ethylene	27,632	--	560	9	--	-2,456	--	--	30,657	32,575
Propane/Propylene	21,581	--	17,507	4,598	--	7,266	--	5,187	31,233	69,065
Normal Butane/Butylene	4,967	--	7,911	563	--	7,364	2,257	1,114	2,706	49,333
Isobutane/Isobutylene	7,422	--	78	475	--	278	6,586	--	1,111	8,273
Other Liquids	--	29,305	--	40,349	-4,546	-2,352	60,264	6,051	1,145	264,394
Hydrogen/Oxygenates/Renewables/										
Other Hydrocarbons	--	29,309	--	1,708	4,586	-1,378	33,039	3,942	0	23,459
Hydrogen	--	--	--	--	6,062	--	6,062	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	1,915	--	--	-47	-183	54	1,997	0	796
Renewable Fuels (including Fuel Ethanol) ...	--	27,394	--	1,183	-952	-1,193	26,872	1,946	0	22,626
Fuel Ethanol ⁵	--	25,329	--	1,017	179	-1,083	26,089	1,519	0	20,373
Renewable Fuels Except Fuel Ethanol	--	2,065	--	166	-1,132	-110	783	426	0	2,253
Other Hydrocarbons	--	--	--	525	-476	-2	51	--	0	37
Unfinished Oils	--	--	--	17,830	--	-1,799	18,484	--	1,145	84,691
Motor Gasoline Blend.Comp. (MGBC)	--	-4	--	20,811	-9,133	827	8,739	2,108	0	156,232
Reformulated	--	--	--	5,243	4,300	454	9,039	50	0	43,154
Conventional	--	-4	--	15,568	-13,432	373	-300	2,059	0	113,078
Aviation Gasoline Blend. Comp.	--	--	--	--	--	-2	2	--	0	12
Finished Petroleum Products	--	31	565,925	19,556	10,090	6,820	--	81,167	507,615	303,166
Finished Motor Gasoline	--	31	276,544	1,604	8,953	970	--	12,761	273,401	53,271
Reformulated	--	--	93,684	--	-2,602	13	--	--	91,069	133
Conventional	--	31	182,860	1,604	11,556	957	--	12,761	182,332	53,138
Finished Aviation Gasoline	--	--	387	4	--	-231	--	--	622	960
Kerosene-Type Jet Fuel	--	--	49,956	1,476	--	1,545	--	4,380	45,507	40,019
Kerosene	--	--	67	--	--	-130	--	120	77	1,617
Distillate Fuel Oil ⁶	--	--	144,439	3,504	1,137	6,537	--	32,425	110,117	126,562
15 ppm sulfur and under ⁷	--	--	129,717	3,130	1,137	6,062	--	23,844	104,078	94,882
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	3,983	61	--	-499	--	4,381	162	5,331
Greater than 500 ppm sulfur	--	--	10,739	313	--	974	--	4,200	5,878	26,349
Residual Fuel Oil ⁸	--	--	13,023	7,645	--	-1,032	--	8,738	12,962	35,900
Less than 0.31 percent sulfur	--	--	694	1,372	--	-171	--	NA	NA	3,051
0.31 to 1.00 percent sulfur	--	--	2,459	1,379	--	446	--	NA	NA	7,402
Greater than 1.00 percent sulfur	--	--	9,870	4,894	--	-1,307	--	NA	NA	25,446
Petrochemical Feedstocks	--	--	9,213	2,544	--	64	--	--	11,693	2,809
Naphtha for Petro. Feed. Use	--	--	5,610	700	--	54	--	--	6,256	1,933
Other Oils for Petro. Feed. Use	--	--	3,603	1,844	--	10	--	--	5,437	876
Special Naphthas	--	--	1,530	484	--	105	--	1,841	68	1,301
Lubricants	--	--	5,605	921	--	708	--	2,581	3,237	9,770
Waxes	--	--	275	163	--	40	--	146	252	551
Petroleum Coke	--	--	26,785	234	--	-577	--	17,121	10,475	6,256
Marketable	--	--	19,636	234	--	-577	--	17,121	3,326	6,256
Catalyst	--	--	7,149	--	--	--	--	--	7,149	--
Asphalt and Road Oil	--	--	13,114	973	--	-1,188	--	975	14,300	23,590
Still Gas	--	--	22,357	--	--	--	--	--	22,357	--
Miscellaneous Products	--	--	2,630	4	--	9	--	78	2,547	560
Total	266,294	28,805	591,981	333,184	16,041	1,012	559,111	99,549	576,633	1,809,362

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ 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.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

³ 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.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Exports include industrial alcohol.

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

⁷ 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.

⁸ 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-July 2012
(Thousand Barrels)

Commodity	Supply					Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	1,325,961	--	--	1,859,406	51,892	38,953	3,186,111	12,195	0	1,065,782
Natural Gas Plant Liquids and Liquefied Refinery Gases	503,692	-3,826	151,117	41,953	--	47,311	98,451	64,511	482,663	176,020
Pentanes Plus	65,373	-3,826	--	6,647	--	-824	34,585	23,986	10,447	16,774
Liquefied Petroleum Gases	438,319	--	151,117	35,306	--	48,135	63,866	40,525	472,216	159,246
Ethane/Ethylene	207,831	--	3,957	66	--	9,683	--	--	202,171	32,575
Propane/Propylene	146,592	--	117,806	28,476	--	14,431	--	34,062	244,381	69,065
Normal Butane/Butylene	37,749	--	28,156	4,482	--	22,877	23,163	6,463	17,884	49,333
Isobutane/Isobutylene	46,147	--	1,198	2,282	--	1,144	40,703	--	7,780	8,273
Other Liquids	--	215,991	--	268,829	-13,701	1,113	422,649	38,182	9,175	264,394
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	216,011	--	5,432	27,501	2,170	220,500	26,274	0	23,459
Hydrogen	--	--	--	--	39,056	--	39,056	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	12,053	--	--	974	-289	421	12,895	0	796
Renewable Fuels (including Fuel Ethanol)	--	203,958	--	3,459	-10,842	2,463	180,733	13,379	0	22,626
Fuel Ethanol ⁵	--	189,448	--	2,820	-2,920	2,112	175,539	11,697	0	20,373
Renewable Fuels Except Fuel Ethanol	--	14,510	--	639	-7,922	351	5,194	1,682	0	2,253
Other Hydrocarbons	--	--	--	1,973	-1,687	-4	290	--	0	37
Unfinished Oils	--	--	--	121,593	--	5,572	106,845	--	9,176	84,691
Motor Gasoline Blend.Comp. (MGBC)	--	-20	--	141,804	-41,202	-6,617	95,291	11,908	0	156,232
Reformulated	--	--	--	32,683	14,945	-5,893	53,124	397	0	43,154
Conventional	--	-20	--	109,121	-56,147	-724	42,167	11,511	0	113,078
Aviation Gasoline Blend. Comp.	--	--	--	--	--	-12	13	--	-1	12
Finished Petroleum Products	--	192	3,782,422	140,514	51,982	-29,508	--	547,229	3,457,389	303,166
Finished Motor Gasoline	--	192	1,875,989	14,272	44,122	-8,169	--	83,456	1,859,288	53,271
Reformulated	--	--	637,240	--	-7,060	-69	--	715	629,533	133
Conventional	--	192	1,238,749	14,272	51,182	-8,100	--	82,741	1,229,754	53,138
Finished Aviation Gasoline	--	--	2,904	18	--	-172	--	--	3,094	960
Kerosene-Type Jet Fuel	--	--	315,669	7,478	--	-1,631	--	25,805	298,973	40,019
Kerosene	--	--	824	132	--	-832	--	782	1,006	1,617
Distillate Fuel Oil ⁶	--	--	953,542	25,647	7,860	-23,143	--	212,158	798,034	126,562
15 ppm sulfur and under ⁷	--	--	839,385	16,950	7,860	-9,693	--	149,915	723,973	94,882
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	28,314	1,919	--	-2,547	--	30,702	2,078	5,331
Greater than 500 ppm sulfur	--	--	85,843	6,778	--	-10,903	--	31,541	71,983	26,349
Residual Fuel Oil ⁶	--	--	109,780	56,794	--	1,846	--	81,920	82,808	35,900
Less than 0.31 percent sulfur	--	--	6,447	9,931	--	-1,456	--	NA	NA	3,051
0.31 to 1.00 percent sulfur	--	--	16,878	7,398	--	2,234	--	NA	NA	7,402
Greater than 1.00 percent sulfur	--	--	86,455	39,465	--	1,067	--	NA	NA	25,446
Petrochemical Feedstocks	--	--	64,456	17,704	--	-369	--	--	82,529	2,809
Naphtha for Petro. Feed. Use	--	--	42,919	7,317	--	-107	--	--	50,343	1,933
Other Oils for Petro. Feed. Use	--	--	21,537	10,387	--	-262	--	--	32,186	876
Special Naphthas	--	--	10,329	2,492	--	240	--	10,895	1,686	1,301
Lubricants	--	--	34,920	6,811	--	-140	--	16,757	25,114	9,770
Waxes	--	--	1,818	864	--	2	--	1,151	1,529	551
Petroleum Coke	--	--	177,103	2,240	--	-1,116	--	107,001	73,458	6,256
Marketable	--	--	129,501	2,240	--	-1,116	--	107,001	25,856	6,256
Catalyst	--	--	47,602	--	--	--	--	--	47,602	--
Asphalt and Road Oil	--	--	74,258	6,012	--	3,988	--	6,420	69,862	23,590
Still Gas	--	--	143,949	--	--	--	--	--	143,949	--
Miscellaneous Products	--	--	16,881	50	--	-12	--	883	16,060	560
Total	1,829,653	212,357	3,933,539	2,310,702	90,172	57,869	3,707,211	662,117	3,949,227	1,809,362

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ 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.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

³ 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.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Exports include industrial alcohol.

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

⁷ 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.

⁸ 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, July 2012
(Thousand Barrels per Day)

Commodity	Supply					Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³
Crude Oil⁴	6,267	--	--	8,606	339	-521	15,656	77	0
Natural Gas Plant Liquids and Liquefied									
Refinery Gases	2,323	-17	841	209	--	410	435	321	2,189
Pentanes Plus	336	-17	--	27	--	8	150	117	70
Liquefied Petroleum Gases	1,987	--	841	182	--	402	285	203	2,120
Ethane/Ethylene	891	--	18	0	--	-79	--	--	989
Propane/Propylene	696	--	565	148	--	234	--	167	1,008
Normal Butane/Butylene	160	--	255	18	--	238	73	36	87
Isobutane/Isobutylene	239	--	3	15	--	9	212	--	36
Other Liquids	--	945	--	1,302	-147	-76	1,944	195	37
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	945	--	55	148	-44	1,066	127	0
Hydrogen	--	--	--	--	196	--	196	--	0
Oxygenates (excluding Fuel Ethanol)	--	62	--	--	-2	-6	2	64	0
Renewable Fuels (including Fuel Ethanol) ...	--	884	--	38	-31	-38	867	63	0
Fuel Ethanol ⁵	--	817	--	33	6	-35	842	49	0
Renewable Fuels Except Fuel Ethanol	--	67	--	5	-37	-4	25	14	0
Other Hydrocarbons	--	--	--	17	-15	0	2	--	0
Unfinished Oils	--	--	--	575	--	-58	596	--	37
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	671	-295	27	282	68	0
Reformulated	--	--	--	169	139	15	292	2	0
Conventional	--	0	--	502	-433	12	-10	66	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	1	18,256	631	325	220	--	2,618	16,375
Finished Motor Gasoline	--	1	8,921	52	289	31	--	412	8,819
Reformulated	--	--	3,022	--	-84	0	--	--	2,938
Conventional	--	1	5,899	52	373	31	--	412	5,882
Finished Aviation Gasoline	--	--	12	0	--	-7	--	--	20
Kerosene-Type Jet Fuel	--	--	1,611	48	--	50	--	141	1,468
Kerosene	--	--	2	--	--	-4	--	4	2
Distillate Fuel Oil ⁶	--	--	4,659	113	37	211	--	1,046	3,552
15 ppm sulfur and under ⁷	--	--	4,184	101	37	196	--	769	3,357
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	128	2	--	-16	--	141	5
Greater than 500 ppm sulfur	--	--	346	10	--	31	--	135	190
Residual Fuel Oil ⁸	--	--	420	247	--	-33	--	282	418
Less than 0.31 percent sulfur	--	--	22	44	--	-6	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	79	44	--	14	--	NA	NA
Greater than 1.00 percent sulfur	--	--	318	158	--	-42	--	NA	NA
Petrochemical Feedstocks	--	--	297	82	--	2	--	--	377
Naphtha for Petro. Feed. Use	--	--	181	23	--	2	--	--	202
Other Oils for Petro. Feed. Use	--	--	116	59	--	0	--	--	175
Special Naphthas	--	--	49	16	--	3	--	59	2
Lubricants	--	--	181	30	--	23	--	83	104
Waxes	--	--	9	5	--	1	--	5	8
Petroleum Coke	--	--	864	8	--	-19	--	552	338
Marketable	--	--	633	8	--	-19	--	552	107
Catalyst	--	--	231	--	--	--	--	--	231
Asphalt and Road Oil	--	--	423	31	--	-38	--	31	461
Still Gas	--	--	721	--	--	--	--	--	721
Miscellaneous Products	--	--	85	0	--	0	--	3	82
Total	8,590	929	19,096	10,748	517	33	18,036	3,211	18,601

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ 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.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

³ 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.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Exports include industrial alcohol.

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

⁷ 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.

⁸ 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-July 2012
(Thousand Barrels per Day)

Commodity	Supply					Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³
Crude Oil⁴	6,225	--	--	8,730	244	183	14,958	57	0
Natural Gas Plant Liquids and Liquefied									
Refinery Gases	2,365	-18	709	197	--	222	462	303	2,266
Pentanes Plus	307	-18	--	31	--	-4	162	113	49
Liquefied Petroleum Gases	2,058	--	709	166	--	226	300	190	2,217
Ethane/Ethylene	976	--	19	0	--	45	--	--	949
Propane/Propylene	688	--	553	134	--	68	--	160	1,147
Normal Butane/Butylene	177	--	132	21	--	107	109	30	84
Isobutane/Isobutylene	217	--	6	11	--	5	191	--	37
Other Liquids	--	1,014	--	1,262	-64	5	1,984	179	43
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	1,014	--	26	129	10	1,035	123	0
Hydrogen	--	--	--	--	183	--	183	--	0
Oxygenates (excluding Fuel Ethanol)	--	57	--	--	5	-1	2	61	0
Renewable Fuels (including Fuel Ethanol) ...	--	958	--	16	-51	12	849	63	0
Fuel Ethanol ⁵	--	889	--	13	-14	10	824	55	0
Renewable Fuels Except Fuel Ethanol	--	68	--	3	-37	2	24	8	0
Other Hydrocarbons	--	--	--	9	-8	0	1	--	0
Unfinished Oils	--	--	--	571	--	26	502	--	43
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	666	-193	-31	447	56	0
Reformulated	--	--	--	153	70	-28	249	2	0
Conventional	--	0	--	512	-264	-3	198	54	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	1	17,758	660	244	-139	--	2,569	16,232
Finished Motor Gasoline	--	1	8,807	67	207	-38	--	392	8,729
Reformulated	--	--	2,992	--	-33	0	--	3	2,956
Conventional	--	1	5,816	67	240	-38	--	388	5,773
Finished Aviation Gasoline	--	--	14	0	--	-1	--	--	15
Kerosene-Type Jet Fuel	--	--	1,482	35	--	-8	--	121	1,404
Kerosene	--	--	4	1	--	-4	--	4	5
Distillate Fuel Oil ⁶	--	--	4,477	120	37	-109	--	996	3,747
15 ppm sulfur and under ⁷	--	--	3,941	80	37	-46	--	704	3,399
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	133	9	--	-12	--	144	10
Greater than 500 ppm sulfur	--	--	403	32	--	-51	--	148	338
Residual Fuel Oil ⁸	--	--	515	267	--	9	--	385	389
Less than 0.31 percent sulfur	--	--	30	47	--	-7	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	79	35	--	10	--	NA	NA
Greater than 1.00 percent sulfur	--	--	406	185	--	5	--	NA	NA
Petrochemical Feedstocks	--	--	303	83	--	-2	--	--	387
Naphtha for Petro. Feed. Use	--	--	201	34	--	-1	--	--	236
Other Oils for Petro. Feed. Use	--	--	101	49	--	-1	--	--	151
Special Naphthas	--	--	48	12	--	1	--	51	8
Lubricants	--	--	164	32	--	-1	--	79	118
Waxes	--	--	9	4	--	0	--	5	7
Petroleum Coke	--	--	831	11	--	-5	--	502	345
Marketable	--	--	608	11	--	-5	--	502	121
Catalyst	--	--	223	--	--	--	--	--	223
Asphalt and Road Oil	--	--	349	28	--	19	--	30	328
Still Gas	--	--	676	--	--	--	--	--	676
Miscellaneous Products	--	--	79	0	--	0	--	4	75
Total	8,590	997	18,467	10,848	423	272	17,405	3,109	18,541

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ 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.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

³ 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.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Exports include industrial alcohol.

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

⁷ 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.

⁸ 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, July 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) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	711	--	--	26,220	-118	3,699	503	29,827	182	0	10,097
Natural Gas Plant Liquids and Liquefied Refinery Gases	1,250	-7	1,905	1,358	1,505	--	1,609	404	175	3,823	8,510
Pentanes Plus	229	-7	--	--	--	--	13	--	3	206	44
Liquefied Petroleum Gases	1,021	--	1,905	1,358	1,505	--	1,596	404	173	3,616	8,466
Ethane/Ethylene	7	--	7	--	--	--	--	--	--	14	--
Propane/Propylene	680	--	1,029	1,275	1,505	--	955	--	54	3,480	6,039
Normal Butane/Butylene	157	--	829	31	--	--	544	43	119	311	2,016
Isobutane/Isobutylene	177	--	40	52	--	--	97	361	--	-189	411
Other Liquids	--	780	--	24,987	50,128	3,795	495	80,045	128	-978	58,735
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	783	--	1,368	8,243	-544	-413	10,214	48	0	7,891
Hydrogen	--	--	--	--	--	133	--	133	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	1	--	--	1	0	--
Renewable Fuels (including Fuel Ethanol)	--	783	--	907	8,243	-217	-413	10,081	48	0	7,891
Fuel Ethanol ⁶	--	670	--	774	8,036	68	-385	9,886	47	0	7,452
Renewable Fuels Except Fuel Ethanol	--	113	--	133	207	-285	-28	195	1	0	439
Other Hydrocarbons	--	--	--	461	--	-461	--	--	--	0	--
Unfinished Oils	--	--	--	3,772	-46	--	476	4,228	--	-978	6,826
Motor Gasoline Blend.Comp. (MGBC)	--	-3	--	19,847	41,931	4,339	432	65,603	79	0	44,018
Reformulated	--	--	--	5,243	8,488	3,898	187	17,442	--	0	14,525
Conventional	--	-3	--	14,604	33,443	441	245	48,161	79	0	29,493
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	110,066	9,754	49,661	-4,122	2,736	--	7,536	155,087	77,517
Finished Motor Gasoline	--	--	90,795	678	9,205	-4,407	103	--	67	96,101	7,738
Reformulated	--	--	37,937	--	80	-2,382	-6	--	--	35,641	6
Conventional	--	--	52,858	678	9,125	-2,025	109	--	67	60,460	7,732
Finished Aviation Gasoline	--	--	--	2	215	--	-5	--	--	222	107
Kerosene-Type Jet Fuel	--	--	1,494	1,116	15,022	--	1,468	--	10	16,154	10,056
Kerosene	--	--	40	--	--	--	-55	--	2	93	1,222
Distillate Fuel Oil ⁷	--	--	10,901	2,617	24,235	285	2,350	--	5,119	30,569	42,035
15 ppm sulfur and under ⁸	--	--	7,705	2,313	19,387	285	1,834	--	1,647	26,209	22,711
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	180	18	286	--	-231	--	1,910	-1,195	1,053
Greater than 500 ppm sulfur	--	--	3,016	286	4,562	--	747	--	1,562	5,555	18,271
Residual Fuel Oil ⁹	--	--	1,503	4,444	6	--	-1,090	--	964	6,079	9,687
Less than 0.31 percent sulfur	--	--	65	1,129	--	--	-147	--	NA	NA	1,191
0.31 to 1.00 percent sulfur	--	--	274	386	--	--	137	--	NA	NA	3,526
Greater than 1.00 percent sulfur	--	--	1,164	2,929	6	--	-1,080	--	NA	NA	4,970
Petrochemical Feedstocks	--	--	139	8	-13	--	-41	--	--	175	113
Naphtha for Petro. Feed. Use	--	--	139	5	32	--	-41	--	--	217	113
Other Oils for Petro. Feed. Use	--	--	--	3	-45	--	--	--	--	-42	--
Special Naphthas	--	--	33	1	--	--	6	--	7	21	40
Lubricants	--	--	433	115	524	--	-62	--	232	902	976
Waxes	--	--	3	86	--	--	-13	--	64	38	116
Petroleum Coke	--	--	1,109	30	--	--	--	--	683	456	--
Marketable	--	--	340	30	--	--	--	--	683	-313	--
Catalyst	--	--	769	--	--	--	--	--	--	769	--
Asphalt and Road Oil	--	--	2,276	657	467	--	74	--	373	2,953	5,392
Still Gas	--	--	1,241	--	--	--	--	--	--	1,241	--
Miscellaneous Products	--	--	99	--	--	--	1	--	16	82	35
Total	1,961	773	111,971	62,319	101,176	3,372	5,343	110,276	8,021	157,931	154,859

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

² 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.

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

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

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

⁶ Exports include industrial alcohol.

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

⁸ 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.

⁹ 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-July 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) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	4,912	--	--	185,487	2,489	6,983	195	198,514	1,162	0	10,097
Natural Gas Plant Liquids and Liquefied Refinery Gases	8,807	-43	10,555	11,686	13,606	--	892	4,000	1,700	38,019	8,510
Pentanes Plus	1,491	-43	--	--	-19	--	13	39	163	1,214	44
Liquefied Petroleum Gases	7,316	--	10,555	11,686	13,625	--	879	3,961	1,537	36,805	8,466
Ethane/Ethylene	110	--	64	--	--	--	0	--	--	174	--
Propane/Propylene	4,885	--	8,149	10,611	13,603	--	410	--	355	36,483	6,039
Normal Butane/Butylene	1,144	--	2,215	292	22	--	312	1,415	1,183	763	2,016
Isobutane/Isobutylene	1,177	--	127	783	--	--	157	2,546	--	-616	411
Other Liquids	--	4,639	--	159,676	330,922	28,488	-3,200	526,899	2,859	-2,834	58,735
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	4,653	--	4,118	66,259	-3,865	993	68,622	1,549	0	7,891
Hydrogen	--	--	--	--	--	784	--	784	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	22	--	--	22	0	--
Renewable Fuels (including Fuel Ethanol)	--	4,653	--	2,823	66,259	-3,376	993	67,838	1,527	0	7,891
Fuel Ethanol ⁶	--	3,756	--	2,499	64,076	-1,102	1,300	66,407	1,523	0	7,452
Renewable Fuels Except Fuel Ethanol	--	897	--	324	2,183	-2,275	-307	1,431	4	0	439
Other Hydrocarbons	--	--	--	1,295	--	-1,295	--	--	--	0	--
Unfinished Oils	--	--	--	25,416	-88	--	1,324	26,838	--	-2,834	6,826
Motor Gasoline Blend.Comp. (MGBC)	--	-14	--	130,142	264,751	32,353	-5,517	431,439	1,310	0	44,018
Reformulated	--	--	--	32,282	55,472	5,538	-3,840	97,132	0	0	14,525
Conventional	--	-14	--	97,860	209,279	26,815	-1,677	334,307	1,310	0	29,493
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	731,339	81,049	346,116	-29,082	-14,445	--	50,410	1,093,457	77,517
Finished Motor Gasoline	--	--	604,590	9,304	80,630	-31,251	-1,833	--	800	664,306	7,738
Reformulated	--	--	253,139	--	80	4,057	-158	--	33	257,402	6
Conventional	--	--	351,451	9,304	80,550	-35,308	-1,675	--	767	406,904	7,732
Finished Aviation Gasoline	--	--	-1	4	2,265	--	-64	--	--	2,332	107
Kerosene-Type Jet Fuel	--	--	10,522	3,487	101,849	--	-264	--	447	115,675	10,056
Kerosene	--	--	61	132	--	--	-507	--	218	482	1,222
Distillate Fuel Oil ⁷	--	--	71,859	22,211	154,327	2,170	-13,169	--	28,785	234,951	42,035
15 ppm sulfur and under ⁸	--	--	47,307	14,344	120,270	2,170	409	--	8,830	174,851	22,711
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	824	1,577	4,310	--	-1,687	--	8,172	226	1,053
Greater than 500 ppm sulfur	--	--	23,728	6,290	29,747	--	-11,891	--	11,782	59,874	18,271
Residual Fuel Oil ⁹	--	--	11,666	40,081	1,614	--	134	--	11,682	41,545	9,687
Less than 0.31 percent sulfur	--	--	2,721	9,259	--	--	-911	--	NA	NA	1,191
0.31 to 1.00 percent sulfur	--	--	1,391	3,527	126	--	1,347	--	NA	NA	3,526
Greater than 1.00 percent sulfur	--	--	7,554	27,295	1,488	--	-302	--	NA	NA	4,970
Petrochemical Feedstocks	--	--	927	439	125	--	-61	--	--	1,552	113
Naphtha for Petro. Feed. Use	--	--	927	401	316	--	-61	--	--	1,705	113
Other Oils for Petro. Feed. Use	--	--	--	38	-191	--	--	--	--	-153	--
Special Naphthas	--	--	156	59	--	--	-2	--	416	-199	40
Lubricants	--	--	3,120	985	2,674	--	-175	--	1,585	5,369	976
Waxes	--	--	57	498	--	--	-102	--	474	183	116
Petroleum Coke	--	--	8,002	627	--	--	--	--	4,110	4,519	--
Marketable	--	--	2,669	627	--	--	--	--	4,110	-814	--
Catalyst	--	--	5,333	--	--	--	--	--	--	5,333	--
Asphalt and Road Oil	--	--	11,673	3,222	2,632	--	1,601	--	1,785	14,141	5,392
Still Gas	--	--	8,083	--	--	--	--	--	--	8,083	--
Miscellaneous Products	--	--	624	--	--	--	-3	--	108	519	35
Total	13,719	4,596	741,894	437,898	693,133	6,389	-16,558	729,413	56,132	1,128,642	154,859

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

² 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.

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

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

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

⁶ Exports include industrial alcohol.

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

⁸ 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.

⁹ 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, July 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) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	23	--	--	846	-4	119	16	962	6	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	40	0	61	44	49	--	52	13	6	123
Pentanes Plus	7	0	--	--	--	--	0	--	0	7
Liquefied Petroleum Gases	33	--	61	44	49	--	51	13	6	117
Ethane/Ethylene	0	--	0	--	--	--	--	--	--	0
Propane/Propylene	22	--	33	41	49	--	31	--	2	112
Normal Butane/Butylene	5	--	27	1	--	--	18	1	4	10
Isobutane/Isobutylene	6	--	1	2	--	--	3	12	--	-6
Other Liquids	--	25	--	806	1,617	122	16	2,582	4	-32
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	25	--	44	266	-18	-13	329	2	0
Hydrogen	--	--	--	--	--	4	--	4	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	25	--	29	266	-7	-13	325	2	0
Fuel Ethanol ⁶	--	22	--	25	259	2	-12	319	2	0
Renewable Fuels Except Fuel Ethanol	--	4	--	4	7	-9	-1	6	0	0
Other Hydrocarbons	--	--	--	15	--	-15	--	--	--	0
Unfinished Oils	--	--	--	122	-1	--	15	136	--	-32
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	640	1,353	140	14	2,116	3	0
Reformulated	--	--	--	169	274	126	6	563	--	0
Conventional	--	0	--	471	1,079	14	8	1,554	3	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	3,551	315	1,602	-133	88	--	243	5,003
Finished Motor Gasoline	--	--	2,929	22	297	-142	3	--	2	3,100
Reformulated	--	--	1,224	--	3	-77	0	--	--	1,150
Conventional	--	--	1,705	22	294	-65	4	--	2	1,950
Finished Aviation Gasoline	--	--	--	0	7	--	0	--	--	7
Kerosene-Type Jet Fuel	--	--	48	36	485	--	47	--	0	521
Kerosene	--	--	1	--	--	--	-2	--	0	3
Distillate Fuel Oil ⁷	--	--	352	84	782	9	76	--	165	986
15 ppm sulfur and under ⁸	--	--	249	75	625	9	59	--	53	845
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	6	1	9	--	-7	--	62	-39
Greater than 500 ppm sulfur	--	--	97	9	147	--	24	--	50	179
Residual Fuel Oil ⁹	--	--	48	143	0	--	-35	--	31	196
Less than 0.31 percent sulfur	--	--	2	36	--	--	-5	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	9	12	--	--	4	--	NA	NA
Greater than 1.00 percent sulfur	--	--	38	94	0	--	-35	--	NA	NA
Petrochemical Feedstocks	--	--	4	0	0	--	-1	--	--	6
Naphtha for Petro. Feed. Use	--	--	4	0	1	--	-1	--	--	7
Other Oils for Petro. Feed. Use	--	--	--	0	-1	--	--	--	--	-1
Special Naphthas	--	--	1	0	--	--	0	--	0	1
Lubricants	--	--	14	4	17	--	-2	--	7	29
Waxes	--	--	0	3	--	--	0	--	2	1
Petroleum Coke	--	--	36	1	--	--	--	--	22	15
Marketable	--	--	11	1	--	--	--	--	22	-10
Catalyst	--	--	25	--	--	--	--	--	--	25
Asphalt and Road Oil	--	--	73	21	15	--	2	--	12	95
Still Gas	--	--	40	--	--	--	--	--	--	40
Miscellaneous Products	--	--	3	--	--	--	0	--	1	3
Total	63	25	3,612	2,010	3,264	109	172	3,557	259	5,095

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

² 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.

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

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

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

⁶ Exports include industrial alcohol.

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

⁸ 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.

⁹ 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-July 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) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	23	--	--	871	12	33	1	932	5	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	41	0	50	55	64	--	4	19	8	178
Pentanes Plus	7	0	--	--	0	--	0	0	1	6
Liquefied Petroleum Gases	34	--	50	55	64	--	4	19	7	173
Ethane/Ethylene	1	--	0	--	--	--	0	--	--	1
Propane/Propylene	23	--	38	50	64	--	2	--	2	171
Normal Butane/Butylene	5	--	10	1	0	--	1	7	6	4
Isobutane/Isobutylene	6	--	1	4	--	--	1	12	--	-3
Other Liquids	--	22	--	750	1,554	134	-15	2,474	13	-13
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	22	--	19	311	-18	5	322	7	0
Hydrogen	--	--	--	--	--	4	--	4	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol) ...	--	22	--	13	311	-16	5	318	7	0
Fuel Ethanol ⁶	--	18	--	12	301	-5	6	312	7	0
Renewable Fuels Except Fuel Ethanol	--	4	--	2	10	-11	-1	7	0	0
Other Hydrocarbons	--	--	--	6	--	-6	--	--	--	0
Unfinished Oils	--	--	--	119	0	--	6	126	--	-13
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	611	1,243	152	-26	2,026	6	0
Reformulated	--	--	--	152	260	26	-18	456	0	0
Conventional	--	0	--	459	983	126	-8	1,570	6	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	3,434	381	1,625	-137	-68	--	237	5,134
Finished Motor Gasoline	--	--	2,838	44	379	-147	-9	--	4	3,119
Reformulated	--	--	1,188	--	0	19	-1	--	0	1,208
Conventional	--	--	1,650	44	378	-166	-8	--	4	1,910
Finished Aviation Gasoline	--	--	0	0	11	--	0	--	--	11
Kerosene-Type Jet Fuel	--	--	49	16	478	--	-1	--	2	543
Kerosene	--	--	0	1	--	--	-2	--	1	2
Distillate Fuel Oil ⁷	--	--	337	104	725	10	-62	--	135	1,103
15 ppm sulfur and under ⁸	--	--	222	67	565	10	2	--	41	821
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	4	7	20	--	-8	--	38	1
Greater than 500 ppm sulfur	--	--	111	30	140	--	-56	--	55	281
Residual Fuel Oil ⁹	--	--	55	188	8	--	1	--	55	195
Less than 0.31 percent sulfur	--	--	13	43	--	--	-4	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	7	17	1	--	6	--	NA	NA
Greater than 1.00 percent sulfur	--	--	35	128	7	--	-1	--	NA	NA
Petrochemical Feedstocks	--	--	4	2	1	--	0	--	--	7
Naphtha for Petro. Feed. Use	--	--	4	2	1	--	0	--	--	8
Other Oils for Petro. Feed. Use	--	--	--	0	-1	--	--	--	--	-1
Special Naphthas	--	--	1	0	--	--	0	--	2	-1
Lubricants	--	--	15	5	13	--	-1	--	7	25
Waxes	--	--	0	2	--	--	0	--	2	1
Petroleum Coke	--	--	38	3	--	--	--	--	19	21
Marketable	--	--	13	3	--	--	--	--	19	-4
Catalyst	--	--	25	--	--	--	--	--	--	25
Asphalt and Road Oil	--	--	55	15	12	--	8	--	8	66
Still Gas	--	--	38	--	--	--	--	--	--	38
Miscellaneous Products	--	--	3	--	--	--	0	--	1	2
Total	64	22	3,483	2,056	3,254	30	-78	3,424	264	5,299

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

² 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.

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

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

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

⁶ Exports include industrial alcohol.

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

⁸ 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.

⁹ 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, July 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) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	34,072	--	--	54,342	19,415	-1,697	-4,529	108,456	2,205	0	106,359
Natural Gas Plant Liquids and Liquefied Refinery Gases	12,489	-491	5,542	3,962	-637	--	2,776	2,226	3,609	12,254	53,755
Pentanes Plus	1,694	-491	--	19	2,479	--	92	635	3,137	-163	7,355
Liquefied Petroleum Gases	10,795	--	5,542	3,943	-3,116	--	2,684	1,591	472	12,417	46,400
Ethane/Ethylene	3,757	--	--	9	-2,901	--	-1,294	--	--	2,159	3,422
Propane/Propylene	4,671	--	3,207	3,055	-103	--	2,247	--	65	8,518	26,665
Normal Butane/Butylene	1,379	--	2,340	456	-310	--	2,103	43	407	1,312	14,452
Isobutane/Isobutylene	988	--	-5	423	198	--	-372	1,548	--	428	1,861
Other Liquids	--	24,694	--	125	-3,543	-6,983	-725	14,690	973	-645	48,346
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	24,695	--	74	-16,254	230	-294	8,129	910	0	7,691
Hydrogen	--	--	--	--	--	682	--	682	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0	--
Renewable Fuels (including Fuel Ethanol)	--	24,695	--	14	-16,254	-441	-292	7,396	910	0	7,654
Fuel Ethanol ⁶	--	23,149	--	--	-15,728	49	-248	7,061	657	0	6,938
Renewable Fuels Except Fuel Ethanol	--	1,546	--	14	-527	-489	-44	335	253	0	716
Other Hydrocarbons	--	--	--	60	--	-11	-2	51	--	0	37
Unfinished Oils	--	--	--	--	323	--	-472	1,440	--	-645	12,795
Motor Gasoline Blend.Comp. (MGBC)	--	-1	--	51	12,388	-7,214	41	5,121	62	0	27,857
Reformulated	--	--	--	--	2,364	-814	-183	1,733	--	0	5,731
Conventional	--	-1	--	51	10,024	-6,400	224	3,388	62	0	22,126
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	--	--	0	3
Finished Petroleum Products	--	31	126,100	724	6,687	7,655	237	--	1,778	139,182	71,804
Finished Motor Gasoline	--	31	68,319	--	3,603	7,165	790	--	255	78,073	22,322
Reformulated	--	--	10,935	--	--	870	--	--	--	11,805	--
Conventional	--	31	57,384	--	3,603	6,295	790	--	255	66,268	22,322
Finished Aviation Gasoline	--	--	84	--	--	--	-21	--	--	105	131
Kerosene-Type Jet Fuel	--	--	7,574	--	560	--	-273	--	249	8,158	6,671
Kerosene	--	--	18	--	--	--	-20	--	0	38	152
Distillate Fuel Oil	--	--	31,560	57	3,343	489	690	--	157	34,602	27,949
15 ppm sulfur and under ⁷	--	--	31,635	54	5,080	489	1,030	--	20	36,208	26,170
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	184	1	-1,737	--	-123	--	94	-1,523	1,047
Greater than 500 ppm sulfur	--	--	-259	2	--	--	-217	--	43	-83	732
Residual Fuel Oil ⁸	--	--	1,540	220	-863	--	36	--	129	732	1,426
Less than 0.31 percent sulfur	--	--	1	35	--	--	-19	--	NA	NA	114
0.31 to 1.00 percent sulfur	--	--	155	86	--	--	64	--	NA	NA	269
Greater than 1.00 percent sulfur	--	--	1,384	99	-863	--	-9	--	NA	NA	1,043
Petrochemical Feedstocks	--	--	1,103	127	-312	--	82	--	--	836	653
Naphtha for Petro. Feed. Use	--	--	849	75	-335	--	46	--	--	543	530
Other Oils for Petro. Feed. Use	--	--	254	52	23	--	36	--	--	293	123
Special Naphthas	--	--	13	37	17	--	11	--	10	46	112
Lubricants	--	--	284	91	446	--	7	--	335	479	817
Waxes	--	--	42	--	--	--	1	--	26	15	38
Petroleum Coke	--	--	5,211	23	--	--	83	--	377	4,774	1,272
Marketable	--	--	3,744	23	--	--	83	--	377	3,307	1,272
Catalyst	--	--	1,467	--	--	--	--	--	--	1,467	--
Asphalt and Road Oil	--	--	5,659	167	-107	--	-1,159	--	239	6,640	10,158
Still Gas	--	--	4,295	--	--	--	--	--	--	4,295	--
Miscellaneous Products	--	--	398	2	--	--	10	--	1	389	103
Total	46,561	24,234	131,642	59,153	21,922	-1,025	-2,241	125,372	8,565	150,791	280,264

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

² 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.

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

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

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

⁶ Exports include industrial alcohol.

⁷ 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.

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

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

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

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Table 10. PAD District 2 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-July 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) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	221,506	--	--	371,594	164,372	5,059	13,170	739,622	9,739	0	106,359
Natural Gas Plant Liquids and Liquefied Refinery Gases	95,281	-3,547	31,115	19,675	-8,064	--	5,558	18,614	24,007	86,281	53,755
Pentanes Plus	10,026	-3,547	--	94	17,053	--	-932	5,804	20,784	-2,030	7,355
Liquefied Petroleum Gases	85,255	--	31,115	19,581	-25,117	--	6,490	12,810	3,223	88,311	46,400
Ethane/Ethylene	36,340	--	--	66	-23,885	--	-884	--	--	13,405	3,422
Propane/Propylene	32,326	--	23,952	14,933	-4,311	--	3,525	--	416	62,959	26,665
Normal Butane/Butylene	10,666	--	6,910	3,151	401	--	4,054	3,787	2,807	10,480	14,452
Isobutane/Isobutylene	5,923	--	253	1,431	2,678	--	-205	9,023	--	1,467	1,861
Other Liquids	--	184,838	--	1,035	-63,232	-39,364	1,241	77,018	4,972	47	48,346
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	184,844	--	617	-126,793	84	586	53,849	4,318	0	7,691
Hydrogen	--	--	--	--	--	4,600	--	4,600	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	3	--	--	3	0	--
Renewable Fuels (including Fuel Ethanol)	--	184,844	--	159	-126,793	-4,347	590	48,959	4,315	0	7,654
Fuel Ethanol ⁶	--	174,650	--	--	-122,918	-788	277	47,192	3,474	0	6,938
Renewable Fuels Except Fuel Ethanol	--	10,194	--	159	-3,874	-3,559	313	1,767	840	0	716
Other Hydrocarbons	--	--	--	458	--	-172	-4	290	--	0	37
Unfinished Oils	--	--	--	23	1,305	--	641	639	--	48	12,795
Motor Gasoline Blend.Comp. (MGBC)	--	-6	--	395	62,256	-39,448	27	22,516	654	0	27,857
Reformulated	--	--	--	--	11,266	-4,360	-109	7,015	--	0	5,731
Conventional	--	-6	--	395	50,990	-35,088	136	15,501	654	0	22,126
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	-13	14	--	-1	3
Finished Petroleum Products	--	192	848,669	5,293	32,086	42,888	-7,836	--	11,816	925,147	71,804
Finished Motor Gasoline	--	192	462,002	21	17,186	40,236	-1,996	--	922	520,711	22,322
Reformulated	--	--	75,266	--	--	3,859	--	--	6	79,119	--
Conventional	--	192	386,736	21	17,186	36,377	-1,996	--	916	441,592	22,322
Finished Aviation Gasoline	--	--	524	11	6	--	-40	--	--	581	131
Kerosene-Type Jet Fuel	--	--	49,658	--	2,579	--	-1,909	--	2,149	51,997	6,671
Kerosene	--	--	149	--	-100	--	-164	--	1	212	152
Distillate Fuel Oil	--	--	214,497	310	17,044	2,652	-5,419	--	1,316	238,605	27,949
15 ppm sulfur and under ⁷	--	--	212,277	280	26,544	2,652	-5,287	--	195	246,845	26,170
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	2,324	25	-9,500	--	52	--	731	-7,934	1,047
Greater than 500 ppm sulfur ⁷	--	--	-104	5	--	--	-184	--	390	-305	732
Residual Fuel Oil ⁸	--	--	9,245	1,441	-5,219	--	-21	--	1,254	4,234	1,426
Less than 0.31 percent sulfur	--	--	1	92	--	--	-102	--	NA	NA	114
0.31 to 1.00 percent sulfur	--	--	1,160	708	--	--	63	--	NA	NA	269
Greater than 1.00 percent sulfur	--	--	8,084	641	-5,219	--	18	--	NA	NA	1,043
Petrochemical Feedstocks	--	--	9,200	683	-1,120	--	103	--	--	8,660	653
Naphtha for Petro. Feed. Use	--	--	6,759	396	-1,091	--	72	--	--	5,992	530
Other Oils for Petro. Feed. Use	--	--	2,441	287	-29	--	31	--	--	2,668	123
Special Naphthas	--	--	-212	295	119	--	-16	--	77	141	112
Lubricants	--	--	2,007	971	2,867	--	38	--	1,994	3,813	817
Waxes	--	--	334	3	--	--	13	--	273	51	38
Petroleum Coke	--	--	35,199	276	--	--	279	--	2,497	32,699	1,272
Marketable	--	--	25,209	276	--	--	279	--	2,497	22,709	1,272
Catalyst	--	--	9,990	--	--	--	--	--	--	9,990	--
Asphalt and Road Oil	--	--	34,396	1,257	-1,276	--	1,280	--	1,329	31,768	10,158
Still Gas	--	--	28,981	--	--	--	--	--	--	28,981	--
Miscellaneous Products	--	--	2,689	25	--	--	16	--	4	2,694	103
Total	316,787	181,483	879,784	397,597	125,162	8,583	12,133	835,254	50,534	1,011,475	280,264

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

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

² 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.

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

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

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

⁶ Exports include industrial alcohol.

⁷ 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.

⁸ 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, July 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) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,099	--	--	1,753	626	-55	-146	3,499	71	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	403	-16	179	128	-21	--	90	72	116	395
Pentanes Plus	55	-16	--	1	80	--	3	20	101	-5
Liquefied Petroleum Gases	348	--	179	127	-101	--	87	51	15	401
Ethane/Ethylene	121	--	--	0	-94	--	-42	--	--	70
Propane/Propylene	151	--	103	99	-3	--	72	--	2	275
Normal Butane/Butylene	44	--	75	15	-10	--	68	1	13	42
Isobutane/Isobutylene	32	--	0	14	6	--	-12	50	--	14
Other Liquids	--	797	--	4	-114	-225	-23	474	31	-21
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	797	--	2	-524	7	-9	262	29	0
Hydrogen	--	--	--	--	--	22	--	22	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	797	--	0	-524	-14	-9	239	29	0
Fuel Ethanol ⁶	--	747	--	--	-507	2	-8	228	21	0
Renewable Fuels Except Fuel Ethanol	--	50	--	0	-17	-16	-1	11	8	0
Other Hydrocarbons	--	--	--	2	--	0	0	2	--	0
Unfinished Oils	--	--	--	--	10	--	-15	46	--	-21
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	2	400	-233	1	165	2	0
Reformulated	--	--	--	--	76	-26	-6	56	--	0
Conventional	--	0	--	2	323	-206	7	109	2	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	--	--	0
Finished Petroleum Products	--	1	4,068	23	216	247	8	--	57	4,490
Finished Motor Gasoline	--	1	2,204	--	116	231	25	--	8	2,518
Reformulated	--	--	353	--	--	28	--	--	--	381
Conventional	--	1	1,851	--	116	203	25	--	8	2,138
Finished Aviation Gasoline	--	--	3	--	--	--	-1	--	--	3
Kerosene-Type Jet Fuel	--	--	244	--	18	--	-9	--	8	263
Kerosene	--	--	1	--	--	--	-1	--	0	1
Distillate Fuel Oil	--	--	1,018	2	108	16	22	--	5	1,116
15 ppm sulfur and under ⁷	--	--	1,020	2	164	16	33	--	1	1,168
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	6	0	-56	--	-4	--	3	-49
Greater than 500 ppm sulfur	--	--	-8	0	--	--	-7	--	1	-3
Residual Fuel Oil ⁸	--	--	50	7	-28	--	1	--	4	24
Less than 0.31 percent sulfur	--	--	0	1	--	--	-1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	5	3	--	--	2	--	NA	NA
Greater than 1.00 percent sulfur	--	--	45	3	-28	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	36	4	-10	--	3	--	--	27
Naphtha for Petro. Feed. Use	--	--	27	2	-11	--	1	--	--	18
Other Oils for Petro. Feed. Use	--	--	8	2	1	--	1	--	--	9
Special Naphthas	--	--	0	1	1	--	0	--	0	1
Lubricants	--	--	9	3	14	--	0	--	11	15
Waxes	--	--	1	--	--	--	0	--	1	0
Petroleum Coke	--	--	168	1	--	--	3	--	12	154
Marketable	--	--	121	1	--	--	3	--	12	107
Catalyst	--	--	47	--	--	--	--	--	--	47
Asphalt and Road Oil	--	--	183	5	-3	--	-37	--	8	214
Still Gas	--	--	139	--	--	--	--	--	--	139
Miscellaneous Products	--	--	13	0	--	--	0	--	0	13
Total	1,502	782	4,247	1,908	707	-33	-72	4,044	276	4,864

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

² 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.

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

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

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

⁶ Exports include industrial alcohol.

⁷ 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.

⁸ 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-July 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) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,040	--	--	1,745	772	24	62	3,472	46	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	447	-17	146	92	-38	--	26	87	113	405
Pentanes Plus	47	-17	--	0	80	--	-4	27	98	-10
Liquefied Petroleum Gases	400	--	146	92	-118	--	30	60	15	415
Ethane/Ethylene	171	--	--	0	-112	--	-4	--	--	63
Propane/Propylene	152	--	112	70	-20	--	17	--	2	296
Normal Butane/Butylene	50	--	32	15	2	--	19	18	13	49
Isobutane/Isobutylene	28	--	1	7	13	--	-1	42	--	7
Other Liquids	--	868	--	5	-297	-185	6	362	23	0
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	868	--	3	-595	0	3	253	20	0
Hydrogen	--	--	--	--	--	22	--	22	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	868	--	1	-595	-20	3	230	20	0
Fuel Ethanol ⁶	--	820	--	--	-577	-4	1	222	16	0
Renewable Fuels Except Fuel Ethanol	--	48	--	1	-18	-17	1	8	4	0
Other Hydrocarbons	--	--	--	2	--	-1	0	1	--	0
Unfinished Oils	--	--	--	0	6	--	3	3	--	0
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	2	292	-185	0	106	3	0
Reformulated	--	--	--	--	53	-20	-1	33	--	0
Conventional	--	0	--	2	239	-165	1	73	3	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	1	3,984	25	151	201	-37	--	55	4,343
Finished Motor Gasoline	--	1	2,169	0	81	189	-9	--	4	2,445
Reformulated	--	--	353	--	--	18	--	--	0	371
Conventional	--	1	1,816	0	81	171	-9	--	4	2,073
Finished Aviation Gasoline	--	--	2	0	0	--	0	--	--	3
Kerosene-Type Jet Fuel	--	--	233	--	12	--	-9	--	10	244
Kerosene	--	--	1	--	0	--	-1	--	0	1
Distillate Fuel Oil	--	--	1,007	1	80	12	-25	--	6	1,120
15 ppm sulfur and under ⁷	--	--	997	1	125	12	-25	--	1	1,159
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	11	0	-45	--	0	--	3	-37
Greater than 500 ppm sulfur	--	--	0	0	--	--	-1	--	2	-1
Residual Fuel Oil ⁸	--	--	43	7	-25	--	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	-25	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	43	3	-5	--	0	--	--	41
Naphtha for Petro. Feed. Use	--	--	32	2	-5	--	0	--	--	28
Other Oils for Petro. Feed. Use	--	--	11	1	0	--	0	--	--	13
Special Naphthas	--	--	-1	1	1	--	0	--	0	1
Lubricants	--	--	9	5	13	--	0	--	9	18
Waxes	--	--	2	0	--	--	0	--	1	0
Petroleum Coke	--	--	165	1	--	--	1	--	12	154
Marketable	--	--	118	1	--	--	1	--	12	107
Catalyst	--	--	47	--	--	--	--	--	--	47
Asphalt and Road Oil	--	--	161	6	-6	--	6	--	6	149
Still Gas	--	--	136	--	--	--	--	--	--	136
Miscellaneous Products	--	--	13	0	--	--	0	--	0	13
Total	1,487	852	4,130	1,867	588	40	57	3,921	237	4,749

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

² 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.

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

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

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

⁶ Exports include industrial alcohol.

⁷ 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.

⁸ 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, July 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) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil⁶	115,194	--	--	127,398	-15,310	13,272	-8,544	249,098	0	0	878,292
Natural Gas Plant Liquids and Liquefied Refinery Gases	45,532	-15	15,568	879	8,628	--	7,082	8,796	5,290	49,424	105,706
Pentanes Plus	6,108	-15	--	829	-1,317	--	88	3,324	26	2,167	9,037
Liquefied Petroleum Gases	39,424	--	15,568	50	9,945	--	6,994	5,472	5,264	47,257	96,669
Ethane/Ethylene	19,025	--	553	--	7,419	--	-1,159	--	--	28,156	28,755
Propane/Propylene	12,928	--	11,480	--	989	--	3,452	--	4,786	17,159	33,920
Normal Butane/Butylene	2,093	--	3,468	50	1,099	--	4,207	1,576	478	449	28,862
Isobutane/Isobutylene	5,378	--	67	--	438	--	494	3,896	--	1,493	5,132
Other Liquids	--	2,943	--	13,702	-54,811	-3,044	-1,597	-47,494	4,727	3,153	106,710
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	2,943	--	23	3,477	3,442	-667	7,643	2,908	0	4,876
Hydrogen	--	--	--	--	--	3,630	--	3,630	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	1,915	--	--	--	-50	-183	54	1,994	0	796
Renewable Fuels (including Fuel Ethanol)	--	1,028	--	19	3,477	-134	-484	3,959	914	0	4,080
Fuel Ethanol ⁷	--	688	--	--	3,525	26	-424	3,849	814	0	3,157
Renewable Fuels Except Fuel Ethanol	--	340	--	19	-47	-161	-60	110	100	0	923
Other Hydrocarbons	--	--	--	4	--	-4	--	--	--	0	--
Unfinished Oils	--	--	--	12,951	-277	--	-1,529	11,050	--	3,153	43,528
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	728	-58,011	-6,486	601	-66,189	1,819	0	58,297
Reformulated	--	--	--	--	-12,930	1,297	1,186	-12,869	--	0	11,363
Conventional	--	--	--	728	-45,081	-7,783	-585	-53,320	1,769	0	46,934
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	-2	2	--	0	9
Finished Petroleum Products	--	--	212,762	6,729	-58,710	6,620	4,378	--	59,882	103,142	108,014
Finished Motor Gasoline	--	--	59,217	910	-13,424	6,460	390	--	11,009	41,764	15,587
Reformulated	--	--	12,172	--	-80	-1,381	24	--	--	10,687	113
Conventional	--	--	47,045	910	-13,344	7,841	366	--	11,009	31,077	15,474
Finished Aviation Gasoline	--	--	280	--	-215	--	-88	--	--	153	486
Kerosene-Type Jet Fuel	--	--	24,973	--	-16,686	--	542	--	2,910	4,835	13,718
Kerosene	--	--	17	--	--	--	-48	--	112	-47	183
Distillate Fuel Oil	--	--	77,576	--	-28,434	161	3,351	--	23,644	22,307	40,065
15 ppm sulfur and under ⁸	--	--	67,414	--	-25,323	161	3,057	--	18,983	20,211	31,496
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	3,135	--	1,451	--	36	--	2,128	2,422	2,487
Greater than 500 ppm sulfur ⁸	--	--	7,027	--	-4,562	--	258	--	2,533	-326	6,082
Residual Fuel Oil ⁹	--	--	5,697	2,193	857	--	-155	--	7,126	1,776	19,430
Less than 0.31 percent sulfur	--	--	403	208	--	--	6	--	NA	NA	1,364
0.31 to 1.00 percent sulfur	--	--	1,009	906	--	--	121	--	NA	NA	2,713
Greater than 1.00 percent sulfur	--	--	4,285	1,079	857	--	-282	--	NA	NA	15,353
Petrochemical Feedstocks	--	--	7,964	2,339	325	--	24	--	--	10,604	2,041
Naphtha for Petro. Feed. Use	--	--	4,615	550	303	--	50	--	--	5,418	1,288
Other Oils for Petro. Feed. Use	--	--	3,349	1,789	22	--	-26	--	--	5,186	753
Special Naphthas	--	--	1,455	446	-17	--	99	--	1,769	16	1,135
Lubricants	--	--	4,083	710	-756	--	516	--	1,604	1,917	6,765
Waxes	--	--	230	29	--	--	52	--	50	157	397
Petroleum Coke	--	--	14,784	101	--	--	-625	--	11,372	4,138	3,539
Marketable	--	--	11,101	101	--	--	-625	--	11,372	455	3,539
Catalyst	--	--	3,683	--	--	--	--	--	--	3,683	--
Asphalt and Road Oil	--	--	2,956	--	-360	--	312	--	226	2,058	4,341
Still Gas	--	--	11,943	--	--	--	--	--	--	11,943	--
Miscellaneous Products	--	--	1,587	1	--	--	8	--	61	1,519	327
Total	160,726	2,928	228,330	148,708	-120,203	16,848	1,319	210,400	69,899	155,719	1,198,722

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

² 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.

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

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

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

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Exports include industrial alcohol.

⁸ 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.

⁹ 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-July 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) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil⁶	770,758	--	--	981,308	-141,635	44,633	25,456	1,628,319	1,288	0	878,292
Natural Gas Plant Liquids and Liquefied Refinery Gases	302,096	-104	94,704	7,562	66,897	--	38,517	59,057	33,012	340,569	105,706
Pentanes Plus	36,932	-104	--	6,553	-9,292	--	8	22,851	302	10,928	9,037
Liquefied Petroleum Gases	265,164	--	94,704	1,009	76,189	--	38,509	36,206	32,710	329,641	96,669
Ethane/Ethylene	131,133	--	3,893	--	62,559	--	10,575	--	--	187,010	28,755
Propane/Propylene	85,549	--	74,306	162	7,174	--	9,990	--	31,018	126,183	33,920
Normal Butane/Butylene	15,664	--	15,127	817	4,796	--	16,906	12,284	1,692	5,522	28,862
Isobutane/Isobutylene	32,818	--	1,378	30	1,660	--	1,038	23,922	--	10,926	5,132
Other Liquids	--	19,308	--	97,147	-323,925	-16,830	4,775	-269,454	28,805	11,573	106,710
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	19,308	--	454	28,347	22,780	190	51,084	19,614	0	4,876
Hydrogen	--	--	--	--	--	23,331	--	23,331	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	12,053	--	--	--	591	-289	421	12,512	0	796
Renewable Fuels (including Fuel Ethanol)	--	7,255	--	234	28,347	-922	479	27,332	7,102	0	4,080
Fuel Ethanol ⁷	--	4,658	--	78	28,887	-441	196	26,395	6,591	0	3,157
Renewable Fuels Except Fuel Ethanol	--	2,597	--	156	-541	-481	283	937	511	0	923
Other Hydrocarbons	--	--	--	220	--	-220	--	--	--	0	--
Unfinished Oils	--	--	--	89,753	-1,525	--	3,454	73,201	--	11,573	43,528
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	6,940	-350,747	-39,611	1,130	-393,738	9,190	0	58,297
Reformulated	--	--	--	71	-80,218	12,927	-2	-67,614	--	0	11,363
Conventional	--	--	--	6,869	-270,529	-52,538	1,132	-326,124	8,794	0	46,934
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	1	-1	--	0	9
Finished Petroleum Products	--	--	1,450,234	38,684	-394,408	41,440	-4,489	--	418,116	722,323	108,014
Finished Motor Gasoline	--	--	418,709	4,533	-100,776	40,052	-3,088	--	74,269	291,337	15,587
Reformulated	--	--	83,465	--	-80	-13,200	113	--	667	69,405	113
Conventional	--	--	335,244	4,533	-100,696	53,252	-3,201	--	73,602	221,932	15,474
Finished Aviation Gasoline	--	--	2,004	--	-2,271	--	-18	--	--	-249	486
Kerosene-Type Jet Fuel	--	--	161,223	--	-111,763	--	1,399	--	15,232	32,829	13,718
Kerosene	--	--	432	--	100	--	-104	--	479	157	183
Distillate Fuel Oil	--	--	517,327	449	-177,509	1,388	-2,548	--	165,728	178,474	40,065
15 ppm sulfur and under ⁸	--	--	440,684	--	-152,952	1,388	-3,353	--	128,507	163,966	31,496
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	20,496	--	5,190	--	-90	--	18,648	7,128	2,487
Greater than 500 ppm sulfur	--	--	56,147	449	-29,747	--	895	--	18,574	7,380	6,082
Residual Fuel Oil ⁹	--	--	59,182	9,443	3,605	--	1,122	--	64,081	7,027	19,430
Less than 0.31 percent sulfur	--	--	2,127	580	--	--	-598	--	NA	NA	1,364
0.31 to 1.00 percent sulfur	--	--	8,079	3,049	-126	--	630	--	NA	NA	2,713
Greater than 1.00 percent sulfur	--	--	48,976	5,814	3,731	--	1,090	--	NA	NA	15,353
Petrochemical Feedstocks	--	--	54,288	16,271	995	--	-412	--	--	71,966	2,041
Naphtha for Petro. Feed. Use	--	--	35,192	6,209	775	--	-119	--	--	42,295	1,288
Other Oils for Petro. Feed. Use	--	--	19,096	10,062	220	--	-293	--	--	29,671	753
Special Naphthas	--	--	10,187	2,138	-119	--	273	--	9,853	2,080	1,135
Lubricants	--	--	25,468	4,660	-5,314	--	-451	--	10,983	14,282	6,765
Waxes	--	--	1,427	149	--	--	91	--	357	1,128	397
Petroleum Coke	--	--	97,731	1,024	--	--	-958	--	74,100	25,613	3,539
Marketable	--	--	73,666	1,024	--	--	-958	--	74,100	1,548	3,539
Catalyst	--	--	24,065	--	--	--	--	--	--	24,065	--
Asphalt and Road Oil	--	--	16,371	--	-1,356	--	230	--	2,272	12,513	4,341
Still Gas	--	--	75,920	--	--	--	--	--	--	75,920	--
Miscellaneous Products	--	--	9,965	17	--	--	-25	--	762	9,245	327
Total	1,072,854	19,204	1,544,938	1,124,701	-793,071	69,242	64,259	1,417,922	481,220	1,074,465	1,198,722

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

² 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.

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

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

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

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Exports include industrial alcohol.

⁸ 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.

⁹ 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, July 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) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	3,716	--	--	4,110	-494	428	-276	8,035	0	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	1,469	0	502	28	278	--	228	284	171	1,594
Pentanes Plus	197	0	--	27	-42	--	3	107	1	70
Liquefied Petroleum Gases	1,272	--	502	2	321	--	226	177	170	1,524
Ethane/Ethylene	614	--	18	--	239	--	-37	--	--	908
Propane/Propylene	417	--	370	--	32	--	111	--	154	554
Normal Butane/Butylene	68	--	112	2	35	--	136	51	15	14
Isobutane/Isobutylene	173	--	2	--	14	--	16	126	--	48
Other Liquids	--	95	--	442	-1,768	-98	-52	-1,532	152	102
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	95	--	1	112	111	-22	247	94	0
Hydrogen	--	--	--	--	--	117	--	117	--	0
Oxygenates (excluding Fuel Ethanol)	--	62	--	--	--	-2	-6	2	64	0
Renewable Fuels (including Fuel Ethanol)	--	33	--	1	112	-4	-16	128	29	0
Fuel Ethanol ⁷	--	22	--	--	114	1	-14	124	26	0
Renewable Fuels Except Fuel Ethanol	--	11	--	1	-2	-5	-2	4	3	0
Other Hydrocarbons	--	--	--	0	--	0	--	--	--	0
Unfinished Oils	--	--	--	418	-9	--	-49	356	--	102
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	23	-1,871	-209	19	-2,135	59	0
Reformulated	--	--	--	--	-417	42	38	-415	--	0
Conventional	--	--	--	23	-1,454	-251	-19	-1,720	57	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	--	6,863	217	-1,894	214	141	--	1,932	3,327
Finished Motor Gasoline	--	--	1,910	29	-433	208	13	--	355	1,347
Reformulated	--	--	393	--	-3	-45	1	--	--	345
Conventional	--	--	1,518	29	-430	253	12	--	355	1,002
Finished Aviation Gasoline	--	--	9	--	-7	--	-3	--	--	5
Kerosene-Type Jet Fuel	--	--	806	--	-538	--	17	--	94	156
Kerosene	--	--	1	--	--	--	-2	--	4	-2
Distillate Fuel Oil	--	--	2,502	--	-917	5	108	--	763	720
15 ppm sulfur and under ⁸	--	--	2,175	--	-817	5	99	--	612	652
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	101	--	47	--	1	--	69	78
Greater than 500 ppm sulfur	--	--	227	--	-147	--	8	--	82	-11
Residual Fuel Oil ⁹	--	--	184	71	28	--	-5	--	230	57
Less than 0.31 percent sulfur	--	--	13	7	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	33	29	--	--	4	--	NA	NA
Greater than 1.00 percent sulfur	--	--	138	35	28	--	-9	--	NA	NA
Petrochemical Feedstocks	--	--	257	75	10	--	1	--	--	342
Naphtha for Petro. Feed. Use	--	--	149	18	10	--	2	--	--	175
Other Oils for Petro. Feed. Use	--	--	108	58	1	--	-1	--	--	167
Special Naphthas	--	--	47	14	-1	--	3	--	57	1
Lubricants	--	--	132	23	-24	--	17	--	52	62
Waxes	--	--	7	1	--	--	2	--	2	5
Petroleum Coke	--	--	477	3	--	--	-20	--	367	133
Marketable	--	--	358	3	--	--	-20	--	367	15
Catalyst	--	--	119	--	--	--	--	--	--	119
Asphalt and Road Oil	--	--	95	--	-12	--	10	--	7	66
Still Gas	--	--	385	--	--	--	--	--	--	385
Miscellaneous Products	--	--	51	0	--	--	0	--	2	49
Total	5,185	94	7,365	4,797	-3,878	543	43	6,787	2,255	5,023

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

² 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.

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

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

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

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Exports include industrial alcohol.

⁸ 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.

⁹ 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-July 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) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	3,619	--	--	4,607	-665	210	120	7,645	6	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	1,418	0	445	36	314	--	181	277	155	1,599
Pentanes Plus	173	0	--	31	-44	--	0	107	1	51
Liquefied Petroleum Gases	1,245	--	445	5	358	--	181	170	154	1,548
Ethane/Ethylene	616	--	18	--	294	--	50	--	--	878
Propane/Propylene	402	--	349	1	34	--	47	--	146	592
Normal Butane/Butylene	74	--	71	4	23	--	79	58	8	26
Isobutane/Isobutylene	154	--	6	0	8	--	5	112	--	51
Other Liquids	--	91	--	456	-1,521	-79	22	-1,265	135	54
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	91	--	2	133	107	1	240	92	0
Hydrogen	--	--	--	--	--	110	--	110	--	0
Oxygenates (excluding Fuel Ethanol)	--	57	--	--	--	3	-1	2	59	0
Renewable Fuels (including Fuel Ethanol)	--	34	--	1	133	-4	2	128	33	0
Fuel Ethanol ⁷	--	22	--	0	136	-2	1	124	31	0
Renewable Fuels Except Fuel Ethanol	--	12	--	1	-3	-2	1	4	2	0
Other Hydrocarbons	--	--	--	1	--	-1	--	--	--	0
Unfinished Oils	--	--	--	421	-7	--	16	344	--	54
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	33	-1,647	-186	5	-1,849	43	0
Reformulated	--	--	--	0	-377	61	0	-317	--	0
Conventional	--	--	--	32	-1,270	-247	5	-1,531	41	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	--	6,809	182	-1,852	195	-21	--	1,963	3,391
Finished Motor Gasoline	--	--	1,966	21	-473	188	-14	--	349	1,368
Reformulated	--	--	392	--	0	-62	1	--	3	326
Conventional	--	--	1,574	21	-473	250	-15	--	346	1,042
Finished Aviation Gasoline	--	--	9	--	-11	--	0	--	--	-1
Kerosene-Type Jet Fuel	--	--	757	--	-525	--	7	--	72	154
Kerosene	--	--	2	--	0	--	0	--	2	1
Distillate Fuel Oil	--	--	2,429	2	-833	7	-12	--	778	838
15 ppm sulfur and under ⁸	--	--	2,069	--	-718	7	-16	--	603	770
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	96	--	24	--	0	--	88	33
Greater than 500 ppm sulfur	--	--	264	2	-140	--	4	--	87	35
Residual Fuel Oil ⁹	--	--	278	44	17	--	5	--	301	33
Less than 0.31 percent sulfur	--	--	10	3	--	--	-3	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	38	14	-1	--	3	--	NA	NA
Greater than 1.00 percent sulfur	--	--	230	27	18	--	5	--	NA	NA
Petrochemical Feedstocks	--	--	255	76	5	--	-2	--	--	338
Naphtha for Petro. Feed. Use	--	--	165	29	4	--	-1	--	--	199
Other Oils for Petro. Feed. Use	--	--	90	47	1	--	-1	--	--	139
Special Naphthas	--	--	48	10	-1	--	1	--	46	10
Lubricants	--	--	120	22	-25	--	-2	--	52	67
Waxes	--	--	7	1	--	--	0	--	2	5
Petroleum Coke	--	--	459	5	--	--	-4	--	348	120
Marketable	--	--	346	5	--	--	-4	--	348	7
Catalyst	--	--	113	--	--	--	--	--	--	113
Asphalt and Road Oil	--	--	77	--	-6	--	1	--	11	59
Still Gas	--	--	356	--	--	--	--	--	--	356
Miscellaneous Products	--	--	47	0	--	--	0	--	4	43
Total	5,037	90	7,253	5,280	-3,723	325	302	6,657	2,259	5,044

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

² 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.

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

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

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

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Exports include industrial alcohol.

⁸ 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.

⁹ 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, July 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) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	13,374	--	--	11,825	-3,987	-3,435	-798	18,575	--	0	16,428
Natural Gas Plant Liquids and Liquefied Refinery Gases	11,065	-10	413	169	-9,496	--	-21	555	416	1,191	1,403
Pentanes Plus	1,605	-10	--	--	-1,162	--	-6	195	358	-114	193
Liquefied Petroleum Gases	9,460	--	413	169	-8,334	--	-15	360	58	1,305	1,210
Ethane/Ethylene	4,840	--	--	--	-4,518	--	-3	--	--	325	398
Propane/Propylene	2,962	--	295	150	-2,391	--	14	--	2	1,000	352
Normal Butane/Butylene	1,251	--	170	19	-789	--	-3	119	56	479	303
Isobutane/Isobutylene	407	--	-52	--	-636	--	-23	241	--	-499	157
Other Liquids	--	433	--	--	739	-391	-76	722	0	134	5,950
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	433	--	--	383	200	10	1,005	0	0	318
Hydrogen	--	--	--	--	--	218	--	218	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0	--
Renewable Fuels (including Fuel Ethanol)	--	433	--	--	383	-18	10	787	0	0	318
Fuel Ethanol ⁶	--	431	--	--	347	5	12	771	--	0	315
Renewable Fuels Except Fuel Ethanol	--	2	--	--	36	-23	-2	16	0	0	3
Other Hydrocarbons	--	--	--	--	--	0	--	--	--	0	--
Unfinished Oils	--	--	--	--	--	--	-81	-53	--	134	2,876
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	356	-591	-5	-230	--	0	2,756
Reformulated	--	--	--	--	--	0	--	--	--	--	--
Conventional	--	--	--	--	356	-591	-5	-230	--	0	2,756
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	20,567	178	193	609	-791	--	96	22,242	9,768
Finished Motor Gasoline	--	--	10,034	--	-349	586	-3	--	1	10,273	3,630
Reformulated	--	--	--	--	--	0	--	--	--	0	--
Conventional	--	--	10,034	--	-349	586	-3	--	1	10,273	3,630
Finished Aviation Gasoline	--	--	20	--	--	--	-1	--	--	21	15
Kerosene-Type Jet Fuel	--	--	879	--	756	--	-46	--	--	1,681	636
Kerosene	--	--	--	--	--	--	0	--	--	0	2
Distillate Fuel Oil	--	--	6,325	40	-214	23	-492	--	--	6,666	3,353
15 ppm sulfur and under ⁷	--	--	6,299	--	-214	23	-430	--	--	6,538	3,136
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	104	40	--	--	2	--	--	142	118
Greater than 500 ppm sulfur	--	--	-78	--	--	--	-64	--	--	-14	99
Residual Fuel Oil ⁸	--	--	374	10	--	--	-22	--	4	402	198
Less than 0.31 percent sulfur	--	--	159	--	--	--	-2	--	NA	NA	17
0.31 to 1.00 percent sulfur	--	--	53	--	--	--	8	--	NA	NA	23
Greater than 1.00 percent sulfur	--	--	162	10	--	--	-28	--	NA	NA	158
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	54	-54	--
Lubricants	--	--	--	--	--	--	0	--	11	-11	1
Waxes	--	--	--	--	--	--	--	--	1	-1	--
Petroleum Coke	--	--	786	36	--	--	24	--	--	798	68
Marketable	--	--	538	36	--	--	24	--	--	550	68
Catalyst	--	--	248	--	--	--	--	--	--	248	--
Asphalt and Road Oil	--	--	1,192	91	--	--	-250	--	26	1,507	1,849
Still Gas	--	--	814	--	--	--	--	--	--	814	--
Miscellaneous Products	--	--	143	1	--	--	-1	--	--	145	16
Total	24,439	423	20,980	12,172	-12,551	-3,217	-1,686	19,852	512	23,567	33,549

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

² 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.

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

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

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

⁶ Exports include industrial alcohol.

⁷ 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.

⁸ 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-July 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) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	90,879	--	--	69,068	-25,226	-12,356	459	121,901	5	0	16,428
Natural Gas Plant Liquids and Liquefied Refinery Gases	84,119	-63	2,330	1,987	-72,439	--	28	3,881	2,650	9,375	1,403
Pentanes Plus	10,668	-63	--	--	-7,742	--	13	1,143	2,204	-497	193
Liquefied Petroleum Gases	73,451	--	2,330	1,987	-64,697	--	15	2,738	446	9,872	1,210
Ethane/Ethylene	40,221	--	--	--	-38,674	--	-8	--	--	1,555	398
Propane/Propylene	21,438	--	1,993	1,867	-16,466	--	-3	--	9	8,826	352
Normal Butane/Butylene	8,842	--	578	90	-5,219	--	25	1,135	437	2,694	303
Isobutane/Isobutylene	2,950	--	-241	30	-4,338	--	1	1,603	--	-3,203	157
Other Liquids	--	3,079	--	--	4,137	-2,598	355	3,186	6	1,070	5,950
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	3,079	--	--	2,155	1,121	10	6,338	6	0	318
Hydrogen	--	--	--	--	--	1,317	--	1,317	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0	--
Renewable Fuels (including Fuel Ethanol)	--	3,079	--	--	2,155	-197	10	5,021	6	0	318
Fuel Ethanol ⁶	--	3,043	--	--	1,998	-81	8	4,946	6	0	315
Renewable Fuels Except Fuel Ethanol	--	36	--	--	157	-115	2	75	0	0	3
Other Hydrocarbons	--	--	--	--	--	0	--	--	--	0	--
Unfinished Oils	--	--	--	--	--	--	336	-1,406	--	1,070	2,876
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	1,982	-3,719	9	-1,746	--	0	2,756
Reformulated	--	--	--	--	--	0	--	--	--	--	--
Conventional	--	--	--	--	1,982	-3,719	9	-1,746	--	0	2,756
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	132,087	1,199	406	3,916	-1,992	--	650	138,950	9,768
Finished Motor Gasoline	--	--	65,387	--	-3,826	3,800	-1,206	--	48	66,520	3,630
Reformulated	--	--	--	--	--	0	--	--	3	-3	--
Conventional	--	--	65,387	--	-3,826	3,800	-1,206	--	44	66,523	3,630
Finished Aviation Gasoline	--	--	96	1	--	--	-3	--	--	100	15
Kerosene-Type Jet Fuel	--	--	5,447	--	5,455	--	61	--	12	10,829	636
Kerosene	--	--	8	--	--	--	1	--	7	0	2
Distillate Fuel Oil	--	--	41,217	428	-1,223	115	-806	--	4	41,339	3,353
15 ppm sulfur and under ⁷	--	--	39,583	119	-1,223	115	-617	--	0	39,211	3,136
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	1,796	309	--	--	-161	--	4	2,262	118
Greater than 500 ppm sulfur	--	--	-162	--	--	--	-28	--	--	-134	99
Residual Fuel Oil ⁸	--	--	2,515	75	--	--	-18	--	37	2,571	198
Less than 0.31 percent sulfur	--	--	1,228	--	--	--	-3	--	NA	NA	17
0.31 to 1.00 percent sulfur	--	--	277	5	--	--	16	--	NA	NA	23
Greater than 1.00 percent sulfur	--	--	1,010	70	--	--	-31	--	NA	NA	158
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	270	-270	--
Lubricants	--	--	--	--	--	--	1	--	82	-83	1
Waxes	--	--	--	4	--	--	--	--	3	1	--
Petroleum Coke	--	--	5,093	36	--	--	-359	--	0	5,488	68
Marketable	--	--	3,452	36	--	--	-359	--	0	3,847	68
Catalyst	--	--	1,641	--	--	--	--	--	--	1,641	--
Asphalt and Road Oil	--	--	6,293	647	--	--	335	--	187	6,418	1,849
Still Gas	--	--	5,208	--	--	--	--	--	--	5,208	--
Miscellaneous Products	--	--	823	8	--	--	2	--	--	829	16
Total	174,998	3,016	134,417	72,254	-93,122	-11,039	-1,150	128,968	3,310	149,395	33,549

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

² 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.

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

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

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

⁶ Exports include industrial alcohol.

⁷ 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.

⁸ 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, July 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) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	431	--	--	381	-129	-111	-26	599	-	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	357	0	13	5	-306	--	-1	18	13	38
Pentanes Plus	52	0	--	--	-37	--	0	6	12	-4
Liquefied Petroleum Gases	305	--	13	5	-269	--	0	12	2	42
Ethane/Ethylene	156	--	--	--	-146	--	0	--	--	10
Propane/Propylene	96	--	10	5	-77	--	0	--	0	32
Normal Butane/Butylene	40	--	5	1	-25	--	0	4	2	15
Isobutane/Isobutylene	13	--	-2	--	-21	--	-1	8	--	-16
Other Liquids	--	14	--	--	24	-13	-2	23	0	4
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	14	--	--	12	6	0	32	0	0
Hydrogen	--	--	--	--	--	7	--	7	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	14	--	--	12	-1	0	25	0	0
Fuel Ethanol ⁶	--	14	--	--	11	0	0	25	--	0
Renewable Fuels Except Fuel Ethanol	--	0	--	--	1	-1	0	1	0	0
Other Hydrocarbons	--	--	--	--	--	0	--	--	--	0
Unfinished Oils	--	--	--	--	--	--	-3	-2	--	4
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	11	-19	0	-7	--	0
Reformulated	--	--	--	--	--	0	--	--	--	--
Conventional	--	--	--	--	11	-19	0	-7	--	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	663	6	6	20	-26	--	3	717
Finished Motor Gasoline	--	--	324	--	-11	19	0	--	0	331
Reformulated	--	--	--	--	--	0	--	--	--	0
Conventional	--	--	324	--	-11	19	0	--	0	331
Finished Aviation Gasoline	--	--	1	--	--	--	0	--	--	1
Kerosene-Type Jet Fuel	--	--	28	--	24	--	-1	--	--	54
Kerosene	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	204	1	-7	1	-16	--	--	215
15 ppm sulfur and under ⁷	--	--	203	--	-7	1	-14	--	--	211
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	3	1	--	--	0	--	--	5
Greater than 500 ppm sulfur	--	--	-3	--	--	--	-2	--	--	0
Residual Fuel Oil ⁸	--	--	12	0	--	--	-1	--	0	13
Less than 0.31 percent sulfur	--	--	5	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	2	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	5	0	--	--	-1	--	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
Petroleum Coke	--	--	25	1	--	--	1	--	--	26
Marketable	--	--	17	1	--	--	1	--	--	18
Catalyst	--	--	8	--	--	--	--	--	--	8
Asphalt and Road Oil	--	--	38	3	--	--	-8	--	1	49
Still Gas	--	--	26	--	--	--	--	--	--	26
Miscellaneous Products	--	--	5	0	--	--	0	--	--	5
Total	788	14	677	393	-405	-104	-54	640	17	760

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

² 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.

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

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

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

⁶ Exports include industrial alcohol.

⁷ 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.

⁸ 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-July 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) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	427	--	--	324	-118	-58	2	572	0	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	395	0	11	9	-340	--	0	18	12	44
Pentanes Plus	50	0	--	--	-36	--	0	5	10	-2
Liquefied Petroleum Gases	345	--	11	9	-304	--	0	13	2	46
Ethane/Ethylene	189	--	--	--	-182	--	0	--	--	7
Propane/Propylene	101	--	9	9	-77	--	0	--	0	41
Normal Butane/Butylene	42	--	3	0	-25	--	0	5	2	13
Isobutane/Isobutylene	14	--	-1	0	-20	--	0	8	--	-15
Other Liquids	--	14	--	--	19	-12	2	15	0	5
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	14	--	--	10	5	0	30	0	0
Hydrogen	--	--	--	--	--	6	--	6	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	14	--	--	10	-1	0	24	0	0
Fuel Ethanol ⁶	--	14	--	--	9	0	0	23	0	0
Renewable Fuels Except Fuel Ethanol	--	0	--	--	1	-1	0	0	0	0
Other Hydrocarbons	--	--	--	--	--	0	--	--	--	0
Unfinished Oils	--	--	--	--	--	--	2	-7	--	5
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	9	-17	0	-8	--	0
Reformulated	--	--	--	--	--	0	--	--	--	--
Conventional	--	--	--	--	9	-17	0	-8	--	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	620	6	2	18	-9	--	3	652
Finished Motor Gasoline	--	--	307	--	-18	18	-6	--	0	312
Reformulated	--	--	--	--	--	0	--	--	0	0
Conventional	--	--	307	--	-18	18	-6	--	0	312
Finished Aviation Gasoline	--	--	0	0	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	26	--	26	--	0	--	0	51
Kerosene	--	--	0	--	--	--	0	--	0	0
Distillate Fuel Oil	--	--	194	2	-6	1	-4	--	0	194
15 ppm sulfur and under ⁷	--	--	186	1	-6	1	-3	--	0	184
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	8	1	--	--	-1	--	0	11
Greater than 500 ppm sulfur	--	--	-1	--	--	--	0	--	--	-1
Residual Fuel Oil ⁸	--	--	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	--	--	24	0	--	--	-2	--	0	26
Marketable	--	--	16	0	--	--	-2	--	0	18
Catalyst	--	--	8	--	--	--	--	--	--	8
Asphalt and Road Oil	--	--	30	3	--	--	2	--	1	30
Still Gas	--	--	24	--	--	--	--	--	--	24
Miscellaneous Products	--	--	4	0	--	--	0	--	--	4
Total	822	14	631	339	-437	-52	-5	605	16	701

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

² 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.

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

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

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

⁶ Exports include industrial alcohol.

⁷ 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.

⁸ 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, July 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) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	30,938	--	--	47,001	--	-1,342	-2,798	79,395	--	0	54,606
Natural Gas Plant Liquids and Liquefied Refinery Gases	1,668	-8	2,628	125	--	--	1,264	1,515	453	1,181	6,646
Pentanes Plus	766	-8	--	--	--	--	71	499	119	69	145
Liquefied Petroleum Gases	902	--	2,628	125	--	--	1,193	1,016	335	1,111	6,501
Ethane/Ethylene	3	--	--	--	--	--	--	--	--	3	--
Propane/Propylene	340	--	1,496	118	--	--	598	--	280	1,076	2,089
Normal Butane/Butylene	87	--	1,104	7	--	--	513	476	55	154	3,700
Isobutane/Isobutylene	472	--	28	--	--	--	82	540	--	-122	712
Other Liquids	--	456	--	1,535	7,488	2,078	-449	12,301	224	-519	44,653
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	456	--	243	4,152	1,258	-14	6,048	75	0	2,683
Hydrogen	--	--	--	--	--	1,399	--	1,399	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	2	--	--	2	0	--
Renewable Fuels (including Fuel Ethanol)	--	456	--	243	4,152	-142	-14	4,649	74	0	2,683
Fuel Ethanol ⁶	--	391	--	243	3,820	31	-38	4,522	2	0	2,511
Renewable Fuels Except Fuel Ethanol	--	65	--	--	332	-173	24	127	72	0	172
Other Hydrocarbons	--	--	--	--	--	0	--	--	--	0	--
Unfinished Oils	--	--	--	1,107	--	--	-193	1,819	--	-519	18,666
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	185	3,336	819	-242	4,434	148	0	23,304
Reformulated	--	--	--	--	2,078	-81	-736	2,733	--	0	11,535
Conventional	--	--	--	185	1,258	900	494	1,701	148	0	11,769
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	96,430	2,171	2,169	-672	260	--	11,875	87,963	36,063
Finished Motor Gasoline	--	--	48,179	16	965	-850	-310	--	1,430	47,190	3,994
Reformulated	--	--	32,640	--	--	291	-5	--	--	32,936	14
Conventional	--	--	15,539	16	965	-1,141	-305	--	1,430	14,254	3,980
Finished Aviation Gasoline	--	--	3	2	--	--	-116	--	--	121	221
Kerosene-Type Jet Fuel	--	--	15,036	360	348	--	-146	--	1,211	14,679	8,938
Kerosene	--	--	-8	--	--	--	-7	--	6	-7	58
Distillate Fuel Oil	--	--	18,077	790	1,070	178	638	--	3,504	15,973	13,160
15 ppm sulfur and under ⁷	--	--	16,664	763	1,070	178	571	--	3,194	14,911	11,369
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	380	2	--	--	-183	--	249	316	626
Greater than 500 ppm sulfur	--	--	1,033	25	--	--	250	--	62	746	1,165
Residual Fuel Oil ⁸	--	--	3,909	778	--	--	199	--	516	3,972	5,159
Less than 0.31 percent sulfur	--	--	66	--	--	--	-9	--	NA	NA	365
0.31 to 1.00 percent sulfur	--	--	968	1	--	--	116	--	NA	NA	871
Greater than 1.00 percent sulfur	--	--	2,875	777	--	--	92	--	NA	NA	3,922
Petrochemical Feedstocks	--	--	7	70	--	--	-1	--	--	78	2
Naphtha for Petro. Feed. Use	--	--	7	70	--	--	-1	--	--	78	2
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	29	--	--	--	-11	--	1	39	14
Lubricants	--	--	805	5	-214	--	247	--	399	-50	1,211
Waxes	--	--	--	48	--	--	--	--	6	42	--
Petroleum Coke	--	--	4,895	44	--	--	-59	--	4,689	309	1,377
Marketable	--	--	3,913	44	--	--	-59	--	4,689	-673	1,377
Catalyst	--	--	982	--	--	--	--	--	--	982	--
Asphalt and Road Oil	--	--	1,031	58	--	--	-165	--	112	1,142	1,850
Still Gas	--	--	4,064	--	--	--	--	--	--	4,064	--
Miscellaneous Products	--	--	403	--	--	--	-9	--	1	411	79
Total	32,606	448	99,058	50,832	9,657	63	-1,723	93,211	12,552	88,625	141,968

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

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

² 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.

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

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

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

⁶ Exports include industrial alcohol.

⁷ 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.

⁸ 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-July 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) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	237,906	--	--	251,949	--	7,573	-327	497,755	0	0	54,606
Natural Gas Plant Liquids and Liquefied Refinery Gases	13,389	-69	12,413	1,043	--	--	2,316	12,899	3,143	8,418	6,646
Pentanes Plus	6,256	-69	--	--	--	--	74	4,748	533	832	145
Liquefied Petroleum Gases	7,133	--	12,413	1,043	--	--	2,242	8,151	2,609	7,587	6,501
Ethane/Ethylene	27	--	--	--	--	--	--	--	--	27	--
Propane/Propylene	2,394	--	9,406	903	--	--	509	--	2,265	9,929	2,089
Normal Butane/Butylene	1,433	--	3,326	132	--	--	1,580	4,542	345	-1,576	3,700
Isobutane/Isobutylene	3,279	--	-319	8	--	--	153	3,609	--	-794	712
Other Liquids	--	4,127	--	10,971	52,098	16,603	-2,059	85,000	1,540	-681	44,653
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	4,127	--	243	30,032	7,381	390	40,607	786	0	2,683
Hydrogen	--	--	--	--	--	9,024	--	9,024	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	357	--	--	357	0	--
Renewable Fuels (including Fuel Ethanol)	--	4,127	--	243	30,032	-2,000	390	31,583	429	0	2,683
Fuel Ethanol ⁶	--	3,341	--	243	27,956	-507	331	30,599	103	0	2,511
Renewable Fuels Except Fuel Ethanol	--	786	--	--	2,076	-1,493	59	984	326	0	172
Other Hydrocarbons	--	--	--	--	--	0	--	--	--	0	--
Unfinished Oils	--	--	--	6,401	308	--	-183	7,573	--	-681	18,666
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	4,327	21,758	9,222	-2,266	36,820	753	0	23,304
Reformulated	--	--	--	330	13,480	839	-1,942	16,591	--	0	11,535
Conventional	--	--	--	3,997	8,278	8,383	-324	20,229	753	0	11,769
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	620,093	14,289	15,800	-7,179	-746	--	66,237	577,512	36,063
Finished Motor Gasoline	--	--	325,301	414	6,786	-8,715	-46	--	7,418	316,414	3,994
Reformulated	--	--	225,370	--	--	-1,776	-24	--	7	223,611	14
Conventional	--	--	99,931	414	6,786	-6,939	-22	--	7,411	92,803	3,980
Finished Aviation Gasoline	--	--	281	2	--	--	-47	--	--	330	221
Kerosene-Type Jet Fuel	--	--	88,819	3,991	1,880	--	-918	--	7,965	87,643	8,938
Kerosene	--	--	174	--	--	--	-58	--	78	154	58
Distillate Fuel Oil	--	--	108,642	2,249	7,361	1,536	-1,201	--	16,324	104,665	13,160
15 ppm sulfur and under ⁷	--	--	99,534	2,207	7,361	1,536	-845	--	12,383	99,100	11,369
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	2,874	8	--	--	-661	--	3,146	397	626
Greater than 500 ppm sulfur	--	--	6,234	34	--	--	305	--	795	5,168	1,165
Residual Fuel Oil ⁸	--	--	27,172	5,754	--	--	629	--	4,865	27,432	5,159
Less than 0.31 percent sulfur	--	--	370	--	--	--	158	--	NA	NA	365
0.31 to 1.00 percent sulfur	--	--	5,971	109	--	--	178	--	NA	NA	871
Greater than 1.00 percent sulfur	--	--	20,831	5,645	--	--	292	--	NA	NA	3,922
Petrochemical Feedstocks	--	--	41	311	--	--	1	--	--	351	2
Naphtha for Petro. Feed. Use	--	--	41	311	--	--	1	--	--	351	2
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	198	--	--	--	-15	--	280	-67	14
Lubricants	--	--	4,325	195	-227	--	447	--	2,113	1,733	1,211
Waxes	--	--	--	210	--	--	--	--	45	165	--
Petroleum Coke	--	--	31,078	277	--	--	-78	--	26,293	5,140	1,377
Marketable	--	--	24,505	277	--	--	-78	--	26,293	-1,433	1,377
Catalyst	--	--	6,573	--	--	--	--	--	--	6,573	--
Asphalt and Road Oil	--	--	5,525	886	--	--	542	--	848	5,021	1,850
Still Gas	--	--	25,757	--	--	--	--	--	--	25,757	--
Miscellaneous Products	--	--	2,780	--	--	--	-2	--	9	2,773	79
Total	251,295	4,058	632,506	278,252	67,898	16,997	-816	595,654	70,920	585,249	141,968

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

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

² 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.

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

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

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

⁶ Exports include industrial alcohol.

⁷ 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.

⁸ 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, July 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) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	998	--	--	1,516	--	-43	-90	2,561	--	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	54	0	85	4	--	--	41	49	15	38
Pentanes Plus	25	0	--	--	--	--	2	16	4	2
Liquefied Petroleum Gases	29	--	85	4	--	--	38	33	11	36
Ethane/Ethylene	0	--	--	--	--	--	--	--	--	0
Propane/Propylene	11	--	48	4	--	--	19	--	9	35
Normal Butane/Butylene	3	--	36	0	--	--	17	15	2	5
Isobutane/Isobutylene	15	--	1	--	--	--	3	17	--	-4
Other Liquids	--	15	--	50	242	67	-14	397	7	-17
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	15	--	8	134	41	0	195	2	0
Hydrogen	--	--	--	--	--	45	--	45	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	15	--	8	134	-5	0	150	2	0
Fuel Ethanol ⁶	--	13	--	8	123	1	-1	146	0	0
Renewable Fuels Except Fuel Ethanol	--	2	--	--	11	-6	1	4	2	0
Other Hydrocarbons	--	--	--	--	--	0	--	--	--	0
Unfinished Oils	--	--	--	36	--	--	-6	59	--	-17
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	6	108	26	-8	143	5	0
Reformulated	--	--	--	--	67	-3	-24	88	--	0
Conventional	--	--	--	6	41	29	16	55	5	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	3,111	70	70	-22	8	--	383	2,838
Finished Motor Gasoline	--	--	1,554	1	31	-27	-10	--	46	1,522
Reformulated	--	--	1,053	--	--	9	0	--	--	1,062
Conventional	--	--	501	1	31	-37	-10	--	46	460
Finished Aviation Gasoline	--	--	0	0	--	--	-4	--	--	4
Kerosene-Type Jet Fuel	--	--	485	12	11	--	-5	--	39	474
Kerosene	--	--	0	--	--	--	0	--	0	0
Distillate Fuel Oil	--	--	583	25	35	6	21	--	113	515
15 ppm sulfur and under ⁷	--	--	538	25	35	6	18	--	103	481
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	12	0	--	--	-6	--	8	10
Greater than 500 ppm sulfur	--	--	33	1	--	--	8	--	2	24
Residual Fuel Oil ⁸	--	--	126	25	--	--	6	--	17	128
Less than 0.31 percent sulfur	--	--	2	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	31	0	--	--	4	--	NA	NA
Greater than 1.00 percent sulfur	--	--	93	25	--	--	3	--	NA	NA
Petrochemical Feedstocks	--	--	0	2	--	--	0	--	--	3
Naphtha for Petro. Feed. Use	--	--	0	2	--	--	0	--	--	3
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	1	--	--	--	0	--	0	1
Lubricants	--	--	26	0	-7	--	8	--	13	-2
Waxes	--	--	--	2	--	--	--	--	0	1
Petroleum Coke	--	--	158	1	--	--	-2	--	151	10
Marketable	--	--	126	1	--	--	-2	--	151	-22
Catalyst	--	--	32	--	--	--	--	--	--	32
Asphalt and Road Oil	--	--	33	2	--	--	-5	--	4	37
Still Gas	--	--	131	--	--	--	--	--	--	131
Miscellaneous Products	--	--	13	--	--	--	0	--	0	13
Total	1,052	14	3,195	1,640	312	2	-56	3,007	405	2,859

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

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.
² 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.
³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.
⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.
⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.
⁶ Exports include industrial alcohol.
⁷ 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.
⁸ 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-July 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) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,117	--	--	1,183	--	36	-2	2,337	0	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	63	0	58	5	--	--	11	61	15	40
Pentanes Plus	29	0	--	--	--	--	0	22	3	4
Liquefied Petroleum Gases	33	--	58	5	--	--	11	38	12	36
Ethane/Ethylene	0	--	--	--	--	--	--	--	--	0
Propane/Propylene	11	--	44	4	--	--	2	--	11	47
Normal Butane/Butylene	7	--	16	1	--	--	7	21	2	-7
Isobutane/Isobutylene	15	--	-1	0	--	--	1	17	--	-4
Other Liquids	--	19	--	52	245	78	-10	399	7	-3
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	19	--	1	141	35	2	191	4	0
Hydrogen	--	--	--	--	--	42	--	42	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	2	--	--	2	0
Renewable Fuels (including Fuel Ethanol) ...	--	19	--	1	141	-9	2	148	2	0
Fuel Ethanol ⁶	--	16	--	1	131	-2	2	144	0	0
Renewable Fuels Except Fuel Ethanol	--	4	--	--	10	-7	0	5	2	0
Other Hydrocarbons	--	--	--	--	--	0	--	--	--	0
Unfinished Oils	--	--	--	30	1	--	-1	36	--	-3
Motor Gasoline Blend Comp. (MGBC)	--	--	--	20	102	43	-11	173	4	0
Reformulated	--	--	--	2	63	4	-9	78	--	0
Conventional	--	--	--	19	39	39	-2	95	4	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	2,911	67	74	-34	-4	--	311	2,711
Finished Motor Gasoline	--	--	1,527	2	32	-41	0	--	35	1,486
Reformulated	--	--	1,058	--	--	-8	0	--	0	1,050
Conventional	--	--	469	2	32	-33	0	--	35	436
Finished Aviation Gasoline	--	--	1	0	--	--	0	--	--	2
Kerosene-Type Jet Fuel	--	--	417	19	9	--	-4	--	37	411
Kerosene	--	--	1	--	--	--	0	--	0	1
Distillate Fuel Oil	--	--	510	11	35	7	-6	--	77	491
15 ppm sulfur and under ⁷	--	--	467	10	35	7	-4	--	58	465
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	13	0	--	--	-3	--	15	2
Greater than 500 ppm sulfur	--	--	29	0	--	--	1	--	4	24
Residual Fuel Oil ⁸	--	--	128	27	--	--	3	--	23	129
Less than 0.31 percent sulfur	--	--	2	--	--	--	1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	28	1	--	--	1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	98	27	--	--	1	--	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	--	--	20	1	-1	--	2	--	10	8
Waxes	--	--	--	1	--	--	--	--	0	1
Petroleum Coke	--	--	146	1	--	--	0	--	123	24
Marketable	--	--	115	1	--	--	0	--	123	-7
Catalyst	--	--	31	--	--	--	--	--	--	31
Asphalt and Road Oil	--	--	26	4	--	--	3	--	4	24
Still Gas	--	--	121	--	--	--	--	--	--	121
Miscellaneous Products	--	--	13	--	--	--	0	--	0	13
Total	1,180	19	2,970	1,306	319	80	-4	2,796	333	2,748

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

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.
² 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.
³ Includes an adjustment for crude oil, previously referred to as "Unaccounted For Crude Oil." Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.
⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.
⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.
⁶ Exports include industrial alcohol.
⁷ 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.
⁸ 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, July 2012
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Supply							
Field Production	711	34,072	115,194	13,374	30,938	194,290	6,267
Alaskan	--	--	--	--	--	12,873	415
Lower 48 States	--	--	--	--	--	181,417	5,852
Imports (PAD District of Entry)	26,220	54,342	127,398	11,825	47,001	266,786	8,606
Commercial	26,220	54,342	127,398	11,825	47,001	266,786	8,606
Strategic Petroleum Reserve (SPR)	--	--	--	--	--	--	--
Net Receipts	-118	19,415	-15,310	-3,987	--	--	--
Adjustments ¹	3,699	-1,697	13,272	-3,435	-1,342	10,497	339
Disposition							
Stock Change ²	503	-4,529	-8,544	-798	-2,798	-16,166	-521
Commercial	--	--	-8,543	--	--	-16,165	-521
SPR	--	--	-1	--	--	-1	0
Refinery Inputs	29,827	108,456	249,098	18,575	79,395	485,351	15,656
Exports	182	2,205	0	--	--	2,388	77
Ending Stocks							
Total	10,097	106,359	878,292	16,428	54,606	1,065,782	--
Commercial	10,097	106,359	182,342	16,428	54,606	369,832	--
Refinery	8,939	11,267	45,939	2,134	24,188	92,467	--
Tank Farms and Pipelines	1,051	91,510	118,381	11,155	25,763	247,860	--
Cushing, Oklahoma	--	45,120	--	--	--	45,120	--
Lease	107	3,582	18,022	3,139	679	25,529	--
Alaskan Crude Oil In-Transit by Water	--	--	--	--	3,976	3,976	--
SPR	--	--	695,950	--	--	695,950	--
SPR Stocks							
Percent of Total Crude Oil Stocks (Percent)	--	--	--	--	--	65.3	--
Percent of Total Petroleum Stocks (Percent)	--	--	--	--	--	38.5	--
Days of Total Petroleum Net Imports (Days)	--	--	--	--	--	92	--
SPR Receipts Detail							
Receipts	--	--	--	--	--	--	--
Domestic	--	--	--	--	--	--	--
Imports	--	--	--	--	--	--	--
Imported by SPR	--	--	--	--	--	--	--
Imported for SPR by Others	--	--	--	--	--	--	--
Imports							
PAD District of Entry	26,220	54,342	127,398	11,825	47,001	266,786	8,606
PAD District of Processing	26,373	54,545	129,235	9,631	47,002	266,786	8,606

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil adjustment was previously referred to as Unaccounted-for Crude Oil.

² 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, July 2012
(Thousand Barrels)

PAD District and State	July 2012		January-July 2012	
	Total	Daily Average	Total	Daily Average
PAD District 1	711	23	4,912	23
Florida	178	6	1,220	6
New York	31	1	211	1
Pennsylvania	335	11	2,263	11
Virginia	1	0	5	0
West Virginia	167	5	1,213	6
PAD District 2	34,072	1,099	221,506	1,040
Illinois	830	27	5,742	27
Indiana	186	6	1,242	6
Kansas	3,643	118	25,427	119
Kentucky	226	7	1,451	7
Michigan	582	19	3,974	19
Missouri	12	0	66	0
Nebraska	226	7	1,625	8
North Dakota	20,896	674	129,517	608
Ohio	415	13	2,854	13
Oklahoma	6,890	222	48,407	227
South Dakota	145	5	1,040	5
Tennessee	21	1	160	1
PAD District 3	115,194	3,716	770,758	3,619
Alabama	784	25	5,331	25
Arkansas	540	17	3,784	18
Louisiana	5,917	191	41,055	193
Mississippi	2,062	67	14,137	66
New Mexico	7,014	226	46,675	219
Texas	59,675	1,925	389,419	1,828
Federal Offshore PAD District 3	39,202	1,265	270,358	1,269
PAD District 4	13,374	431	90,879	427
Colorado	3,684	119	26,014	122
Montana	1,983	64	14,384	68
Utah	2,630	85	16,802	79
Wyoming	5,077	164	33,678	158
PAD District 5	30,938	998	237,906	1,117
Alaska	12,873	415	114,652	538
South Alaska	348	11	2,280	11
North Slope	12,525	404	112,371	528
Arizona	5	0	26	0
California	16,430	530	112,635	529
Nevada	32	1	221	1
Federal Offshore PAD District 5	1,599	52	10,372	49
U.S. Total	194,290	6,267	1,325,961	6,225

- = 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, July 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
Natural Gas Liquids	-	1,250	1,250	2,059	1,246	9,184	12,489
Pentanes Plus	-	229	229	171	248	1,275	1,694
Liquefied Petroleum Gases	-	1,021	1,021	1,888	998	7,909	10,795
Ethane	-	7	7	567	1	3,189	3,757
Propane	-	680	680	952	632	3,087	4,671
Normal Butane	-	157	157	130	314	935	1,379
Isobutane	-	177	177	239	51	698	988

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			
Natural Gas Liquids	29,621	4,060	6,134	533	5,184	45,532	11,065	1,668	72,004
Pentanes Plus	4,097	474	739	179	619	6,108	1,605	766	10,402
Liquefied Petroleum Gases	25,524	3,586	5,395	354	4,565	39,424	9,460	902	61,602
Ethane	12,175	1,818	2,619	96	2,317	19,025	4,840	3	27,632
Propane	8,457	1,124	1,739	136	1,472	12,928	2,962	340	21,581
Normal Butane	3,096	-2,193	597	78	515	2,093	1,251	87	4,967
Isobutane	1,796	2,837	440	44	261	5,378	407	472	7,422

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
Natural Gas Liquids	-	51	51	289	74	801	1,164
Pentanes Plus	-	8	8	43	32	228	303
Liquefied Petroleum Gases	-	43	43	246	42	573	861
Ethane	-	-	-	23	-	124	147
Propane	-	37	37	167	26	145	338
Normal Butane	-	5	5	15	15	216	246
Isobutane	-	1	1	41	1	88	130

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			
Natural Gas Liquids	212	3,862	1,389	13	18	5,494	150	221	7,080
Pentanes Plus	36	364	234	6	5	645	46	54	1,056
Liquefied Petroleum Gases	176	3,498	1,155	7	13	4,849	104	167	6,024
Ethane	35	1,654	-	-	-	1,689	3	-	1,839
Propane	88	1,060	15	4	5	1,172	60	30	1,637
Normal Butane	48	519	948	3	6	1,524	34	57	1,866
Isobutane	5	265	192	-	2	464	7	80	682

- = 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, July 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
Crude Oil	26,789	3,038	29,827	68,753	14,770	24,933	108,456
Natural Gas Plant Liquids and Liquefied							
Refinery Gases	404	-	404	1,488	45	693	2,226
Pentanes Plus	-	-	-	407	-	228	635
Liquefied Petroleum Gases	404	-	404	1,081	45	465	1,591
Normal Butane	43	-	43	3	-	40	43
Isobutane	361	-	361	1,078	45	425	1,548
Other Liquids	74,440	5,605	80,045	9,145	3,635	1,910	14,690
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	9,290	924	10,214	5,401	1,299	1,429	8,129
Hydrogen	112	21	133	458	79	145	682
Oxygenates (excluding Fuel Ethanol)	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE)	-	-	-	-	-	-	-
All Other Oxygenates ¹	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol)	9,178	903	10,081	4,892	1,220	1,284	7,396
Fuel Ethanol	9,037	849	9,886	4,617	1,168	1,276	7,061
Renewable Diesel Fuel	141	54	195	275	52	8	335
Other Renewable Fuels	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	51	-	-	51
Unfinished Oils (net)	4,305	-77	4,228	1,896	-79	-377	1,440
Naphthas and Lighter	322	2	324	1,533	-20	54	1,567
Kerosene and Light Gas Oils	31	-1	30	455	-47	-197	211
Heavy Gas Oils	2,067	-73	1,994	591	-9	158	740
Residuum	1,885	-5	1,880	-683	-3	-392	-1,078
Motor Gasoline Blend.Comp. (MGBC)(net)	60,845	4,758	65,603	1,848	2,415	858	5,121
Reformulated - RBOB	16,852	590	17,442	-107	1,073	767	1,733
Conventional	43,993	4,168	48,161	1,955	1,342	91	3,388
CBOB	35,294	4,143	39,437	1,041	1,089	-51	2,079
GTAB	2,522	-	2,522	-	-	-	-
Other	6,177	25	6,202	914	253	142	1,309
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	101,633	8,643	110,276	79,386	18,450	27,536	125,372

See footnotes at end of table.

Table 28. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, July 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			
Crude Oil	20,278	114,961	103,436	6,530	3,893	249,098	18,575	79,395	485,351
Natural Gas Plant Liquids and Liquefied									
Refinery Gases	577	4,744	3,198	115	162	8,796	555	1,515	13,496
Pentanes Plus	209	1,564	1,468	83	—	3,324	195	499	4,653
Liquefied Petroleum Gases	368	3,180	1,730	32	162	5,472	360	1,016	8,843
Normal Butane	174	1,372	30	—	—	1,576	119	476	2,257
Isobutane	194	1,808	1,700	32	162	3,896	241	540	6,586
Other Liquids	8,548	-27,973	-32,936	4,897	-30	-47,494	722	12,301	60,264
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	1,711	2,815	1,820	1,104	193	7,643	1,005	6,048	33,039
Hydrogen	31	2,047	1,368	149	35	3,630	218	1,399	6,062
Oxygenates (excluding Fuel Ethanol)	—	54	—	—	—	54	—	—	54
Methyl Tertiary Butyl Ether (MTBE)	—	54	—	—	—	54	—	—	54
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	1,680	714	452	955	158	3,959	787	4,649	26,872
Fuel Ethanol	1,610	701	451	933	154	3,849	771	4,522	26,089
Renewable Diesel Fuel	70	13	1	22	4	110	16	127	783
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	51
Unfinished Oils (net)	-108	8,885	2,279	-55	49	11,050	-53	1,819	18,484
Naphthas and Lighter	-79	780	-1,243	-32	40	-534	-26	57	1,388
Kerosene and Light Gas Oils	60	-2,854	-728	-57	10	-3,569	-276	-3	-3,607
Heavy Gas Oils	5	10,624	2,093	92	-1	12,813	285	1,387	17,219
Residuum	-94	335	2,157	-58	—	2,340	-36	378	3,484
Motor Gasoline Blend.Comp. (MGBC)(net)	6,943	-39,673	-37,035	3,848	-272	-66,189	-230	4,434	8,739
Reformulated - RBOB	5,181	-11,840	-5,475	—	-735	-12,869	—	2,733	9,039
Conventional	1,762	-27,833	-31,560	3,848	463	-53,320	-230	1,701	-300
CBOB	2,381	-28,683	-29,628	4,700	436	-50,794	-855	2,301	-7,832
GTAB	—	—	—	—	—	—	—	—	2,522
Other	-619	850	-1,932	-852	27	-2,526	625	-600	5,010
Aviation Gasoline Blend. Comp. (net)	2	—	—	—	—	2	—	—	2
Total Input	29,403	91,732	73,698	11,542	4,025	210,400	19,852	93,211	559,111

— = No Data Reported.

¹ 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, July 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	1,818	87	1,905	4,421	455	666	5,542
Ethane/Ethylene	7	-	7	-	-	-	-
Ethane	-	-	-	-	-	-	-
Ethylene	7	-	7	-	-	-	-
Propane/Propylene	998	31	1,029	2,308	310	589	3,207
Propane	595	31	626	1,493	292	470	2,255
Propylene	403	-	403	815	18	119	952
Normal Butane/Butylene	762	67	829	2,075	144	121	2,340
Normal Butane	750	67	817	1,941	144	132	2,217
Butylene	12	-	12	134	-	-11	123
Isobutane/Isobutylene	51	-11	40	38	1	-44	-5
Isobutane	51	-11	40	18	1	-44	-25
Isobutylene	-	-	-	20	-	-	20
Finished Motor Gasoline	84,163	6,632	90,795	43,078	10,745	14,496	68,319
Reformulated	37,281	656	37,937	8,483	1,599	853	10,935
Reformulated Blended with Fuel Ethanol	37,281	656	37,937	8,483	1,599	853	10,935
Reformulated Other	-	-	-	-	-	-	-
Conventional	46,882	5,976	52,858	34,595	9,146	13,643	57,384
Conventional Blended with Fuel Ethanol	52,214	7,879	60,093	37,795	9,957	11,784	59,536
Ed55 and Lower	52,210	7,879	60,089	37,787	9,934	11,755	59,476
Greater than Ed55	4	-	4	8	23	29	60
Conventional Other	-5,332	-1,903	-7,235	-3,200	-811	1,859	-2,152
Finished Aviation Gasoline	-	-	-	-	84	-	84
Kerosene-Type Jet Fuel	1,494	-	1,494	5,440	805	1,329	7,574
Kerosene	44	-4	40	16	-	2	18
Distillate Fuel Oil	10,005	896	10,901	18,137	4,441	8,982	31,560
15 ppm sulfur and under	6,889	816	7,705	18,114	4,395	9,126	31,635
Greater than 15 ppm to 500 ppm sulfur	41	139	180	93	51	40	184
Greater than 500 ppm sulfur	3,075	-59	3,016	-70	-5	-184	-259
Residual Fuel Oil	1,498	5	1,503	1,197	191	152	1,540
Less than 0.31 percent sulfur	61	4	65	-	-	1	1
0.31 to 1.00 percent sulfur	273	1	274	94	61	-	155
Greater than 1.00 percent sulfur	1,164	-	1,164	1,103	130	151	1,384
Petrochemical Feedstocks	139	-	139	1,017	30	56	1,103
Naphtha for Petro. Feed. Use	139	-	139	787	30	32	849
Other Oils for Petro. Feed. Use	-	-	-	230	-	24	254
Special Naphthas	-	33	33	-9	-	22	13
Lubricants	226	207	433	-	-	284	284
Waxes	-	3	3	-	-	42	42
Petroleum Coke	1,088	21	1,109	3,492	870	849	5,211
Marketable	340	-	340	2,336	715	693	3,744
Catalyst	748	21	769	1,156	155	156	1,467
Asphalt and Road Oil	1,608	668	2,276	3,661	1,490	508	5,659
Still Gas	1,174	67	1,241	2,659	650	986	4,295
Miscellaneous Products	60	39	99	229	108	61	398
Total	103,317	8,654	111,971	83,338	19,869	28,435	131,642
Processing Gain(-) or Loss(+) ¹	-1,684	-11	-1,695	-3,952	-1,419	-899	-6,270

See footnotes at end of table.

Table 29. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, July 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	926	8,490	6,053	36	63	15,568	413	2,628	26,056
Ethane/Ethylene	-	538	15	-	-	553	-	-	560
Ethane	-	373	15	-	-	388	-	-	388
Ethylene	-	165	-	-	-	165	-	-	172
Propane/Propylene	673	5,756	4,958	38	55	11,480	295	1,496	17,507
Propane	319	2,469	1,826	4	55	4,673	270	1,218	9,042
Propylene	354	3,287	3,132	34	-	6,807	25	278	8,465
Normal Butane/Butylene	289	2,391	782	-2	8	3,468	170	1,104	7,911
Normal Butane	302	2,639	806	-2	21	3,766	133	1,089	8,022
Butylene	-13	-248	-24	-	-13	-298	37	15	-111
Isobutane/Isobutylene	-36	-195	298	-	-	67	-52	28	78
Isobutane	-36	-176	298	-	-	86	-52	28	77
Isobutylene	-	-19	-	-	-	-19	-	-	1
Finished Motor Gasoline	19,654	20,684	10,360	6,517	2,002	59,217	10,034	48,179	276,544
Reformulated	6,543	5,629	-	-	-	12,172	-	32,640	93,684
Reformulated Blended with Fuel Ethanol	6,030	5,629	-	-	-	11,659	-	32,640	93,171
Reformulated Other	513	-	-	-	-	513	-	-	513
Conventional	13,111	15,055	10,360	6,517	2,002	47,045	10,034	15,539	182,860
Conventional Blended with Fuel Ethanol	10,145	1,376	4,524	9,272	1,537	26,854	7,636	12,527	166,646
Ed55 and Lower	10,142	1,376	4,524	9,271	1,537	26,850	7,630	12,524	166,569
Greater than Ed55	3	-	-	1	-	4	6	3	77
Conventional Other	2,966	13,679	5,836	-2,755	465	20,191	2,398	3,012	16,214
Finished Aviation Gasoline	95	97	88	-	-	280	20	3	387
Kerosene-Type Jet Fuel	1,378	10,770	12,633	192	-	24,973	879	15,036	49,956
Kerosene	5	-	12	-	-	17	-	-8	67
Distillate Fuel Oil	6,172	35,171	32,490	2,252	1,491	77,576	6,325	18,077	144,439
15 ppm sulfur and under	5,560	33,691	24,573	2,134	1,456	67,414	6,299	16,664	129,717
Greater than 15 ppm to 500 ppm sulfur	652	88	2,348	47	-	3,135	104	380	3,983
Greater than 500 ppm sulfur	-40	1,392	5,569	71	35	7,027	-78	1,033	10,739
Residual Fuel Oil	130	2,831	2,678	-126	184	5,697	374	3,909	13,023
Less than 0.31 percent sulfur	73	-35	365	-	-	403	159	66	694
0.31 to 1.00 percent sulfur	76	529	438	-51	17	1,009	53	968	2,459
Greater than 1.00 percent sulfur	-19	2,337	1,875	-75	167	4,285	162	2,875	9,870
Petrochemical Feedstocks	123	4,551	3,277	13	-	7,964	-	7	9,213
Naphtha for Petro. Feed. Use	122	3,153	1,327	13	-	4,615	-	7	5,610
Other Oils for Petro. Feed. Use	1	1,398	1,950	-	-	3,349	-	-	3,603
Special Naphthas	169	877	205	204	-	1,455	-	29	1,530
Lubricants	43	1,712	1,368	960	-	4,083	-	805	5,605
Waxes	-	140	60	30	-	230	-	-	275
Petroleum Coke	382	8,140	6,155	81	26	14,784	786	4,895	26,785
Marketable	171	5,974	4,875	81	-	11,101	538	3,913	19,636
Catalyst	211	2,166	1,280	-	26	3,683	248	982	7,149
Asphalt and Road Oil	474	513	706	1,074	189	2,956	1,192	1,031	13,114
Still Gas	767	6,221	4,522	233	200	11,943	814	4,064	22,357
Miscellaneous Products	121	898	545	12	11	1,587	143	403	2,630
Total	30,439	101,095	81,152	11,478	4,166	228,330	20,980	99,058	591,981
Processing Gain(-) or Loss(+) ¹	-1,036	-9,363	-7,454	64	-141	-17,930	-1,128	-5,847	-32,870

- = No Data Reported.

¹ 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, July 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
Crude Oil	26,789	3,038	29,827	68,753	14,770	24,933	108,456
Natural Gas Plant Liquids	361	-	361	1,487	45	665	2,197
Pentanes Plus	-	-	-	407	-	215	622
Liquefied Petroleum Gases	361	-	361	1,080	45	450	1,575
Normal Butane	-	-	-	2	-	25	27
Isobutane	361	-	361	1,078	45	425	1,548
Other Liquids	-6,898	75	-6,823	-25,030	-4,041	-559	-29,630
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	269	124	393	749	145	243	1,137
Hydrogen	112	21	133	458	79	145	682
Oxygenates (excluding Fuel Ethanol)	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE)	-	-	-	-	-	-	-
All Other Oxygenates ¹	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol)	157	103	260	240	66	98	404
Fuel Ethanol	157	94	251	155	61	93	309
Renewable Diesel Fuel	-	9	9	85	5	5	95
Other Renewable Fuels	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	51	-	-	51
Unfinished Oils (net)	4,109	-76	4,033	1,967	-79	-377	1,511
Naphthas and Lighter	322	2	324	1,543	-20	54	1,577
Kerosene and Light Gas Oils	-268	-	-268	516	-47	-197	272
Heavy Gas Oils	2,118	-73	2,045	591	-9	158	740
Residuum	1,937	-5	1,932	-683	-3	-392	-1,078
Motor Gasoline Blend.Comp. (MGBC)(net)	-11,276	27	-11,249	-27,746	-4,107	-425	-32,278
Reformulated - RBOB	-9,212	-	-9,212	-7,758	-364	-	-8,122
Conventional	-2,064	27	-2,037	-19,988	-3,743	-425	-24,156
CBOB	-2,110	3	-2,107	-20,061	-3,834	-412	-24,307
GTAB	-	-	-	-	-	-	-
Other	46	24	70	73	91	-13	151
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	20,252	3,113	23,365	45,210	10,774	25,039	81,023
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	885	98	983	2,190	477	812	3,479
Operable Capacity (daily average)	1,093	95	1,188	2,356	449	860	3,665
Operable Utilization Rate (percent) ²	81.0	103.6	82.8	93.0	106.2	94.4	94.9
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	156	16	173	453	77	173	702
Catalytic Cracking	447	17	463	740	135	207	1,082
Catalytic Hydrocracking	17	-	17	146	41	52	239
Delayed and Fluid Coking	53	-	53	243	70	76	390
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.81	1.71	0.90	1.43	2.20	0.90	1.41
API Gravity, Weighted Average (degrees)	33.22	31.99	33.10	32.69	28.43	36.56	33.02
Operable Capacity (daily average)	1,093	95	1,188	2,356	449	860	3,665
Operating	999	95	1,094	2,328	449	848	3,625
Idle	94	-	94	28	-	12	40
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, July 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			
Crude Oil	20,278	114,961	103,436	6,530	3,893	249,098	18,575	79,395	485,351
Natural Gas Plant Liquids	577	4,659	3,198	115	162	8,711	548	1,515	13,332
Pentanes Plus	209	1,507	1,468	83	—	3,267	189	499	4,577
Liquefied Petroleum Gases	368	3,152	1,730	32	162	5,444	359	1,016	8,755
Normal Butane	174	1,344	30	—	—	1,548	118	476	2,169
Isobutane	194	1,808	1,700	32	162	3,896	241	540	6,586
Other Liquids	-4,594	-35,444	-35,596	-1,437	-562	-77,633	-1,324	-27,372	-142,782
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	185	2,153	1,520	169	91	4,118	509	1,560	7,717
Hydrogen	31	2,047	1,368	149	35	3,630	218	1,399	6,062
Oxygenates (excluding Fuel Ethanol)	—	54	—	—	—	54	—	—	54
Methyl Tertiary Butyl Ether (MTBE)	—	54	—	—	—	54	—	—	54
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	154	52	152	20	56	434	291	161	1,550
Fuel Ethanol	121	52	152	20	56	401	280	153	1,394
Renewable Diesel Fuel	33	—	—	—	—	33	11	8	156
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	51
Unfinished Oils (net)	-108	8,885	2,279	-55	49	11,050	-53	1,819	18,360
Naphthas and Lighter	-79	780	-1,243	-32	40	-534	-26	57	1,398
Kerosene and Light Gas Oils	60	-2,854	-728	-57	10	-3,569	-276	-3	-3,844
Heavy Gas Oils	5	10,624	2,093	92	-1	12,813	285	1,387	17,270
Residuum	-94	335	2,157	-58	—	2,340	-36	378	3,536
Motor Gasoline Blend.Comp. (MGBC)(net)	-4,673	-46,482	-39,395	-1,551	-702	-92,803	-1,780	-30,751	-168,861
Reformulated - RBOB	-241	-17,342	-5,475	—	-735	-23,793	—	-25,537	-66,664
Conventional	-4,432	-29,140	-33,920	-1,551	33	-69,010	-1,780	-5,214	-102,197
CBOB	-3,813	-25,916	-31,988	-679	6	-62,390	-1,738	-4,488	-95,030
GTAB	—	—	—	—	—	—	—	—	—
Other	-619	-3,224	-1,932	-872	27	-6,620	-42	-726	-7,167
Aviation Gasoline Blend. Comp. (net)	2	—	—	—	—	2	—	—	2
Total Input to Refineries	16,261	84,176	71,038	5,208	3,493	180,176	17,799	53,538	355,901
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	653	3,784	3,424	193	126	8,180	601	2,739	15,982
Operable Capacity (daily average)	668	4,094	3,578	243	143	8,725	624	3,028	17,230
Operable Utilization Rate (percent) ²	97.8	92.4	95.7	79.6	87.9	93.8	96.2	90.5	92.8
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	140	691	529	29	26	1,416	106	389	2,785
Catalytic Cracking	177	1,411	1,102	15	34	2,738	180	658	5,122
Catalytic Hydrocracking	51	405	339	10	—	805	17	490	1,568
Delayed and Fluid Coking	27	668	540	18	—	1,254	70	449	2,215
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.78	1.60	1.48	1.34	1.25	1.47	1.42	1.44	1.41
API Gravity, Weighted Average (degrees)	35.75	29.85	30.59	31.26	33.62	30.75	33.13	27.38	30.91
Operable Capacity (daily average)	668	4,094	3,578	243	143	8,725	624	3,028	17,230
Operating	668	4,094	3,523	243	126	8,653	624	2,997	16,994
Idle	—	—	55	—	17	72	—	32	237
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	16,560	16,560

— = No Data Reported.

NA = Not Available.

¹ 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).

² 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, July 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	1,818	87	1,905	4,421	455	666	5,542
Ethane/Ethylene	7	-	7	-	-	-	-
Ethane	-	-	-	-	-	-	-
Ethylene	7	-	7	-	-	-	-
Propane/Propylene	998	31	1,029	2,308	310	589	3,207
Propane	595	31	626	1,493	292	470	2,255
Propylene	403	-	403	815	18	119	952
Normal Butane/Butylene	762	67	829	2,075	144	121	2,340
Normal Butane	750	67	817	1,941	144	132	2,217
Butylene	12	-	12	134	-	-11	123
Isobutane/Isobutylene	51	-11	40	38	1	-44	-5
Isobutane	51	-11	40	18	1	-44	-25
Isobutylene	-	-	-	20	-	-	20
Finished Motor Gasoline	3,087	1,142	4,229	9,049	3,114	12,003	24,166
Reformulated	1,566	-	1,566	-	-	-	-
Reformulated Blended with Fuel Ethanol	1,566	-	1,566	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-
Conventional	1,521	1,142	2,663	9,049	3,114	12,003	24,166
Conventional Blended with Fuel Ethanol	-	952	952	1,559	638	992	3,189
Ed55 and Lower	-	952	952	1,559	638	992	3,189
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	1,521	190	1,711	7,490	2,476	11,011	20,977
Finished Aviation Gasoline	-	-	-	-	84	-	84
Kerosene-Type Jet Fuel	1,497	-	1,497	5,595	811	1,330	7,736
Commercial	1,497	-	1,497	5,468	763	1,046	7,277
Military	-	-	-	127	48	284	459
Kerosene	46	-	46	17	-	2	19
Distillate Fuel Oil	9,671	852	10,523	17,836	4,396	8,982	31,214
15 ppm sulfur and under	6,935	772	7,707	17,906	4,350	9,151	31,407
Greater than 15 ppm to 500 ppm sulfur	7	77	84	-	51	-18	33
Greater than 500 ppm sulfur	2,729	3	2,732	-70	-5	-151	-226
Residual Fuel Oil	1,519	5	1,524	1,197	191	152	1,540
Less than 0.31 percent sulfur	227	4	231	-	-	1	1
0.31 to 1.00 percent sulfur	457	1	458	94	61	-	155
Greater than 1.00 percent sulfur	835	-	835	1,103	130	151	1,384
Petrochemical Feedstocks	139	-	139	1,017	30	56	1,103
Naphtha for Petro. Feed. Use	139	-	139	787	30	32	849
Other Oils for Petro. Feed. Use	-	-	-	230	-	24	254
Special Naphthas	-	33	33	-9	-	22	13
Lubricants	226	207	433	-	-	284	284
Naphthenic	-	-	-	-	-	-	-
Paraffinic	226	207	433	-	-	284	284
Waxes	-	3	3	-	-	42	42
Petroleum Coke	1,088	21	1,109	3,492	870	849	5,211
Marketable	340	-	340	2,336	715	693	3,744
Catalyst	748	21	769	1,156	155	156	1,467
Asphalt and Road Oil	1,608	668	2,276	3,661	1,483	505	5,649
Still Gas	1,174	67	1,241	2,659	650	986	4,295
Miscellaneous Products	60	39	99	229	108	61	398
Fuel Use	-	-	-	-	-	-	-
Nonfuel Use	60	39	99	229	108	61	398
Total	21,933	3,124	25,057	49,164	12,192	25,940	87,296
Processing Gain(-) or Loss(+) ¹	-1,681	-11	-1,692	-3,954	-1,418	-901	-6,273

See footnotes at end of table.

Table 31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, July 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	926	8,490	6,053	36	63	15,568	413	2,628	26,056
Ethane/Ethylene	-	538	15	-	-	553	-	-	560
Ethane	-	373	15	-	-	388	-	-	388
Ethylene	-	165	-	-	-	165	-	-	172
Propane/Propylene	673	5,756	4,958	38	55	11,480	295	1,496	17,507
Propane	319	2,469	1,826	4	55	4,673	270	1,218	9,042
Propylene	354	3,287	3,132	34	-	6,807	25	278	8,465
Normal Butane/Butylene	289	2,391	782	-2	8	3,468	170	1,104	7,911
Normal Butane	302	2,639	806	-2	21	3,766	133	1,089	8,022
Butylene	-13	-248	-24	-	-13	-298	-37	15	-111
Isobutane/Isobutylene	-36	-195	298	-	-	67	-52	28	78
Isobutane	-36	-176	298	-	-	86	-52	28	77
Isobutylene	-	-19	-	-	-	-19	-	-	1
Finished Motor Gasoline	6,548	13,141	7,701	205	1,474	29,069	7,989	8,624	74,077
Reformulated	513	-	-	-	-	513	-	1,217	3,296
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	1,217	2,783
Reformulated Other	513	-	-	-	-	513	-	-	513
Conventional	6,035	13,141	7,701	205	1,474	28,556	7,989	7,407	70,781
Conventional Blended with Fuel Ethanol	1,188	520	1,513	166	555	3,942	2,819	294	11,196
Ed55 and Lower	1,185	520	1,513	166	555	3,939	2,819	294	11,193
Greater than Ed55	3	-	-	-	-	3	-	-	3
Conventional Other	4,847	12,621	6,188	39	919	24,614	5,170	7,113	59,585
Finished Aviation Gasoline	95	97	88	-	-	280	20	3	387
Kerosene-Type Jet Fuel	1,378	10,774	12,633	192	-	24,977	879	15,041	50,130
Commercial	1,090	9,563	11,958	54	-	22,665	771	14,289	46,499
Military	288	1,211	675	138	-	2,312	108	752	3,631
Kerosene	5	-	12	-	-	17	-	-11	71
Distillate Fuel Oil	6,135	35,158	32,489	2,229	1,487	77,498	6,320	17,970	143,525
15 ppm sulfur and under	5,523	33,679	24,573	2,111	1,452	67,338	6,294	16,564	129,310
Greater than 15 ppm to 500 ppm sulfur	652	88	2,347	47	-	3,134	104	399	3,754
Greater than 500 ppm sulfur	-40	1,391	5,569	71	35	7,026	-78	1,007	10,461
Residual Fuel Oil	130	2,823	2,678	-126	184	5,689	374	3,894	13,021
Less than 0.31 percent sulfur	73	-2	365	-	-	436	159	51	878
0.31 to 1.00 percent sulfur	76	449	433	-51	17	924	53	968	2,558
Greater than 1.00 percent sulfur	-19	2,376	1,880	-75	167	4,329	162	2,875	9,585
Petrochemical Feedstocks	123	4,551	3,277	13	-	7,964	-	7	9,213
Naphtha for Petro. Feed. Use	122	3,153	1,327	13	-	4,615	-	7	5,610
Other Oils for Petro. Feed. Use	1	1,398	1,950	-	-	3,349	-	-	3,603
Special Naphthas	169	877	205	204	-	1,455	-	29	1,530
Lubricants	43	1,712	1,368	960	-	4,083	-	805	5,605
Naphthenic	43	82	-	739	-	864	-	118	982
Paraffinic	-	1,630	1,368	221	-	3,219	-	687	4,623
Waxes	-	140	60	30	-	230	-	-	275
Petroleum Coke	382	8,140	6,155	81	26	14,784	786	4,895	26,785
Marketable	171	5,974	4,875	81	-	11,101	538	3,913	19,636
Catalyst	211	2,166	1,280	-	26	3,683	248	982	7,149
Asphalt and Road Oil	474	515	706	1,074	189	2,958	1,192	1,031	13,106
Still Gas	767	6,221	4,522	233	200	11,943	814	4,064	22,357
Miscellaneous Products	121	898	545	12	11	1,587	143	403	2,630
Fuel Use	-	-	-	-	-	-	-	-	-
Nonfuel Use	121	898	545	12	11	1,587	143	403	2,630
Total	17,296	93,537	78,492	5,143	3,634	198,102	18,930	59,383	388,768
Processing Gain(-) or Loss(+) ¹	-1,035	-9,361	-7,454	65	-141	-17,926	-1,131	-5,845	-32,867

- = No Data Reported.

¹ 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, July 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		
Natural Gas Plant Liquids and Liquefied									
Refinery Gases	43	-	43	1	-	28	29		
Pentanes Plus	-	-	-	-	-	13	13		
Liquefied Petroleum Gases	43	-	43	1	-	15	16		
Normal Butane	43	-	43	1	-	15	16		
Isobutane	-	-	-	-	-	-	-		
Other Liquids	81,338	5,530	86,868	34,175	7,676	2,469	44,320		
Oxygenates/Renewables	9,021	800	9,821	4,652	1,154	1,186	6,992		
Oxygenates (excluding Fuel Ethanol)	-	-	-	-	-	-	-		
Methyl Tertiary Butyl Ether (MTBE)	-	-	-	-	-	-	-		
All Other Oxygenates ¹	-	-	-	-	-	-	-		
Renewable Fuels (including Fuel Ethanol)	9,021	800	9,821	4,652	1,154	1,186	6,992		
Fuel Ethanol	8,880	755	9,635	4,462	1,107	1,183	6,752		
Renewable Diesel Fuel	141	45	186	190	47	3	240		
Other Renewable Fuels	-	-	-	-	-	-	-		
Unfinished Oils (net)	196	-1	195	-71	-	-	-71		
Naphthas and Lighter	-	-	-	-10	-	-	-10		
Kerosene and Light Gas Oils	299	-1	298	-61	-	-	-61		
Heavy Gas Oils	-51	-	-51	-	-	-	-		
Residuum	-52	-	-52	-	-	-	-		
Motor Gasoline Blend.Comp. (MGBC)(net)	72,121	4,731	76,852	29,594	6,522	1,283	37,399		
Reformulated - RBOB	26,064	590	26,654	7,651	1,437	767	9,855		
Conventional	46,057	4,141	50,198	21,943	5,085	516	27,544		
CBOB	37,404	4,140	41,544	21,102	4,923	361	26,386		
GTAB	2,522	-	2,522	-	-	-	-		
Other	6,131	1	6,132	841	162	155	1,158		
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-		
Total Input	81,381	5,530	86,911	34,176	7,676	2,497	44,349		
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			
Natural Gas Plant Liquids and Liquefied									
Refinery Gases	-	85	-	-	-	85	7	-	164
Pentanes Plus	-	57	-	-	-	57	6	-	76
Liquefied Petroleum Gases	-	28	-	-	-	28	1	-	88
Normal Butane	-	28	-	-	-	28	1	-	88
Isobutane	-	-	-	-	-	-	-	-	-
Other Liquids	13,142	7,471	2,660	6,334	532	30,139	2,046	39,673	203,046
Oxygenates/Renewables	1,526	662	300	935	102	3,525	496	4,488	25,322
Oxygenates (excluding Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE)	-	-	-	-	-	-	-	-	-
All Other Oxygenates ¹	-	-	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol)	1,526	662	300	935	102	3,525	496	4,488	25,322
Fuel Ethanol	1,489	649	299	913	98	3,448	491	4,369	24,695
Renewable Diesel Fuel	37	13	1	22	4	77	5	119	627
Other Renewable Fuels	-	-	-	-	-	-	-	-	-
Unfinished Oils (net)	-	-	-	-	-	-	-	-	124
Naphthas and Lighter	-	-	-	-	-	-	-	-	-10
Kerosene and Light Gas Oils	-	-	-	-	-	-	-	-	237
Heavy Gas Oils	-	-	-	-	-	-	-	-	-51
Residuum	-	-	-	-	-	-	-	-	-52
Motor Gasoline Blend.Comp. (MGBC)(net)	11,616	6,809	2,360	5,399	430	26,614	1,550	35,185	177,600
Reformulated - RBOB	5,422	5,502	-	-	-	10,924	-	28,270	75,703
Conventional	6,194	1,307	2,360	5,399	430	15,690	1,550	6,915	101,897
CBOB	6,194	-2,767	2,360	5,379	430	11,596	883	6,789	87,198
GTAB	-	-	-	-	-	-	-	-	2,522
Other	-	4,074	-	20	-	4,094	667	126	12,177
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-	-	-
Total Input	13,142	7,556	2,660	6,334	532	30,224	2,053	39,673	203,210

- = No Data Reported.

¹ 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, July 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	81,076	5,490	86,566	34,029	7,631	2,493	44,153
Reformulated	35,715	656	36,371	8,483	1,599	853	10,935
Reformulated Blended with Fuel Ethanol	35,715	656	36,371	8,483	1,599	853	10,935
Reformulated Other	-	-	-	-	-	-	-
Conventional	45,361	4,834	50,195	25,546	6,032	1,640	33,218
Conventional Blended with Fuel Ethanol	52,214	6,927	59,141	36,236	9,319	10,792	56,347
Ed55 and Lower	52,210	6,927	59,137	36,228	9,296	10,763	56,287
Greater than Ed55	4	-	4	8	23	29	60
Conventional Other	-6,853	-2,093	-8,946	-10,690	-3,287	-9,152	-23,129
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	-3	-	-3	-155	-6	-1	-162
Kerosene	-2	-4	-6	-1	-	-	-1
Distillate Fuel Oil	334	44	378	301	45	0	346
15 ppm sulfur and under	-46	44	-2	208	45	-25	228
Greater than 15 ppm to 500 ppm sulfur	34	62	96	93	-	58	151
Greater than 500 ppm sulfur	346	-62	284	-	-	-33	-33
Residual Fuel Oil	-21	-	-21	-	-	-	-
Less than 0.31 percent sulfur	-166	-	-166	-	-	-	-
0.31 to 1.00 percent sulfur	-184	-	-184	-	-	-	-
Greater than 1.00 percent sulfur	329	-	329	-	-	-	-
Special Naphthas	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-	-	7	3	10
Miscellaneous Products	-	-	-	-	-	-	-
Total Production	81,384	5,530	86,914	34,174	7,677	2,495	44,346
Processing Gain(-) or Loss(+) ¹	-3	0	-3	2	-1	2	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	13,106	7,543	2,659	6,312	528	30,148	2,045	39,555	202,467
Reformulated	6,030	5,629	-	-	-	11,659	-	31,423	90,388
Reformulated Blended with Fuel Ethanol	6,030	5,629	-	-	-	11,659	-	31,423	90,388
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	7,076	1,914	2,659	6,312	528	18,489	2,045	8,132	112,079
Conventional Blended with Fuel Ethanol	8,957	856	3,011	9,106	982	22,912	4,817	12,233	155,450
Ed55 and Lower	8,957	856	3,011	9,105	982	22,911	4,811	12,230	155,376
Greater than Ed55	-	-	-	1	-	1	6	3	74
Conventional Other	-1,881	1,058	-352	-2,794	-454	-4,423	-2,772	-4,101	-43,371
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	-	-4	-	-	-	-4	-	-5	-174
Kerosene	-	-	-	-	-	-	-	3	-4
Distillate Fuel Oil	37	13	1	23	4	78	5	107	914
15 ppm sulfur and under	37	12	-	23	4	76	5	100	407
Greater than 15 ppm to 500 ppm sulfur	-	-	1	-	-	1	-	-19	229
Greater than 500 ppm sulfur	-	1	-	-	-	1	-	26	278
Residual Fuel Oil	-	8	0	-	-	8	-	15	2
Less than 0.31 percent sulfur	-	-33	-	-	-	-33	-	15	-184
0.31 to 1.00 percent sulfur	-	80	5	-	-	85	-	-	-99
Greater than 1.00 percent sulfur	-	-39	-5	-	-	-44	-	-	285
Special Naphthas	-	-	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-2	-	-	-	-2	-	-	8
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total Production	13,143	7,558	2,660	6,335	532	30,228	2,050	39,675	203,213
Processing Gain(-) or Loss(+) ¹	-1	-2	0	-1	0	-4	3	-2	-3

- = No Data Reported.

¹ 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, July 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
Crude Oil	8,548	391	8,939	8,006	1,410	1,851	11,267
Petroleum Products	21,176	1,801	22,977	28,551	7,441	11,443	47,435
Pentanes Plus	—	—	—	104	48	295	447
Liquefied Petroleum Gases	1,944	73	2,017	2,928	521	1,703	5,152
Ethane/Ethylene	—	—	—	—	—	—	—
Propane/Propylene	316	6	322	1,269	27	1,179	2,475
Normal Butane/Butylene	1,232	53	1,285	1,470	418	394	2,282
Isobutane/Isobutylene	396	14	410	189	76	130	395
Oxygenates/Renewable Fuels/Other Hydrocarbons	124	115	239	104	21	21	146
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	124	115	239	67	21	21	109
Fuel Ethanol	124	113	237	19	18	21	58
Renewable Diesel Fuel	—	2	2	48	3	—	51
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	37	—	—	37
Unfinished Oils	5,202	379	5,581	8,183	493	3,758	12,434
Naphthas and Lighter	1,050	232	1,282	2,115	90	1,193	3,398
Kerosene and Light Gas Oils	547	—	547	1,715	165	554	2,434
Heavy Gas Oils	2,148	139	2,287	2,658	230	1,151	4,039
Residuum	1,457	8	1,465	1,695	8	860	2,563
Motor Gasoline Blending Components (MGBC)	6,379	173	6,552	7,424	1,539	972	9,935
Reformulated - RBOB	2,565	—	2,565	1,044	31	—	1,075
Conventional	3,814	173	3,987	6,380	1,508	972	8,860
CBOB	467	139	606	2,442	699	157	3,298
GTAB	—	—	—	—	—	—	—
Other	3,347	34	3,381	3,938	809	815	5,562
Aviation Gasoline Blending Components	—	—	—	—	3	—	3
Finished Motor Gasoline	517	55	572	972	502	1,616	3,090
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	517	55	572	972	502	1,616	3,090
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	517	55	572	972	502	1,616	3,090
Finished Aviation Gasoline	—	—	—	—	50	—	50
Kerosene-Type Jet Fuel	518	—	518	1,438	250	334	2,022
Kerosene	152	4	156	91	—	14	105
Distillate Fuel Oil	4,554	243	4,797	2,977	1,298	1,808	6,083
15 ppm sulfur and under	1,782	128	1,910	2,830	987	1,423	5,240
Greater than 15 ppm to 500 ppm sulfur	130	102	232	12	135	34	181
Greater than 500 ppm sulfur	2,642	13	2,655	135	176	351	662
Residual Fuel Oil	619	9	628	762	220	69	1,051
Less than 0.31 percent sulfur	182	7	189	—	—	—	—
0.31 to 1.00 percent sulfur	194	2	196	83	44	—	127
Greater than 1.00 percent sulfur	243	—	243	679	176	69	924
Petrochemical Feedstocks	113	—	113	537	103	13	653
Naphtha for Petro. Feed. Use	113	—	113	414	103	13	530
Other Oils for Petro. Feed. Use	—	—	—	123	—	—	123
Special Naphthas	—	24	24	30	—	21	51
Lubricants	287	253	540	—	—	295	295
Waxes	—	116	116	—	—	38	38
Petroleum Coke	—	—	—	514	657	101	1,272
Marketable	—	—	—	514	657	101	1,272
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	748	341	1,089	2,418	1,706	381	4,505
Miscellaneous Products	19	16	35	69	30	4	103
Total Stocks, All Oils	29,724	2,192	31,916	36,557	8,851	13,294	58,702

See footnotes at end of table.

Table 34. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, July 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			
Crude Oil	1,342	25,401	17,031	1,701	464	45,939	2,134	24,188	92,467
Petroleum Products	11,961	57,454	46,353	3,837	1,461	121,066	9,955	51,850	253,283
Pentanes Plus	209	10	254	1	2	476	27	1	951
Liquefied Petroleum Gases	2,557	1,684	5,023	9	81	9,354	381	2,246	19,150
Ethane/Ethylene	178	—	—	—	—	178	—	—	178
Propane/Propylene	1,201	96	582	3	3	1,885	90	172	4,944
Normal Butane/Butylene	1,017	1,371	3,660	2	57	6,107	190	1,495	11,359
Isobutane/Isobutylene	161	217	781	4	21	1,184	101	579	2,669
Oxygenates/Renewable Fuels/Other Hydrocarbons	26	141	51	30	6	254	98	36	773
Oxygenates (excluding Fuel Ethanol)	—	114	—	—	—	114	—	—	114
Methyl Tertiary Butyl Ether (MTBE)	—	114	—	—	—	114	—	—	114
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	26	27	51	30	6	140	98	36	622
Fuel Ethanol	18	27	41	29	6	121	97	35	548
Renewable Diesel Fuel	8	—	10	1	—	19	1	1	74
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	37
Unfinished Oils	3,505	22,222	14,504	742	479	41,452	2,876	18,534	80,877
Naphthas and Lighter	1,606	5,703	2,570	174	185	10,238	580	4,613	20,111
Kerosene and Light Gas Oils	643	4,676	2,679	180	70	8,248	460	2,818	14,507
Heavy Gas Oils	636	8,910	6,527	354	224	16,651	1,354	8,682	33,013
Residuum	620	2,933	2,728	34	—	6,315	482	2,421	13,246
Motor Gasoline Blending Components (MGBC)	2,134	12,213	11,045	297	268	25,957	1,893	12,956	57,293
Reformulated - RBOB	26	1,710	609	—	—	2,345	—	4,940	10,925
Conventional	2,108	10,503	10,436	297	268	23,612	1,893	8,016	46,368
CBOB	463	3,641	5,470	128	97	9,799	463	1,209	15,375
GTAB	—	—	—	—	—	—	—	—	—
Other	1,645	6,862	4,966	169	171	13,813	1,430	6,807	30,993
Aviation Gasoline Blending Components	9	—	—	—	—	9	—	—	12
Finished Motor Gasoline	1,050	1,925	1,543	29	81	4,628	1,606	1,682	11,578
Reformulated	113	—	—	—	—	113	—	14	127
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	14	14
Reformulated Other	113	—	—	—	—	113	—	—	113
Conventional	937	1,925	1,543	29	81	4,515	1,606	1,668	11,451
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	39	—	39
Ed55 and Lower	—	—	—	—	—	—	39	—	39
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	937	1,925	1,543	29	81	4,515	1,567	1,668	11,412
Finished Aviation Gasoline	42	126	221	—	—	389	15	77	531
Kerosene-Type Jet Fuel	431	2,668	2,679	68	—	5,846	329	4,081	12,796
Kerosene	19	—	1	6	—	26	2	23	312
Distillate Fuel Oil	1,083	6,540	5,524	533	277	13,957	1,497	5,796	32,130
15 ppm sulfur and under	882	5,549	3,794	382	201	10,808	1,319	4,629	23,906
Greater than 15 ppm to 500 ppm sulfur	80	382	614	67	—	1,143	79	370	2,005
Greater than 500 ppm sulfur	121	609	1,116	84	76	2,006	99	797	6,219
Residual Fuel Oil	55	2,727	1,487	67	75	4,411	198	3,193	9,481
Less than 0.31 percent sulfur	7	1	142	—	—	150	17	108	464
0.31 to 1.00 percent sulfur	2	206	119	30	5	362	23	668	1,376
Greater than 1.00 percent sulfur	46	2,520	1,226	37	70	3,899	158	2,417	7,641
Petrochemical Feedstocks	88	1,330	609	14	—	2,041	—	2	2,809
Naphtha for Petro. Feed. Use	27	749	498	14	—	1,288	—	2	1,933
Other Oils for Petro. Feed. Use	61	581	111	—	—	753	—	—	876
Special Naphthas	76	759	—	64	—	899	—	14	988
Lubricants	50	2,126	1,643	961	—	4,780	1	958	6,574
Waxes	—	166	144	87	—	397	—	—	551
Petroleum Coke	68	2,481	990	—	—	3,539	68	1,377	6,256
Marketable	68	2,481	990	—	—	3,539	68	1,377	6,256
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	517	206	487	928	191	2,329	948	795	9,666
Miscellaneous Products	42	130	148	1	1	322	16	79	555
Total Stocks, All Oils	13,303	82,855	63,384	5,538	1,925	167,005	12,089	76,038	345,750

— = No Data Reported.

¹ 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, July 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	5.9	2.9	5.6	6.3	3.1	2.7	5.0
Finished Motor Gasoline ¹	44.5	33.8	43.5	49.0	47.9	46.9	48.4
Finished Aviation Gasoline ²	-	-	-	-	0.6	-	0.1
Kerosene-Type Jet Fuel	4.8	-	4.4	7.9	5.5	5.4	7.0
Kerosene	0.2	-	0.1	0.0	-	0.0	0.0
Distillate Fuel Oil	31.3	28.5	31.1	25.1	29.9	36.6	28.3
Residual Fuel Oil	4.9	0.2	4.5	1.7	1.3	0.6	1.4
Naphtha for Petro. Feed. Use	0.5	-	0.4	1.1	0.0	0.1	0.8
Other Oils for Petro. Feed. Use	-	-	-	0.3	-	0.1	0.2
Special Naphthas	-	1.1	0.1	0.0	-	0.1	0.0
Lubricants	0.7	7.0	1.3	-	-	1.2	0.3
Waxes	-	0.1	0.0	-	-	0.2	0.0
Petroleum Coke	3.5	0.7	3.3	4.9	5.9	3.5	4.7
Asphalt and Road Oil	5.2	22.6	6.7	5.2	10.1	2.1	5.1
Still Gas	3.8	2.3	3.7	3.8	4.4	4.0	3.9
Miscellaneous Products	0.2	1.3	0.3	0.3	0.7	0.3	0.4
Processing Gain(-) or Loss(+) ³	-5.4	-0.4	-5.0	-5.6	-9.7	-3.7	-5.7

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	4.6	6.9	5.7	0.6	1.6	6.0	2.2	3.2	5.2
Finished Motor Gasoline ¹	52.0	42.6	40.1	22.7	48.8	41.9	47.1	44.7	44.1
Finished Aviation Gasoline ²	0.5	0.1	0.1	-	-	0.1	0.1	0.0	0.1
Kerosene-Type Jet Fuel	6.8	8.7	12.0	3.0	-	9.6	4.8	18.5	10.0
Kerosene	0.0	-	0.0	-	-	0.0	-	0.0	0.0
Distillate Fuel Oil	30.3	28.4	30.7	34.4	37.7	29.8	34.1	22.1	28.5
Residual Fuel Oil	0.6	2.3	2.5	-2.0	4.7	2.2	2.0	4.8	2.6
Naphtha for Petro. Feed. Use	0.6	2.6	1.3	0.2	-	1.8	-	0.0	1.1
Other Oils for Petro. Feed. Use	0.0	1.1	1.8	-	-	1.3	-	-	0.7
Special Naphthas	0.8	0.7	0.2	3.2	-	0.6	-	0.0	0.3
Lubricants	0.2	1.4	1.3	14.8	-	1.6	-	1.0	1.1
Waxes	-	0.1	0.1	0.5	-	0.1	-	-	0.1
Petroleum Coke	1.9	6.6	5.8	1.3	0.7	5.7	4.2	6.0	5.3
Asphalt and Road Oil	2.4	0.4	0.7	16.6	4.8	1.1	6.4	1.3	2.6
Still Gas	3.8	5.0	4.3	3.6	5.1	4.6	4.4	5.0	4.4
Miscellaneous Products	0.6	0.7	0.5	0.0	0.0	0.6	0.8	0.5	0.5
Processing Gain(-) or Loss(+) ³	-5.1	-7.6	-7.1	1.0	-3.6	-6.9	-6.1	-7.2	-6.5

- = No Data Reported.

¹ 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.

² Based on finished aviation gasoline output minus net input of aviation gasoline blending components.

³ 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, July 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
PAD District 1	1,129	386	2,929	4,444
Connecticut	-	-	-	-
Delaware	-	203	-	203
Florida	-	77	420	497
Georgia	-	-	724	724
Maine	4	-	-	4
Maryland	-	-	80	80
Massachusetts	-	-	-	-
New Hampshire	-	-	-	-
New Jersey	1,125	91	547	1,763
New York	-	12	661	673
North Carolina	-	-	-	-
Pennsylvania	-	-	-	-
Rhode Island	-	-	-	-
South Carolina	-	-	330	330
Vermont	-	3	1	4
Virginia	-	-	166	166
West Virginia	-	-	-	-
PAD District 2	35	86	99	220
Illinois	-	-	-	-
Indiana	-	-	-	-
Michigan	-	-	54	54
Minnesota	35	70	45	150
North Dakota	-	16	-	16
Ohio	-	-	-	-
Wisconsin	-	-	-	-
PAD District 3	208	906	1,079	2,193
Alabama	-	-	-	-
Louisiana	-	307	53	360
Mississippi	-	-	-	-
New Mexico	-	-	-	-
Texas	208	599	1,026	1,833
PAD District 4	-	-	10	10
Idaho	-	-	-	-
Montana	-	-	10	10
PAD District 5	-	1	777	778
Alaska	-	-	-	-
California	-	-	744	744
Hawaii	-	-	-	-
Oregon	-	-	-	-
Washington	-	1	33	34
U.S. Total	1,372	1,379	4,894	7,645

- = 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, July 2012
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	26,373	54,545	129,235	9,631	47,002	266,786	8,606
Natural Gas Plant Liquids and Liquefied Refinery Gases	1,358	3,962	879	169	125	6,493	209
Pentanes Plus	—	19	829	—	—	848	27
Liquefied Petroleum Gases	1,358	3,943	50	169	125	5,645	182
Ethane	—	—	—	—	—	—	—
Ethylene	—	9	—	—	—	9	0
Propane	968	2,509	—	150	118	3,745	121
Propylene	307	546	—	—	—	853	28
Normal Butane	31	371	—	19	—	421	14
Butylene	—	85	50	—	7	142	5
Isobutane	52	423	—	—	—	475	15
Isobutylene	—	—	—	—	—	—	—
Other Liquids	24,987	125	13,702	—	1,535	40,349	1,302
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	1,368	74	23	—	243	1,708	55
Hydrogen	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
Other Oxygenates ³	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	907	14	19	—	243	1,183	38
Fuel Ethanol	774	—	—	—	243	1,017	33
Biomass-Based Diesel Fuel	133	14	19	—	—	166	5
Other Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	461	60	4	—	—	525	17
Unfinished Oils ¹	3,772	—	12,951	—	1,107	17,830	575
Naphthas and Lighter	—	—	361	—	—	361	12
Kerosene and Lighter Gas Oils	—	—	—	—	—	—	—
Heavy Gas Oils	1,803	—	4,710	—	1,107	7,620	246
Residuum	1,969	—	7,880	—	—	9,849	318
Motor Gasoline Blend.Comp. (MGBC)	19,847	51	728	—	185	20,811	671
Reformulated - RBOB	5,243	—	—	—	—	5,243	169
Conventional	14,604	51	728	—	185	15,568	502
CBOB	2,167	—	—	—	110	2,277	73
GTAB	3,431	—	25	—	—	3,456	111
Other	9,006	51	703	—	75	9,835	317
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	9,754	724	6,729	178	2,171	19,556	631
Finished Motor Gasoline	678	—	910	—	16	1,604	52
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	678	—	910	—	16	1,604	52
Conventional Blended with Fuel Ethanol	2	—	—	—	—	2	0
Ed55 and Lower	2	—	—	—	—	2	0
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	676	—	910	—	16	1,602	52
Finished Aviation Gasoline	2	—	—	—	2	4	0
Kerosene-Type Jet Fuel	1,116	—	—	—	360	1,476	48
Bonded Aircraft Fuel	5	—	—	—	360	365	12
Other	1,111	—	—	—	—	1,111	36
Kerosene	—	—	—	—	—	—	—
Distillate Fuel Oil	2,617	57	—	40	790	3,504	113
15 ppm sulfur and under	2,313	54	—	—	763	3,130	101
Bonded	—	—	—	—	—	—	—
Other	2,313	54	—	—	763	3,130	101
Greater than 15 ppm to 500 ppm sulfur	18	1	—	40	2	61	2
Bonded	—	—	—	—	2	2	0
Other	18	1	—	40	—	59	2
Greater than 500 ppm to 2000 ppm sulfur	286	2	—	—	25	313	10
Bonded	—	—	—	—	—	—	—
Other	286	2	—	—	25	313	10
Greater than 2000 ppm	—	—	—	—	—	—	—
Bonded	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—
Residual Fuel Oil	4,444	220	2,193	10	778	7,645	247
Less than 0.31 percent sulfur	1,129	35	208	—	—	1,372	44
0.31 to 1.00 percent sulfur	386	86	906	—	1	1,379	44
Greater than 1.00 percent sulfur	2,929	99	1,079	10	777	4,894	158
Petrochemical Feedstocks	8	127	2,339	—	70	2,544	82
Naphtha for Petro. Feed. Use	5	75	550	—	70	700	23
Other Oils for Petro. Feed. Use	3	52	1,789	—	—	1,844	59
Special Naphthas	1	37	446	—	—	484	16
Lubricants	115	91	710	—	5	921	30
Waxes	86	—	29	—	48	163	5
Petroleum Coke (Marketable)	30	23	101	36	44	234	8
Asphalt and Road Oil	657	167	—	91	58	973	31
Miscellaneous Products	—	2	1	1	—	4	0
Total	62,472	59,356	150,545	9,978	50,833	333,184	10,748

— = No Data Reported.

¹ 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.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ 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-July 2012
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	185,725	373,836	993,517	54,220	252,108	1,859,406	8,730
Natural Gas Plant Liquids and Liquefied Refinery Gases	11,686	19,675	7,562	1,987	1,043	41,953	197
Pentanes Plus	—	94	6,553	—	—	6,647	31
Liquefied Petroleum Gases	11,686	19,581	1,009	1,987	1,043	35,306	166
Ethane	—	—	—	—	—	—	—
Ethylene	—	66	—	—	—	66	0
Propane	6,063	11,228	1	1,867	903	20,062	94
Propylene	4,548	3,705	161	—	—	8,414	40
Normal Butane	292	2,507	63	90	125	3,077	14
Butylene	—	644	754	—	7	1,405	7
Isobutane	783	1,431	30	30	8	2,282	11
Isobutylene	—	—	—	—	—	—	—
Other Liquids	159,682	1,012	97,164	—	10,971	268,829	1,262
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	4,118	617	454	—	243	5,432	26
Hydrogen	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
Other Oxygenates ³	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	2,823	159	234	—	243	3,459	16
Fuel Ethanol	2,499	—	78	—	243	2,820	13
Biomass-Based Diesel Fuel	219	159	156	—	—	534	3
Other Renewable Diesel Fuel	105	—	—	—	—	105	0
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	1,295	458	220	—	—	1,973	9
Unfinished Oils ¹	25,422	—	89,770	—	6,401	121,593	571
Naphthas and Lighter	975	—	4,105	—	—	5,080	24
Kerosene and Lighter Gas Oils	3	—	—	—	—	3	0
Heavy Gas Oils	12,899	—	29,312	—	6,401	48,612	228
Residuum	11,545	—	56,353	—	—	67,898	319
Motor Gasoline Blend.Comp. (MGBC)	130,142	395	6,940	—	4,327	141,804	666
Reformulated - RBOB	32,282	—	71	—	330	32,683	153
Conventional	97,860	395	6,869	—	3,997	109,121	512
CBOB	10,859	—	—	—	1,540	12,399	58
GTAB	23,037	—	98	—	13	23,148	109
Other	63,964	395	6,771	—	2,444	73,574	345
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	81,049	5,293	38,684	1,199	14,289	140,514	660
Finished Motor Gasoline	9,304	21	4,533	—	414	14,272	67
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	9,304	21	4,533	—	414	14,272	67
Conventional Blended with Fuel Ethanol	12	14	—	—	—	26	0
Ed55 and Lower	12	14	—	—	—	26	0
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	9,292	7	4,533	—	414	14,246	67
Finished Aviation Gasoline	4	11	—	1	2	18	0
Kerosene-Type Jet Fuel	3,487	—	—	—	3,991	7,478	35
Bonded Aircraft Fuel	37	—	—	—	2,656	2,693	13
Other	3,450	—	—	—	1,335	4,785	22
Kerosene	132	—	—	—	—	132	1
Distillate Fuel Oil	22,211	310	449	428	2,249	25,647	120
15 ppm sulfur and under	14,344	280	—	119	2,207	16,950	80
Bonded	1	—	—	—	—	1	0
Other	14,343	280	—	119	2,207	16,949	80
Greater than 15 ppm to 500 ppm sulfur	1,577	25	—	309	8	1,919	9
Bonded	—	—	—	—	5	5	0
Other	1,577	25	—	309	3	1,914	9
Greater than 500 ppm to 2000 ppm sulfur	6,290	5	—	—	33	6,328	30
Bonded	—	—	—	—	—	—	—
Other	6,290	5	—	—	33	6,328	30
Greater than 2000 ppm	—	—	449	—	1	450	2
Bonded	—	—	—	—	—	—	—
Other	—	—	449	—	1	450	2
Residual Fuel Oil	40,081	1,441	9,443	75	5,754	56,794	267
Less than 0.31 percent sulfur	9,259	92	580	—	—	9,931	47
0.31 to 1.00 percent sulfur	3,527	708	3,049	5	109	7,398	35
Greater than 1.00 percent sulfur	27,295	641	5,814	70	5,645	39,465	185
Petrochemical Feedstocks	439	683	16,271	—	311	17,704	83
Naphtha for Petro. Feed. Use	401	396	6,209	—	311	7,317	34
Other Oils for Petro. Feed. Use	38	287	10,062	—	—	10,387	49
Special Naphthas	59	295	2,138	—	—	2,492	12
Lubricants	985	971	4,660	—	195	6,811	32
Waxes	498	3	149	4	210	864	4
Petroleum Coke (Marketable)	627	276	1,024	36	277	2,240	11
Asphalt and Road Oil	3,222	1,257	—	647	886	6,012	28
Miscellaneous Products	—	25	17	8	—	50	0
Total	438,142	399,816	1,136,927	57,406	278,411	2,310,702	10,848

— = No Data Reported.

¹ 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.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ 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, July 2012
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	127,217	426	548	2,633	-	-	-	-	548	548
Algeria	2,355	276	548	1,557	-	-	-	-	-	-
Angola	8,628	-	-	198	-	-	-	-	-	-
Ecuador	5,090	-	-	-	-	-	-	-	368	368
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	10,917	-	-	-	-	-	-	-	-	-
Kuwait	9,432	-	-	-	-	-	-	-	-	-
Libya	3,425	-	-	-	-	-	-	-	-	-
Nigeria	11,193	-	-	328	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	45,199	-	-	249	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	30,978	150	-	301	-	-	-	-	180	180
Non-OPEC	139,569	422	5,097	15,197	-	1,604	1,604	5,243	15,020	20,263
Argentina	1,012	-	-	31	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	18	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	1,273	-	-	-	-	465	465
Brazil	6,799	-	13	-	-	-	-	-	52	52
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	283	-	-	-	-	-	-
Canada	76,751	19	5,010	-	-	363	363	2,444	1,184	3,628
Chad	467	-	-	-	-	-	-	-	-	-
China	-	-	-	52	-	-	-	-	-	-
Colombia	11,646	-	-	300	-	-	-	-	-	-
Congo (Brazzaville)	1,000	-	-	52	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	45	45
Egypt	1,417	-	-	-	-	-	-	-	-	-
Equatorial Guinea	653	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	12	12
Finland	-	-	-	36	-	-	-	322	316	638
France	-	-	-	-	-	-	-	-	1,182	1,182
Gabon	1,410	-	-	1	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	121	121
Guatemala	505	-	-	-	-	-	-	-	-	-
India	-	-	-	174	-	-	-	-	1,738	1,738
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	53	-	616	616	-	1,364	1,364
Korea, South	-	-	-	-	-	-	-	-	141	141
Latvia	-	-	-	-	-	-	-	-	325	325
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	29,774	307	37	-	-	-	-	-	-	-
Netherlands	-	96	-	158	-	331	331	639	3,004	3,643
Netherlands Antilles	-	-	-	-	-	-	-	-	55	55
Norway	497	-	-	554	-	-	-	-	415	415
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	219	219
Russia	3,915	-	-	9,627	-	-	-	-	867	867
Spain	-	-	-	128	-	294	294	-	1,406	1,406
Sweden	-	-	-	209	-	-	-	-	79	79
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	722	-	37	349	-	-	-	-	-	-
United Kingdom	-	-	-	336	-	-	-	1,838	1,664	3,502
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	3,001	0	0	1,563	-	0	0	0	366	366
Total	266,786	848	5,645	17,830	-	1,604	1,604	5,243	15,568	20,811
Persian Gulf³	65,548	-	-	249	-	-	-	-	-	-

See footnotes at end of table.

Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, July 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	
OPEC	-	-	-	-	-	-	-	1	-	-	1
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	1	-	-	1
Non-OPEC	-	-	1,017	166	-	-	3,130	60	313	-	3,503
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	868	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	14	-	-	2,367	60	291	-	2,718
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	118	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	10	-	22	-	32
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	-	-	31	152	-	-	753	0	0	-	753
Total	-	-	1,017	166	-	-	3,130	61	313	-	3,504
Persian Gulf³	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, July 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	
OPEC	-	-	-	240	-	1,125	323	-	1,448
Algeria	-	-	-	-	-	1,125	-	-	1,125
Angola	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	240	-	-	323	-	323
Non-OPEC	-	4	-	1,236	484	247	1,056	4,894	6,197
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	349	349
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	172	62	234
Brunel	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	4	-	109	161	39	396	1,530	1,965
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	32	341	373
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	50	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	208	54	-	262
Korea, South	-	-	-	862	187	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	822	822
Netherlands	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	268	268
Spain	-	-	-	-	-	-	82	-	82
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	934	934
United Kingdom	-	-	-	-	-	-	181	-	181
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	30	30
Yemen	-	-	-	-	-	-	-	-	-
Other	-	0	-	265	86	0	139	558	697
Total	-	4	-	1,476	484	1,372	1,379	4,894	7,645
Persian Gulf³	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, July 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
OPEC	-	729	-	30	1	247	-	7,038	134,255	4,104	227	4,331
Algeria	-	729	-	-	-	-	-	4,235	6,590	76	137	213
Angola	-	-	-	-	-	-	-	198	8,826	278	6	285
Ecuador	-	-	-	-	-	-	-	368	5,458	164	12	176
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	10,917	352	-	352
Kuwait	-	-	-	-	-	-	-	-	9,432	304	-	304
Libya	-	-	-	-	-	-	-	-	3,425	110	-	110
Nigeria	-	-	-	-	-	-	-	328	11,521	361	11	372
Qatar	-	-	-	-	-	211	-	211	211	-	7	7
Saudi Arabia	-	-	-	-	-	-	-	249	45,448	1,458	8	1,466
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	30	1	36	-	1,449	32,427	999	47	1,046
Non-OPEC	700	1,115	163	204	972	674	4	59,360	198,929	4,502	1,915	6,417
Argentina	-	164	-	100	-	2	-	297	1,309	33	10	42
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	367	367	-	12	12
Bahrain	-	-	-	-	-	60	-	60	60	-	2	2
Belgium	-	-	-	-	-	4	-	1,742	1,742	-	56	56
Brazil	-	-	1	-	-	-	-	1,168	7,967	219	38	257
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	283	283	-	9	9
Canada	120	76	31	103	866	153	3	15,403	92,154	2,476	497	2,973
Chad	-	-	-	-	-	-	-	-	467	15	-	15
China	-	-	34	-	-	-	-	86	86	-	3	3
Colombia	-	-	-	-	-	-	-	673	12,319	376	22	397
Congo (Brazzaville)	-	-	-	-	-	-	-	52	1,052	32	2	34
Denmark	-	-	-	-	-	-	-	45	45	-	1	1
Egypt	-	-	-	-	-	-	-	-	1,417	46	-	46
Equatorial Guinea	-	-	-	-	-	-	-	-	653	21	-	21
Estonia	-	-	-	-	-	-	-	12	12	-	0	0
Finland	-	-	-	-	-	-	-	674	674	-	22	22
France	24	33	-	-	-	10	-	1,299	1,299	-	42	42
Gabon	-	-	-	-	-	-	-	1	1,411	45	0	46
Germany	-	-	-	1	-	5	-	127	127	-	4	4
Guatemala	-	-	-	-	-	-	-	118	623	16	4	20
India	-	-	-	-	-	-	-	1,912	1,912	-	62	62
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	27	-	-	13	-	2,351	2,351	-	76	76
Korea, South	110	-	-	-	-	402	-	1,734	1,734	-	56	56
Latvia	-	-	-	-	-	-	-	325	325	-	10	10
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	19	-	-	12	-	31	31	-	1	1
Mexico	279	-	-	-	-	-	-	1,445	31,219	960	47	1,007
Netherlands	-	-	12	-	-	12	-	4,252	4,252	-	137	137
Netherlands Antilles	-	-	-	-	-	-	-	55	55	-	2	2
Norway	-	-	-	-	-	-	-	969	1,466	16	31	47
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	219	219	-	7	7
Russia	-	522	-	-	-	-	-	11,305	15,220	126	365	491
Spain	-	-	-	-	106	-	-	2,251	2,251	-	73	73
Sweden	-	-	-	-	-	-	-	288	288	-	9	9
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	1,320	2,042	23	43	66
United Kingdom	27	-	-	-	-	-	1	4,047	4,047	-	131	131
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	30	30	-	1	1
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	140	320	39	0	0	1	0	4,419	7,420	98	140	239
Total	700	1,844	163	234	973	921	4	66,398	333,184	8,606	2,142	10,748
Persian Gulf³	-	-	-	-	-	271	-	520	66,068	2,114	17	2,131

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

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

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

Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-July 2012
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	872,947	2,094	1,490	20,716	-	-	-	-	10,473	10,473
Algeria	26,589	652	1,396	14,426	-	-	-	-	302	302
Angola	56,509	-	94	2,252	-	-	-	-	-	-
Ecuador	39,352	-	-	-	-	-	-	-	746	746
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	95,075	-	-	-	-	-	-	-	-	-
Kuwait	68,954	-	-	-	-	-	-	-	-	-
Libya	12,992	-	-	-	-	-	-	-	146	146
Nigeria	84,140	548	-	1,684	-	-	-	-	5,205	5,205
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	309,347	-	-	249	-	-	-	-	-	-
United Arab Emirates	-	496	-	-	-	-	-	-	-	-
Venezuela	179,989	398	-	2,105	-	-	-	-	4,074	4,074
Non-OPEC	986,459	4,553	33,816	100,877	-	14,272	14,272	32,683	98,648	131,331
Argentina	4,796	-	-	31	-	-	-	-	271	271
Aruba	-	-	-	3,494	-	-	-	-	563	563
Australia	540	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	369	-	50	50	-	322	322
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	22	56	6,696	-	159	159	166	2,260	2,426
Brazil	55,030	-	256	448	-	44	44	71	287	358
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	9,437	-	-	569	-	-	-	-	52	52
Canada	522,473	94	32,127	439	-	5,078	5,078	15,293	13,665	28,958
Chad	3,321	-	-	-	-	-	-	-	-	-
China	251	-	-	52	-	-	-	-	-	-
Colombia	90,115	-	10	1,659	-	-	-	-	336	336
Congo (Brazzaville)	8,589	-	-	52	-	-	-	-	61	61
Denmark	-	63	-	-	-	-	-	-	182	182
Egypt	7,704	-	-	-	-	-	-	-	-	-
Equatorial Guinea	8,365	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	2,606	-	-	-	-	12	12
Finland	-	-	-	132	-	2	2	322	3,816	4,138
France	-	-	-	855	-	24	24	272	5,323	5,595
Gabon	6,514	-	-	1	-	-	-	52	168	220
Germany	-	-	-	-	-	-	-	-	155	155
Guatemala	2,413	-	-	-	-	-	-	-	-	-
India	-	-	-	174	-	-	-	17	7,708	7,725
Indonesia	817	-	-	-	-	-	-	-	-	-
Italy	308	-	-	396	-	2,311	2,311	-	5,130	5,130
Korea, South	-	-	54	19	-	11	11	-	1,171	1,171
Latvia	-	-	-	-	-	-	-	-	2,280	2,280
Lithuania	-	-	-	-	-	157	157	32	-	32
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	203,365	1,719	288	1,071	-	-	-	-	1,073	1,073
Netherlands	-	121	154	1,955	-	845	845	2,468	18,466	20,934
Netherlands Antilles	-	-	-	-	-	-	-	-	296	296
Norway	6,507	-	516	3,496	-	323	323	79	5,185	5,264
Oman	1,614	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	589	589	-	2,079	2,079
Russia	25,514	-	-	64,097	-	217	217	69	3,156	3,225
Spain	-	-	-	496	-	587	587	34	6,596	6,630
Sweden	-	-	-	829	-	58	58	24	714	738
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	6,334	-	94	4,314	-	-	-	-	-	-
United Kingdom	5,070	135	-	520	-	3,664	3,664	12,633	12,430	25,063
Vietnam	1,585	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	1,151	1,723	2,874
Yemen	-	-	-	-	-	-	-	-	-	-
Other	15,797	2,399	261	6,107	-	153	153	0	3,168	3,168
Total	1,859,406	6,647	35,306	121,593	-	14,272	14,272	32,683	109,121	141,804
Persian Gulf³	473,376	496	-	249	-	-	-	-	-	-

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-July 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	
OPEC	-	-	-	-	-	-	1,214	25	27	-	1,266
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	27	-	27
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	326	-	-	-	326
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	888	25	-	-	913
Non-OPEC	-	-	2,820	534	105	-	15,736	1,894	6,301	450	24,381
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	573	-	-	573
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	237	-	-	237
Brazil	-	-	2,465	-	-	-	-	-	-	-	-
Brunel	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	243	-	-	14,454	847	5,969	-	21,270
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	63	63
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	58	105	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	118	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	312	-	22	1	335
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	180	180
Netherlands	-	-	-	53	-	-	-	194	-	-	194
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	28	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	33	-	206	239
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	5	-	-	5
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	217	-	310	-	527
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	237	152	0	-	753	5	0	0	758
Total	-	-	2,820	534	105	-	16,950	1,919	6,328	450	25,647
Persian Gulf³	-	-	-	-	-	-	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-July 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	
OPEC	—	—	—	1,483	362	8,311	731	859	9,901
Algeria	—	—	—	—	—	7,390	—	—	7,390
Angola	—	—	—	—	—	—	392	—	392
Ecuador	—	—	—	—	—	—	6	190	196
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	10	168	178
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	323	—	—	323
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	311	362	—	—	—	—
United Arab Emirates	—	—	—	—	—	598	—	—	598
Venezuela	—	—	—	1,172	—	—	323	501	824
Non-OPEC	132	18	—	5,995	2,130	1,620	6,667	38,606	46,893
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	60	1,797	1,857
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	61	231	226	—	457
Brazil	—	—	—	—	—	—	648	103	751
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	132	18	—	642	850	230	3,161	11,401	14,792
Chad	—	—	—	—	—	—	72	—	72
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	414	4,639	5,053
Congo (Brazzaville)	—	—	—	—	—	299	55	4	358
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	1,964	1,964
Finland	—	—	—	—	35	—	—	—	—
France	—	—	—	—	57	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	39	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	417	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	208	54	—	262
Korea, South	—	—	—	4,128	816	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	310	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	7,097	7,097
Netherlands	—	—	—	—	144	200	104	43	347
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	695	3,362	4,057
Spain	—	—	—	—	—	—	82	—	82
Sweden	—	—	—	—	—	—	—	717	717
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	86	5,570	5,656
United Kingdom	—	—	—	—	—	—	531	83	614
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	5	—	—	60	49	109
Yemen	—	—	—	—	—	—	—	—	—
Other	0	0	—	493	128	452	419	1,777	2,648
Total	132	18	—	7,478	2,492	9,931	7,398	39,465	56,794
Persian Gulf³	—	—	—	311	362	598	10	168	776

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-July 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
OPEC	746	5,943	—	170	38	1,180	—	56,144	929,091	4,098	264	4,362
Algeria	—	5,907	—	—	—	—	—	30,073	56,662	125	141	266
Angola	—	—	—	—	—	—	—	2,738	59,247	265	13	278
Ecuador	—	—	—	—	—	—	—	942	40,294	185	4	189
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	95,075	446	—	446
Kuwait	—	—	—	—	—	—	—	205	69,159	324	1	325
Libya	—	—	—	—	—	—	—	146	13,138	61	1	62
Nigeria	268	—	—	—	—	—	—	8,053	92,193	395	38	433
Qatar	—	—	—	—	—	968	—	1,294	1,294	—	6	6
Saudi Arabia	14	—	—	—	—	—	—	936	310,283	1,452	4	1,457
United Arab Emirates	—	—	—	—	—	—	—	1,094	1,094	—	5	5
Venezuela	464	36	—	170	38	212	—	10,663	190,652	845	50	895
Non-OPEC	6,571	4,444	864	2,070	5,974	5,631	50	395,152	1,381,611	4,631	1,855	6,486
Argentina	—	229	1	463	—	10	—	1,006	5,802	23	5	27
Aruba	—	—	—	—	—	—	—	4,912	4,912	—	23	23
Australia	—	—	—	—	—	—	—	—	540	3	—	3
Bahamas	—	—	—	—	—	—	—	2,598	2,598	—	12	12
Bahrain	—	—	—	—	—	464	—	464	464	—	2	2
Belgium	194	—	—	—	—	37	—	10,346	10,346	—	49	49
Brazil	375	—	1	172	—	20	—	4,890	59,920	258	23	281
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	621	10,058	44	3	47
Canada	886	1,034	180	582	5,868	1,531	49	115,231	637,704	2,453	541	2,994
Chad	—	—	—	—	—	—	—	72	3,393	16	0	16
China	—	—	322	6	—	—	—	384	635	1	2	3
Colombia	—	—	—	—	—	7	—	7,128	97,243	423	33	457
Congo (Brazzaville)	—	—	—	—	—	—	—	471	9,060	40	2	43
Denmark	—	—	—	—	—	—	—	245	245	—	1	1
Egypt	—	—	—	—	—	—	—	—	7,704	36	—	36
Equatorial Guinea	—	—	—	—	—	—	—	—	8,365	39	—	39
Estonia	—	—	—	—	—	—	—	4,582	4,582	—	22	22
Finland	—	—	—	—	—	—	—	4,470	4,470	—	21	21
France	130	151	14	—	—	78	—	6,904	6,904	—	32	32
Gabon	—	—	—	—	—	—	—	221	6,735	31	1	32
Germany	29	—	26	140	—	80	—	536	536	—	3	3
Guatemala	—	—	—	—	—	—	—	118	2,531	11	1	12
India	33	—	—	—	—	—	—	8,349	8,349	—	39	39
Indonesia	—	—	1	—	—	207	—	208	1,025	4	1	5
Italy	45	—	27	—	—	47	—	8,360	8,668	1	39	41
Korea, South	952	—	—	—	—	2,566	—	10,052	10,052	—	47	47
Latvia	—	—	—	—	—	—	—	2,280	2,280	—	11	11
Lithuania	—	—	—	—	—	—	—	189	189	—	1	1
Malaysia	—	—	70	—	—	12	—	392	392	—	2	2
Mexico	1,818	—	—	—	—	—	—	13,246	216,611	955	62	1,017
Netherlands	216	18	12	—	—	106	—	25,289	25,289	—	119	119
Netherlands Antilles	—	—	—	—	—	—	—	296	296	—	1	1
Norway	494	623	—	—	—	—	—	10,744	17,251	31	50	81
Oman	—	—	—	—	—	—	—	—	1,614	8	—	8
Portugal	—	—	—	—	—	15	—	2,683	2,683	—	13	13
Russia	281	2,069	—	—	—	—	—	74,210	99,724	120	348	468
Spain	—	—	—	129	106	47	—	8,312	8,312	—	39	39
Sweden	—	—	—	—	—	—	—	2,342	2,342	—	11	11
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	10,064	16,398	30	47	77
United Kingdom	204	—	30	18	—	113	1	30,367	35,437	24	143	166
Vietnam	—	—	—	—	—	—	—	—	1,585	7	—	7
Virgin Islands, U.S.	—	—	—	478	—	—	—	4,259	4,259	—	20	20
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	914	320	180	82	0	291	0	18,311	34,108	73	86	158
Total	7,317	10,387	864	2,240	6,012	6,811	50	451,296	2,310,702	8,730	2,119	10,848
Persian Gulf³	14	—	—	—	—	1,432	—	3,993	477,369	2,222	19	2,241

— = No Data Reported.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

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

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

¹ 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, July 2012
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	16,171	-	548	301	-	-	-	-	548	548
Algeria	-	-	548	-	-	-	-	-	-	-
Angola	3,819	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	368	368
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	2,342	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	1,690	-	-	-	-	-	-	-	-	-
Nigeria	5,439	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	1,995	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	886	-	-	301	-	-	-	-	180	180
Non-OPEC	10,202	-	810	3,471	-	678	678	5,243	14,056	19,299
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	465	465
Brazil	1,026	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	4,107	-	810	-	-	347	347	2,444	948	3,392
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	16	-	-	-	-	-	-
Colombia	1,234	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	1,000	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	45	45
Egypt	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	650	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	12	12
Finland	-	-	-	-	-	-	-	322	316	638
France	-	-	-	-	-	-	-	-	1,182	1,182
Gabon	648	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	121	121
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	1,738	1,738
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	1,124	1,124
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	325	325
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	331	331	639	3,004	3,643
Netherlands Antilles	-	-	-	-	-	-	-	-	55	55
Norway	497	-	-	-	-	-	-	-	415	415
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	219	219
Russia	-	-	-	2,631	-	-	-	-	867	867
Spain	-	-	-	-	-	-	-	-	1,136	1,136
Sweden	-	-	-	-	-	-	-	-	79	79
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	252	-	-	-	1,838	1,664	3,502
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	1,040	-	0	572	-	0	0	0	341	341
Total	26,373	-	1,358	3,772	-	678	678	5,243	14,604	19,847
Persian Gulf³	4,337	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 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	
OPEC	-	-	-	-	-	-	-	1	-	-	1
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	1	-	-	1
Non-OPEC	-	-	774	133	-	-	2,313	17	286	-	2,616
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	743	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	2,313	17	286	-	2,616
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	-	-	31	133	-	-	0	0	0	-	0
Total	-	-	774	133	-	-	2,313	18	286	-	2,617
Persian Gulf³	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 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	
OPEC	-	-	-	240	-	1,125	-	-	1,125
Algeria	-	-	-	-	-	1,125	-	-	1,125
Angola	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	240	-	-	-	-	-
Non-OPEC	-	2	-	876	1	4	386	2,929	3,319
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	171	171
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	50	62	112
Brunel	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	2	-	109	1	4	309	1,342	1,655
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	27	341	368
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	502	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	49	49
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	934	934
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	30	30
Yemen	-	-	-	-	-	-	-	-	-
Other	-	0	-	265	0	0	0	0	0
Total	-	2	-	1,116	1	1,129	386	2,929	4,444
Persian Gulf³	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 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
OPEC	—	—	—	29	1	—	—	2,980	19,151	522	96	618
Algeria	—	—	—	—	—	—	—	1,673	1,673	—	54	54
Angola	—	—	—	—	—	—	—	—	3,819	123	—	123
Ecuador	—	—	—	—	—	—	—	368	368	—	12	12
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	2,342	76	—	76
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	1,690	55	—	55
Nigeria	—	—	—	—	—	—	—	—	5,439	175	—	175
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	1,995	64	—	64
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	29	1	—	—	939	1,825	29	30	59
Non-OPEC	5	3	86	1	656	115	—	33,119	43,321	329	1,068	1,397
Argentina	—	—	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	171	171	—	6	6
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	1	—	466	466	—	15	15
Brazil	—	—	1	—	—	—	—	856	1,882	33	28	61
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	5	3	31	1	550	59	—	9,581	13,688	132	309	442
Chad	—	—	—	—	—	—	—	—	—	—	—	—
China	—	—	1	—	—	—	—	17	17	—	1	1
Colombia	—	—	—	—	—	—	—	368	1,602	40	12	52
Congo (Brazzaville)	—	—	—	—	—	—	—	—	1,000	32	—	32
Denmark	—	—	—	—	—	—	—	45	45	—	1	1
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	650	21	—	21
Estonia	—	—	—	—	—	—	—	12	12	—	0	0
Finland	—	—	—	—	—	—	—	638	638	—	21	21
France	—	—	—	—	—	6	—	1,188	1,188	—	38	38
Gabon	—	—	—	—	—	—	—	—	648	21	—	21
Germany	—	—	—	—	—	4	—	125	125	—	4	4
Guatemala	—	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	1,738	1,738	—	56	56
Indonesia	—	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	27	—	—	1	—	1,165	1,165	—	38	38
Korea, South	—	—	—	—	—	32	—	534	534	—	17	17
Latvia	—	—	—	—	—	—	—	325	325	—	10	10
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	12	—	—	12	—	3,998	3,998	—	129	129
Netherlands Antilles	—	—	—	—	—	—	—	55	55	—	2	2
Norway	—	—	—	—	—	—	—	415	912	16	13	29
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	219	219	—	7	7
Russia	—	—	—	—	—	—	—	3,567	3,567	—	115	115
Spain	—	—	—	—	106	—	—	1,477	1,477	—	48	48
Sweden	—	—	—	—	—	—	—	79	79	—	3	3
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	934	934	—	30	30
United Kingdom	—	—	—	—	—	—	—	3,754	3,754	—	121	121
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	30	30	—	1	1
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	0	14	0	0	0	—	1,362	2,402	34	43	76
Total	5	3	86	30	657	115	—	36,099	62,472	851	1,164	2,015
Persian Gulf³	—	—	—	—	—	—	—	—	4,337	140	—	140

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

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

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

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

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	974	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	974	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	53,571	19	3,943	-	-	-	-	-	51	51
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	53,571	19	3,943	-	-	-	-	-	51	51
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
Total	54,545	19	3,943	-	-	-	-	-	51	51
Persian Gulf³	974	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 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	
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	14	-	-	54	1	2	-	57
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	14	-	-	54	1	2	-	57
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
Total	-	-	-	14	-	-	54	1	2	-	57
Persian Gulf³	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 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	
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	-	37	35	86	99	220
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunel	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	37	35	86	99	220
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
Total	-	-	-	-	37	35	86	99	220
Persian Gulf³	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 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
OPEC	-	-	-	-	-	-	-	-	974	31	-	31
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	974	31	-	31
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	75	52	-	23	167	91	2	4,811	58,382	1,728	155	1,883
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	75	52	-	22	167	91	2	4,810	58,381	1,728	155	1,883
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	1	-	-	-	1	1	-	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
Total	75	52	-	23	167	91	2	4,811	59,356	1,760	155	1,915
Persian Gulf³	-	-	-	-	-	-	-	-	974	31	-	31

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

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

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

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

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	82,339	426	-	1,574	-	-	-	-	-	-
Algeria	1,394	276	-	799	-	-	-	-	-	-
Angola	1,901	-	-	198	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	3,061	-	-	-	-	-	-	-	-	-
Kuwait	9,432	-	-	-	-	-	-	-	-	-
Libya	500	-	-	-	-	-	-	-	-	-
Nigeria	5,754	-	-	328	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	30,565	-	-	249	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	29,732	150	-	-	-	-	-	-	-	-
Non-OPEC	46,896	403	50	11,377	-	910	910	-	728	728
Argentina	-	-	-	31	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	18	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	1,273	-	-	-	-	-	-
Brazil	3,854	-	13	-	-	-	-	-	52	52
Brunel	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	283	-	-	-	-	-	-
Canada	2,825	-	-	-	-	-	-	-	-	-
Chad	467	-	-	-	-	-	-	-	-	-
China	-	-	-	36	-	-	-	-	-	-
Colombia	5,804	-	-	300	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	52	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Egypt	1,417	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	36	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Gabon	396	-	-	1	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	505	-	-	-	-	-	-	-	-	-
India	-	-	-	174	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	53	-	616	616	-	240	240
Korea, South	-	-	-	-	-	-	-	-	141	141
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	29,774	307	37	-	-	-	-	-	-	-
Netherlands	-	96	-	158	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	554	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	6,996	-	-	-	-	-	-
Spain	-	-	-	128	-	294	294	-	270	270
Sweden	-	-	-	209	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	722	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	84	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	1,132	0	0	991	-	0	0	-	25	25
Total	129,235	829	50	12,951	-	910	910	-	728	728
Persian Gulf³	43,058	-	-	249	-	-	-	-	-	-

See footnotes at end of table.

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 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	
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	19	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	19	-	-	-	-	-	-	-
Total	-	-	-	19	-	-	-	-	-	-	-
Persian Gulf³	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 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	
OPEC	-	-	-	-	-	-	323	-	323
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	323	-	323
Non-OPEC	-	-	-	-	446	208	583	1,079	1,870
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	122	-	122
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	123	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	5	-	5
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	50	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	208	54	-	262
Korea, South	-	-	-	-	187	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	549	549
Netherlands	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	219	219
Spain	-	-	-	-	-	-	82	-	82
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	181	-	181
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	86	0	139	311	450
Total	-	-	-	-	446	208	906	1,079	2,193
Persian Gulf³	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 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
OPEC	—	729	—	1	—	247	—	3,300	85,639	2,656	106	2,763
Algeria	—	729	—	—	—	—	—	1,804	3,198	45	58	103
Angola	—	—	—	—	—	—	—	198	2,099	61	6	68
Ecuador	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	3,061	99	—	99
Kuwait	—	—	—	—	—	—	—	—	9,432	304	—	304
Libya	—	—	—	—	—	—	—	—	500	16	—	16
Nigeria	—	—	—	—	—	—	—	328	6,082	186	11	196
Qatar	—	—	—	—	—	211	—	211	211	—	7	7
Saudi Arabia	—	—	—	—	—	—	—	249	30,814	986	8	994
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	1	—	36	—	510	30,242	959	16	976
Non-OPEC	550	1,060	29	100	—	463	1	18,010	64,906	1,513	581	2,094
Argentina	—	164	—	100	—	2	—	297	297	—	10	10
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	18	18	—	1	1
Bahrain	—	—	—	—	—	60	—	60	60	—	2	2
Belgium	—	—	—	—	—	3	—	1,276	1,276	—	41	41
Brazil	—	—	—	—	—	—	—	187	4,041	124	6	130
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	283	283	—	9	9
Canada	40	21	—	—	—	—	—	184	3,009	91	6	97
Chad	—	—	—	—	—	—	—	—	467	15	—	15
China	—	—	—	—	—	—	—	36	36	—	1	1
Colombia	—	—	—	—	—	—	—	305	6,109	187	10	197
Congo (Brazzaville)	—	—	—	—	—	—	—	52	52	—	2	2
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	1,417	46	—	46
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	36	36	—	1	1
France	24	33	—	—	—	4	—	111	111	—	4	4
Gabon	—	—	—	—	—	—	—	1	397	13	0	13
Germany	—	—	—	—	—	1	—	1	1	—	0	0
Guatemala	—	—	—	—	—	—	—	—	505	16	—	16
India	—	—	—	—	—	—	—	174	174	—	6	6
Indonesia	—	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	12	—	1,186	1,186	—	38	38
Korea, South	40	—	—	—	—	369	—	737	737	—	24	24
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	19	—	—	12	—	31	31	—	1	1
Mexico	279	—	—	—	—	—	—	1,172	30,946	960	38	998
Netherlands	—	—	—	—	—	—	—	254	254	—	8	8
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	554	554	—	18	18
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—	—
Russia	—	522	—	—	—	—	—	7,738	7,738	—	250	250
Spain	—	—	—	—	—	—	—	774	774	—	25	25
Sweden	—	—	—	—	—	—	—	209	209	—	7	7
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	722	23	—	23
United Kingdom	27	—	—	—	—	—	1	293	293	—	9	9
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	140	320	10	0	—	0	0	2,041	3,173	38	64	102
Total	550	1,789	29	101	—	710	1	21,310	150,545	4,169	687	4,856
Persian Gulf³	—	—	—	—	—	271	—	520	43,578	1,389	17	1,406

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

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

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

Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 2012
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
PAD District 4										
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	9,631	-	169	-	-	-	-	-	-	-
Canada	9,631	-	169	-	-	-	-	-	-	-
Other	0	-	0	-	-	-	-	-	-	-
Total	9,631	-	169	-	-	-	-	-	-	-
PAD District 5										
OPEC	27,733	-	-	758	-	-	-	-	-	-
Algeria	961	-	-	758	-	-	-	-	-	-
Angola	2,908	-	-	-	-	-	-	-	-	-
Ecuador	5,090	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	5,514	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	1,235	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	11,665	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	360	-	-	-	-	-	-	-	-	-
Non-OPEC	19,269	-	125	349	-	16	16	-	185	185
Argentina	1,012	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Brazil	1,919	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	6,617	-	88	-	-	16	16	-	185	185
China	-	-	-	-	-	-	-	-	-	-
Colombia	4,608	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	523	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	4,590	-	37	349	-	0	0	-	0	0
Total	47,002	-	125	1,107	-	16	16	-	185	185
Persian Gulf³	17,179	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 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	
PAD District 4											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	-	-	-	-	40	-	-	40
Canada	-	-	-	-	-	-	-	40	-	-	40
Other	-	-	-	-	-	-	-	0	-	-	0
Total	-	-	-	-	-	-	-	40	-	-	40
PAD District 5											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	243	-	-	-	763	2	25	-	790
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	125	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	2	3	-	5
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	753	-	-	-	753
Korea, South	-	-	-	-	-	-	10	-	22	-	32
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	118	-	-	-	0	0	0	-	0
Total	-	-	243	-	-	-	763	2	25	-	790
Persian Gulf ³	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 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	
PAD District 4									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	-	-	-	-	10	10
Canada	-	-	-	-	-	-	-	10	10
Other	-	-	-	-	-	-	-	0	0
Total	-	-	-	-	-	-	-	10	10
PAD District 5									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	2	-	360	-	-	1	777	778
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	2	-	-	-	-	1	79	80
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	360	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	273	273
Netherlands	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Other	-	0	-	0	-	-	0	425	425
Total	-	2	-	360	-	-	1	777	778
Persian Gulf ³	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 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
PAD District 4												
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	36	91	-	1	347	9,978	311	11	322
Canada	-	-	-	36	91	-	1	347	9,978	311	11	322
Other	-	-	-	0	0	-	0	0	0	0	0	0
Total	-	-	-	36	91	-	1	347	9,978	311	11	322
PAD District 5												
OPEC	-	-	-	-	-	-	-	758	28,491	895	24	919
Algeria	-	-	-	-	-	-	-	758	1,719	31	24	55
Angola	-	-	-	-	-	-	-	-	2,908	94	-	94
Ecuador	-	-	-	-	-	-	-	-	5,090	164	-	164
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	5,514	178	-	178
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	1,235	40	-	40
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	11,665	376	-	376
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	360	12	-	12
Non-OPEC	70	-	48	44	58	5	-	3,073	22,342	622	99	721
Argentina	-	-	-	-	-	-	-	-	1,012	33	-	33
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	125	2,044	62	4	66
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	44	58	3	-	481	7,098	213	16	229
China	-	-	33	-	-	-	-	33	33	-	1	1
Colombia	-	-	-	-	-	-	-	-	4,608	149	-	149
Finland	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Japan	-	-	15	-	-	1	-	769	769	-	25	25
Korea, South	70	-	-	-	-	1	-	463	463	-	15	15
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	273	273	-	9	9
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	523	17	-	17
Singapore	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Other	0	-	0	0	0	0	-	929	5,519	148	29	177
Total	70	-	48	44	58	5	-	3,831	50,833	1,516	124	1,640
Persian Gulf ³	-	-	-	-	-	-	-	-	17,179	554	-	554

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

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

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

Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-July 2012
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	97,589	-	1,396	2,453	-	-	-	-	9,900	9,900
Algeria	7,357	-	1,396	567	-	-	-	-	302	302
Angola	19,797	-	-	-	-	-	-	-	-	-
Ecuador	714	-	-	-	-	-	-	-	746	746
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	13,127	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	8,285	-	-	-	-	-	-	-	146	146
Nigeria	28,156	-	-	708	-	-	-	-	5,134	5,134
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	15,370	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	4,783	-	-	1,178	-	-	-	-	3,572	3,572
Non-OPEC	88,136	-	10,290	22,969	-	9,304	9,304	32,282	87,960	120,242
Argentina	-	-	-	-	-	-	-	-	271	271
Aruba	-	-	-	763	-	-	-	-	372	372
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	322	322
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	145	145	166	2,252	2,418
Brazil	3,909	-	-	118	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	9,037	-	-	286	-	-	-	-	52	52
Canada	43,471	-	9,774	376	-	4,772	4,772	15,293	11,124	26,417
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	16	-	-	-	-	-	-
Colombia	6,937	-	-	667	-	-	-	-	336	336
Congo (Brazzaville)	6,589	-	-	-	-	-	-	-	61	61
Denmark	-	-	-	-	-	-	-	-	159	159
Egypt	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	1,877	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	2,256	-	-	-	-	12	12
Finland	-	-	-	96	-	2	2	322	3,816	4,138
France	-	-	-	573	-	-	-	272	5,274	5,546
Gabon	1,248	-	-	-	-	-	-	52	-	52
Germany	-	-	-	-	-	-	-	-	155	155
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	17	6,194	6,211
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	4,592	4,592
Korea, South	-	-	-	-	-	-	-	-	353	353
Latvia	-	-	-	-	-	-	-	-	2,280	2,280
Lithuania	-	-	-	-	-	157	157	32	-	32
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	623	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	608	-	533	533	2,468	18,142	20,610
Netherlands Antilles	-	-	-	-	-	-	-	-	296	296
Norway	5,647	-	516	-	-	323	323	79	4,824	4,903
Oman	150	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	2,079	2,079
Russia	1,242	-	-	13,302	-	217	217	69	3,156	3,225
Spain	-	-	-	368	-	293	293	34	6,040	6,074
Sweden	-	-	-	202	-	-	-	24	714	738
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	2,037	-	-	436	-	2,836	2,836	12,303	12,043	24,346
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	1,151	1,062	2,213
Yemen	-	-	-	-	-	-	-	-	-	-
Other	5,369	-	0	2,902	-	26	26	0	1,979	1,979
Total	185,725	-	11,686	25,422	-	9,304	9,304	32,282	97,860	130,142
Persian Gulf³	28,497	-	-	-	-	-	-	-	-	-

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-July 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	
OPEC	-	-	-	-	-	-	1,214	25	27	-	1,266
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	27	-	27
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	326	-	-	-	326
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	888	25	-	-	913
Non-OPEC	-	-	2,499	219	105	-	13,130	1,552	6,263	-	20,945
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	573	-	-	573
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	237	-	-	237
Brazil	-	-	2,322	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	12,913	505	5,953	-	19,371
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	58	105	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	194	-	-	194
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	28	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	33	-	-	33
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	5	-	-	5
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	217	-	310	-	527
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	177	133	0	-	0	5	0	-	5
Total	-	-	2,499	219	105	-	14,344	1,577	6,290	-	22,211
Persian Gulf³	-	-	-	-	-	-	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-July 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	
OPEC	—	—	—	1,483	—	8,311	10	255	8,576
Algeria	—	—	—	—	—	7,390	—	—	7,390
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	10	168	178
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	323	—	—	323
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	311	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	598	—	—	598
Venezuela	—	—	—	1,172	—	—	—	87	87
Non-OPEC	132	4	—	2,004	59	948	3,517	27,040	31,505
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	60	1,446	1,506
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	526	103	629
Brunel	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	132	4	—	568	9	138	1,956	9,904	11,998
Chad	—	—	—	—	—	—	72	—	72
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	391	4,564	4,955
Congo (Brazzaville)	—	—	—	—	—	299	55	4	358
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	1,872	1,872
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	417	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	749	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	673	673
Netherlands	—	—	—	—	50	59	104	43	206
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	13	1,680	1,693
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	717	717
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	5,535	5,535
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	5	—	—	60	49	109
Yemen	—	—	—	—	—	—	—	—	—
Other	0	0	—	265	0	452	280	450	1,182
Total	132	4	—	3,487	59	9,259	3,527	27,295	40,081
Persian Gulf³	—	—	—	311	—	598	10	168	776

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-July 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
OPEC	373	—	—	137	6	—	—	25,872	123,461	458	121	580
Algeria	—	—	—	—	—	—	—	9,655	17,012	35	45	80
Angola	—	—	—	—	—	—	—	—	19,797	93	—	93
Ecuador	—	—	—	—	—	—	—	746	1,460	3	4	7
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	13,127	62	—	62
Kuwait	—	—	—	—	—	—	—	205	205	—	1	1
Libya	—	—	—	—	—	—	—	146	8,431	39	1	40
Nigeria	268	—	—	—	—	—	—	6,458	34,614	132	30	163
Qatar	—	—	—	—	—	—	—	326	326	—	2	2
Saudi Arabia	—	—	—	—	—	—	—	311	15,681	72	1	74
United Arab Emirates	—	—	—	—	—	—	—	598	598	—	3	3
Venezuela	105	—	—	137	6	—	—	7,427	12,210	22	35	57
Non-OPEC	28	38	498	490	3,216	985	—	226,545	314,681	414	1,064	1,477
Argentina	—	—	1	—	—	—	—	272	272	—	1	1
Aruba	—	—	—	—	—	—	—	1,990	1,990	—	9	9
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	1,828	1,828	—	9	9
Bahrain	—	—	—	—	—	37	—	37	37	—	0	0
Belgium	—	—	—	—	—	6	—	2,807	2,807	—	13	13
Brazil	—	—	1	—	—	20	—	3,090	6,999	18	15	33
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	338	9,375	42	2	44
Canada	28	38	173	4	3,110	508	—	77,282	120,753	204	363	567
Chad	—	—	—	—	—	—	—	72	72	—	0	0
China	—	—	90	6	—	—	—	112	112	—	1	1
Colombia	—	—	—	—	—	—	—	5,958	12,895	33	28	61
Congo (Brazzaville)	—	—	—	—	—	—	—	419	7,008	31	2	33
Denmark	—	—	—	—	—	—	—	159	159	—	1	1
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	1,877	9	—	9
Estonia	—	—	—	—	—	—	—	4,140	4,140	—	19	19
Finland	—	—	—	—	—	—	—	4,399	4,399	—	21	21
France	—	—	14	—	—	62	—	6,195	6,195	—	29	29
Gabon	—	—	—	—	—	—	—	52	1,300	6	0	6
Germany	—	—	25	—	—	65	—	245	245	—	1	1
Guatemala	—	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	6,628	6,628	—	31	31
Indonesia	—	—	1	—	—	—	—	1	1	—	0	0
Italy	—	—	27	—	—	6	—	4,638	4,638	—	22	22
Korea, South	—	—	—	—	—	212	—	1,314	1,314	—	6	6
Latvia	—	—	—	—	—	—	—	2,280	2,280	—	11	11
Lithuania	—	—	—	—	—	—	—	189	189	—	1	1
Malaysia	—	—	1	—	—	—	—	1	1	—	0	0
Mexico	—	—	—	—	—	—	—	673	1,296	3	3	6
Netherlands	—	—	12	—	—	29	—	22,432	22,432	—	105	105
Netherlands Antilles	—	—	—	—	—	—	—	296	296	—	1	1
Norway	—	—	—	—	—	—	—	5,770	11,417	27	27	54
Oman	—	—	—	—	—	—	—	—	150	1	—	1
Portugal	—	—	—	—	—	—	—	2,079	2,079	—	10	10
Russia	—	—	—	—	—	—	—	18,490	19,732	6	87	93
Spain	—	—	—	—	106	—	—	7,076	7,076	—	33	33
Sweden	—	—	—	—	—	—	—	1,657	1,657	—	8	8
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	5,535	5,535	—	26	26
United Kingdom	—	—	30	2	—	1	—	27,656	29,693	10	130	139
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	478	—	—	—	3,598	3,598	—	17	17
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	0	123	0	0	39	—	6,837	12,206	24	32	56
Total	401	38	498	627	3,222	985	—	252,417	438,142	872	1,185	2,057
Persian Gulf³	—	—	—	—	—	37	—	1,477	29,974	134	7	141

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

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

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

Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-July 2012
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	10,786	-	-	-	-	-	-	-	-	-
Algeria	4,074	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	6,470	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	242	-	-	-	-	-	-	-	-	-
Non-OPEC	363,050	94	19,581	-	-	21	21	-	395	395
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	525	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	362,525	94	19,581	-	-	21	21	-	395	395
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
Total	373,836	94	19,581	-	-	21	21	-	395	395
Persian Gulf³	6,470	-	-	-	-	-	-	-	-	-

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-July 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	
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	159	-	-	280	25	5	-	310
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	159	-	-	280	25	5	-	310
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
Total	-	-	-	159	-	-	280	25	5	-	310
Persian Gulf³	-	-	-	-	-	-	-	-	-	-	-

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-July 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	
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	11	-	-	295	92	708	641	1,441
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	11	-	-	295	92	708	641	1,441
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
Total	-	11	-	-	295	92	708	641	1,441
Persian Gulf³	-	-	-	-	-	-	-	-	-

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-July 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
OPEC	-	-	-	-	-	-	-	-	10,786	51	-	51
Algeria	-	-	-	-	-	-	-	-	4,074	19	-	19
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	6,470	30	-	30
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	242	1	-	1
Non-OPEC	396	287	3	276	1,257	971	25	25,980	389,030	1,704	122	1,826
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	525	2	-	2
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	396	287	3	265	1,257	971	25	25,969	388,494	1,702	122	1,824
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	11	-	-	-	11	11	-	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
Total	396	287	3	276	1,257	971	25	25,980	399,816	1,755	122	1,877
Persian Gulf³	-	-	-	-	-	-	-	-	6,470	30	-	30

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

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

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

Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-July 2012
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	618,637	2,094	94	14,546	-	-	-	-	573	573
Algeria	14,011	652	-	10,142	-	-	-	-	-	-
Angola	23,704	-	94	2,252	-	-	-	-	-	-
Ecuador	6,071	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	55,971	-	-	-	-	-	-	-	-	-
Kuwait	65,942	-	-	-	-	-	-	-	-	-
Libya	2,422	-	-	-	-	-	-	-	-	-
Nigeria	55,536	548	-	976	-	-	-	-	71	71
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	221,433	-	-	249	-	-	-	-	-	-
United Arab Emirates	-	496	-	-	-	-	-	-	-	-
Venezuela	173,547	398	-	927	-	-	-	-	502	502
Non-OPEC	374,880	4,459	915	75,224	-	4,533	4,533	71	6,296	6,367
Argentina	-	-	-	31	-	-	-	-	-	-
Aruba	-	-	-	1,357	-	-	-	-	191	191
Australia	540	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	369	-	50	50	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	22	56	6,696	-	-	-	-	8	8
Brazil	40,322	-	256	330	-	44	44	71	287	358
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	400	-	-	283	-	-	-	-	-	-
Canada	22,909	-	-	63	-	-	-	-	270	270
Chad	3,321	-	-	-	-	-	-	-	-	-
China	-	-	-	36	-	-	-	-	-	-
Colombia	64,410	-	-	992	-	-	-	-	-	-
Congo (Brazzaville)	723	-	-	52	-	-	-	-	-	-
Denmark	-	63	-	-	-	-	-	-	23	23
Egypt	7,704	-	-	-	-	-	-	-	-	-
Equatorial Guinea	5,969	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	350	-	-	-	-	-	-
Finland	-	-	-	36	-	-	-	-	-	-
France	-	-	-	282	-	-	-	-	49	49
Gabon	3,743	-	-	1	-	-	-	-	168	168
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	2,413	-	-	-	-	-	-	-	-	-
India	-	-	-	174	-	-	-	-	1,204	1,204
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	396	-	2,311	2,311	-	538	538
Korea, South	-	-	-	19	-	-	-	-	440	440
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	202,742	1,719	288	1,071	-	-	-	-	1,073	1,073
Netherlands	-	121	154	1,347	-	312	312	-	117	117
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	860	-	-	3,496	-	-	-	-	39	39
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	567	567	-	-	-
Russia	5,421	-	-	50,292	-	-	-	-	-	-
Spain	-	-	-	128	-	294	294	-	556	556
Sweden	-	-	-	519	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	5,974	-	-	3,615	-	-	-	-	-	-
United Kingdom	3,033	135	-	84	-	828	828	-	49	49
Vietnam	438	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	661	661
Yemen	-	-	-	-	-	-	-	-	-	-
Other	3,958	2,399	161	3,205	-	127	127	0	623	623
Total	993,517	6,553	1,009	89,770	-	4,533	4,533	71	6,869	6,940
Persian Gulf³	343,346	496	-	249	-	-	-	-	-	-

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-July 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	
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	78	156	-	-	-	-	-	449	449
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	18	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	84	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	63	63
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	180	180
Netherlands	-	-	-	53	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	206	206
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	60	19	-	-	-	-	-	0	0
Total	-	-	78	156	-	-	-	-	-	449	449
Persian Gulf³	-	-	-	-	-	-	-	-	-	-	-

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-July 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	
OPEC	-	-	-	-	362	-	721	414	1,135
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	392	-	392
Ecuador	-	-	-	-	-	-	6	-	6
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	362	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	323	414	737
Non-OPEC	-	-	-	-	1,776	580	2,328	5,400	8,308
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	61	231	226	-	457
Brazil	-	-	-	-	-	-	122	-	122
Brunel	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	546	-	383	235	618
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	23	75	98
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	92	92
Finland	-	-	-	-	35	-	-	-	-
France	-	-	-	-	57	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	39	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	208	54	-	262
Korea, South	-	-	-	-	816	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	3,311	3,311
Netherlands	-	-	-	-	94	141	-	-	141
Netherlands Antilles	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	682	1,208	1,890
Spain	-	-	-	-	-	-	82	-	82
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	86	35	121
United Kingdom	-	-	-	-	-	-	531	83	614
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	128	0	139	361	500
Total	-	-	-	-	2,138	580	3,049	5,814	9,443
Persian Gulf³	-	-	-	-	362	-	-	-	-

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-July 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
OPEC	373	5,943	—	33	—	1,180	—	26,333	644,970	2,904	124	3,028
Algeria	—	5,907	—	—	—	—	—	16,701	30,712	66	78	144
Angola	—	—	—	—	—	—	—	2,738	26,442	111	13	124
Ecuador	—	—	—	—	—	—	—	6	6,077	29	0	29
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	55,971	263	—	263
Kuwait	—	—	—	—	—	—	—	—	65,942	310	—	310
Libya	—	—	—	—	—	—	—	—	2,422	11	—	11
Nigeria	—	—	—	—	—	—	—	1,595	57,131	261	7	268
Qatar	—	—	—	—	—	968	—	968	968	—	5	5
Saudi Arabia	14	—	—	—	—	—	—	625	222,058	1,040	3	1,043
United Arab Emirates	—	—	—	—	—	—	—	496	496	—	2	2
Venezuela	359	36	—	33	—	212	—	3,204	176,751	815	15	830
Non-OPEC	5,836	4,119	149	991	—	3,480	17	117,077	491,957	1,760	550	2,310
Argentina	—	229	—	463	—	10	—	734	734	—	3	3
Aruba	—	—	—	—	—	—	—	1,548	1,548	—	7	7
Australia	—	—	—	—	—	—	—	—	540	3	—	3
Bahamas	—	—	—	—	—	—	—	419	419	—	2	2
Bahrain	—	—	—	—	—	427	—	427	427	—	2	2
Belgium	194	—	—	—	—	31	—	7,525	7,525	—	35	35
Brazil	375	—	—	172	—	—	—	1,675	41,997	189	8	197
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	283	683	2	1	3
Canada	462	709	—	—	—	28	16	2,796	25,705	108	13	121
Chad	—	—	—	—	—	—	—	—	3,321	16	—	16
China	—	—	69	—	—	—	—	109	109	—	1	1
Colombia	—	—	—	—	—	7	—	1,160	65,570	302	5	308
Congo (Brazzaville)	—	—	—	—	—	—	—	52	775	3	0	4
Denmark	—	—	—	—	—	—	—	86	86	—	0	0
Egypt	—	—	—	—	—	—	—	—	7,704	36	—	36
Equatorial Guinea	—	—	—	—	—	—	—	—	5,969	28	—	28
Estonia	—	—	—	—	—	—	—	442	442	—	2	2
Finland	—	—	—	—	—	—	—	71	71	—	0	0
France	130	151	—	—	—	16	—	685	685	—	3	3
Gabon	—	—	—	—	—	—	—	169	3,912	18	1	18
Germany	29	—	—	129	—	15	—	279	279	—	1	1
Guatemala	—	—	—	—	—	—	—	—	2,413	11	—	11
India	33	—	—	—	—	—	—	1,411	1,411	—	7	7
Indonesia	—	—	—	—	—	207	—	207	207	—	1	1
Italy	45	—	—	—	—	41	—	3,722	3,722	—	17	17
Korea, South	641	—	—	—	—	2,186	—	4,102	4,102	—	19	19
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	68	—	—	12	—	80	80	—	0	0
Mexico	1,818	—	—	—	—	—	—	9,460	212,202	952	44	996
Netherlands	216	18	—	—	—	76	—	2,649	2,649	—	12	12
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	494	623	—	—	—	—	—	4,652	5,512	4	22	26
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	15	—	582	582	—	3	3
Russia	281	2,069	—	—	—	—	—	54,743	60,164	25	257	282
Spain	—	—	—	129	—	47	—	1,236	1,236	—	6	6
Sweden	—	—	—	—	—	—	—	519	519	—	2	2
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	3,736	9,710	28	18	46
United Kingdom	204	—	—	16	—	112	1	2,043	5,076	14	10	24
Vietnam	—	—	—	—	—	—	—	—	438	2	—	2
Virgin Islands, U.S.	—	—	—	—	—	—	—	661	661	—	3	3
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	914	320	12	82	—	250	0	8,814	12,772	19	45	63
Total	6,209	10,062	149	1,024	—	4,660	17	143,410	1,136,927	4,664	673	5,338
Persian Gulf³	14	—	—	—	—	1,395	—	2,516	345,862	1,612	12	1,624

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

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

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

Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-July 2012
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
PAD District 4										
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	54,220	-	1,987	-	-	-	-	-	-	-
Canada	54,220	-	1,987	-	-	-	-	-	-	-
Other	0	-	0	-	-	-	-	-	-	-
Total	54,220	-	1,987	-	-	-	-	-	-	-
PAD District 5										
OPEC	145,935	-	-	3,717	-	-	-	-	-	-
Algeria	1,147	-	-	3,717	-	-	-	-	-	-
Angola	13,008	-	-	-	-	-	-	-	-	-
Ecuador	32,567	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	25,977	-	-	-	-	-	-	-	-	-
Kuwait	3,012	-	-	-	-	-	-	-	-	-
Libya	2,285	-	-	-	-	-	-	-	-	-
Nigeria	448	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	66,074	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	1,417	-	-	-	-	-	-	-	-	-
Non-OPEC	106,173	-	1,043	2,684	-	414	414	330	3,997	4,327
Argentina	4,796	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	1,374	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Brazil	10,274	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	39,348	-	785	-	-	285	285	-	1,876	1,876
China	251	-	-	-	-	-	-	-	-	-
Colombia	18,768	-	10	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Indonesia	817	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	54	-	-	11	11	-	378	378
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	207	207
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Oman	1,464	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	1,300	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	319	319
Sweden	-	-	-	108	-	58	58	-	-	-
Taiwan	-	-	-	-	-	-	-	-	247	247
United Kingdom	-	-	-	-	-	-	-	330	338	668
Vietnam	1,147	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	28,008	-	194	1,202	-	60	60	0	632	632
Total	252,108	-	1,043	6,401	-	414	414	330	3,997	4,327
Persian Gulf³	95,063	-	-	-	-	-	-	-	-	-

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-July 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	
PAD District 4											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	-	-	-	119	309	-	-	428
Canada	-	-	-	-	-	-	119	309	-	-	428
Other	-	-	-	-	-	-	0	0	-	-	0
Total	-	-	-	-	-	-	119	309	-	-	428
PAD District 5											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	243	-	-	-	2,207	8	33	1	2,249
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	125	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	1,142	8	11	-	1,161
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	753	-	-	-	753
Korea, South	-	-	-	-	-	-	312	-	22	1	335
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	118	-	-	-	0	0	0	0	0
Total	-	-	243	-	-	-	2,207	8	33	1	2,249
Persian Gulf ³	-	-	-	-	-	-	-	-	-	-	-

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-July 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	
PAD District 4									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	1	-	-	-	-	5	70	75
Canada	-	1	-	-	-	-	5	70	75
Other	-	0	-	-	-	-	0	0	0
Total	-	1	-	-	-	-	5	70	75
PAD District 5									
OPEC	-	-	-	-	-	-	-	190	190
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	190	190
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	2	-	3,991	-	-	109	5,455	5,564
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	2	-	74	-	-	109	551	660
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	-	-	124	-	-	-	-	-
Korea, South	-	-	-	3,379	-	-	-	-	-
Malaysia	-	-	-	310	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	3,113	3,113
Netherlands	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	104	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Other	-	0	-	0	-	-	0	1,791	1,791
Total	-	2	-	3,991	-	-	109	5,645	5,754
Persian Gulf ³	-	-	-	-	-	-	-	-	-

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-July 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
PAD District 4												
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	4	36	647	-	8	3,186	57,406	255	15	270
Canada	-	-	4	36	647	-	8	3,186	57,406	255	15	270
Other	-	-	0	0	0	-	0	0	0	0	0	0
Total	-	-	4	36	647	-	8	3,186	57,406	255	15	270
PAD District 5												
OPEC	-	-	-	-	32	-	-	3,939	149,874	685	18	704
Algeria	-	-	-	-	-	-	-	3,717	4,864	5	17	23
Angola	-	-	-	-	-	-	-	-	13,008	61	-	61
Ecuador	-	-	-	-	-	-	-	190	32,757	153	1	154
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	25,977	122	-	122
Kuwait	-	-	-	-	-	-	-	-	3,012	14	-	14
Libya	-	-	-	-	-	-	-	-	2,285	11	-	11
Nigeria	-	-	-	-	-	-	-	-	448	2	-	2
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	66,074	310	-	310
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	32	-	-	32	1,449	7	0	7
Non-OPEC	311	-	210	277	854	195	-	22,364	128,537	498	105	603
Argentina	-	-	-	-	-	-	-	-	4,796	23	-	23
Aruba	-	-	-	-	-	-	-	1,374	1,374	-	6	6
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	125	10,399	48	1	49
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	277	854	24	-	5,998	45,346	185	28	213
China	-	-	163	-	-	-	-	163	414	1	1	2
Colombia	-	-	-	-	-	-	-	10	18,778	88	0	88
Finland	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	1	-	-	-	-	1	1	-	0	0
Indonesia	-	-	-	-	-	-	-	-	817	4	-	4
Japan	-	-	45	-	-	2	-	924	924	-	4	4
Korea, South	311	-	-	-	-	168	-	4,636	4,636	-	22	22
Malaysia	-	-	1	-	-	-	-	311	311	-	1	1
Mexico	-	-	-	-	-	-	-	3,113	3,113	-	15	15
Netherlands	-	-	-	-	-	1	-	208	208	-	1	1
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	1,464	7	-	7
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	1,300	6	-	6
Singapore	-	-	-	-	-	-	-	319	319	-	1	1
Sweden	-	-	-	-	-	-	-	166	166	-	1	1
Taiwan	-	-	-	-	-	-	-	351	351	-	2	2
United Kingdom	-	-	-	-	-	-	-	668	668	-	3	3
Vietnam	-	-	-	-	-	-	-	-	1,147	5	-	5
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Other	0	-	0	0	0	0	-	3,997	32,005	131	19	150
Total	311	-	210	277	886	195	-	26,303	278,411	1,184	123	1,307
Persian Gulf³	-	-	-	-	-	-	-	-	95,063	446	-	446

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

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

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

Table 49. Exports of Crude Oil and Petroleum Products by PAD District, July 2012
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	182	2,205	0	-	-	2,388	77
Natural Gas Plant Liquids and Liquefied							
Refinery Gases	175	3,609	5,290	416	453	9,943	321
Pentanes Plus	3	3,137	26	358	119	3,642	117
Liquefied Petroleum Gases	173	472	5,264	58	335	6,301	203
Ethane/Ethylene	-	-	-	-	-	-	-
Propane/Propylene	54	65	4,786	2	280	5,187	167
Normal Butane/Butylene	119	407	478	56	55	1,114	36
Isobutane/Isobutylene	-	-	-	-	-	-	-
Other Liquids	128	973	4,727	0	224	6,051	195
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	48	910	2,908	0	75	3,942	127
Hydrogen	-	-	-	-	-	-	-
Oxygenates (excluding Fuel Ethanol)	1	0	1,994	0	2	1,997	64
Methyl Tertiary Butyl Ether (MTBE)	0	-	1,299	-	-	1,300	42
Other Oxygenates	1	0	694	0	2	697	22
Renewable Fuels (including Fuel Ethanol) ...	48	910	914	0	74	1,946	63
Fuel Ethanol ²	47	657	814	-	2	1,519	49
Biomass-Based Diesel	1	253	100	0	72	426	14
Other Renewable Diesel	-	-	-	-	-	-	-
Other Renewable Fuels	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	-	-	-	-
Motor Gasoline Blend.Comp. (MGBC)	79	62	1,819	-	148	2,108	68
Reformulated	-	-	50	-	-	50	2
Conventional	79	62	1,769	-	148	2,059	66
Aviation Gasoline Blend. Comp.	-	-	-	-	-	-	-
Finished Petroleum Products	7,536	1,778	59,882	96	11,875	81,167	2,618
Finished Motor Gasoline	67	255	11,009	1	1,430	12,761	412
Reformulated	-	-	-	-	-	-	-
Conventional	67	255	11,009	1	1,430	12,761	412
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	10	249	2,910	-	1,211	4,380	141
Kerosene	2	0	112	-	6	120	4
Distillate Fuel Oil	5,119	157	23,644	-	3,504	32,425	1,046
15 ppm sulfur and under ³	1,647	20	18,983	-	3,194	23,844	769
Greater than 15 ppm to 500 ppm sulfur ³	1,910	94	2,128	-	249	4,381	141
Greater than 500 ppm sulfur	1,562	43	2,533	-	62	4,200	135
Residual Fuel Oil	964	129	7,126	4	516	8,738	282
Naphtha for Petro. Feed. Use	-	-	-	-	-	-	-
Other Oils for Petro. Feed. Use	-	-	-	-	-	-	-
Special Naphthas	7	10	1,769	54	1	1,841	59
Lubricants	232	335	1,604	11	399	2,581	83
Waxes	64	26	50	1	6	146	5
Petroleum Coke	683	377	11,372	-	4,689	17,121	552
Asphalt and Road Oil	373	239	226	26	112	975	31
Miscellaneous Products	16	1	61	-	1	78	3
Total	8,021	8,565	69,899	512	12,552	99,549	3,211

- = No Data Reported.

¹ 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.

² Exports include industrial alcohol.

³ 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-July 2012
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	1,162	9,739	1,288	5	0	12,195	57
Natural Gas Plant Liquids and Liquefied							
Refinery Gases	1,700	24,007	33,012	2,650	3,143	64,511	303
Pentanes Plus	163	20,784	302	2,204	533	23,986	113
Liquefied Petroleum Gases	1,537	3,223	32,710	446	2,609	40,525	190
Ethane/Ethylene	-	-	-	-	-	-	-
Propane/Propylene	355	416	31,018	9	2,265	34,062	160
Normal Butane/Butylene	1,183	2,807	1,692	437	345	6,463	30
Isobutane/Isobutylene	-	-	-	-	-	-	-
Other Liquids	2,859	4,972	28,805	6	1,540	38,182	179
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	1,549	4,318	19,614	6	786	26,274	123
Hydrogen	-	-	-	-	-	-	-
Oxygenates (excluding Fuel Ethanol)	22	3	12,512	0	357	12,895	61
Methyl Tertiary Butyl Ether (MTBE)	17	1	9,276	-	346	9,640	45
Other Oxygenates	5	2	3,236	0	11	3,254	15
Renewable Fuels (including Fuel Ethanol) ...	1,527	4,315	7,102	6	429	13,379	63
Fuel Ethanol ²	1,523	3,474	6,591	6	103	11,697	55
Biomass-Based Diesel	4	840	511	0	326	1,682	8
Other Renewable Diesel	-	-	-	-	-	-	-
Other Renewable Fuels	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	-	-	-	-
Motor Gasoline Blend.Comp. (MGBC)	1,310	654	9,190	-	753	11,908	56
Reformulated	0	0	396	-	0	397	2
Conventional	1,310	654	8,794	-	753	11,511	54
Aviation Gasoline Blend. Comp.	-	-	-	-	-	-	-
Finished Petroleum Products	50,410	11,816	418,116	650	66,237	547,229	2,569
Finished Motor Gasoline	800	922	74,269	48	7,418	83,456	392
Reformulated	33	6	667	3	7	715	3
Conventional	767	916	73,602	44	7,411	82,741	388
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	447	2,149	15,232	12	7,965	25,805	121
Kerosene	218	1	479	7	78	782	4
Distillate Fuel Oil	28,785	1,316	165,728	4	16,324	212,158	996
15 ppm sulfur and under ³	8,830	195	128,507	0	12,383	149,915	704
Greater than 15 ppm to 500 ppm sulfur ³	8,172	731	18,648	4	3,146	30,702	144
Greater than 500 ppm sulfur	11,782	390	18,574	-	795	31,541	148
Residual Fuel Oil	11,682	1,254	64,081	37	4,865	81,920	385
Naphtha for Petro. Feed. Use	-	-	-	-	-	-	-
Other Oils for Petro. Feed. Use	-	-	-	-	-	-	-
Special Naphthas	416	77	9,853	270	280	10,895	51
Lubricants	1,585	1,994	10,983	82	2,113	16,757	79
Waxes	474	273	357	3	45	1,151	5
Petroleum Coke	4,110	2,497	74,100	0	26,293	107,001	502
Asphalt and Road Oil	1,785	1,329	2,272	187	848	6,420	30
Miscellaneous Products	108	4	762	-	9	883	4
Total	56,132	50,534	481,220	3,310	70,920	662,117	3,109

- = No Data Reported.

¹ 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.

² Exports include industrial alcohol.

³ 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, July 2012
(Thousand Barrels)

Destination	Crude Oil ¹	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	-	0	0	-	-	110	110	-	-	-
Australia	-	-	1	-	-	1	1	-	0	0
Bahamas	-	0	16	-	-	172	172	-	0	0
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	11	11
Belize	-	-	-	-	-	-	-	-	0	0
Brazil	-	6	47	-	-	315	315	-	940	940
Canada	2,388	3,613	771	-	-	811	811	-	527	527
Cayman Islands	-	-	-	-	-	25	25	-	-	-
Chile	-	0	1,108	-	-	410	410	-	-	-
China	-	1	0	-	-	-	-	-	1	1
Colombia	-	0	0	-	-	271	271	-	-	-
Costa Rica	-	0	0	-	-	515	515	-	0	0
Denmark	-	-	0	-	-	-	-	-	-	-
Dominican Republic	-	0	550	-	-	18	18	-	-	-
Ecuador	-	0	395	-	-	-	-	-	-	-
Egypt	-	0	-	-	-	-	-	-	-	-
El Salvador	-	-	-	-	-	-	-	-	0	0
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	1	-	-	-	-	-	-	-
Germany	-	0	0	-	-	-	-	-	-	-
Ghana	-	-	-	-	-	-	-	-	-	-
Gibraltar	-	-	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	-	-	-	0	0
Guatemala	-	0	-	-	-	526	526	-	-	-
Honduras	-	-	299	-	-	252	252	-	0	0
Hong Kong	-	-	-	-	-	-	-	-	-	-
India	-	0	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Ireland	-	-	-	-	-	-	-	-	0	0
Israel	-	0	0	-	-	245	245	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Jamaica	-	0	14	-	-	71	71	-	0	0
Japan	-	-	261	-	-	1	1	-	0	0
Korea, South	-	-	0	-	-	1	1	-	0	0
Lebanon	-	-	-	-	-	-	-	-	-	-
Mexico	-	19	1,345	-	-	6,413	6,413	-	397	397
Montenegro	-	-	-	-	-	-	-	-	-	-
Morocco	-	-	-	-	-	-	-	-	-	-
Mozambique	-	-	-	-	-	300	300	-	-	-
Netherlands	-	0	993	-	-	-	-	-	0	0
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
New Zealand	-	-	0	-	-	-	-	-	-	-
Nicaragua	-	0	-	-	-	-	-	-	-	-
Nigeria	-	-	0	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Pakistan	-	-	-	-	-	-	-	-	-	-
Panama	-	-	54	-	-	480	480	-	0	0
Peru	-	-	1	-	-	189	189	-	3	3
Philippines	-	-	-	-	-	6	6	-	0	0
Portugal	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	-	-	-	-	11	11	-	0	0
Romania	-	0	-	-	-	0	0	-	-	-
Saudi Arabia	-	0	-	-	-	0	0	-	-	-
Serbia	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	0	0	-	-	-
South Africa	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Switzerland	-	-	-	-	-	-	-	-	-	-
Taiwan	-	0	260	-	-	0	0	-	-	-
Thailand	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	0	1	-	-	241	241	-	-	-
Turkey	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	0	1	-	-	0	0	-	0	0
United Kingdom	-	-	2	-	-	14	14	-	0	0
Venezuela	-	0	179	-	-	801	801	-	0	0
Other	-	3	2	-	-	562	562	50	180	229
Total	2,388	3,642	6,301	-	-	12,761	12,761	50	2,059	2,108

See footnotes at end of table.

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

Destination	Oxygenates		Renewable Fuels				Distillate Fuel Oil ³				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol ²	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	—	—	—	722	100	—	—	822
Australia	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	0	—	—	—	—	29	415	—	—	444
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	10	—	54	—	—	—	—	—	—	—	—
Belize	—	—	0	—	—	—	—	—	—	—	—
Brazil	—	—	408	—	—	—	—	704	1,221	—	1,925
Canada	—	0	658	326	—	—	32	141	105	—	278
Cayman Islands	—	—	—	—	—	—	60	—	20	—	80
Chile	118	—	0	—	—	—	3,317	289	0	—	3,607
China	0	0	0	—	—	—	32	—	—	—	32
Colombia	—	—	0	—	—	—	1,487	—	—	—	1,487
Costa Rica	24	0	0	—	—	—	610	—	—	—	610
Denmark	—	—	—	—	—	—	—	—	—	—	—
Dominican Republic	—	—	0	—	—	—	229	353	—	—	582
Ecuador	—	0	—	—	—	—	524	0	—	—	525
Egypt	—	—	1	—	—	—	—	—	—	—	—
El Salvador	—	—	—	—	—	—	—	—	—	—	—
Finland	—	0	—	—	—	—	—	—	—	—	—
France	—	0	—	—	—	—	2,936	—	—	—	2,936
Germany	—	0	1	—	—	—	285	0	—	—	285
Ghana	—	—	—	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	—	—	—	1,918	—	—	—	1,918
Greece	—	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	510	275	—	785
Honduras	—	—	—	—	—	—	—	98	216	—	315
Hong Kong	—	0	0	—	—	—	—	—	—	—	—
India	—	0	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—
Ireland	—	—	0	—	—	—	—	—	—	—	—
Israel	0	0	1	—	—	—	—	—	—	—	—
Italy	—	0	—	—	—	—	297	—	—	—	297
Jamaica	—	—	88	—	—	—	—	100	—	—	100
Japan	—	568	0	—	—	—	—	0	—	—	0
Korea, South	—	—	1	—	—	—	—	—	—	—	—
Lebanon	—	—	1	—	—	—	—	—	—	—	—
Mexico	498	2	75	0	—	—	3,805	528	254	—	4,587
Montenegro	—	—	—	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	—	—	—	—	—	—
Mozambique	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	0	122	—	—	—	2,652	576	1,153	—	4,381
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
New Zealand	—	0	—	—	—	—	—	—	—	—	—
Nicaragua	—	—	0	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	35	—	—	34	—	—	—	34
Pakistan	—	—	—	—	—	—	—	—	—	—	—
Panama	—	0	—	—	—	—	626	166	879	—	1,671
Peru	—	0	96	—	—	—	1,589	—	—	—	1,589
Philippines	—	0	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico	0	0	4	—	—	—	—	0	—	—	0
Romania	—	—	—	—	—	—	300	—	—	—	300
Saudi Arabia	—	—	0	—	—	—	—	0	—	—	0
Serbia	—	—	—	—	—	—	—	—	—	—	—
Singapore	—	1	0	—	—	—	1	—	—	—	1
South Africa	—	0	—	—	—	—	—	—	—	—	—
Spain	—	126	—	—	—	—	615	—	—	—	615
Switzerland	—	—	0	—	—	—	—	—	—	—	—
Taiwan	—	0	0	23	—	—	—	—	—	—	—
Thailand	—	0	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	42	—	—	—	—	—	—	—
Turkey	—	0	—	—	—	—	584	—	—	—	584
United Arab Emirates	—	—	—	0	—	—	—	—	—	—	—
United Kingdom	—	—	6	—	—	—	600	0	—	—	600
Venezuela	635	—	—	—	—	—	—	0	—	—	0
Other	15	—	2	—	—	—	560	401	77	—	1,035
Total	1,300	697	1,519	426	—	—	23,844	4,381	4,200	—	32,425

See footnotes at end of table.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, July 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	—	—	—	—	—	612	—	—
Australia	—	—	—	—	4	—	—	—
Bahamas	0	—	—	32	—	874	—	—
Bahrain	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—
Belize	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	8	13	—	—
Canada	2	—	—	1,461	66	543	—	—
Cayman Islands	—	—	—	—	—	—	—	—
Chile	—	—	—	—	1	—	—	—
China	—	—	—	—	0	—	—	—
Colombia	1	—	—	—	—	0	—	—
Costa Rica	0	—	—	50	0	—	—	—
Denmark	—	—	—	—	—	—	—	—
Dominican Republic	—	—	—	25	0	—	—	—
Ecuador	—	—	—	—	—	206	—	—
Egypt	—	—	—	—	—	—	—	—
El Salvador	—	—	—	—	0	—	—	—
Finland	—	—	—	—	1	—	—	—
France	—	—	—	249	298	—	—	—
Germany	0	—	—	—	—	—	—	—
Ghana	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	320	316	758	—	—
Greece	—	—	—	15	—	—	—	—
Guatemala	14	—	—	171	38	25	—	—
Honduras	20	—	—	43	—	250	—	—
Hong Kong	—	—	—	—	0	—	—	—
India	—	—	—	—	0	—	—	—
Indonesia	—	—	—	—	—	—	—	—
Ireland	—	—	—	—	0	—	—	—
Israel	—	—	—	318	3	—	—	—
Italy	—	—	—	—	—	0	—	—
Jamaica	0	—	—	—	—	219	—	—
Japan	0	—	—	—	180	119	—	—
Korea, South	—	—	—	—	0	0	—	—
Lebanon	—	—	—	—	—	—	—	—
Mexico	9	—	—	76	62	1,812	—	—
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	—	—	—
Mozambique	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	662	194	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—
New Zealand	—	—	—	—	—	—	—	—
Nicaragua	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	88	—	—
Norway	—	—	—	302	—	—	—	—
Pakistan	—	—	—	9	—	—	—	—
Panama	—	—	—	389	—	574	—	—
Peru	—	—	—	471	—	0	—	—
Philippines	—	—	—	—	—	0	—	—
Portugal	—	—	—	—	—	—	—	—
Puerto Rico	0	—	—	—	1	—	—	—
Romania	1	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	4	—	—	—
Serbia	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	0	1,577	—	—
South Africa	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—
Switzerland	—	—	—	—	—	—	—	—
Taiwan	—	—	—	—	1	0	—	—
Thailand	—	—	—	—	—	0	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—
Turkey	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	0	—	—	—
United Kingdom	—	—	—	311	0	189	—	—
Venezuela	—	—	—	—	195	—	—	—
Other	73	—	—	138	1	685	—	—
Total	120	—	—	4,380	1,841	8,738	—	—

See footnotes at end of table.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, July 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	18	0	1,563	1,563	—	50	50
Australia	0	354	0	23	0	384	384	—	12	12
Bahamas	—	—	1	1	—	1,539	1,539	—	50	50
Bahrain	0	292	—	1	—	292	292	—	9	9
Belgium	0	110	—	130	0	314	314	—	10	10
Belize	—	—	—	0	—	1	1	—	0	0
Brazil	0	1,670	42	222	2	5,599	5,599	—	181	181
Canada	82	869	592	577	4	11,181	13,569	77	361	438
Cayman Islands	—	—	1	1	—	106	106	—	3	3
Chile	2	0	0	96	0	5,343	5,343	—	172	172
China	2	923	10	15	1	985	985	—	32	32
Colombia	0	0	0	157	0	1,916	1,916	—	62	62
Costa Rica	0	—	31	16	38	1,285	1,285	—	41	41
Denmark	0	155	—	0	—	155	155	—	5	5
Dominican Republic	0	—	53	17	—	1,246	1,246	—	40	40
Ecuador	0	150	0	82	—	1,358	1,358	—	44	44
Egypt	—	—	0	0	—	1	1	—	0	0
El Salvador	—	—	—	3	—	3	3	—	0	0
Finland	—	—	—	6	0	7	7	—	0	0
France	3	343	—	7	0	3,838	3,838	—	124	124
Germany	1	0	6	44	1	339	339	—	11	11
Ghana	—	—	0	0	—	0	0	—	0	0
Gibraltar	—	—	—	—	—	3,312	3,312	—	107	107
Greece	—	—	—	0	—	16	16	—	1	1
Guatemala	0	—	0	23	—	1,581	1,581	—	51	51
Honduras	0	182	—	9	—	1,369	1,369	—	44	44
Hong Kong	0	—	3	1	—	4	4	—	0	0
India	11	1,644	0	86	0	1,741	1,741	—	56	56
Indonesia	0	—	5	1	—	6	6	—	0	0
Ireland	—	138	—	—	1	139	139	—	4	4
Israel	0	333	—	88	0	987	987	—	32	32
Italy	0	611	0	19	0	928	928	—	30	30
Jamaica	—	—	0	1	0	494	494	—	16	16
Japan	1	2,560	0	32	3	3,725	3,725	—	120	120
Korea, South	0	735	8	7	0	752	752	—	24	24
Lebanon	—	117	—	1	—	119	119	—	4	4
Mexico	38	1,919	88	427	21	17,787	17,787	—	574	574
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	—	893	—	1	—	894	894	—	29	29
Mozambique	—	61	—	0	—	361	361	—	12	12
Netherlands	1	140	1	1	4	6,500	6,500	—	210	210
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
New Zealand	0	66	—	4	—	71	71	—	2	2
Nicaragua	—	—	—	6	—	6	6	—	0	0
Nigeria	—	—	—	96	—	184	184	—	6	6
Norway	—	118	0	0	—	490	490	—	16	16
Pakistan	0	—	—	0	—	9	9	—	0	0
Panama	—	200	—	12	—	3,380	3,380	—	109	109
Peru	—	0	2	56	0	2,407	2,407	—	78	78
Philippines	0	—	0	2	—	8	8	—	0	0
Portugal	0	—	—	—	—	0	0	—	0	0
Puerto Rico	0	—	70	9	—	96	96	—	3	3
Romania	—	—	—	0	—	301	301	—	10	10
Saudi Arabia	0	2	—	21	—	27	27	—	1	1
Serbia	—	—	—	—	—	—	—	—	—	—
Singapore	0	0	0	80	—	1,659	1,659	—	54	54
South Africa	0	—	1	15	—	16	16	—	1	1
Spain	0	500	—	1	—	1,242	1,242	—	40	40
Switzerland	0	—	—	0	—	0	0	—	0	0
Taiwan	0	—	6	3	0	294	294	—	9	9
Thailand	0	0	7	3	0	10	10	—	0	0
Trinidad and Tobago	—	—	—	3	—	287	287	—	9	9
Turkey	0	1,502	—	18	—	2,104	2,104	—	68	68
United Arab Emirates	—	111	0	45	—	158	158	—	5	5
United Kingdom	0	43	0	11	0	1,178	1,178	—	38	38
Venezuela	—	—	1	4	—	1,816	1,816	—	59	59
Other	5	380	47	79	3	3,248	3,248	—	105	105
Total	146	17,121	975	2,581	78	97,161	99,549	77	3,134	3,211

— = No Data Reported.

¹ 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.

² Exports include industrial alcohol.

³ 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-July 2012
(Thousand Barrels)

Destination	Crude Oil ¹	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	-	2	1	-	-	943	943	-	-	-
Australia	-	1	4	-	1	2	3	-	1	1
Bahamas	-	0	57	-	4	733	738	-	105	105
Bahrain	-	-	-	-	1	1	2	-	0	0
Belgium	-	4	-	-	-	248	248	-	12	12
Belize	-	-	0	-	-	96	96	-	0	0
Brazil	-	15	3,509	-	-	3,010	3,010	-	1,362	1,362
Canada	12,189	23,615	5,548	-	14	3,276	3,290	-	3,164	3,164
Cayman Islands	-	0	-	-	0	182	182	-	-	-
Chile	-	1	4,163	-	-	2,317	2,317	-	0	0
China	-	12	1,100	-	0	1	1	-	3	3
Colombia	-	2	0	-	-	1,222	1,222	-	99	99
Costa Rica	-	2	948	-	147	3,232	3,379	-	236	236
Denmark	-	-	1	-	-	-	-	-	-	-
Dominican Republic	-	1	3,070	-	-	304	304	-	1	1
Ecuador	-	1	3,309	-	-	2,348	2,348	-	17	17
Egypt	-	1	0	-	-	-	-	-	-	-
El Salvador	-	0	0	-	-	440	440	-	1	1
Finland	-	0	-	-	-	10	10	-	9	9
France	-	67	731	-	1	1	2	0	1	1
Germany	-	1	1	-	-	0	0	0	0	0
Ghana	-	-	-	-	-	-	-	-	-	-
Gibraltar	-	-	550	-	-	-	-	-	-	-
Greece	-	0	-	-	-	-	-	-	0	0
Guatemala	-	1	35	-	-	4,022	4,022	-	10	10
Honduras	-	0	2,317	-	5	1,653	1,658	-	5	5
Hong Kong	-	1	0	-	-	-	-	-	-	-
India	-	1	1	-	-	1	1	0	-	0
Indonesia	-	-	-	-	-	4	4	-	-	-
Ireland	-	-	-	-	-	-	-	-	0	0
Israel	-	1	1	-	6	701	708	-	0	0
Italy	-	0	1	-	-	-	-	-	0	0
Jamaica	-	1	14	-	0	298	298	-	2	2
Japan	-	0	1,076	-	1	610	611	0	1	2
Korea, South	-	-	660	-	-	11	11	-	3	3
Lebanon	-	-	-	-	-	0	0	-	-	-
Mexico	5	155	8,819	-	474	42,997	43,471	0	6,128	6,128
Montenegro	-	-	-	-	-	-	-	-	-	-
Morocco	-	-	128	-	-	-	-	-	-	-
Mozambique	-	-	-	-	-	300	300	-	-	-
Netherlands	-	83	993	-	-	9	9	-	41	41
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
New Zealand	-	-	5	-	0	0	0	-	0	0
Nicaragua	-	0	-	-	-	1	1	-	2	2
Nigeria	-	-	0	-	-	815	815	-	-	-
Norway	-	0	-	-	-	-	-	0	0	0
Pakistan	-	0	-	-	-	-	-	-	-	-
Panama	-	1	380	-	-	4,051	4,051	-	1	1
Peru	-	1	5	-	0	779	779	-	3	3
Philippines	-	-	0	-	-	22	22	-	0	0
Portugal	-	-	-	-	-	1	1	-	-	-
Puerto Rico	-	1	4	-	45	18	63	0	22	22
Romania	-	0	-	-	-	0	0	-	-	-
Saudi Arabia	-	0	2	-	-	3	3	-	0	0
Serbia	-	-	-	-	-	-	-	-	-	-
Singapore	-	0	0	-	0	275	275	-	0	0
South Africa	-	-	-	-	-	-	-	-	-	-
Spain	-	-	525	-	-	394	394	-	-	-
Switzerland	-	-	-	-	-	-	-	-	-	-
Taiwan	-	2	261	-	-	774	774	-	-	-
Thailand	-	0	0	-	2	7	9	-	0	0
Trinidad and Tobago	-	0	1	-	0	1,005	1,005	-	0	0
Turkey	-	0	-	-	-	2	2	-	1	1
United Arab Emirates	-	1	1	-	-	2	2	-	1	1
United Kingdom	-	1	566	-	3	36	39	0	3	3
Venezuela	-	6	1,652	-	-	2,816	2,816	-	3	3
Other	1	5	86	-	11	2,768	2,777	397	274	670
Total	12,195	23,986	40,525	-	715	82,741	83,456	397	11,511	11,908

See footnotes at end of table.

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

Destination	Oxygenates		Renewable Fuels				Distillate Fuel Oil ³				
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol ²	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
Argentina	46	0	2	—	—	—	4,360	1,370	1,295	—	7,025
Australia	—	0	3	67	—	—	—	1	—	—	1
Bahamas	—	1	1	0	—	—	280	1,566	301	—	2,147
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	39	1	56	—	—	—	1,651	462	—	—	2,113
Belize	—	0	0	—	—	—	—	147	—	—	147
Brazil	—	0	1,954	—	—	—	2,494	1,463	7,206	—	11,163
Canada	—	1	3,675	1,170	—	—	275	1,287	804	—	2,366
Cayman Islands	—	—	—	—	—	—	161	17	89	—	267
Chile	1,052	0	4	—	—	—	21,179	1,480	312	—	22,972
China	2	0	1	0	—	—	32	1	1	—	34
Colombia	—	0	2	—	—	—	11,487	362	378	—	12,227
Costa Rica	24	0	1	—	—	—	3,992	99	—	—	4,091
Denmark	—	—	—	—	—	—	—	—	—	—	—
Dominican Republic	—	—	1	—	—	—	708	1,527	409	—	2,644
Ecuador	—	0	0	—	—	—	3,352	2,056	740	—	6,149
Egypt	—	0	1	—	—	—	—	—	839	—	839
El Salvador	—	0	—	—	—	—	311	0	165	—	476
Finland	—	0	560	—	—	—	—	—	—	—	—
France	—	1	0	—	—	—	13,793	300	208	—	14,301
Germany	0	0	5	—	—	—	1,451	0	0	—	1,452
Ghana	—	—	26	—	—	—	—	312	0	—	312
Gibraltar	—	—	—	—	—	—	8,166	745	3,558	—	12,470
Greece	—	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	0	—	—	882	1,847	2,094	—	4,823
Honduras	—	—	0	—	—	—	216	1,282	899	—	2,397
Hong Kong	—	0	1	1	—	—	1	0	—	—	1
India	1	2	4	—	—	—	0	16	—	—	16
Indonesia	—	0	—	—	—	—	—	—	—	—	—
Ireland	—	—	1	—	—	—	—	—	—	—	—
Israel	0	0	12	—	—	—	0	0	0	—	0
Italy	—	0	—	—	—	—	1,326	0	—	—	1,326
Jamaica	—	—	306	—	—	—	78	100	75	—	253
Japan	1	2,651	1	—	—	—	1	0	0	—	1
Korea, South	0	0	238	—	—	—	—	0	—	—	0
Lebanon	—	—	1	—	—	—	—	—	339	—	339
Mexico	5,158	292	521	0	—	—	20,414	2,969	898	—	24,281
Montenegro	—	—	—	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	—	545	—	—	—	545
Mozambique	—	—	—	—	—	—	—	314	—	—	314
Netherlands	—	0	620	81	—	—	27,528	2,167	2,961	—	32,657
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
New Zealand	—	0	0	—	—	—	—	—	—	—	—
Nicaragua	—	—	0	—	—	—	—	0	—	—	0
Nigeria	—	—	358	—	—	—	—	—	1,164	—	1,164
Norway	—	—	19	163	—	—	336	—	—	—	336
Pakistan	—	0	0	—	—	—	—	0	—	—	0
Panama	—	0	0	—	—	—	3,464	3,306	3,839	—	10,609
Peru	—	0	529	0	—	—	5,591	307	871	—	6,769
Philippines	—	0	99	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico	0	1	28	—	—	—	—	0	0	—	0
Romania	—	—	—	—	—	—	899	—	—	—	899
Saudi Arabia	15	0	3	—	—	—	0	0	—	—	1
Serbia	—	—	—	—	—	—	—	—	—	—	—
Singapore	—	5	17	—	—	—	1	76	148	—	225
South Africa	—	0	1	—	—	—	—	—	—	—	—
Spain	0	295	—	—	—	—	4,921	586	—	—	5,507
Switzerland	—	0	1	—	—	—	—	—	—	—	—
Taiwan	0	0	0	150	—	—	—	1	—	—	1
Thailand	—	0	0	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	0	0	49	—	—	89	—	200	—	290
Turkey	—	0	0	—	—	—	4,049	321	—	—	4,370
United Arab Emirates	—	0	749	0	—	—	0	0	—	—	0
United Kingdom	—	0	1,297	—	—	—	2,088	136	0	—	2,224
Venezuela	3,171	0	3	—	—	—	—	7	—	—	7
Other	131	4	596	1	—	—	3,794	4,072	1,748	—	9,607
Total	9,640	3,254	11,697	1,682	—	—	149,915	30,702	31,541	—	212,158

See footnotes at end of table.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-July 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	—	—	420	0	4,744	—	—
Australia	1	—	—	2	7	1	—	—
Bahamas	0	—	—	358	171	4,991	—	—
Bahrain	—	—	—	0	—	—	—	—
Belgium	—	—	—	—	0	0	—	—
Belize	—	—	—	52	—	10	—	—
Brazil	2	—	—	219	375	393	—	—
Canada	556	—	—	11,445	362	6,057	—	—
Cayman Islands	—	—	—	64	240	—	—	—
Chile	—	—	—	760	310	1,145	—	—
China	1	—	—	—	881	4	—	—
Colombia	2	—	—	123	1,022	0	—	—
Costa Rica	2	—	—	417	6	161	—	—
Denmark	—	—	—	—	—	0	—	—
Dominican Republic	0	—	—	566	347	269	—	—
Ecuador	—	—	—	—	0	1,595	—	—
Egypt	—	—	—	—	—	—	—	—
El Salvador	0	—	—	128	85	287	—	—
Finland	0	—	—	—	2	0	—	—
France	—	—	—	429	298	0	—	—
Germany	0	—	—	0	0	0	—	—
Ghana	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	637	316	4,551	—	—
Greece	—	—	—	29	—	—	—	—
Guatemala	29	—	—	508	43	1,046	—	—
Honduras	58	—	—	281	4	2,953	—	—
Hong Kong	—	—	—	—	0	1	—	—
India	0	—	—	—	1	0	—	—
Indonesia	0	—	—	0	0	239	—	—
Ireland	—	—	—	—	0	—	—	—
Israel	—	—	—	1,131	10	1	—	—
Italy	—	—	—	13	—	1	—	—
Jamaica	0	—	—	—	0	1,959	—	—
Japan	0	—	—	—	756	398	—	—
Korea, South	—	—	—	—	1	0	—	—
Lebanon	0	—	—	—	—	—	—	—
Mexico	39	—	—	520	936	5,901	—	—
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	2,729	—	—
Mozambique	—	—	—	—	—	—	—	—
Netherlands	10	—	—	305	1,308	10,835	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—
New Zealand	—	—	—	—	—	0	—	—
Nicaragua	0	—	—	0	—	0	—	—
Nigeria	—	—	—	1,690	—	131	—	—
Norway	—	—	—	466	—	—	—	—
Pakistan	—	—	—	18	—	—	—	—
Panama	—	—	—	2,431	0	8,667	—	—
Peru	1	—	—	614	41	4	—	—
Philippines	—	—	—	—	1	0	—	—
Portugal	—	—	—	—	—	—	—	—
Puerto Rico	0	—	—	—	4	147	—	—
Romania	2	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	8	0	—	—
Serbia	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	3	17,633	—	—
South Africa	—	—	—	9	0	—	—	—
Spain	—	—	—	—	299	40	—	—
Switzerland	—	—	—	—	—	—	—	—
Taiwan	—	—	—	—	3	1	—	—
Thailand	1	—	—	—	2	1	—	—
Trinidad and Tobago	0	—	—	—	1	305	—	—
Turkey	2	—	—	2	—	354	—	—
United Arab Emirates	0	—	—	—	6	0	—	—
United Kingdom	0	—	—	1,494	0	1,341	—	—
Venezuela	—	—	—	—	2,265	1	—	—
Other	76	—	—	674	781	3,024	—	—
Total	782	—	—	25,805	10,895	81,920	—	—

See footnotes at end of table.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-July 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	3	0	3	170	0	13,361	13,361	—	63	63
Australia	1	1,744	3	230	2	2,070	2,070	—	10	10
Bahamas	—	—	6	13	46	8,632	8,632	—	41	41
Bahrain	0	292	—	5	—	298	298	—	1	1
Belgium	16	1,481	2	984	0	4,956	4,956	—	23	23
Belize	0	2	—	8	8	323	323	—	2	2
Brazil	6	7,681	451	1,635	11	31,786	31,786	—	149	149
Canada	692	5,749	2,488	3,539	25	73,743	85,933	57	346	403
Cayman Islands	—	—	2	8	23	785	785	—	4	4
Chile	18	1,056	522	616	1	34,935	34,935	—	164	164
China	17	15,679	183	211	3	18,132	18,132	—	85	85
Colombia	3	2	5	638	2	15,349	15,349	—	72	72
Costa Rica	1	176	223	127	428	10,222	10,222	—	48	48
Denmark	0	620	0	1	0	622	622	—	3	3
Dominican Republic	0	327	420	116	6	8,074	8,074	—	38	38
Ecuador	1	151	32	291	0	13,893	13,893	—	65	65
Egypt	1	0	0	3	—	846	846	—	4	4
El Salvador	0	181	—	175	—	1,774	1,774	—	8	8
Finland	—	264	1	43	0	889	889	—	4	4
France	11	845	6	358	0	17,049	17,049	—	80	80
Germany	8	799	47	250	5	2,569	2,569	—	12	12
Ghana	—	—	0	2	—	339	339	—	2	2
Gibraltar	—	—	—	—	—	18,524	18,524	—	87	87
Greece	—	1,879	0	2	—	1,911	1,911	—	9	9
Guatemala	1	664	31	142	45	11,402	11,402	—	54	54
Honduras	0	423	32	75	—	10,204	10,204	—	48	48
Hong Kong	3	—	10	9	1	28	28	—	0	0
India	60	7,004	4	199	1	7,294	7,294	—	34	34
Indonesia	1	0	22	13	0	279	279	—	1	1
Ireland	—	642	—	1	6	650	650	—	3	3
Israel	0	1,188	—	396	0	3,447	3,447	—	16	16
Italy	2	5,449	5	166	0	6,963	6,963	—	33	33
Jamaica	—	1	1	20	1	2,857	2,857	—	13	13
Japan	8	12,135	6	146	19	17,812	17,812	—	84	84
Korea, South	2	3,277	60	65	2	4,318	4,318	—	20	20
Lebanon	0	980	—	8	—	1,329	1,329	—	6	6
Mexico	268	9,764	828	2,355	145	109,580	109,585	0	514	514
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	0	2,709	—	5	—	6,117	6,117	—	29	29
Mozambique	—	510	—	0	—	1,124	1,124	—	5	5
Netherlands	7	2,018	223	44	25	49,259	49,259	—	231	231
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
New Zealand	0	353	0	16	—	374	374	—	2	2
Nicaragua	—	—	0	43	—	47	47	—	0	0
Nigeria	0	—	5	511	—	4,676	4,676	—	22	22
Norway	1	683	10	3	—	1,681	1,681	—	8	8
Pakistan	0	0	0	5	0	23	23	—	0	0
Panama	0	202	146	122	0	26,610	26,610	—	125	125
Peru	1	191	11	482	0	9,431	9,431	—	44	44
Philippines	0	0	0	10	1	133	133	—	1	1
Portugal	0	998	—	1	—	999	999	—	5	5
Puerto Rico	1	1	365	96	0	733	733	—	3	3
Romania	—	1,052	—	2	—	1,954	1,954	—	9	9
Saudi Arabia	0	127	—	155	1	315	315	—	1	1
Serbia	—	—	—	—	—	—	—	—	—	—
Singapore	1	0	9	540	0	18,709	18,709	—	88	88
South Africa	5	472	7	157	—	651	651	—	3	3
Spain	3	4,462	0	13	0	11,538	11,538	—	54	54
Switzerland	0	275	—	2	—	279	279	—	1	1
Taiwan	1	262	23	49	2	1,527	1,527	—	7	7
Thailand	1	572	24	26	2	636	636	—	3	3
Trinidad and Tobago	0	0	1	442	0	2,096	2,096	—	10	10
Turkey	0	6,528	0	78	—	11,338	11,338	—	53	53
United Arab Emirates	1	111	1	219	0	1,092	1,092	—	5	5
United Kingdom	2	1,403	10	130	1	8,512	8,512	—	40	40
Venezuela	1	553	6	137	1	10,620	10,620	—	50	50
Other	3	3,064	186	449	70	22,203	22,203	—	106	107
Total	1,151	107,001	6,420	16,757	883	649,922	662,117	57	3,051	3,109

— = No Data Reported.

¹ 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.

² Exports include industrial alcohol.

³ 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, July 2012
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	4,104	14	-1	85	-	-26	-26	-	18	18
Algeria	76	9	18	50	-	-	-	-	-	-
Angola	278	-	0	6	-	-	-	-	-	-
Ecuador	164	0	-13	-	-	-	-	-	12	12
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	352	-	-	-	-	-	-	-	-	-
Kuwait	304	-	-	-	-	-	-	-	-	-
Libya	110	-	-	-	-	-	-	-	-	-
Nigeria	361	-	0	11	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	1,458	0	-	8	-	0	0	-	-	-
United Arab Emirates	-	0	0	-	-	0	0	-	0	0
Venezuela	999	5	-6	10	-	-26	-26	-	6	6
Non-OPEC	4,425	-104	-20	490	-	-334	-334	168	418	586
Argentina	33	0	0	1	-	-4	-4	-	-	-
Aruba	-	0	-	-	-	0	0	-	0	0
Australia	-	-	0	-	-	0	0	-	0	0
Bahamas	-	0	-1	1	-	-6	-6	-	0	0
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	41	-	-	-	-	15	15
Brazil	219	0	-1	-	-	-10	-10	-	-29	-29
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	9	-	-	-	-	-	-
Canada	2,399	-116	137	-	-	-14	-14	79	21	100
Chad	15	-	-	-	-	-	-	-	-	-
China	-	0	0	2	-	-	-	-	0	0
Colombia	376	0	0	10	-	-9	-9	-	-	-
Denmark	-	-	0	-	-	-	-	-	1	1
Dominican Republic	-	0	-18	-	-	-1	-1	-	-	-
Equatorial Guinea	21	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	0	0
Finland	-	-	-	1	-	-	-	10	10	21
France	-	-	0	-	-	-	-	-	38	38
Gabon	45	-	-	0	-	-	-	-	-	-
Germany	-	0	0	-	-	-	-	-	4	4
Guatemala	16	0	-	-	-	-17	-17	-	-	-
Honduras	-	-	-10	-	-	-8	-8	-	0	0
India	-	0	-	6	-	-	-	-	56	56
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	2	-	20	20	-	44	44
Japan	-	-	-8	-	-	0	0	-	0	0
Korea, South	-	-	0	-	-	0	0	-	5	5
Latvia	-	-	-	-	-	-	-	-	10	10
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	0	-	-	0	0	-	0	0
Mexico	960	9	-42	-	-	-207	-207	-	-13	-13
Netherlands	-	3	-32	5	-	11	11	21	97	118
Netherlands Antilles	-	-	-	-	-	-	-	-	2	2
Norway	16	-	-	18	-	-	-	-	13	13
Oman	-	-	-	-	-	-	-	-	0	0
Panama	-	-	-2	-	-	-15	-15	-	0	0
Portugal	-	-	-	-	-	-	-	-	7	7
Puerto Rico	-	-	-	-	-	0	0	-	0	0
Russia	126	-	-	311	-	0	0	-	28	28
Spain	-	-	-	4	-	9	9	-	45	45
Sweden	-	-	-	7	-	-	-	-	3	3
Trinidad and Tobago	23	0	1	11	-	-8	-8	-	-	-
United Kingdom	-	-	0	11	-	0	0	59	54	113
Vietnam	-	-	-	-	-	0	0	-	0	0
Virgin Islands, U.S.	-	-	-	-	-	-5	-5	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	176	0	-44	50	-	-70	-70	-1	7	5
Total	8,529	-90	-21	575	-	-360	-360	168	436	603
Persian Gulf⁴	2,114	0	0	8	-	0	0	-	0	0

See footnotes at end of table.

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

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil ³				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol ²	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	
OPEC	-20	0	0	0	-	-	-17	0	-	-	-17
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	0	-	-	-	-	-17	0	-	-	-17
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	0	-	-	-	-	0	-	-	0
United Arab Emirates	-	-	-	0	-	-	-	-	-	-	-
Venezuela	-20	-	-	-	-	-	-	0	-	-	0
Non-OPEC	-21	-22	-16	-8	-	-	-651	-139	-125	-	-916
Argentina	-	0	0	-	-	-	-23	-3	-	-	-27
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	0	-	-	-	-	-1	-13	-	-	-14
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	0	-	-2	-	-	-	-	-	-	-	-
Brazil	-	-	15	-	-	-	-	-23	-39	-	-62
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	0	-21	-10	-	-	75	-3	6	-	79
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	0	0	-	-	-	-1	-	-	-	-1
Colombia	-	-	0	-	-	-	-48	-	-	-	-48
Denmark	-	-	-	-	-	-	-	-	-	-	-
Dominican Republic	-	-	0	-	-	-	-7	-11	-	-	-19
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	0	-	-	-	-	-	-	-	-	-
France	-	0	-	-	-	-	-95	-	-	-	-95
Gabon	-	-	-	-	-	-	-	-	-	-	-
Germany	-	0	0	-	-	-	-9	0	-	-	-9
Guatemala	-	-	4	-	-	-	-	-16	-9	-	-25
Honduras	-	-	-	-	-	-	-	-3	-7	-	-10
India	-	0	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	0	-	-	-	-	-10	-	-	-	-10
Japan	-	-18	0	-	-	-	24	0	-	-	24
Korea, South	-	-	0	-	-	-	0	-	1	-	1
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	0	-	-	-	0
Mexico	-16	0	-2	0	-	-	-123	-17	-8	-	-148
Netherlands	-	0	-4	-	-	-	-86	-19	-37	-	-141
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-1	-	-	-1	-	-	-	-1
Oman	-	-	-	-	-	-	-	-	-	-	-
Panama	-	0	-	-	-	-	-20	-5	-28	-	-54
Portugal	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	0	0	0	-	-	-	-	0	-	-	0
Russia	-	-	-	-	-	-	-	0	-	-	0
Spain	-	-4	-	-	-	-	-20	-	-	-	-20
Sweden	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-1	-	-	-	-	-	-	-
United Kingdom	-	-	0	-	-	-	-19	0	-	-	-19
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-12	-	-	-	-12
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-5	0	-6	4	-	-	-275	-26	-4	-	-305
Total	-42	-22	-16	-8	-	-	-668	-139	-125	-	-933
Persian Gulf⁴	-	-	0	0	-	-	-	0	-	-	0

See footnotes at end of table.

Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, July 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
OPEC	-	-	-	8	-6	37	-	24
Algeria	-	-	-	-	-	36	-	24
Angola	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-7	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-3	-	-
Qatar	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	0	-	-	-
United Arab Emirates	-	-	-	-	0	-	-	-
Venezuela	-	-	-	8	-6	10	-	-
Non-OPEC	-4	0	-	-101	-37	-73	23	36
Argentina	-	-	-	-	-	-20	-	5
Aruba	-	-	-	-1	-	-11	-	-
Australia	-	-	-	-	0	-	-	-
Bahamas	0	-	-	-1	-	-17	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	0	7	-	-
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-
Canada	0	0	-	-44	3	46	4	2
Chad	-	-	-	-	-	-	-	-
China	-	-	-	-	0	-	-	-
Colombia	0	-	-	-	-	12	-	-
Denmark	-	-	-	-	-	-	-	-
Dominican Republic	-	-	-	-1	0	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-
Finland	-	-	-	-	0	-	-	-
France	-	-	-	-8	-8	-	1	1
Gabon	-	-	-	-	-	-	-	-
Germany	0	-	-	-	-	-	-	-
Guatemala	0	-	-	-6	-1	-1	-	-
Honduras	-1	-	-	-1	-	-8	-	-
India	-	-	-	-	0	-	-	-
Indonesia	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	8	-	-
Japan	0	-	-	9	-3	-4	-	-
Korea, South	-	-	-	28	6	0	4	-
Latvia	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-
Mexico	0	-	-	-2	-2	-32	9	-
Netherlands	-	-	-	-	-21	-6	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-
Norway	-	-	-	-10	-	-	-	-
Oman	-	-	-	-	0	0	-	-
Panama	-	-	-	-13	-	-19	-	-
Portugal	-	-	-	-	-	-	-	-
Puerto Rico	0	-	-	-	0	-	-	-
Russia	0	-	-	-	-	9	-	17
Spain	-	-	-	-	-	3	-	-
Sweden	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	30	-	-
United Kingdom	-	-	-	-10	0	0	1	-
Vietnam	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-2	-	1	-	-
Yemen	-	-	-	-	-	-	-	-
Other	-3	0	-	-39	-11	-71	4	11
Total	-4	0	-	-94	-44	-35	23	59
Persian Gulf⁴	-	-	-	-	0	-	-	-

See footnotes at end of table.

Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, July 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
OPEC	0	-8	0	-1	-	112	4,216
Algeria	-	-	0	0	-	137	213
Angola	-	-	0	0	-	6	285
Ecuador	0	-5	0	-3	-	-32	132
Iran	-	-	-	-	-	-	-
Iraq	-	-	-	0	-	0	352
Kuwait	-	0	0	0	-	-1	304
Libya	-	-	-	0	-	0	110
Nigeria	-	-	-	-3	-	5	366
Qatar	-	-	-	7	-	7	7
Saudi Arabia	0	0	-	-1	-	7	1,465
United Arab Emirates	-	-4	0	-1	-	-5	-5
Venezuela	-	1	0	1	-	-12	987
Non-OPEC	1	-537	0	-53	-2	-1,105	3,321
Argentina	0	3	0	-1	0	-41	-8
Aruba	-	-	-	0	-	-12	-12
Australia	0	-11	0	-1	0	-12	-12
Bahamas	-	-	0	0	-	-38	-38
Bahrain	0	-9	-	2	-	-7	-7
Belgium	0	-4	-	-4	0	46	46
Brazil	0	-54	-1	-7	0	-143	76
Brunei	-	-	-	-	-	-	-
Cameroon	-	-	-	0	-	9	9
Canada	-2	-25	9	-14	0	136	2,535
Chad	-	-	-	-	-	-	15
China	1	-30	0	0	0	-29	-29
Colombia	0	0	0	-5	0	-40	336
Denmark	0	-5	-	0	-	-4	-4
Dominican Republic	0	-	-2	-1	-	-40	-40
Equatorial Guinea	-	-	-	0	-	0	21
Estonia	-	-	-	0	-	0	0
Finland	-	-	-	0	0	22	22
France	0	-11	-	0	0	-82	-82
Gabon	-	-	0	0	-	0	46
Germany	0	0	0	-1	0	-7	-7
Guatemala	0	-	0	-1	-	-47	-31
Honduras	0	-6	-	0	-	-44	-44
India	0	-53	0	-3	0	6	6
Indonesia	0	-	0	0	-	0	0
Italy	1	-20	0	0	0	46	46
Japan	1	-83	0	-1	0	-84	-84
Korea, South	0	-24	0	13	0	32	32
Latvia	-	-	-	0	-	10	10
Lithuania	-	-	-	0	-	0	0
Malaysia	1	-	0	0	0	1	1
Mexico	-1	-62	-3	-14	-1	-527	433
Netherlands	0	-5	0	0	0	-73	-73
Netherlands Antilles	-	-	-	-	-	2	2
Norway	-	-4	0	0	-	15	31
Oman	-	-	-	0	-	0	0
Panama	-	-6	-	0	-	-109	-109
Portugal	0	-	-	-	-	7	7
Puerto Rico	0	-	-2	0	-	-3	-3
Russia	-	-	-	-1	-	364	490
Spain	0	-16	3	0	-	33	33
Sweden	-	-	-	0	-	9	9
Trinidad and Tobago	-	-	-	0	-	33	57
United Kingdom	0	-1	0	0	0	93	93
Vietnam	0	-	-	0	-	0	0
Virgin Islands, U.S.	-	-	-	0	-	-18	-18
Yemen	-	-	-	0	-	0	0
Other	0	-111	-4	-14	-1	-609	-434
Total	1	-545	0	-54	-2	-992	7,537
Persian Gulf⁴	0	-13	0	6	-	1	2,115

- = No Data Reported.

¹ 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.

² Exports include industrial alcohol.

³ 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.

⁴ 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-July 2012
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	4,098	10	-16	97	0	-28	-28	-	49	49
Algeria	125	3	7	68	-	-	-	-	1	1
Angola	265	-	0	11	-	-	-	-	-	-
Ecuador	185	0	-16	-	-	-11	-11	-	3	3
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	446	0	-	-	-	-	-	-	0	0
Kuwait	324	0	-	-	-	-	-	-	0	0
Libya	61	-	-	-	-	-	-	-	1	1
Nigeria	395	3	0	8	-	-4	-4	-	24	24
Qatar	-	-	-	-	0	-	0	-	0	0
Saudi Arabia	1,452	0	0	1	-	0	0	-	0	0
United Arab Emirates	-	2	0	-	-	0	0	-	0	0
Venezuela	845	2	-8	10	-	-13	-13	-	19	19
Non-OPEC	4,574	-91	-8	474	-3	-293	-297	152	409	561
Argentina	23	0	0	0	-	-4	-4	-	1	1
Aruba	-	0	0	16	0	-1	-1	0	2	2
Australia	3	0	0	-	0	0	0	-	0	0
Bahamas	-	0	0	2	0	-3	-3	-	1	1
Bahrain	-	-	-	-	0	0	0	-	0	0
Belgium	-	0	0	31	-	0	0	1	11	11
Brazil	258	0	-15	2	-	-14	-14	0	-5	-5
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	44	-	-	3	-	-	-	-	0	0
Canada	2,396	-110	125	2	0	8	8	72	49	121
Chad	16	-	-	-	-	-	-	-	-	-
China	1	0	-5	0	0	0	0	-	0	0
Colombia	423	0	0	8	-	-6	-6	-	1	1
Denmark	-	0	0	-	-	-	-	-	1	1
Dominican Republic	-	0	-14	-	-	-1	-1	-	0	0
Equatorial Guinea	39	-	-	-	-	-	-	-	-	-
Estonia	-	0	-	12	-	-	-	-	0	0
Finland	-	0	-	1	-	0	0	2	18	19
France	-	0	-3	4	0	0	0	1	25	26
Gabon	31	-	-	0	-	-	-	0	1	1
Germany	-	0	0	-	-	0	0	0	1	1
Guatemala	11	0	0	-	-	-19	-19	-	0	0
Honduras	-	0	-11	-	0	-8	-8	-	0	0
India	-	0	0	1	-	0	0	0	36	36
Indonesia	4	-	-	-	-	0	0	-	-	-
Italy	1	0	0	2	-	11	11	-	24	24
Japan	-	0	-5	-	0	-3	-3	0	0	0
Korea, South	-	-	-3	0	-	0	0	-	5	5
Latvia	-	-	-	-	-	0	0	-	11	11
Lithuania	-	-	-	-	-	1	1	0	-	0
Malaysia	-	0	0	-	-	0	0	-	0	0
Mexico	955	7	-40	5	-2	-202	-204	0	-24	-24
Netherlands	-	0	-4	9	-	4	4	12	87	98
Netherlands Antilles	-	-	-	-	-	-	-	-	1	1
Norway	31	0	2	16	-	2	2	0	24	25
Oman	8	-	-	-	-	-	-	-	0	0
Panama	-	0	-2	-	-	-19	-19	-	0	0
Portugal	-	-	-	-	-	3	3	-	10	10
Puerto Rico	-	0	0	-	0	0	0	0	0	0
Russia	120	-	-	301	-	1	1	0	15	15
Spain	-	-	-2	2	-	1	1	0	31	31
Sweden	-	-	-	4	-	0	0	0	3	3
Trinidad and Tobago	30	0	0	20	0	-5	-5	-	0	0
United Kingdom	24	1	-3	2	0	17	17	59	58	118
Vietnam	7	-	-	-	-	0	0	-	0	0
Virgin Islands, U.S.	-	-	-	-	0	-1	-1	5	8	13
Yemen	-	0	-	-	-	-	-	-	-	-
Other	149	11	-28	31	-1	-55	-57	0	14	15
Total	8,672	-81	-25	571	-3	-321	-325	152	458	610
Persian Gulf⁴	2,222	2	0	1	0	0	0	-	0	0

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-July 2012
(Thousand Barrels per Day) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil ³				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol ²	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	
OPEC	-15	0	-5	0	-	-	-10	-11	-10	-	-30
Algeria	-	-	-	-	-	-	-	-1	-	-	-1
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	0	0	-	-	-	-16	-10	-3	-	-29
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	0	-	0	-	0
Libya	-	-	-	-	-	-	-	-	-1	-	-1
Nigeria	-	-	-2	-	-	-	-	-	-5	-	-5
Qatar	-	-	-	-	-	-	2	-	-	-	2
Saudi Arabia	0	0	0	-	-	-	0	0	-	-	0
United Arab Emirates	-	0	-4	0	-	-	0	0	-	-	0
Venezuela	-15	0	0	-	-	-	4	0	-	-	4
Non-OPEC	-30	-15	-36	-5	0	-	-614	-125	-109	2	-845
Argentina	0	0	0	-	-	-	-20	-6	-6	-	-33
Aruba	-	-	0	-	-	-	-	2	-	-	2
Australia	-	0	0	0	-	-	-	0	-	-	0
Bahamas	-	0	0	0	-	-	-1	-7	-1	-	-10
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	0	0	0	-	-	-	-8	-1	-	-	-9
Brazil	-	0	2	-	-	-	-12	-7	-34	-	-52
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	0	-	-	-	-	-	-	-	-	-
Canada	-	0	-17	-4	-	-	67	-2	24	-	89
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	0	0	0	-	-	0	0	0	-	0
Colombia	-	0	0	-	-	-	-54	-2	-2	0	-57
Denmark	-	-	-	-	-	-	-	-	-	-	-
Dominican Republic	-	-	0	-	-	-	-3	-7	-2	-	-12
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	0	-3	0	0	-	-	-	-	-	-
France	-	0	0	-	-	-	-65	-1	-1	-	-67
Gabon	-	-	-	-	-	-	-	-	-	-	-
Germany	0	0	0	-	-	-	-7	0	0	-	-7
Guatemala	-	-	1	0	-	-	-4	-9	-10	-	-23
Honduras	-	-	0	-	-	-	-1	-6	-4	-	-11
India	0	0	0	-	-	-	0	0	-	-	0
Indonesia	-	0	-	-	-	-	-	-	-	-	-
Italy	-	0	-	-	-	-	-6	0	-	-	-6
Japan	0	-12	0	-	-	-	4	0	0	-	4
Korea, South	0	0	-1	-	-	-	1	0	0	0	2
Latvia	-	-	-	-	-	-	-	0	-	-	0
Lithuania	-	0	0	-	-	-	0	-	-	-	0
Malaysia	-	0	-	-	-	-	0	-	0	-	0
Mexico	-24	-1	-2	0	-	-	-96	-14	-4	1	-113
Netherlands	-	0	-3	0	-	-	-129	-9	-14	-	-152
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	0	-1	-	-	-2	-	-	-	-2
Oman	-	-	-3	-	-	-	-	-	-	-	-
Panama	-	0	0	-	-	-	-16	-16	-18	-	-50
Portugal	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	0	0	0	-	-	-	0	0	0	-	0
Russia	-	0	-	-	-	-	0	0	-	1	1
Spain	0	-1	-	-	-	-	-23	-3	-	-	-26
Sweden	-	-	0	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	0	0	0	-	-	0	-	-1	-	-1
United Kingdom	-	0	-6	-	-	-	-10	-1	0	-	-10
Vietnam	-	0	0	-	-	-	-	0	-	-	0
Virgin Islands, U.S.	-	-	0	-	-	-	-6	-5	-1	-	-12
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-6	-1	-4	0	0	-	-223	-31	-35	0	-290
Total	-45	-15	-42	-5	0	-	-624	-135	-118	2	-876
Persian Gulf⁴	0	0	-4	0	-	-	2	0	0	-	2

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-July 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
OPEC	0	-	-	-1	-9	38	4	28
Algeria	-	-	-	-	0	35	-	28
Angola	-	-	-	-	0	2	-	-
Ecuador	-	-	-	-	0	-7	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-
Kuwait	0	-	-	-	-	1	-	-
Libya	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-8	-	1	1	-
Qatar	0	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	1	2	0	0	-
United Arab Emirates	0	-	-	-	0	3	-	-
Venezuela	-	-	-	6	-11	4	2	0
Non-OPEC	-3	0	-	-85	-30	-156	31	21
Argentina	0	-	-	-2	0	-22	-	1
Aruba	0	-	-	-1	-	-5	-	-
Australia	0	-	-	0	0	0	-	-
Bahamas	0	-	-	-2	-1	-15	-	-
Bahrain	-	-	-	0	-	-	-	-
Belgium	-	-	-	-	0	2	1	-
Brazil	0	-	-	-1	-2	2	2	-
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-
Canada	-2	0	-	-51	2	41	4	5
Chad	-	-	-	-	-	0	-	-
China	0	-	-	-	-4	0	-	-
Colombia	0	-	-	-1	-5	24	-	-
Denmark	-	-	-	-	-	0	-	-
Dominican Republic	0	-	-	-3	-2	-1	-	-
Equatorial Guinea	-	-	-	-	-	0	-	-
Estonia	-	-	-	-	-	9	-	-
Finland	0	-	-	-	0	0	-	-
France	-	-	-	-2	-1	0	1	1
Gabon	-	-	-	-	-	-	-	-
Germany	0	-	-	0	0	0	0	-
Guatemala	0	-	-	-2	0	-5	-	-
Honduras	0	-	-	-1	0	-14	-	-
India	0	-	-	2	0	0	0	-
Indonesia	0	-	-	0	0	-1	-	-
Italy	-	-	-	0	-	1	0	-
Japan	0	-	-	2	-3	-2	-	-
Korea, South	-	-	-	19	4	0	4	-
Latvia	-	-	-	-	-	-	-	-
Lithuania	0	-	-	0	0	-	-	-
Malaysia	-	-	-	1	0	0	-	-
Mexico	0	-	-	-2	-4	6	9	-
Netherlands	0	-	-	-1	-5	-49	1	0
Netherlands Antilles	-	-	-	-	-	-	-	-
Norway	-	-	-	-2	-	-	2	3
Oman	-	-	-	-	0	0	-	-
Panama	-	-	-	-11	0	-41	-	-
Portugal	-	-	-	-	-	-	-	-
Puerto Rico	0	-	-	-	0	-1	-	-
Russia	0	-	-	-	-	19	1	10
Spain	-	-	-	-	-1	0	-	-
Sweden	-	-	-	-	-	3	-	-
Trinidad and Tobago	0	-	-	-	0	25	-	-
United Kingdom	0	-	-	-7	0	-3	1	-
Vietnam	-	-	-	-	-	0	-	-
Virgin Islands, U.S.	-	-	-	0	-	0	-	-
Yemen	-	-	-	-	-	-	-	-
Other	-1	0	-	-20	-8	-129	5	1
Total	-3	0	-	-86	-39	-118	34	49
Persian Gulf⁴	0	-	-	1	2	4	0	-

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-July 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
OPEC	0	-4	0	-1	0	117	4,215
Algeria	0	0	0	0	-	140	265
Angola	-	-	0	-	-	13	278
Ecuador	0	-1	0	-1	0	-61	124
Iran	-	-	-	-	-	-	-
Iraq	-	0	0	0	-	0	446
Kuwait	-	0	0	0	-	1	324
Libya	-	-	-	0	-	0	61
Nigeria	0	-	0	-2	-	16	411
Qatar	0	-1	0	5	-	5	5
Saudi Arabia	0	-1	-	-1	0	3	1,455
United Arab Emirates	0	-1	0	-1	0	0	0
Venezuela	0	-2	0	0	0	0	845
Non-OPEC	-1	-488	-2	-46	-4	-1,049	3,525
Argentina	0	2	0	-1	0	-58	-35
Aruba	-	-	0	0	-	16	16
Australia	0	-8	0	-1	0	-10	-7
Bahamas	-	-	0	0	0	-28	-28
Bahrain	0	-1	-	2	-	1	1
Belgium	0	-7	0	-4	0	25	25
Brazil	0	-35	-2	-8	0	-126	132
Brunei	-	-	-	0	-	0	0
Cameroon	-	-	-	0	-	3	47
Canada	-2	-24	16	-9	0	195	2,590
Chad	-	-	-	-	-	0	16
China	1	-74	-1	-1	0	-83	-82
Colombia	0	0	0	-3	0	-39	384
Denmark	0	-3	0	0	0	-2	-2
Dominican Republic	0	-2	-2	-1	0	-37	-37
Equatorial Guinea	-	0	-	0	-	0	39
Estonia	-	-	-	0	-	22	22
Finland	-	-1	0	0	0	17	17
France	0	-4	0	-1	0	-48	-48
Gabon	-	-	0	0	-	1	32
Germany	0	-3	0	-1	0	-10	-10
Guatemala	0	-3	0	-1	0	-53	-42
Honduras	0	-2	0	0	-	-48	-48
India	0	-33	0	-1	0	5	5
Indonesia	0	0	0	1	0	0	4
Italy	0	-26	0	-1	0	7	8
Japan	0	-57	0	-1	0	-77	-77
Korea, South	0	-15	0	12	0	27	27
Latvia	-	-	-	0	0	11	11
Lithuania	-	-	0	0	-	1	1
Malaysia	0	0	0	0	0	1	1
Mexico	-1	-46	-4	-11	-1	-452	502
Netherlands	0	-9	-1	0	0	-113	-113
Netherlands Antilles	-	-	-	-	-	1	1
Norway	0	-3	0	0	-	43	73
Oman	-	0	-	0	-	-3	5
Panama	0	-1	-1	-1	0	-125	-125
Portugal	0	-5	-	0	-	8	8
Puerto Rico	0	0	-2	0	0	-3	-3
Russia	0	-	0	0	-	348	468
Spain	0	-20	0	0	0	-15	-15
Sweden	0	-2	-	0	0	9	9
Trinidad and Tobago	0	0	0	-2	0	37	67
United Kingdom	0	-7	0	0	0	103	126
Vietnam	0	0	0	0	0	0	7
Virgin Islands, U.S.	-	2	0	0	-	4	4
Yemen	-	-	-	0	-	0	0
Other	1	-101	-5	-13	-3	-604	-451
Total	-1	-492	-2	-47	-4	-933	7,740
Persian Gulf⁴	0	-3	0	5	0	10	2,232

- = No Data Reported.

¹ 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.

² Exports include industrial alcohol.

³ 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.

⁴ 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, July 2012
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil	10,097	106,359	878,292	16,428	54,606	1,065,782
Refinery	8,939	11,267	45,939	2,134	24,188	92,467
Tank Farms and Pipelines (Includes Cushing, OK)	1,051	91,510	118,381	11,155	25,763	247,860
Cushing, Oklahoma	-	45,120	-	-	-	45,120
Leases	107	3,582	18,022	3,139	679	25,529
Strategic Petroleum Reserve ¹	-	-	695,950	-	-	695,950
Alaskan In Transit	-	-	-	-	3,976	3,976
Total Stocks, All Oils (excluding Crude Oil)²	144,762	173,905	320,430	17,121	87,362	743,580
Refinery	22,977	47,435	121,066	9,955	51,850	253,283
Bulk Terminal	94,175	91,798	144,390	4,454	30,984	365,801
Pipeline	27,559	33,508	49,480	2,562	4,307	117,416
Natural Gas Processing Plant	51	1,164	5,494	150	221	7,080
Pentanes Plus	44	7,355	9,037	193	145	16,774
Refinery	-	447	476	27	1	951
Bulk Terminal	36	1,854	6,220	5	90	8,205
Pipeline	-	4,751	1,696	115	-	6,562
Natural Gas Processing Plant	8	303	645	46	54	1,056
Liquefied Petroleum Gases	8,466	46,400	96,669	1,210	6,501	159,246
Refinery	2,017	5,152	9,354	381	2,246	19,150
Bulk Terminal	5,976	33,824	73,813	6	4,088	117,707
Pipeline	430	6,563	8,653	719	-	16,365
Natural Gas Processing Plant	43	861	4,849	104	167	6,024
Ethane/Ethylene	-	3,422	28,755	398	-	32,575
Refinery	-	-	178	-	-	178
Bulk Terminal	-	1,527	23,456	-	-	24,983
Ethylene	-	-	762	-	-	762
Pipeline	-	1,748	3,432	395	-	5,575
Natural Gas Processing Plant	-	147	1,689	3	-	1,839
Propane/Propylene	6,039	26,665	33,920	352	2,089	69,065
Refinery	322	2,475	1,885	90	172	4,944
Bulk Terminal	5,250	20,643	27,049	4	1,887	54,833
Nonfuel Use	-	43	4,770	-	-	4,813
Pipeline	430	3,209	3,814	198	-	7,651
Natural Gas Processing Plant	37	338	1,172	60	30	1,637
Normal Butane/Butylene	2,016	14,452	28,862	303	3,700	49,333
Refinery	1,285	2,282	6,107	190	1,495	11,359
Bulk Terminal	726	10,958	20,205	2	2,148	34,039
Refinery Grade Butane	-	6,754	5,357	-	-	12,111
Pipeline	-	966	1,026	77	-	2,069
Natural Gas Processing Plant	5	246	1,524	34	57	1,866
Isobutane/Isobutylene	411	1,861	5,132	157	712	8,273
Refinery	410	395	1,184	101	579	2,669
Bulk Terminal	-	696	3,103	-	53	3,852
Pipeline	-	640	381	49	-	1,070
Natural Gas Processing Plant	1	130	464	7	80	682
Other Hydrocarbons	-	37	-	-	-	37
Refinery	-	37	-	-	-	37
Oxygenates (excluding Fuel Ethanol)	-	-	796	-	-	796
Refinery	-	-	114	-	-	114
Bulk Terminal	-	-	682	-	-	682
Pipeline	-	-	-	-	-	-
MTBE	-	-	613	-	-	613
Refinery	-	-	114	-	-	114
Bulk Terminal ³	-	-	499	-	-	499
Pipeline	-	-	-	-	-	-
Other Oxygenates⁴	-	-	183	-	-	183
Refinery	-	-	-	-	-	-
Bulk Terminal	-	-	183	-	-	183
Pipeline	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol)	7,891	7,654	4,080	318	2,683	22,626
Refinery	239	109	140	98	36	622
Bulk Terminal	7,652	7,545	3,939	220	2,647	22,003
Pipeline	-	-	1	-	-	1
Fuel Ethanol	7,452	6,938	3,157	315	2,511	20,373
Refinery	237	58	121	97	35	548
Bulk Terminal	7,215	6,880	3,035	218	2,476	19,824
Pipeline	-	-	1	-	-	1
Renewable Diesel Fuel	439	716	923	3	172	2,253
Refinery	2	51	19	1	1	74
Bulk Terminal	437	665	904	2	171	2,179
Pipeline	-	-	-	-	-	-
Other Renewable Fuels	-	-	-	-	-	-
Refinery	-	-	-	-	-	-
Bulk Terminal	-	-	-	-	-	-
Pipeline	-	-	-	-	-	-

See footnotes at end of table.

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

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Unfinished Oils	6,826	12,795	43,528	2,876	18,666	84,691
Naphthas and Lighter	1,327	3,471	10,629	580	4,745	20,752
Refinery	1,282	3,398	10,238	580	4,613	20,111
Bulk Terminal	45	73	391	—	132	641
Kerosene and Light Gas Oils	571	2,550	8,344	460	2,818	14,743
Refinery	547	2,434	8,248	460	2,818	14,507
Bulk Terminal	24	116	96	—	—	236
Heavy Gas Oils	2,830	4,211	18,240	1,354	8,682	35,317
Refinery	2,287	4,039	16,651	1,354	8,682	33,013
Bulk Terminal	543	172	1,589	—	—	2,304
Residuum	2,098	2,563	6,315	482	2,421	13,879
Refinery	1,465	2,563	6,315	482	2,421	13,246
Bulk Terminal	633	—	—	—	—	633
Motor Gasoline Blending Components	44,018	27,857	58,297	2,756	23,304	156,232
Refinery	6,552	9,935	25,957	1,893	12,956	57,293
Bulk Terminal	27,133	11,107	16,610	723	8,403	63,976
Pipeline	10,333	6,815	15,730	140	1,945	34,963
Reformulated - RBOB	14,525	5,731	11,363	—	11,535	43,154
Refinery	2,565	1,075	2,345	—	4,940	10,925
Bulk Terminal	7,537	3,321	3,919	—	5,424	20,201
Pipeline	4,423	1,335	5,099	—	1,171	12,028
Conventional	29,493	22,126	46,934	2,756	11,769	113,078
Refinery	3,987	8,860	23,612	1,893	8,016	46,368
Bulk Terminal	19,596	7,786	12,691	723	2,979	43,775
Pipeline	5,910	5,480	10,631	140	774	22,935
CBOB	21,755	13,928	24,969	1,132	4,639	66,423
Refinery	606	3,298	9,799	463	1,209	15,375
Bulk Terminal	15,332	6,788	5,847	529	2,676	31,172
Pipeline	5,817	3,842	9,323	140	754	19,876
GTAB	143	—	—	—	—	143
Refinery	—	—	—	—	—	—
Bulk Terminal	143	—	—	—	—	143
Pipeline	—	—	—	—	—	—
Other	7,595	8,198	21,965	1,624	7,130	46,512
Refinery	3,381	5,562	13,813	1,430	6,807	30,993
Bulk Terminal	4,121	998	6,844	194	303	12,460
Pipeline	93	1,638	1,308	—	20	3,059
Aviation Gasoline Blending Components	—	3	9	—	—	12
Refinery	—	3	9	—	—	12
Bulk Terminal	—	—	—	—	—	—
Finished Motor Gasoline	7,738	22,322	15,587	3,630	3,994	53,271
Refinery	572	3,090	4,628	1,606	1,682	11,578
Bulk Terminal	3,367	12,213	6,049	1,315	2,149	25,093
Pipeline	3,799	7,019	4,910	709	163	16,600
Reformulated	6	—	113	—	14	133
Refinery	—	—	113	—	14	127
Bulk Terminal	6	—	—	—	—	6
Pipeline	—	—	—	—	—	—
Reformulated (Blended with Fuel Ethanol)	6	—	—	—	14	20
Refinery	—	—	—	—	14	14
Bulk Terminal	6	—	—	—	—	6
Pipeline	—	—	—	—	—	—
Reformulated (Other)	—	—	113	—	—	113
Refinery	—	—	113	—	—	113
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional	7,732	22,322	15,474	3,630	3,980	53,138
Refinery	572	3,090	4,515	1,606	1,668	11,451
Bulk Terminal	3,361	12,213	6,049	1,315	2,149	25,087
Pipeline	3,799	7,019	4,910	709	163	16,600
Conventional (Blended with Fuel Ethanol)	32	135	111	39	—	317
Refinery	—	—	—	39	—	39
Bulk Terminal	32	135	111	—	—	278
Pipeline	—	—	—	—	—	—
Ed55 and Lower	32	135	111	39	—	317
Refinery	—	—	—	39	—	39
Bulk Terminal	32	135	111	—	—	278
Pipeline	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional (Other)	7,700	22,187	15,363	3,591	3,980	52,821
Refinery	572	3,090	4,515	1,567	1,668	11,412
Bulk Terminal	3,329	12,078	5,938	1,315	2,149	24,809
Pipeline	3,799	7,019	4,910	709	163	16,600

See footnotes at end of table.

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

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Finished Aviation Gasoline	107	131	486	15	221	960
Refinery	—	50	389	15	77	531
Bulk Terminal	107	81	97	—	144	429
Pipeline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	10,056	6,671	13,718	636	8,938	40,019
Refinery	518	2,022	5,846	329	4,081	12,796
Bulk Terminal	4,312	2,728	2,272	246	3,986	13,544
Pipeline	5,226	1,921	5,600	61	871	13,679
Kerosene	1,222	152	183	2	58	1,617
Refinery	156	105	26	2	23	312
Bulk Terminal	1,061	47	157	—	35	1,300
Pipeline	5	—	—	—	—	5
Distillate Fuel Oil²	42,035	27,949	40,065	3,353	13,160	126,562
Refinery	4,797	6,083	13,957	1,497	5,796	32,130
Bulk Terminal	29,472	15,427	13,223	1,038	6,037	65,197
Pipeline	7,766	6,439	12,885	818	1,327	29,235
15 ppm sulfur and Under	22,711	26,170	31,496	3,136	11,369	94,882
Refinery	1,910	5,240	10,808	1,319	4,629	23,906
Bulk Terminal	15,421	14,992	9,602	1,001	5,419	46,435
Pipeline	5,380	5,938	11,086	816	1,321	24,541
Greater than 15 ppm to 500 ppm sulfur	1,053	1,047	2,487	118	626	5,331
Refinery	232	181	1,143	79	370	2,005
Bulk Terminal	664	367	866	2	256	2,190
Pipeline	157	499	478	7	—	1,136
Greater than 500 ppm sulfur	18,271	732	6,082	99	1,165	26,349
Refinery	2,655	662	2,006	99	797	6,219
Bulk Terminal	13,387	68	2,755	—	362	16,572
Pipeline	2,229	2	1,321	—	6	3,558
Residual Fuel Oil⁵	9,687	1,426	19,430	198	5,159	35,900
Refinery	628	1,051	4,411	198	3,193	9,481
Bulk Terminal	9,059	375	15,019	—	1,965	26,418
Pipeline	—	—	—	—	1	1
Less than 0.31% Sulfur	1,191	114	1,364	17	365	3,051
Refinery	189	—	150	17	108	464
Bulk Terminal	1,002	114	1,214	—	257	2,587
0.31% to 1.00% Sulfur	3,526	269	2,713	23	871	7,402
Refinery	196	127	362	23	668	1,376
Bulk Terminal	3,330	142	2,351	—	203	6,026
Greater than 1.00% Percent Sulfur	4,970	1,043	15,353	158	3,922	25,446
Refinery	243	924	3,899	158	2,417	7,641
Bulk Terminal	4,727	119	11,454	—	1,505	17,805
Petrochemical Feedstocks	113	653	2,041	—	2	2,809
Refinery	113	653	2,041	—	2	2,809
Naphtha for Petrochemical Feedstock Use	113	530	1,288	—	2	1,933
Other Oils for Petrochemical Feedstock Use	—	123	753	—	—	876
Special Naphthas	40	112	1,135	—	14	1,301
Refinery	24	51	899	—	14	988
Bulk Terminal	16	61	236	—	—	313
Lubricants	976	817	6,765	1	1,211	9,770
Refinery	540	295	4,780	1	958	6,574
Bulk Terminal	436	522	1,985	—	253	3,196
Waxes	116	38	397	—	—	551
Refinery	116	38	397	—	—	551
Petroleum Coke	—	1,272	3,539	68	1,377	6,256
Refinery	—	1,272	3,539	68	1,377	6,256
Asphalt and Road Oil	5,392	10,158	4,341	1,849	1,850	23,590
Refinery	1,089	4,505	2,329	948	795	9,666
Bulk Terminal	4,303	5,653	2,012	901	1,055	13,924
Miscellaneous Products	35	103	327	16	79	560
Refinery	35	103	322	16	79	555
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	5	—	—	5
Total Stocks, All Oils	154,859	280,264	1,198,722	33,549	141,968	1,809,362

— = No Data Reported.

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

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

Includes stocks held at fuel ethanol production facilities.

³ Includes stocks held by merchant producers.

⁴ 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).

⁵ 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, July 2012
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
PAD District 1	6	3,933	3,939	10,102	23,583	33,685	1,217
Connecticut	—	—	—	602	—	602	7
Delaware	—	—	—	665	656	1,321	135
District of Columbia	—	—	—	—	—	—	—
Florida	—	852	852	—	5,181	5,181	—
Georgia	—	244	244	—	2,357	2,357	21
Maine	—	229	229	—	569	569	56
Maryland	—	—	—	816	26	842	88
Massachusetts	4	—	4	1,132	—	1,132	11
New Hampshire	—	—	—	—	—	—	—
New Jersey	—	279	279	3,547	6,226	9,773	99
New York	2	566	568	430	1,111	1,541	399
North Carolina	—	450	450	—	2,164	2,164	254
Pennsylvania	—	675	675	1,418	3,277	4,695	43
Rhode Island	—	—	—	226	—	226	—
South Carolina	—	317	317	—	1,131	1,131	58
Vermont	—	32	32	—	—	—	4
Virginia	—	236	236	1,266	730	1,996	42
West Virginia	—	53	53	—	155	155	—
PAD District 2	—	15,303	15,303	4,396	16,646	21,042	152
Illinois	—	1,139	1,139	2,259	3,446	5,705	108
Indiana	—	1,088	1,088	734	2,725	3,459	—
Iowa	—	1,115	1,115	—	32	32	—
Kansas	—	2,874	2,874	—	432	432	11
Kentucky	—	337	337	665	978	1,643	6
Michigan	—	1,366	1,366	50	1,598	1,648	—
Minnesota	—	986	986	31	1,240	1,271	—
Missouri	—	736	736	227	115	342	—
Nebraska	—	520	520	—	33	33	—
North Dakota	—	414	414	—	420	420	—
Ohio	—	1,627	1,627	58	2,687	2,745	—
Oklahoma	—	2,061	2,061	—	599	599	3
South Dakota	—	301	301	—	—	—	—
Tennessee	—	440	440	—	1,590	1,590	24
Wisconsin	—	299	299	372	751	1,123	—
PAD District 3	113	10,564	10,677	6,264	36,303	42,567	183
Alabama	—	254	254	—	1,151	1,151	6
Arkansas	—	613	613	—	285	285	—
Louisiana	—	1,283	1,283	609	9,498	10,107	1
Mississippi	—	1,095	1,095	—	1,447	1,447	—
New Mexico	—	244	244	—	391	391	—
Texas	113	7,075	7,188	5,655	23,531	29,186	176
PAD District 4	—	2,921	2,921	—	2,616	2,616	2
Colorado	—	684	684	—	745	745	—
Idaho	—	283	283	—	97	97	—
Montana	—	878	878	—	479	479	—
Utah	—	665	665	—	729	729	2
Wyoming	—	411	411	—	566	566	—
PAD District 5	14	3,817	3,831	10,364	10,995	21,359	58
Alaska	—	885	885	—	—	—	35
Arizona	—	116	116	641	317	958	—
California	14	659	673	9,549	6,283	15,832	23
Hawaii	—	12	12	—	831	831	—
Nevada	—	504	504	22	114	136	—
Oregon	—	146	146	—	1,065	1,065	—
Washington	—	1,495	1,495	152	2,385	2,537	—
U.S. Total	133	36,538	36,671	31,126	90,143	121,269	1,612

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, July 2012
(Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil ¹				Residual Fuel Oil	Propane/ Propylene
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
PAD District 1	17,331	896	16,042	34,269	9,687	5,609
Connecticut	604	4	2,172	2,780	34	—
Delaware	184	110	126	420	383	17
District of Columbia	—	—	—	—	—	—
Florida	1,987	154	50	2,191	1,633	565
Georgia	1,163	—	—	1,163	565	14
Maine	298	15	559	872	206	—
Maryland	501	1	1,080	1,582	398	4
Massachusetts	611	1	848	1,460	92	—
New Hampshire	51	—	235	286	49	411
New Jersey	3,840	97	7,061	10,998	2,781	218
New York	2,057	215	920	3,192	2,242	1,512
North Carolina	1,166	57	23	1,246	—	438
Pennsylvania	2,090	92	1,116	3,298	501	719
Rhode Island	245	—	1,529	1,774	56	416
South Carolina	651	25	—	676	346	819
Vermont	13	—	19	32	—	—
Virginia	1,719	110	304	2,133	401	458
West Virginia	151	15	—	166	—	18
PAD District 2	20,232	548	730	21,510	1,426	23,456
Illinois	2,938	82	—	3,020	410	1,053
Indiana	2,683	—	101	2,784	117	353
Iowa	1,345	26	—	1,371	38	418
Kansas	1,750	—	158	1,908	46	15,889
Kentucky	818	53	—	871	122	343
Michigan	1,428	—	—	1,428	144	3,717
Minnesota	1,562	7	66	1,635	135	294
Missouri	547	53	5	605	—	73
Nebraska	642	—	—	642	—	313
North Dakota	501	87	—	588	35	66
Ohio	2,030	67	97	2,194	155	765
Oklahoma	1,355	34	193	1,582	72	119
South Dakota	480	—	—	480	1	17
Tennessee	969	81	—	1,050	101	5
Wisconsin	1,184	58	110	1,352	50	31
PAD District 3	20,410	2,009	4,761	27,180	19,430	30,106
Alabama	761	46	42	849	674	18
Arkansas	771	—	22	793	—	59
Louisiana	4,076	601	1,132	5,809	8,925	2,476
Mississippi	849	449	318	1,616	32	3,189
New Mexico	381	—	76	457	75	22
Texas	13,572	913	3,171	17,656	9,724	24,342
PAD District 4	2,320	116	99	2,535	198	154
Colorado	474	—	—	474	23	20
Idaho	155	—	—	155	—	—
Montana	848	45	—	893	78	32
Utah	466	13	99	578	48	40
Wyoming	377	58	—	435	49	62
PAD District 5	10,048	626	1,159	11,833	5,158	2,089
Alaska	1,299	3	179	1,481	358	2
Arizona	398	11	—	409	—	1,474
California	5,570	129	487	6,186	2,462	484
Hawaii	193	3	350	546	995	85
Nevada	239	—	5	244	—	1
Oregon	696	107	48	851	254	—
Washington	1,653	373	90	2,116	1,089	43
U.S. Total	70,341	4,195	22,791	97,327	35,899	61,414

— = No Data Reported.

¹ 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, July 2012
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	20	1,157	0	423	10,109	3,031	0	636	25,940
Petroleum Products	9,367	35	0	2,001	16,249	2,702	0	100,500	24,580
Pentanes Plus	0	0	-	-	480	0	-	-	2,487
Liquefied Petroleum Gases	0	0	-	568	10,007	0	-	937	3,561
Unfinished Oils	46	0	-	0	331	-	-	0	608
Motor Gasoline Blending Components	5,690	0	0	511	355	371	0	47,110	7,920
Reformulated - RBOB	0	0	0	63	279	-	0	8,425	2,706
Conventional	5,690	0	0	448	76	371	0	38,685	5,214
CBOB	5,670	0	0	448	0	371	0	37,833	3,661
GTAB	-	-	-	-	-	-	-	-	-
Other	20	0	-	0	76	-	-	852	1,553
Renewable Fuels	0	0	-	23	299	-	-	25	0
Fuel Ethanol	0	0	-	23	299	-	-	25	0
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Renewable Fuels	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	779	0	0	161	969	1,067	0	9,823	4,449
Reformulated	-	0	-	0	0	-	-	80	-
Reformulated Blended with Fuel Ethanol	-	0	-	0	0	-	-	80	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	779	0	0	161	969	1,067	0	9,743	4,449
Conventional Blended with Fuel Ethanol	0	0	-	-	108	-	-	-	0
Ed55 and Lower	0	0	-	-	108	-	-	-	0
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	779	0	0	161	861	1,067	0	9,743	4,449
Finished Aviation Gasoline	-	0	-	0	0	-	-	215	-
Kerosene-Type Jet Fuel	231	0	0	156	18	792	0	15,097	1,259
Kerosene	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil	2,570	0	0	481	2,466	472	0	26,324	3,741
15 ppm sulfur and under	2,455	0	0	407	598	472	0	21,435	3,651
Greater than 15 ppm to 500 ppm sulfur	115	0	-	74	1,868	-	-	327	90
Greater than 500 ppm sulfur	-	0	-	0	0	-	-	4,562	-
Residual Fuel Oil	0	0	-	6	857	-	-	0	0
Petrochemical Feedstocks	45	0	-	0	403	-	-	32	46
Naphtha for Petrochemical Feedstock Use	0	0	-	0	381	-	-	32	46
Other Oils for Petrochemical Feedstock Use	45	0	-	0	22	-	-	0	0
Special Naphthas	0	0	-	-	0	-	-	-	17
Lubricants	6	35	0	0	0	-	0	565	440
Waxes	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil	0	0	-	95	64	-	-	372	52
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	9,387	1,192	0	2,424	26,358	5,733	0	101,136	50,520

See footnotes at end of table.

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

Commodity	From 3 to		From 4 to			From 5 to			
	4	5	2	3	5	1	2	3	4
Crude Oil	0	0	7,018	0	0	0	0	0	0
Petroleum Products	0	4,641	5,444	5,126	1,079	0	0	215	0
Pentanes Plus	0	—	472	690	—	—	0	0	0
Liquefied Petroleum Gases	0	—	3,898	4,436	—	0	0	0	0
Unfinished Oils	—	—	0	0	—	0	0	0	—
Motor Gasoline Blending Components	0	3,336	15	0	0	0	0	0	0
Reformulated - RBOB	—	2,078	0	0	0	0	0	0	—
Conventional	0	1,258	15	0	0	0	0	0	0
CBOB	0	1,258	15	0	0	0	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	—	—	0	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	121	572	0	844	0	0	0	0
Reformulated	—	—	—	0	—	0	—	0	—
Reformulated Blended with Fuel Ethanol	—	—	—	0	—	0	—	0	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	0	121	572	0	844	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	121	572	0	844	0	0	0	0
Finished Aviation Gasoline	—	—	—	0	—	0	—	0	—
Kerosene-Type Jet Fuel	0	348	36	0	0	0	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	0	835	451	0	235	0	0	0	0
15 ppm sulfur and under	0	835	451	0	235	0	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	0	0	—	0	0	0	—
Greater than 500 ppm sulfur	—	—	—	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	0	0	—
Special Naphthas	—	—	0	0	—	—	0	0	—
Lubricants	—	1	0	0	0	0	0	215	—
Waxes	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	—	—	0	0	—	0	0	0	—
Miscellaneous Products	—	—	—	—	—	—	—	—	—
Total	0	4,641	12,462	5,126	1,079	0	0	215	0

— = 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, July 2012
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	0	514	176	8,079	3,031	636	25,940	0	-
Petroleum Products	9,214	0	1,127	11,844	2,702	80,988	22,966	0	4,640
Pentanes Plus	0	0	-	480	0	-	2,487	0	-
Liquefied Petroleum Gases	0	0	568	10,007	0	937	3,561	0	-
Motor Gasoline Blending Components	5,670	0	66	279	371	38,209	7,870	0	3,336
Reformulated - RBOB	0	0	0	279	-	8,159	2,706	-	2,078
Conventional	5,670	0	66	0	371	30,050	5,164	0	1,258
CBOB	5,670	0	66	0	371	29,958	3,611	0	1,258
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	92	1,553	-	-
Renewable Fuels	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Renewable Fuels	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	779	0	130	554	1,067	5,825	4,325	0	121
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	779	0	130	554	1,067	5,825	4,325	0	121
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	779	0	130	554	1,067	5,825	4,325	0	121
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	231	0	156	18	792	12,903	1,259	0	348
Kerosene	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil	2,534	0	207	506	472	23,114	3,464	0	835
15 ppm sulfur and under	2,439	0	133	506	472	18,295	3,464	0	835
Greater than 15 ppm to 500 ppm sulfur	95	0	74	0	-	257	0	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	4,562	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	9,214	514	1,303	19,923	5,733	81,624	48,906	0	4,640

See footnotes at end of table.

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

Commodity	From 4 to			From 5 to	
	2	3	5	3	4
Crude Oil	7,018	0	-	0	0
Petroleum Products	5,444	5,126	1,079	0	0
Pentanes Plus	472	690	-	0	0
Liquefied Petroleum Gases	3,898	4,436	-	0	0
Motor Gasoline Blending Components	15	0	0	0	0
Reformulated - RBOB	0	0	0	0	-
Conventional	15	0	0	0	0
CBOB	15	0	0	0	0
GTAB	-	-	-	-	-
Other	0	0	-	0	-
Renewable Fuels	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-
Other Renewable Fuels	-	-	-	-	-
Finished Motor Gasoline	572	0	844	0	0
Reformulated	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-
Reformulated Other	-	-	-	-	-
Conventional	572	0	844	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-
Greater than Ed55	-	-	-	-	-
Conventional Other	572	0	844	0	0
Finished Aviation Gasoline	-	-	-	-	-
Kerosene-Type Jet Fuel	36	0	0	0	0
Kerosene	-	-	-	-	-
Distillate Fuel Oil	451	0	235	0	0
15 ppm sulfur and under	451	0	235	0	0
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	-
Greater than 500 ppm sulfur	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-
Total	12,462	5,126	1,079	0	0

- = 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, July 2012
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
Crude Oil	20	643	-	247	2,030	-
Petroleum Products	153	35	0	874	4,405	0
Liquefied Petroleum Gases	-	-	-	-	-	-
Unfinished Oils	46	0	-	0	331	-
Motor Gasoline Blending Components	20	0	-	445	76	-
Reformulated - RBOB	0	0	-	63	0	-
Conventional	20	0	-	382	76	-
CBOB	0	0	-	382	0	-
GTAB	-	-	-	-	-	-
Other	20	0	-	0	76	-
Renewable Fuels	0	0	-	23	299	-
Fuel Ethanol	0	0	-	23	299	-
Renewable Diesel Fuel	-	-	-	-	-	-
Other Renewable Fuels	-	-	-	-	-	-
Finished Motor Gasoline	0	0	-	31	415	-
Reformulated	-	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	-	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	0	-	31	415	-
Conventional Blended with Fuel Ethanol	0	0	-	-	108	-
Ed55 and Lower	0	0	-	-	108	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	0	-	31	307	-
Finished Aviation Gasoline	-	0	-	0	0	-
Kerosene-Type Jet Fuel	-	0	-	0	0	-
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	36	0	-	274	1,960	-
15 ppm sulfur and under	16	0	-	274	92	-
Greater than 15 ppm to 500 ppm sulfur	20	0	-	0	1,868	-
Greater than 500 ppm sulfur	-	-	-	-	-	-
Residual Fuel Oil	0	0	-	6	857	-
Less than 0.31 percent sulfur	-	-	-	-	-	-
0.31 to 1.00 percent sulfur	-	-	-	-	-	-
Greater than 1.00 percent sulfur	0	0	-	6	857	-
Petrochemical Feedstocks	45	0	-	0	403	-
Naphtha for Petrochemical Feedstock Use	0	0	-	0	381	-
Other Oils for Petrochemical Feedstock Use	45	0	-	0	22	-
Special Naphthas	0	0	-	-	0	-
Lubricants	6	35	0	0	0	0
Waxes	-	-	-	-	-	-
Asphalt and Road Oil	0	0	-	95	64	-
Miscellaneous Products	-	-	-	-	-	-
Total	173	678	0	1,121	6,435	0

See footnotes at end of table.

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

Commodity	From 3 to						From 5 to		
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
Crude Oil	0	—	—	—	0	—	0	0	0
Petroleum Products	19,512	—	1,364	18,148	1,614	1	0	0	215
Liquefied Petroleum Gases	—	—	—	—	—	—	—	—	—
Unfinished Oils	0	—	—	—	608	—	0	0	0
Motor Gasoline Blending Components	8,901	—	1,026	7,875	50	—	0	0	0
Reformulated - RBOB	266	—	266	—	0	—	0	0	0
Conventional	8,635	—	760	7,875	50	—	0	0	0
CBOB	7,875	—	—	7,875	50	—	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	760	—	760	—	0	—	0	0	0
Renewable Fuels	25	—	—	25	0	—	0	0	0
Fuel Ethanol	25	—	—	25	0	—	0	0	0
Renewable Diesel Fuel	—	—	—	—	—	—	—	—	—
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	3,998	—	—	3,998	124	—	0	0	0
Reformulated	80	—	—	80	—	—	0	—	0
Reformulated Blended with Fuel Ethanol	80	—	—	80	—	—	0	—	0
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	3,918	—	—	3,918	124	—	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	0	—	—	0	0
Ed55 and Lower	—	—	—	—	0	—	—	0	0
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	3,918	—	—	3,918	124	—	0	0	0
Finished Aviation Gasoline	215	—	—	215	—	—	0	—	0
Kerosene-Type Jet Fuel	2,194	—	—	2,194	—	—	0	—	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	3,210	—	—	3,210	277	—	0	0	0
15 ppm sulfur and under	3,140	—	—	3,140	187	—	0	0	0
Greater than 15 ppm to 500 ppm sulfur	70	—	—	70	90	—	0	0	0
Greater than 500 ppm sulfur	—	—	—	—	—	—	—	—	—
Residual Fuel Oil	0	—	—	—	0	—	0	0	0
Less than 0.31 percent sulfur	—	—	—	—	—	—	—	—	—
0.31 to 1.00 percent sulfur	—	—	—	—	—	—	—	—	—
Greater than 1.00 percent sulfur	0	—	—	—	0	—	0	0	0
Petrochemical Feedstocks	32	—	—	32	46	—	0	0	0
Naphtha for Petrochemical Feedstock Use	32	—	—	32	46	—	0	0	0
Other Oils for Petrochemical Feedstock Use	0	—	—	—	0	—	0	0	0
Special Naphthas	—	—	—	—	17	—	—	0	0
Lubricants	565	—	338	227	440	1	0	0	215
Waxes	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	372	—	—	372	52	—	0	0	0
Miscellaneous Products	—	—	—	—	—	—	—	—	—
Total	19,512	—	1,364	18,148	1,614	1	0	0	215

— = 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, July 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
Crude Oil	1,059	1,177	-118	32,978	13,563	19,415	11,266	26,576	-15,310
Petroleum Products	102,501	9,402	101,294	39,391	20,952	2,507	21,625	129,721	-104,893
Pentanes Plus	0	0	-	2,959	480	2,479	1,170	2,487	-1,317
Liquefied Petroleum Gases	1,505	0	1,505	7,459	10,575	-3,116	14,443	4,498	9,945
Ethane/Ethylene	0	0	-	3,139	6,040	-2,901	8,445	1,026	7,419
Propane/Propylene	1,505	0	1,505	2,961	3,064	-103	3,755	2,766	989
Normal Butane/Butylene	0	0	-	851	1,161	-310	1,574	475	1,099
Isobutane/Isobutylene	0	0	-	508	310	198	669	231	438
Unfinished Oils	0	46	-46	654	331	323	331	608	-277
Motor Gasoline Blending Components	47,621	5,690	41,931	13,625	1,237	12,388	355	58,366	-58,011
Reformulated - RBOB	8,488	0	8,488	2,706	342	2,364	279	13,209	-12,930
Conventional	39,133	5,690	33,443	10,919	895	10,024	76	45,157	-45,081
CBOB	38,281	5,670	32,611	9,346	819	8,527	0	42,752	-42,752
GTAB	0	0	-	0	0	-	0	0	-
Other	852	20	832	1,573	76	1,497	76	2,405	-2,329
Renewable Fuels	48	0	8,243	0	322	-16,254	299	25	3,477
Fuel Ethanol	48	0	8,036	0	322	-15,728	299	25	3,525
Renewable Diesel Fuel	0	0	207	0	0	-527	0	0	-47
Other Renewable Fuels	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	9,984	779	9,205	5,800	2,197	3,603	969	14,393	-13,424
Reformulated	80	0	80	0	0	-	0	80	-80
Reformulated Blended with Fuel Ethanol	80	0	80	0	0	-	0	80	-80
Reformulated Other	0	0	-	0	0	-	0	0	-
Conventional	9,904	779	9,125	5,800	2,197	3,603	969	14,313	-13,344
Conventional Blended with Fuel Ethanol	0	0	-	0	108	-108	108	0	108
Ed55 and Lower	0	0	-	0	108	-108	108	0	108
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	9,904	779	9,125	5,800	2,089	3,711	861	14,313	-13,452
Finished Aviation Gasoline	215	0	215	0	0	-	0	215	-215
Kerosene-Type Jet Fuel	15,253	231	15,022	1,526	966	560	18	16,704	-16,686
Kerosene	0	0	-	0	0	-	0	0	-
Distillate Fuel Oil	26,805	2,570	24,235	6,762	3,419	3,343	2,466	30,900	-28,434
15 ppm sulfur and under	21,842	2,455	19,387	6,557	1,477	5,080	598	25,921	-25,323
Greater than 15 ppm to 500 ppm sulfur	401	115	286	205	1,942	-1,737	1,868	417	1,451
Greater than 500 ppm sulfur	4,562	0	4,562	0	0	-	0	4,562	-4,562
Residual Fuel Oil	6	0	6	0	863	-863	857	0	857
Petrochemical Feedstocks	32	45	-13	91	403	-312	403	78	325
Naphtha for Petrochemical Feedstock Use	32	0	32	46	381	-335	381	78	303
Other Oils for Petrochemical Feedstock Use	0	45	-45	45	22	23	22	0	22
Special Naphthas	0	0	-	17	0	17	0	17	-17
Lubricants	565	41	524	446	0	446	250	1,006	-756
Waxes	0	0	-	0	0	-	0	0	-
Asphalt and Road Oil	467	0	467	52	159	-107	64	424	-360
Miscellaneous Products	0	0	-	0	0	-	0	0	-
Total	103,560	10,579	101,176	72,369	34,515	21,922	32,891	156,297	-120,203

See footnotes at end of table.

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

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	3,031	7,018	-3,987	0	0	-
Petroleum Products	2,702	11,649	-8,564	5,720	215	9,657
Pentanes Plus	0	1,162	-1,162	0	0	-
Liquefied Petroleum Gases	0	8,334	-8,334	0	0	-
Ethane/Ethylene	0	4,518	-4,518	0	0	-
Propane/Propylene	0	2,391	-2,391	0	0	-
Normal Butane/Butylene	0	789	-789	0	0	-
Isobutane/Isobutylene	0	636	-636	0	0	-
Unfinished Oils	0	0	-	0	0	-
Motor Gasoline Blending Components	371	15	356	3,336	0	3,336
Reformulated - RBOB	0	0	-	2,078	0	2,078
Conventional	371	15	356	1,258	0	1,258
CBOB	371	15	356	1,258	0	1,258
GTAB	0	0	-	0	0	-
Other	0	0	-	0	0	-
Renewable Fuels	0	0	383	0	0	4,152
Fuel Ethanol	0	0	347	0	0	3,820
Renewable Diesel Fuel	0	0	36	0	0	332
Other Renewable Fuels	-	-	-	-	-	-
Finished Motor Gasoline	1,067	1,416	-349	965	0	965
Reformulated	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-
Reformulated Other	0	0	-	0	0	-
Conventional	1,067	1,416	-349	965	0	965
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	1,067	1,416	-349	965	0	965
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	792	36	756	348	0	348
Kerosene	0	0	-	0	0	-
Distillate Fuel Oil	472	686	-214	1,070	0	1,070
15 ppm sulfur and under	472	686	-214	1,070	0	1,070
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	0	-
Greater than 500 ppm sulfur	0	0	-	0	0	-
Residual Fuel Oil	0	0	-	0	0	-
Petrochemical Feedstocks	-	-	-	0	0	-
Naphtha for Petrochemical Feedstock Use	-	-	-	0	0	-
Other Oils for Petrochemical Feedstock Use	-	-	-	-	-	-
Special Naphthas	0	0	-	0	0	-
Lubricants	0	0	-	1	215	-214
Waxes	0	0	-	0	0	-
Asphalt and Road Oil	0	0	-	0	0	-
Miscellaneous Products	0	0	-	0	0	-
Total	5,733	18,667	-12,551	5,720	215	9,657

- = 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.

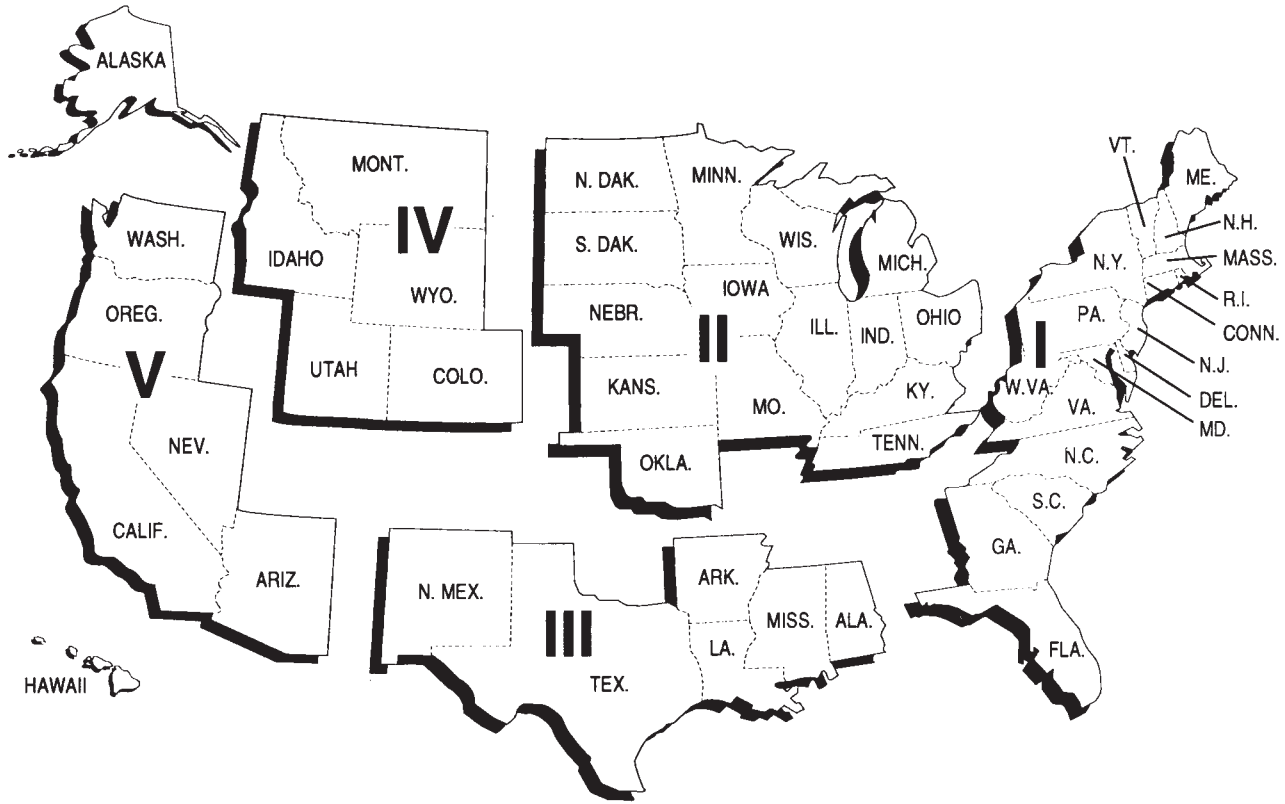
PAD District IV

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

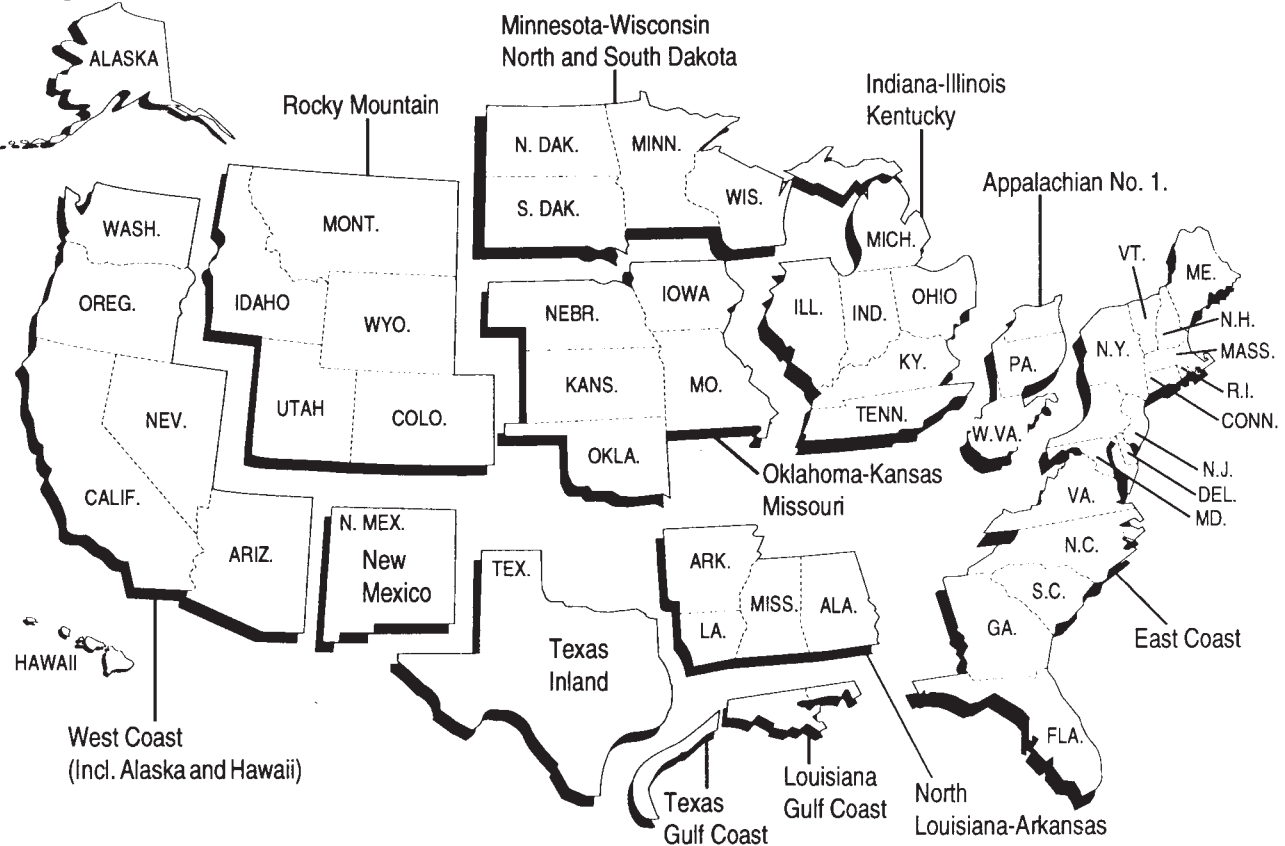
PAD District V

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

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

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. 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

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

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

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

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
1997													
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
1998													
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
1999													
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
2000													
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
2001													
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
2002													
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
2003													
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
2004													
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
2005													
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
2006													
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
2007													
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
2008													
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

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; CH₃-(CH₂)_n-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 (C₆H₆). 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 (C₄H₁₀). 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 (C₄H₁₀). 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 (C₄H₁₀). 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 (C₄H₈). 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) (CH₃)₃COC₂H₅. An oxygenate blend stock formed by the catalytic etherification of isobutylene with ethanol.

Ethane (C₂H₆). 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 (C₂H₄). 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 (C₂H₅OH). 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 (C₄H₁₀). 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 (C₄H₈). An olefinic hydrocarbon recovered from refinery processes or petrochemical processes.

Isohexane (C₆H₁₄). 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 (C₄), an alkylation process feedstock, and normal pentane and hexane into isopentane (C₅) and isohexane (C₆), high-octane gasoline components.

Isopentane. See *Natural Gasoline and Isopentane.*

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

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

turboprop aircraft engines.

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

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

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

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

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

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

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

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

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

Methanol (CH₃OH). 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 (C₃H₈). 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 (C₃H₆). An olefinic hydrocarbon recovered from refinery processes or petrochemical processes.

Propylene (C₃H₆) (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.