



Petroleum Supply Monthly

December 2011

With Data for October 2011

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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.

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Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, October 2011
(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	179,294	--	--	279,885	52	6,839	450,824	1,568	0	1,034,559
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	70,506	-559	15,315	4,210	--	-221	16,241	5,201	68,251	149,054
Pentanes Plus	9,645	-559	--	615	--	-470	5,454	2,804	1,913	16,341
Liquefied Petroleum Gases	60,861	--	15,315	3,595	--	249	10,787	2,396	66,339	132,713
Ethane/Ethylene	29,193	--	647	3	--	1,839	--	--	28,004	21,710
Propane/Propylene	20,020	--	16,759	2,882	--	2,291	--	1,822	35,548	59,732
Normal Butane/Butylene	4,762	--	-1,844	406	--	-3,888	4,645	574	1,993	45,127
Isobutane/Isobutylene	6,886	--	-247	304	--	7	6,142	--	794	6,144
Other Liquids	--	29,832	--	33,797	3,202	-5,625	69,799	6,152	-3,495	263,186
Hydrogen/Oxygenates/Renewables/										
Other Hydrocarbons	--	29,835	--	632	5,661	-557	31,738	4,947	0	20,169
Hydrogen	--	--	--	--	5,565	--	5,565	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	1,743	--	--	-82	-468	77	2,052	0	580
Renewable Fuels (including Fuel Ethanol) ...	--	28,092	--	545	218	-85	26,045	2,895	0	19,553
Fuel Ethanol ⁵	--	28,092	--	507	-663	-365	25,406	2,895	0	18,072
Renewable Fuels Except Fuel Ethanol	--	--	--	38	881	280	639	--	0	1,481
Other Hydrocarbons	--	--	--	87	-40	-4	51	--	0	36
Unfinished Oils	--	--	--	16,744	--	1,831	18,404	--	-3,491	90,916
Motor Gasoline Blend.Comp. (MGBC)	--	-3	--	16,421	-2,459	-6,908	19,662	1,205	0	152,087
Reformulated	--	--	--	3,506	311	-3,125	6,902	40	0	44,340
Conventional	--	-3	--	12,915	-2,771	-3,783	12,760	1,164	0	107,747
Aviation Gasoline Blend. Comp.	--	--	--	--	--	9	-5	--	-4	14
Finished Petroleum Products	--	5	555,846	22,929	3,122	-12,110	--	83,313	510,699	323,011
Finished Motor Gasoline	--	5	277,533	2,035	3,122	-822	--	16,217	267,300	56,290
Reformulated	--	--	92,373	--	-238	-51	--	263	91,923	119
Conventional	--	5	185,160	2,035	3,360	-771	--	15,953	175,377	56,171
Finished Aviation Gasoline	--	--	341	3	--	-154	--	--	498	1,026
Kerosene-Type Jet Fuel	--	--	42,610	1,885	--	-392	--	2,419	42,468	45,632
Kerosene	--	--	462	303	--	458	--	417	-110	2,258
Distillate Fuel Oil ⁶	--	--	140,559	3,949	0	-10,807	--	33,064	122,251	142,860
15 ppm sulfur and under ⁷	--	--	122,622	2,259	0	-8,295	--	22,214	110,962	96,019
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	5,345	62	--	-794	--	5,997	204	8,892
Greater than 500 ppm sulfur	--	--	12,592	1,628	--	-1,718	--	4,853	11,085	37,949
Residual Fuel Oil ⁸	--	--	16,389	8,732	--	2,251	--	10,409	12,461	36,804
Less than 0.31 percent sulfur	--	--	1,500	639	--	-19	--	NA	NA	3,253
0.31 to 1.00 percent sulfur	--	--	2,150	1,150	--	1,841	--	NA	NA	7,455
Greater than 1.00 percent sulfur	--	--	12,739	6,943	--	429	--	NA	NA	26,096
Petrochemical Feedstocks	--	--	9,244	3,762	--	278	--	--	12,728	3,177
Naphtha for Petro. Feed. Use	--	--	6,698	1,924	--	233	--	--	8,389	2,101
Other Oils for Petro. Feed. Use	--	--	2,546	1,838	--	45	--	--	4,339	1,076
Special Naphthas	--	--	1,189	389	--	-40	--	1,361	257	1,079
Lubricants	--	--	5,037	725	--	216	--	2,241	3,305	9,269
Waxes	--	--	265	128	--	24	--	183	186	580
Petroleum Coke	--	--	26,460	459	--	-1,268	--	15,486	12,701	6,904
Marketable	--	--	19,416	459	--	-1,268	--	15,486	5,657	6,904
Catalyst	--	--	7,044	--	--	--	--	--	7,044	--
Asphalt and Road Oil	--	--	12,226	553	--	-1,839	--	1,479	13,139	16,576
Still Gas	--	--	21,059	--	--	--	--	--	21,059	--
Miscellaneous Products	--	--	2,472	6	--	-15	--	37	2,456	556
Total	249,800	29,278	571,161	340,821	6,376	-11,117	536,864	96,233	575,455	1,769,810

-- = 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-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 and Form EIA-810, "Monthly Refinery Report."

Table 2. U.S. Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-October 2011
(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	1,713,038	--	--	2,721,329	60,416	-23,986	4,505,185	13,584	0	1,034,559
Natural Gas Plant Liquids and Liquefied Refinery Gases	653,580	-5,625	203,362	51,692	--	27,753	143,032	57,143	675,081	149,054
Pentanes Plus	89,207	-5,625	--	12,463	--	3,831	53,015	11,175	28,024	16,341
Liquefied Petroleum Gases	564,373	--	203,362	39,229	--	23,922	90,017	45,968	647,057	132,713
Ethane/Ethylene	271,014	--	5,883	100	--	-3,023	--	--	280,020	21,710
Propane/Propylene	185,111	--	166,672	31,425	--	10,377	--	37,771	335,060	59,732
Normal Butane/Butylene	45,810	--	30,694	4,738	--	17,477	33,497	8,197	22,071	45,127
Isobutane/Isobutylene	62,438	--	113	2,966	--	-909	56,520	--	9,906	6,144
Other Liquids	--	292,739	--	411,824	38,262	6,955	683,084	53,040	-254	263,186
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	292,767	--	3,837	48,252	816	306,009	38,031	0	20,169
Hydrogen	--	--	--	--	53,736	--	53,736	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	18,767	--	5	-658	-151	940	17,325	0	580
Renewable Fuels (including Fuel Ethanol)	--	274,000	--	2,282	-3,693	951	250,932	20,706	0	19,553
Fuel Ethanol ⁵	--	274,000	--	2,049	-8,630	132	246,581	20,706	0	18,072
Renewable Fuels Except Fuel Ethanol	--	--	--	233	4,937	819	4,351	--	0	1,481
Other Hydrocarbons	--	--	--	1,550	-1,133	16	401	--	0	36
Unfinished Oils	--	--	--	189,244	--	10,107	179,386	--	-249	90,916
Motor Gasoline Blend.Comp. (MGBC)	--	-28	--	218,743	-9,990	-3,973	197,689	15,009	0	152,087
Reformulated	--	--	--	55,483	18,749	-10,801	84,699	334	0	44,340
Conventional	--	-28	--	163,260	-28,739	6,828	112,990	14,675	0	107,747
Aviation Gasoline Blend. Comp.	--	--	--	--	--	5	0	--	-5	14
Finished Petroleum Products	--	190	5,455,114	286,777	18,620	-34,435	--	737,927	5,057,209	323,011
Finished Motor Gasoline	--	190	2,741,286	34,154	18,620	-7,123	--	136,902	2,664,471	56,290
Reformulated	--	--	917,588	--	-3,879	-350	--	2,492	911,567	119
Conventional	--	190	1,823,698	34,154	22,499	-6,773	--	134,410	1,752,904	56,171
Finished Aviation Gasoline	--	--	4,564	53	--	-70	--	--	4,687	1,026
Kerosene-Type Jet Fuel	--	--	443,796	22,202	--	2,423	--	28,124	435,451	45,632
Kerosene	--	--	4,655	478	--	-175	--	1,558	3,750	2,258
Distillate Fuel Oil ⁶	--	--	1,338,193	54,876	0	-21,592	--	248,492	1,166,169	142,860
15 ppm sulfur and under ⁷	--	--	1,161,035	34,889	0	-11,765	--	163,992	1,043,697	96,019
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	54,298	2,117	--	-3,264	--	55,584	4,095	8,892
Greater than 500 ppm sulfur	--	--	122,860	17,870	--	-6,563	--	28,916	118,377	37,949
Residual Fuel Oil ⁶	--	--	165,946	108,322	--	-4,482	--	131,392	147,358	36,804
Less than 0.31 percent sulfur	--	--	10,747	16,178	--	-1,118	--	NA	NA	3,253
0.31 to 1.00 percent sulfur	--	--	24,937	10,938	--	-1,004	--	NA	NA	7,455
Greater than 1.00 percent sulfur	--	--	130,262	81,206	--	-2,360	--	NA	NA	26,096
Petrochemical Feedstocks	--	--	92,766	42,355	--	658	--	--	134,463	3,177
Naphtha for Petro. Feed. Use	--	--	61,516	16,173	--	469	--	--	77,220	2,101
Other Oils for Petro. Feed. Use	--	--	31,250	26,182	--	189	--	--	57,243	1,076
Special Naphthas	--	--	11,398	3,843	--	47	--	11,379	3,815	1,079
Lubricants	--	--	52,606	7,863	--	1,066	--	21,313	38,090	9,269
Waxes	--	--	2,569	1,354	--	127	--	1,651	2,145	580
Petroleum Coke	--	--	254,087	4,141	--	-1,920	--	146,769	113,379	6,904
Marketable	--	--	185,195	4,141	--	-1,920	--	146,769	44,487	6,904
Catalyst	--	--	68,892	--	--	--	--	--	68,892	--
Asphalt and Road Oil	--	--	114,245	7,021	--	-3,348	--	9,845	114,769	16,576
Still Gas	--	--	205,116	--	--	--	--	--	205,116	--
Miscellaneous Products	--	--	23,887	115	--	-46	--	503	23,545	556
Total	2,366,618	287,304	5,658,476	3,471,622	117,298	-23,713	5,331,301	861,694	5,732,036	1,769,810

-- = 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 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-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 and Form EIA-810, "Monthly Refinery Report."

Table 3. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, October 2011
(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	5,784	--	--	9,029	2	221	14,543	51	0
Natural Gas Plant Liquids and Liquefied									
Refinery Gases	2,274	-18	494	136	--	-7	524	168	2,202
Pentanes Plus	311	-18	--	20	--	-15	176	90	62
Liquefied Petroleum Gases	1,963	--	494	116	--	8	348	77	2,140
Ethane/Ethylene	942	--	21	0	--	59	--	--	903
Propane/Propylene	646	--	541	93	--	74	--	59	1,147
Normal Butane/Butylene	154	--	-59	13	--	-125	150	19	64
Isobutane/Isobutylene	222	--	-8	10	--	0	198	--	26
Other Liquids	--	962	--	1,090	103	-181	2,252	198	-113
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	962	--	20	183	-18	1,024	160	0
Hydrogen	--	--	--	--	180	--	180	--	0
Oxygenates (excluding Fuel Ethanol)	--	56	--	--	-3	-15	2	66	0
Renewable Fuels (including Fuel Ethanol)	--	906	--	18	7	-3	840	93	0
Fuel Ethanol ⁵	--	906	--	16	-21	-12	820	93	0
Renewable Fuels Except Fuel Ethanol	--	--	--	1	28	9	21	--	0
Other Hydrocarbons	--	--	--	3	-1	0	2	--	0
Unfinished Oils	--	--	--	540	--	59	594	--	-113
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	530	-79	-223	634	39	0
Reformulated	--	--	--	113	10	-101	223	1	0
Conventional	--	0	--	417	-89	-122	412	38	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	0	17,931	740	101	-391	--	2,688	16,474
Finished Motor Gasoline	--	0	8,953	66	101	-27	--	523	8,623
Reformulated	--	--	2,980	--	-8	-2	--	8	2,965
Conventional	--	0	5,973	66	108	-25	--	515	5,657
Finished Aviation Gasoline	--	--	11	0	--	-5	--	--	16
Kerosene-Type Jet Fuel	--	--	1,375	61	--	-13	--	78	1,370
Kerosene	--	--	15	10	--	15	--	13	-4
Distillate Fuel Oil ⁶	--	--	4,534	127	0	-349	--	1,067	3,944
15 ppm sulfur and under ⁷	--	--	3,956	73	0	-268	--	717	3,579
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	172	2	--	-26	--	193	7
Greater than 500 ppm sulfur	--	--	406	53	--	-55	--	157	358
Residual Fuel Oil ⁸	--	--	529	282	--	73	--	336	402
Less than 0.31 percent sulfur	--	--	48	21	--	-1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	69	37	--	59	--	NA	NA
Greater than 1.00 percent sulfur	--	--	411	224	--	14	--	NA	NA
Petrochemical Feedstocks	--	--	298	121	--	9	--	--	411
Naphtha for Petro. Feed. Use	--	--	216	62	--	8	--	--	271
Other Oils for Petro. Feed. Use	--	--	82	59	--	1	--	--	140
Special Naphthas	--	--	38	13	--	-1	--	44	8
Lubricants	--	--	162	23	--	7	--	72	107
Waxes	--	--	9	4	--	1	--	6	6
Petroleum Coke	--	--	854	15	--	-41	--	500	410
Marketable	--	--	626	15	--	-41	--	500	182
Catalyst	--	--	227	--	--	--	--	--	227
Asphalt and Road Oil	--	--	394	18	--	-59	--	48	424
Still Gas	--	--	679	--	--	--	--	--	679
Miscellaneous Products	--	--	80	0	--	0	--	1	79
Total	8,058	944	18,425	10,994	206	-359	17,318	3,104	18,563

-- = 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-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 and Form EIA-810, "Monthly Refinery Report."

Table 4. U.S. Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-October 2011
(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	5,635	--	--	8,952	199	-79	14,820	45	0
Natural Gas Plant Liquids and Liquefied									
Refinery Gases	2,150	-19	669	170	--	91	471	188	2,221
Pentanes Plus	293	-19	--	41	--	13	174	37	92
Liquefied Petroleum Gases	1,856	--	669	129	--	79	296	151	2,128
Ethane/Ethylene	891	--	19	0	--	-10	--	--	921
Propane/Propylene	609	--	548	103	--	34	--	124	1,102
Normal Butane/Butylene	151	--	101	16	--	57	110	27	73
Isobutane/Isobutylene	205	--	0	10	--	-3	186	--	33
Other Liquids	--	963	--	1,355	126	23	2,247	174	-1
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	963	--	13	159	3	1,007	125	0
Hydrogen	--	--	--	--	177	--	177	--	0
Oxygenates (excluding Fuel Ethanol)	--	62	--	0	-2	0	3	57	0
Renewable Fuels (including Fuel Ethanol)	--	901	--	8	-12	3	825	68	0
Fuel Ethanol ⁵	--	901	--	7	-28	0	811	68	0
Renewable Fuels Except Fuel Ethanol	--	--	--	1	16	3	14	--	0
Other Hydrocarbons	--	--	--	5	-4	0	1	--	0
Unfinished Oils	--	--	--	623	--	33	590	--	-1
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	720	-33	-13	650	49	0
Reformulated	--	--	--	183	62	-36	279	1	0
Conventional	--	0	--	537	-95	22	372	48	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	1	17,944	943	61	-113	--	2,427	16,636
Finished Motor Gasoline	--	1	9,017	112	61	-23	--	450	8,765
Reformulated	--	--	3,018	--	-13	-1	--	8	2,999
Conventional	--	1	5,999	112	74	-22	--	442	5,766
Finished Aviation Gasoline	--	--	15	0	--	0	--	--	15
Kerosene-Type Jet Fuel	--	--	1,460	73	--	8	--	93	1,432
Kerosene	--	--	15	2	--	-1	--	5	12
Distillate Fuel Oil ⁶	--	--	4,402	181	0	-71	--	817	3,836
15 ppm sulfur and under ⁷	--	--	3,819	115	0	-39	--	539	3,433
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	179	7	--	-11	--	183	13
Greater than 500 ppm sulfur	--	--	404	59	--	-22	--	95	389
Residual Fuel Oil ⁸	--	--	546	356	--	-15	--	432	485
Less than 0.31 percent sulfur	--	--	35	53	--	-4	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	82	36	--	-3	--	NA	NA
Greater than 1.00 percent sulfur	--	--	428	267	--	-8	--	NA	NA
Petrochemical Feedstocks	--	--	305	139	--	2	--	--	442
Naphtha for Petro. Feed. Use	--	--	202	53	--	2	--	--	254
Other Oils for Petro. Feed. Use	--	--	103	86	--	1	--	--	188
Special Naphthas	--	--	37	13	--	0	--	37	13
Lubricants	--	--	173	26	--	4	--	70	125
Waxes	--	--	8	4	--	0	--	5	7
Petroleum Coke	--	--	836	14	--	-6	--	483	373
Marketable	--	--	609	14	--	-6	--	483	146
Catalyst	--	--	227	--	--	--	--	--	227
Asphalt and Road Oil	--	--	376	23	--	-11	--	32	378
Still Gas	--	--	675	--	--	--	--	--	675
Miscellaneous Products	--	--	79	0	--	0	--	2	77
Total	7,785	945	18,613	11,420	386	-78	17,537	2,835	18,855

-- = 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-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 and Form EIA-810, "Monthly Refinery Report."

Table 5. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, October 2011
(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	665	--	--	33,605	-383	638	-626	35,070	81	0	10,466
Natural Gas Plant Liquids and Liquefied Refinery Gases	1,092	-7	988	1,080	3,184	--	584	828	180	4,745	9,860
Pentanes Plus	188	-7	--	--	-73	--	3	--	6	99	28
Liquefied Petroleum Gases	904	--	988	1,080	3,257	--	581	828	174	4,646	9,832
Ethane/Ethylene	18	--	3	--	--	--	--	--	--	21	--
Propane/Propylene	594	--	1,354	768	3,257	--	641	--	31	5,301	6,303
Normal Butane/Butylene	149	--	-338	139	--	--	-172	319	142	-339	3,184
Isobutane/Isobutylene	143	--	-31	173	--	--	112	509	--	-336	345
Other Liquids	--	514	--	17,670	45,108	7,632	-4,063	73,717	755	515	57,815
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	516	--	351	10,057	-60	232	9,896	736	0	6,486
Hydrogen	--	--	--	--	--	38	--	38	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	10	--	--	10	0	--
Renewable Fuels (including Fuel Ethanol)	--	516	--	351	10,057	-108	232	9,858	726	0	6,486
Fuel Ethanol ⁶	--	516	--	351	9,847	-252	84	9,652	726	0	6,010
Renewable Fuels Except Fuel Ethanol	--	--	--	--	210	144	148	206	--	0	476
Other Hydrocarbons	--	--	--	--	--	0	--	--	--	0	--
Unfinished Oils	--	--	--	2,385	-59	--	-908	2,719	--	515	7,435
Motor Gasoline Blend.Comp. (MGBC)	--	-2	--	14,934	35,110	7,692	-3,387	61,102	19	0	43,894
Reformulated	--	--	--	3,506	8,181	-1,604	-1,392	11,475	0	0	15,495
Conventional	--	-2	--	11,428	26,929	9,296	-1,995	49,627	19	0	28,399
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	110,522	13,048	50,198	-7,440	-1,774	--	10,085	158,016	96,638
Finished Motor Gasoline	--	--	88,616	1,421	12,935	-7,440	-828	--	40	96,320	8,281
Reformulated	--	--	36,502	--	--	1,766	14	--	5	38,249	100
Conventional	--	--	52,114	1,421	12,935	-9,206	-842	--	35	58,070	8,181
Finished Aviation Gasoline	--	--	--	1	30	--	-15	--	--	46	140
Kerosene-Type Jet Fuel	--	--	1,750	628	14,789	--	-1,603	--	5	18,765	11,395
Kerosene	--	--	109	303	--	--	530	--	78	-196	1,673
Distillate Fuel Oil ⁷	--	--	12,525	3,758	21,689	0	-1,381	--	7,045	32,308	58,090
15 ppm sulfur and under ⁸	--	--	7,479	2,107	17,011	0	-655	--	2,359	24,893	23,426
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	254	24	1,502	--	-414	--	2,399	-205	3,821
Greater than 500 ppm sulfur	--	--	4,792	1,627	3,176	--	-312	--	2,287	7,620	30,843
Residual Fuel Oil ⁹	--	--	1,846	5,960	15	--	2,041	--	777	5,003	12,080
Less than 0.31 percent sulfur	--	--	525	637	--	--	-126	--	NA	NA	1,472
0.31 to 1.00 percent sulfur	--	--	103	710	--	--	1,303	--	NA	NA	3,947
Greater than 1.00 percent sulfur	--	--	1,218	4,613	15	--	864	--	NA	NA	6,661
Petrochemical Feedstocks	--	--	213	105	-14	--	-33	--	--	337	207
Naphtha for Petro. Feed. Use	--	--	213	104	33	--	-33	--	--	383	207
Other Oils for Petro. Feed. Use	--	--	--	1	-47	--	--	--	--	-46	--
Special Naphthas	--	--	26	68	--	--	3	--	5	86	44
Lubricants	--	--	406	210	520	--	112	--	401	623	993
Waxes	--	--	13	75	--	--	26	--	88	-26	201
Petroleum Coke	--	--	1,278	200	--	--	--	--	950	528	--
Marketable	--	--	399	200	--	--	--	--	950	-351	--
Catalyst	--	--	879	--	--	--	--	--	--	879	--
Asphalt and Road Oil	--	--	2,367	318	234	--	-629	--	678	2,870	3,504
Still Gas	--	--	1,276	--	--	--	--	--	--	1,276	--
Miscellaneous Products	--	--	97	1	--	--	3	--	18	77	30
Total	1,757	507	111,510	65,403	98,107	830	-5,879	109,615	11,101	163,277	174,779

-- = 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-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 and Form EIA-810, "Monthly Refinery Report."

Table 6. PAD District 1 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-October 2011
(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	6,544	--	--	325,684	3,369	5,842	1,298	338,382	1,759	0	10,466
Natural Gas Plant Liquids and Liquefied Refinery Gases	10,147	-96	14,478	15,252	26,356	--	3,945	5,450	3,665	53,077	9,860
Pentanes Plus	1,785	-96	--	--	-113	--	5	--	2,057	-486	28
Liquefied Petroleum Gases	8,362	--	14,478	15,252	26,469	--	3,940	5,450	1,608	53,563	9,832
Ethane/Ethylene	194	--	22	--	--	--	0	--	--	216	--
Propane/Propylene	5,516	--	12,205	12,510	26,084	--	2,175	--	355	53,785	6,303
Normal Butane/Butylene	1,391	--	3,237	1,104	232	--	1,665	1,844	1,253	1,202	3,184
Isobutane/Isobutylene	1,261	--	-986	1,638	153	--	100	3,606	--	-1,640	345
Other Liquids	--	5,869	--	224,057	439,295	73,340	2,396	739,478	6,223	-5,537	57,815
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	5,885	--	1,957	98,437	-3,850	505	96,249	5,675	0	6,486
Hydrogen	--	--	--	--	--	421	--	421	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	27	--	--	27	0	--
Renewable Fuels (including Fuel Ethanol)	--	5,885	--	1,308	98,437	-3,648	505	95,828	5,649	0	6,486
Fuel Ethanol ⁶	--	5,885	--	1,299	96,374	-3,307	284	94,318	5,649	0	6,010
Renewable Fuels Except Fuel Ethanol	--	--	--	9	2,063	-341	221	1,510	--	0	476
Other Hydrocarbons	--	--	--	649	--	-649	--	--	--	0	--
Unfinished Oils	--	--	--	28,116	-213	--	1,831	31,609	--	-5,537	7,435
Motor Gasoline Blend.Comp. (MGBC)	--	-16	--	193,984	341,071	77,189	60	611,620	548	0	43,894
Reformulated	--	--	--	55,471	79,357	7,714	-1,680	144,214	8	0	15,495
Conventional	--	-16	--	138,513	261,714	69,475	1,740	467,406	540	0	28,399
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	1,086,772	158,513	488,144	-73,882	-5,569	--	76,089	1,589,027	96,638
Finished Motor Gasoline	--	--	882,280	23,586	125,987	-73,882	-624	--	1,558	957,037	8,281
Reformulated	--	--	366,009	--	--	4,560	-199	--	84	370,684	100
Conventional	--	--	516,271	23,586	125,987	-78,442	-425	--	1,474	586,353	8,181
Finished Aviation Gasoline	--	--	-1	16	734	--	-28	--	--	777	140
Kerosene-Type Jet Fuel	--	--	25,090	11,702	134,266	--	2,117	--	2,238	166,703	11,395
Kerosene	--	--	1,257	477	109	--	-125	--	88	1,880	1,673
Distillate Fuel Oil ⁷	--	--	110,513	49,438	214,282	0	-4,769	--	35,563	343,439	58,090
15 ppm sulfur and under ⁸	--	--	70,187	31,480	162,509	0	546	--	10,195	253,435	23,426
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	1,773	1,249	11,628	--	-1,382	--	18,128	-2,096	3,821
Greater than 500 ppm sulfur	--	--	38,553	16,709	40,145	--	-3,933	--	7,240	92,100	30,843
Residual Fuel Oil ⁹	--	--	19,052	65,023	2,160	--	-2,034	--	24,592	63,677	12,080
Less than 0.31 percent sulfur	--	--	2,912	15,401	--	--	-1,162	--	NA	NA	1,472
0.31 to 1.00 percent sulfur	--	--	6,410	4,465	440	--	-827	--	NA	NA	3,947
Greater than 1.00 percent sulfur	--	--	9,730	45,157	1,720	--	-45	--	NA	NA	6,661
Petrochemical Feedstocks	--	--	2,075	602	609	--	-12	--	--	3,298	207
Naphtha for Petro. Feed. Use	--	--	2,075	539	950	--	-12	--	--	3,576	207
Other Oils for Petro. Feed. Use	--	--	--	63	-341	--	--	--	--	-278	--
Special Naphthas	--	--	239	245	--	--	4	--	442	38	44
Lubricants	--	--	4,456	1,259	5,800	--	89	--	1,873	9,553	993
Waxes	--	--	33	707	--	--	78	--	728	-66	201
Petroleum Coke	--	--	10,881	1,462	--	--	-43	--	5,911	6,475	--
Marketable	--	--	2,870	1,462	--	--	-43	--	5,911	-1,536	--
Catalyst	--	--	8,011	--	--	--	--	--	--	8,011	--
Asphalt and Road Oil	--	--	17,899	3,988	4,197	--	-234	--	2,906	23,412	3,504
Still Gas	--	--	12,268	--	--	--	--	--	--	12,268	--
Miscellaneous Products	--	--	730	8	--	--	12	--	191	535	30
Total	16,691	5,773	1,101,250	723,506	957,164	5,300	2,070	1,083,310	87,737	1,636,567	174,779

-- = 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-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 and Form EIA-810, "Monthly Refinery Report."

Table 7. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, October 2011
(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	21	--	--	1,084	-12	21	-20	1,131	3	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	35	0	32	35	103	--	19	27	6	153
Pentanes Plus	6	0	--	--	-2	--	0	--	0	3
Liquefied Petroleum Gases	29	--	32	35	105	--	19	27	6	150
Ethane/Ethylene	1	--	0	--	--	--	--	--	--	1
Propane/Propylene	19	--	44	25	105	--	21	--	1	171
Normal Butane/Butylene	5	--	-11	4	--	--	-6	10	5	-11
Isobutane/Isobutylene	5	--	-1	6	--	--	4	16	--	-11
Other Liquids	--	17	--	570	1,455	246	-131	2,378	24	17
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	17	--	11	324	-2	7	319	24	0
Hydrogen	--	--	--	--	--	1	--	1	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol) ...	--	17	--	11	324	-3	7	318	23	0
Fuel Ethanol ⁶	--	17	--	11	318	-8	3	311	23	0
Renewable Fuels Except Fuel Ethanol	--	--	--	--	7	5	5	7	--	0
Other Hydrocarbons	--	--	--	--	--	0	--	--	--	0
Unfinished Oils	--	--	--	77	-2	--	-29	88	--	17
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	482	1,133	248	-109	1,971	1	0
Reformulated	--	--	--	113	264	-52	-45	370	0	0
Conventional	--	0	--	369	869	300	-64	1,601	1	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	3,565	421	1,619	-240	-57	--	325	5,097
Finished Motor Gasoline	--	--	2,859	46	417	-240	-27	--	1	3,107
Reformulated	--	--	1,177	--	--	57	0	--	0	1,234
Conventional	--	--	1,681	46	417	-297	-27	--	1	1,873
Finished Aviation Gasoline	--	--	--	0	1	--	0	--	--	1
Kerosene-Type Jet Fuel	--	--	56	20	477	--	-52	--	0	605
Kerosene	--	--	4	10	--	--	17	--	3	-6
Distillate Fuel Oil ⁷	--	--	404	121	700	0	-45	--	227	1,042
15 ppm sulfur and under ⁸	--	--	241	68	549	0	-21	--	76	803
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	8	1	48	--	-13	--	77	-7
Greater than 500 ppm sulfur	--	--	155	52	102	--	-10	--	74	246
Residual Fuel Oil ⁹	--	--	60	192	0	--	66	--	25	161
Less than 0.31 percent sulfur	--	--	17	21	--	--	-4	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	3	23	--	--	42	--	NA	NA
Greater than 1.00 percent sulfur	--	--	39	149	0	--	28	--	NA	NA
Petrochemical Feedstocks	--	--	7	3	0	--	-1	--	--	11
Naphtha for Petro. Feed. Use	--	--	7	3	1	--	-1	--	--	12
Other Oils for Petro. Feed. Use	--	--	--	0	-2	--	--	--	--	-1
Special Naphthas	--	--	1	2	--	--	0	--	0	3
Lubricants	--	--	13	7	17	--	4	--	13	20
Waxes	--	--	0	2	--	--	1	--	3	-1
Petroleum Coke	--	--	41	6	--	--	--	--	31	17
Marketable	--	--	13	6	--	--	--	--	31	-11
Catalyst	--	--	28	--	--	--	--	--	--	28
Asphalt and Road Oil	--	--	76	10	8	--	-20	--	22	93
Still Gas	--	--	41	--	--	--	--	--	--	41
Miscellaneous Products	--	--	3	0	--	--	0	--	1	2
Total	57	16	3,597	2,110	3,165	27	-190	3,536	358	5,267

-- = 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-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 and Form EIA-810, "Monthly Refinery Report."

Table 8. PAD District 1 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-October 2011
(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	22	--	--	1,071	11	19	4	1,113	6	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	33	0	48	50	87	--	13	18	12	175
Pentanes Plus	6	0	--	--	0	--	0	--	7	-2
Liquefied Petroleum Gases	28	--	48	50	87	--	13	18	5	176
Ethane/Ethylene	1	--	0	--	--	--	0	--	--	1
Propane/Propylene	18	--	40	41	86	--	7	--	1	177
Normal Butane/Butylene	5	--	11	4	1	--	5	6	4	4
Isobutane/Isobutylene	4	--	-3	5	1	--	0	12	--	-5
Other Liquids	--	19	--	737	1,445	241	8	2,432	20	-18
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	19	--	6	324	-13	2	317	19	0
Hydrogen	--	--	--	--	--	1	--	1	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol) ...	--	19	--	4	324	-12	2	315	19	0
Fuel Ethanol ⁶	--	19	--	4	317	-11	1	310	19	0
Renewable Fuels Except Fuel Ethanol	--	--	--	0	7	-1	1	5	--	0
Other Hydrocarbons	--	--	--	2	--	-2	--	--	--	0
Unfinished Oils	--	--	--	92	-1	--	6	104	--	-18
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	638	1,122	254	0	2,012	2	0
Reformulated	--	--	--	182	261	25	-6	474	0	0
Conventional	--	0	--	456	861	229	6	1,538	2	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	3,575	521	1,606	-243	-18	--	250	5,227
Finished Motor Gasoline	--	--	2,902	78	414	-243	-2	--	5	3,148
Reformulated	--	--	1,204	--	--	15	-1	--	0	1,219
Conventional	--	--	1,698	78	414	-258	-1	--	5	1,929
Finished Aviation Gasoline	--	--	0	0	2	--	0	--	--	3
Kerosene-Type Jet Fuel	--	--	83	38	442	--	7	--	7	548
Kerosene	--	--	4	2	0	--	0	--	0	6
Distillate Fuel Oil ⁷	--	--	364	163	705	0	-16	--	117	1,130
15 ppm sulfur and under ⁸	--	--	231	104	535	0	2	--	34	834
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	6	4	38	--	-5	--	60	-7
Greater than 500 ppm sulfur	--	--	127	55	132	--	-13	--	24	303
Residual Fuel Oil ⁹	--	--	63	214	7	--	-7	--	81	209
Less than 0.31 percent sulfur	--	--	10	51	--	--	-4	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	21	15	1	--	-3	--	NA	NA
Greater than 1.00 percent sulfur	--	--	32	149	6	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	7	2	2	--	0	--	--	11
Naphtha for Petro. Feed. Use	--	--	7	2	3	--	0	--	--	12
Other Oils for Petro. Feed. Use	--	--	--	0	-1	--	--	--	--	-1
Special Naphthas	--	--	1	1	--	--	0	--	1	0
Lubricants	--	--	15	4	19	--	0	--	6	31
Waxes	--	--	0	2	--	--	0	--	2	0
Petroleum Coke	--	--	36	5	--	--	0	--	19	21
Marketable	--	--	9	5	--	--	0	--	19	-5
Catalyst	--	--	26	--	--	--	--	--	--	26
Asphalt and Road Oil	--	--	59	13	14	--	-1	--	10	77
Still Gas	--	--	40	--	--	--	--	--	--	40
Miscellaneous Products	--	--	2	0	--	--	0	--	1	2
Total	55	19	3,623	2,380	3,149	17	7	3,564	289	5,383

-- = 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-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 and Form EIA-810, "Monthly Refinery Report."

Table 9. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, October 2011
(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	27,998	--	--	47,229	23,505	6,790	428	103,612	1,482	0	93,374
Natural Gas Plant Liquids and Liquefied Refinery Gases	13,755	-514	2,336	1,865	2,395	--	80	3,390	2,604	13,763	58,049
Pentanes Plus	1,464	-514	--	37	2,507	--	360	1,225	2,451	-542	7,757
Liquefied Petroleum Gases	12,291	--	2,336	1,828	-112	--	-280	2,165	153	14,305	50,292
Ethane/Ethylene	5,436	--	--	3	-2,900	--	158	--	--	2,381	4,976
Propane/Propylene	4,412	--	3,219	1,519	1,856	--	743	--	38	10,225	25,382
Normal Butane/Butylene	1,476	--	-912	191	453	--	-1,359	951	115	1,501	18,110
Isobutane/Isobutylene	967	--	29	115	479	--	178	1,214	--	198	1,824
Other Liquids	--	25,843	--	150	-10,818	-3,029	-520	11,099	513	1,054	48,519
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	25,844	--	93	-18,393	445	-193	7,670	512	0	7,047
Hydrogen	--	--	--	--	--	587	--	587	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0	--
Renewable Fuels (including Fuel Ethanol)	--	25,844	--	38	-18,393	-135	-189	7,032	512	0	7,011
Fuel Ethanol ⁶	--	25,844	--	--	-18,530	-178	-187	6,812	512	0	6,733
Renewable Fuels Except Fuel Ethanol	--	--	--	38	137	43	-2	220	--	0	278
Other Hydrocarbons	--	--	--	55	--	-8	-4	51	--	0	36
Unfinished Oils	--	--	--	--	473	--	298	-883	--	1,058	14,887
Motor Gasoline Blend.Comp. (MGBC)	--	-1	--	57	7,102	-3,474	-628	4,311	1	0	26,582
Reformulated	--	--	--	--	880	-309	-729	1,300	--	0	5,763
Conventional	--	-1	--	57	6,222	-3,165	101	3,011	1	0	20,819
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	3	1	--	-4	3
Finished Petroleum Products	--	5	122,391	676	9,892	3,652	-4,033	--	1,102	139,546	67,696
Finished Motor Gasoline	--	5	67,983	2	2,828	3,652	-1,615	--	--	76,085	21,063
Reformulated	--	--	11,083	--	--	199	--	--	--	11,282	--
Conventional	--	5	56,900	2	2,828	3,452	-1,615	--	--	64,802	21,063
Finished Aviation Gasoline	--	--	95	2	16	--	31	--	--	82	176
Kerosene-Type Jet Fuel	--	--	7,204	--	1,486	--	1,087	--	136	7,467	9,255
Kerosene	--	--	103	--	--	--	-104	--	0	207	171
Distillate Fuel Oil	--	--	29,627	44	6,453	0	-2,371	--	109	38,386	26,204
15 ppm sulfur and under ⁷	--	--	29,036	42	7,667	0	-2,383	--	--	39,128	23,826
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	613	2	-1,214	--	40	--	69	-708	1,092
Greater than 500 ppm sulfur	--	--	-22	--	--	--	-28	--	40	-34	1,286
Residual Fuel Oil ⁸	--	--	1,460	83	-772	--	-252	--	131	892	1,302
Less than 0.31 percent sulfur	--	--	--	2	--	--	-98	--	NA	NA	133
0.31 to 1.00 percent sulfur	--	--	164	72	--	--	38	--	NA	NA	195
Greater than 1.00 percent sulfur	--	--	1,296	9	-772	--	-192	--	NA	NA	974
Petrochemical Feedstocks	--	--	1,263	102	-107	--	-34	--	--	1,292	533
Naphtha for Petro. Feed. Use	--	--	1,063	65	-135	--	-32	--	--	1,025	442
Other Oils for Petro. Feed. Use	--	--	200	37	28	--	-2	--	--	267	91
Special Naphthas	--	--	44	38	9	--	2	--	0	89	104
Lubricants	--	--	276	179	538	--	131	--	207	655	850
Waxes	--	--	44	2	--	--	-1	--	29	18	42
Petroleum Coke	--	--	4,592	65	--	--	65	--	237	4,355	554
Marketable	--	--	3,118	65	--	--	65	--	237	2,881	554
Catalyst	--	--	1,474	--	--	--	--	--	--	1,474	--
Asphalt and Road Oil	--	--	5,362	155	-558	--	-995	--	252	5,702	7,346
Still Gas	--	--	3,945	--	--	--	--	--	--	3,945	--
Miscellaneous Products	--	--	393	4	-1	--	23	--	1	372	96
Total	41,753	25,334	124,727	49,920	24,974	7,412	-4,045	118,101	5,701	154,363	267,638

-- = 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-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 and Form EIA-810, "Monthly Refinery Report."

Table 10. PAD District 2 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-October 2011
(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	241,924	--	--	438,237	262,752	81,167	-5,113	1,018,802	10,391	0	93,374
Natural Gas Plant Liquids and Liquefied Refinery Gases	123,598	-5,181	38,818	19,034	8,734	--	18,192	29,333	11,092	126,386	58,049
Pentanes Plus	12,909	-5,181	--	298	24,843	--	4,226	10,652	7,946	10,045	7,757
Liquefied Petroleum Gases	110,689	--	38,818	18,736	-16,109	--	13,966	18,681	3,146	116,341	50,292
Ethane/Ethylene	49,590	--	--	100	-30,105	--	1,230	--	--	18,355	4,976
Propane/Propylene	39,500	--	31,499	15,109	4,483	--	4,862	--	431	85,298	25,382
Normal Butane/Butylene	12,994	--	7,547	2,286	4,528	--	8,045	5,489	2,715	11,106	18,110
Isobutane/Isobutylene	8,605	--	-228	1,241	4,985	--	-171	13,192	--	1,582	1,824
Other Liquids	--	252,669	--	1,776	-96,360	-14,774	2,635	134,060	6,119	498	48,519
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	252,681	--	886	-178,535	4,060	3	74,411	4,678	0	7,047
Hydrogen	--	--	--	--	--	6,096	--	6,096	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	10	--	--	10	0	--
Renewable Fuels (including Fuel Ethanol)	--	252,681	--	149	-178,535	-1,726	-13	67,914	4,668	0	7,011
Fuel Ethanol ⁶	--	252,681	--	--	-179,723	-2,314	-220	66,196	4,668	0	6,733
Renewable Fuels Except Fuel Ethanol	--	--	--	149	1,188	588	207	1,718	--	0	278
Other Hydrocarbons	--	--	--	737	--	-320	16	401	--	0	36
Unfinished Oils	--	--	--	220	2,825	--	2,231	312	--	502	14,887
Motor Gasoline Blend.Comp. (MGBC)	--	-12	--	670	79,350	-18,834	398	59,336	1,440	0	26,582
Reformulated	--	--	--	12	18,926	-5,178	-888	14,646	--	0	5,763
Conventional	--	-12	--	658	60,424	-13,655	1,286	44,690	1,439	0	20,819
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	3	1	--	-4	3
Finished Petroleum Products	--	190	1,203,010	9,016	105,848	21,148	-9,769	--	13,755	1,335,225	67,696
Finished Motor Gasoline	--	190	672,369	265	53,729	21,148	-1,891	--	1,329	748,263	21,063
Reformulated	--	--	107,675	--	--	5,144	--	--	1	112,819	--
Conventional	--	190	564,694	265	53,729	16,003	-1,891	--	1,328	635,444	21,063
Finished Aviation Gasoline	--	--	758	32	539	--	-33	--	--	1,362	176
Kerosene-Type Jet Fuel	--	--	69,694	--	10,939	--	933	--	1,495	78,205	9,255
Kerosene	--	--	159	1	33	--	-110	--	99	204	171
Distillate Fuel Oil	--	--	293,640	721	48,009	0	-5,876	--	1,264	346,982	26,204
15 ppm sulfur and under ⁷	--	--	282,379	584	56,170	0	-6,271	--	1	345,403	23,826
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	6,373	122	-8,241	--	-151	--	642	-2,237	1,092
Greater than 500 ppm sulfur ⁷	--	--	4,888	15	80	--	546	--	621	3,816	1,286
Residual Fuel Oil ⁸	--	--	13,784	1,972	-5,963	--	-175	--	1,510	8,458	1,302
Less than 0.31 percent sulfur	--	--	2	27	--	--	44	--	NA	NA	133
0.31 to 1.00 percent sulfur	--	--	1,964	1,425	--	--	-107	--	NA	NA	195
Greater than 1.00 percent sulfur	--	--	11,818	520	-5,963	--	-112	--	NA	NA	974
Petrochemical Feedstocks	--	--	10,183	1,178	34	--	46	--	--	11,349	533
Naphtha for Petro. Feed. Use	--	--	7,661	644	-209	--	41	--	--	8,055	442
Other Oils for Petro. Feed. Use	--	--	2,522	534	243	--	5	--	--	3,294	91
Special Naphthas	--	--	-68	439	338	--	-59	--	4	764	104
Lubricants	--	--	2,319	2,095	5,467	--	163	--	1,902	7,816	850
Waxes	--	--	411	13	--	--	2	--	308	114	42
Petroleum Coke	--	--	44,712	660	--	--	-147	--	3,572	41,947	554
Marketable	--	--	30,765	660	--	--	-147	--	3,572	28,000	554
Catalyst	--	--	13,947	--	--	--	--	--	--	13,947	--
Asphalt and Road Oil	--	--	52,736	1,574	-7,282	--	-2,577	--	2,263	47,342	7,346
Still Gas	--	--	38,405	--	--	--	--	--	--	38,405	--
Miscellaneous Products	--	--	3,908	66	5	--	-45	--	9	4,015	96
Total	365,522	247,678	1,241,828	468,063	280,974	87,541	5,945	1,182,195	41,357	1,462,109	267,638

-- = 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-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 and Form EIA-810, "Monthly Refinery Report."

Table 11. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, October 2011
(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	903	--	--	1,524	758	219	14	3,342	48	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	444	-17	75	60	77	--	3	109	84	444
Pentanes Plus	47	-17	--	1	81	--	12	40	79	-17
Liquefied Petroleum Gases	396	--	75	59	-4	--	-9	70	5	461
Ethane/Ethylene	175	--	--	0	-94	--	5	--	--	77
Propane/Propylene	142	--	104	49	60	--	24	--	1	330
Normal Butane/Butylene	48	--	-29	6	15	--	-44	31	4	48
Isobutane/Isobutylene	31	--	1	4	15	--	6	39	--	6
Other Liquids	--	834	--	5	-349	-98	-17	358	17	34
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	834	--	3	-593	14	-6	247	17	0
Hydrogen	--	--	--	--	--	19	--	19	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	834	--	1	-593	-4	-6	227	17	0
Fuel Ethanol ⁶	--	834	--	--	-598	-6	-6	220	17	0
Renewable Fuels Except Fuel Ethanol	--	--	--	1	4	1	0	7	--	0
Other Hydrocarbons	--	--	--	2	--	0	0	2	--	0
Unfinished Oils	--	--	--	--	15	--	10	-28	--	34
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	2	229	-112	-20	139	0	0
Reformulated	--	--	--	--	28	-10	-24	42	--	0
Conventional	--	0	--	2	201	-102	3	97	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	0	3,948	22	319	118	-130	--	36	4,501
Finished Motor Gasoline	--	0	2,193	0	91	118	-52	--	--	2,454
Reformulated	--	--	358	--	--	6	--	--	--	364
Conventional	--	0	1,835	0	91	111	-52	--	--	2,090
Finished Aviation Gasoline	--	--	3	0	1	--	1	--	--	3
Kerosene-Type Jet Fuel	--	--	232	--	48	--	35	--	4	241
Kerosene	--	--	3	--	--	--	-3	--	0	7
Distillate Fuel Oil	--	--	956	1	208	0	-76	--	4	1,238
15 ppm sulfur and under ⁷	--	--	937	1	247	0	-77	--	--	1,262
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	20	0	-39	--	1	--	2	-23
Greater than 500 ppm sulfur	--	--	-1	--	--	--	-1	--	1	-1
Residual Fuel Oil ⁸	--	--	47	3	-25	--	-8	--	4	29
Less than 0.31 percent sulfur	--	--	--	0	--	--	-3	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	5	2	--	--	1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	42	0	-25	--	-6	--	NA	NA
Petrochemical Feedstocks	--	--	41	3	-3	--	-1	--	--	42
Naphtha for Petro. Feed. Use	--	--	34	2	-4	--	-1	--	--	33
Other Oils for Petro. Feed. Use	--	--	6	1	1	--	0	--	--	9
Special Naphthas	--	--	1	1	0	--	0	--	0	3
Lubricants	--	--	9	6	17	--	4	--	7	21
Waxes	--	--	1	0	--	--	0	--	1	1
Petroleum Coke	--	--	148	2	--	--	2	--	8	140
Marketable	--	--	101	2	--	--	2	--	8	93
Catalyst	--	--	48	--	--	--	--	--	--	48
Asphalt and Road Oil	--	--	173	5	-18	--	-32	--	8	184
Still Gas	--	--	127	--	--	--	--	--	--	127
Miscellaneous Products	--	--	13	0	0	--	1	--	0	12
Total	1,347	817	4,023	1,610	806	239	-130	3,810	184	4,979

-- = 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-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 and Form EIA-810, "Monthly Refinery Report."

Table 12. PAD District 2 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-October 2011
(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	796	--	--	1,442	864	267	-17	3,351	34	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	407	-17	128	63	29	--	60	96	36	416
Pentanes Plus	42	-17	--	1	82	--	14	35	26	33
Liquefied Petroleum Gases	364	--	128	62	-53	--	46	61	10	383
Ethane/Ethylene	163	--	--	0	-99	--	4	--	--	60
Propane/Propylene	130	--	104	50	15	--	16	--	1	281
Normal Butane/Butylene	43	--	25	8	15	--	26	18	9	37
Isobutane/Isobutylene	28	--	-1	4	16	--	-1	43	--	5
Other Liquids	--	831	--	6	-317	-49	9	441	20	2
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	831	--	3	-587	13	0	245	15	0
Hydrogen	--	--	--	--	--	20	--	20	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol) ...	--	831	--	0	-587	-6	0	223	15	0
Fuel Ethanol ⁶	--	831	--	--	-591	-8	-1	218	15	0
Renewable Fuels Except Fuel Ethanol	--	--	--	0	4	2	1	6	--	0
Other Hydrocarbons	--	--	--	2	--	-1	0	1	--	0
Unfinished Oils	--	--	--	1	9	--	7	1	--	2
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	2	261	-62	1	195	5	0
Reformulated	--	--	--	0	62	-17	-3	48	--	0
Conventional	--	0	--	2	199	-45	4	147	5	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	1	3,957	30	348	70	-32	--	45	4,392
Finished Motor Gasoline	--	1	2,212	1	177	70	-6	--	4	2,461
Reformulated	--	--	354	--	--	17	--	--	0	371
Conventional	--	1	1,858	1	177	53	-6	--	4	2,090
Finished Aviation Gasoline	--	--	2	0	2	--	0	--	--	4
Kerosene-Type Jet Fuel	--	--	229	--	36	--	3	--	5	257
Kerosene	--	--	1	0	0	--	0	--	0	1
Distillate Fuel Oil	--	--	966	2	158	0	-19	--	4	1,141
15 ppm sulfur and under ⁷	--	--	929	2	185	0	-21	--	0	1,136
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	21	0	-27	--	0	--	2	-7
Greater than 500 ppm sulfur	--	--	16	0	0	--	2	--	2	13
Residual Fuel Oil ⁸	--	--	45	6	-20	--	-1	--	5	28
Less than 0.31 percent sulfur	--	--	0	0	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	6	5	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	39	2	-20	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	33	4	0	--	0	--	--	37
Naphtha for Petro. Feed. Use	--	--	25	2	-1	--	0	--	--	26
Other Oils for Petro. Feed. Use	--	--	8	2	1	--	0	--	--	11
Special Naphthas	--	--	0	1	1	--	0	--	0	3
Lubricants	--	--	8	7	18	--	1	--	6	26
Waxes	--	--	1	0	--	--	0	--	1	0
Petroleum Coke	--	--	147	2	--	--	0	--	12	138
Marketable	--	--	101	2	--	--	0	--	12	92
Catalyst	--	--	46	--	--	--	--	--	--	46
Asphalt and Road Oil	--	--	173	5	-24	--	-8	--	7	156
Still Gas	--	--	126	--	--	--	--	--	--	126
Miscellaneous Products	--	--	13	0	0	--	0	--	0	13
Total	1,202	815	4,085	1,540	924	288	20	3,889	136	4,810

-- = 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-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 and Form EIA-810, "Monthly Refinery Report."

Table 13. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, October 2011
(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	102,876	--	--	154,387	-19,718	-4,895	5,208	227,442	--	0	863,126
Natural Gas Plant Liquids and Liquefied Refinery Gases	42,223	-16	10,550	785	5,300	--	-630	9,566	1,512	48,394	71,979
Pentanes Plus	5,321	-16	--	578	-1,122	--	-843	3,416	37	2,151	8,216
Liquefied Petroleum Gases	36,902	--	10,550	207	6,422	--	213	6,150	1,474	46,244	63,763
Ethane/Ethylene	18,238	--	644	--	8,764	--	1,682	--	--	25,964	16,327
Propane/Propylene	11,912	--	10,567	147	-2,837	--	712	--	1,364	17,713	25,345
Normal Butane/Butylene	1,874	--	-594	60	330	--	-2,098	2,482	110	1,176	18,657
Isobutane/Isobutylene	4,878	--	-67	--	165	--	-83	3,668	--	1,391	3,434
Other Liquids	--	2,526	--	13,656	-42,722	-2,114	-638	-28,995	4,782	-3,803	105,572
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	2,526	--	32	4,283	3,798	-464	7,428	3,675	0	3,990
Hydrogen	--	--	--	--	--	3,502	--	3,502	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	1,743	--	--	--	-94	-468	77	2,040	0	580
Renewable Fuels (including Fuel Ethanol)	--	783	--	--	4,283	422	4	3,849	1,635	0	3,410
Fuel Ethanol ⁷	--	783	--	--	4,630	-99	-112	3,791	1,635	0	2,837
Renewable Fuels Except Fuel Ethanol	--	--	--	--	-347	521	116	58	--	0	573
Other Hydrocarbons	--	--	--	32	--	-32	--	--	--	0	--
Unfinished Oils	--	--	--	12,579	-685	--	2,007	13,690	--	-3,803	46,093
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	1,045	-46,320	-5,913	-2,187	-50,107	1,106	0	55,478
Reformulated	--	--	--	--	-11,356	2,818	157	-8,735	--	0	11,483
Conventional	--	--	--	1,045	-34,964	-8,731	-2,344	-41,372	1,066	0	43,995
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	6	-6	--	0	11
Finished Petroleum Products	--	--	216,492	6,585	-63,361	6,011	-4,904	--	63,221	107,410	113,998
Finished Motor Gasoline	--	--	65,535	568	-16,569	6,011	1,152	--	15,198	39,195	18,500
Reformulated	--	--	11,964	--	--	-2,590	-66	--	53	9,387	--
Conventional	--	--	53,571	568	-16,569	8,601	1,218	--	15,145	29,808	18,500
Finished Aviation Gasoline	--	--	196	--	-46	--	-102	--	--	252	495
Kerosene-Type Jet Fuel	--	--	21,493	317	-17,244	--	435	--	1,742	2,389	14,347
Kerosene	--	--	258	--	--	--	18	--	311	-71	350
Distillate Fuel Oil	--	--	76,949	--	-29,638	0	-6,368	--	23,909	29,770	43,769
15 ppm sulfur and under ⁸	--	--	66,830	--	-26,174	0	-4,609	--	18,863	26,402	36,233
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	3,337	--	-288	--	-497	--	3,032	514	2,930
Greater than 500 ppm sulfur	--	--	6,782	--	-3,176	--	-1,262	--	2,014	2,854	4,606
Residual Fuel Oil ⁹	--	--	8,643	1,369	757	--	993	--	8,597	1,179	18,436
Less than 0.31 percent sulfur	--	--	775	--	--	--	237	--	NA	NA	1,445
0.31 to 1.00 percent sulfur	--	--	685	348	--	--	474	--	NA	NA	2,183
Greater than 1.00 percent sulfur	--	--	7,183	1,021	757	--	282	--	NA	NA	14,808
Petrochemical Feedstocks	--	--	7,760	3,520	121	--	344	--	--	11,057	2,434
Naphtha for Petro. Feed. Use	--	--	5,414	1,720	102	--	297	--	--	6,939	1,449
Other Oils for Petro. Feed. Use	--	--	2,346	1,800	19	--	47	--	--	4,118	985
Special Naphthas	--	--	1,093	283	-9	--	-47	--	1,087	327	898
Lubricants	--	--	4,241	330	-1,058	--	182	--	1,479	1,852	6,402
Waxes	--	--	208	22	--	--	-1	--	59	172	337
Petroleum Coke	--	--	15,114	176	--	--	-1,344	--	10,493	6,141	4,479
Marketable	--	--	11,618	176	--	--	-1,344	--	10,493	2,645	4,479
Catalyst	--	--	3,496	--	--	--	--	--	--	3,496	--
Asphalt and Road Oil	--	--	2,182	--	324	--	-134	--	332	2,308	3,203
Still Gas	--	--	11,362	--	--	--	--	--	--	11,362	--
Miscellaneous Products	--	--	1,458	--	1	--	-32	--	14	1,477	348
Total	145,099	2,510	227,042	175,413	-120,501	-998	-964	208,013	69,515	152,002	1,154,675

-- = 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-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 and Form EIA-810, "Monthly Refinery Report."

Table 14. PAD District 3 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-October 2011
(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	999,753	--	--	1,513,824	-226,490	-41,412	-22,624	2,267,062	1,237	0	863,126
Natural Gas Plant Liquids and Liquefied Refinery Gases	389,767	-146	127,727	13,884	64,966	--	2,449	86,666	35,775	471,308	71,979
Pentanes Plus	49,806	-146	--	12,165	-13,636	--	-556	35,552	78	13,115	8,216
Liquefied Petroleum Gases	339,961	--	127,727	1,719	78,602	--	3,005	51,114	35,697	458,193	63,763
Ethane/Ethylene	167,944	--	5,861	--	83,815	--	-4,250	--	--	261,870	16,327
Propane/Propylene	109,482	--	105,633	558	-8,784	--	2,214	--	33,672	171,003	25,345
Normal Butane/Butylene	18,477	--	14,644	1,136	2,565	--	5,743	18,858	2,024	10,197	18,657
Isobutane/Isobutylene	44,058	--	1,589	25	1,006	--	-702	32,256	--	15,124	3,434
Other Liquids	--	25,376	--	158,620	-423,821	-31,210	7,603	-323,334	39,332	5,364	105,572
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	25,376	--	169	36,431	34,415	281	69,065	27,044	0	3,990
Hydrogen	--	--	--	--	--	32,638	--	32,638	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	18,767	--	5	--	-720	-151	940	17,264	0	580
Renewable Fuels (including Fuel Ethanol)	--	6,609	--	--	36,431	2,660	432	35,487	9,781	0	3,410
Fuel Ethanol ⁷	--	6,609	--	--	39,682	-1,224	76	35,210	9,781	0	2,837
Renewable Fuels Except Fuel Ethanol	--	--	--	--	-3,251	3,884	356	277	--	0	573
Other Hydrocarbons	--	--	--	164	--	-164	--	--	--	0	--
Unfinished Oils	--	--	--	140,597	-2,666	--	7,468	125,098	--	5,365	46,093
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	17,854	-457,586	-65,625	-148	-517,496	12,287	0	55,478
Reformulated	--	--	--	--	-119,006	17,557	-4,176	-97,597	--	0	11,483
Conventional	--	--	--	17,854	-338,580	-83,182	4,028	-419,899	11,963	0	43,995
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	2	-1	--	-1	11
Finished Petroleum Products	--	--	2,090,083	90,860	-620,988	66,848	-14,406	--	553,894	1,087,316	113,998
Finished Motor Gasoline	--	--	630,523	9,726	-185,601	66,848	-4,225	--	120,710	405,012	18,500
Reformulated	--	--	119,056	--	--	-14,350	-156	--	590	104,273	--
Conventional	--	--	511,467	9,726	-185,601	81,198	-4,069	--	120,120	300,739	18,500
Finished Aviation Gasoline	--	--	3,215	--	-1,273	--	25	--	--	1,917	495
Kerosene-Type Jet Fuel	--	--	217,010	977	-155,496	--	-440	--	16,978	45,953	14,347
Kerosene	--	--	2,853	--	21	--	197	--	1,120	1,557	350
Distillate Fuel Oil	--	--	719,388	1,665	-274,054	0	-7,363	--	188,604	265,758	43,769
15 ppm sulfur and under ⁸	--	--	614,645	594	-230,442	0	-3,362	--	140,190	247,969	36,233
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	36,483	307	-3,387	--	-1,349	--	29,588	5,164	2,930
Greater than 500 ppm sulfur	--	--	68,260	764	-40,225	--	-2,652	--	18,825	12,626	4,606
Residual Fuel Oil ⁹	--	--	90,396	28,585	3,656	--	-2,642	--	96,927	28,352	18,436
Less than 0.31 percent sulfur	--	--	5,705	750	--	--	-60	--	NA	NA	1,445
0.31 to 1.00 percent sulfur	--	--	7,367	4,799	-440	--	-330	--	NA	NA	2,183
Greater than 1.00 percent sulfur	--	--	77,324	23,036	4,096	--	-2,252	--	NA	NA	14,808
Petrochemical Feedstocks	--	--	80,403	40,202	-643	--	622	--	--	119,340	2,434
Naphtha for Petro. Feed. Use	--	--	51,675	14,617	-741	--	438	--	--	65,113	1,449
Other Oils for Petro. Feed. Use	--	--	28,728	25,585	98	--	184	--	--	54,227	985
Special Naphthas	--	--	10,865	3,159	-338	--	99	--	9,858	3,729	898
Lubricants	--	--	39,951	4,437	-10,343	--	1,112	--	14,850	18,083	6,402
Waxes	--	--	2,125	313	--	--	47	--	557	1,834	337
Petroleum Coke	--	--	145,097	1,765	--	--	-1,769	--	100,968	47,663	4,479
Marketable	--	--	110,050	1,765	--	--	-1,769	--	100,968	12,616	4,479
Catalyst	--	--	35,047	--	--	--	--	--	--	35,047	--
Asphalt and Road Oil	--	--	24,910	--	3,085	--	-58	--	3,046	25,007	3,203
Still Gas	--	--	109,356	--	--	--	--	--	--	109,356	--
Miscellaneous Products	--	--	13,991	31	-2	--	-11	--	275	13,756	348
Total	1,389,520	25,230	2,217,810	1,777,188	-1,206,333	-5,773	-26,978	2,030,394	630,237	1,563,988	1,154,675

-- = 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-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 and Form EIA-810, "Monthly Refinery Report."

Table 15. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, October 2011
(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	3,319	--	--	4,980	-636	-158	168	7,337	--	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	1,362	-1	340	25	171	--	-20	309	49	1,561
Pentanes Plus	172	-1	--	19	-36	--	-27	110	1	69
Liquefied Petroleum Gases	1,190	--	340	7	207	--	7	198	48	1,492
Ethane/Ethylene	588	--	21	--	283	--	54	--	--	838
Propane/Propylene	384	--	341	5	-92	--	23	--	44	571
Normal Butane/Butylene	60	--	-19	2	11	--	-68	80	4	38
Isobutane/Isobutylene	157	--	-2	--	5	--	-3	118	--	45
Other Liquids	--	81	--	441	-1,378	-68	-21	-935	154	-123
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	81	--	1	138	123	-15	240	119	0
Hydrogen	--	--	--	--	--	113	--	113	--	0
Oxygenates (excluding Fuel Ethanol)	--	56	--	--	--	-3	-15	2	66	0
Renewable Fuels (including Fuel Ethanol) ...	--	25	--	--	138	14	0	124	53	0
Fuel Ethanol ⁷	--	25	--	--	149	-3	-4	122	53	0
Renewable Fuels Except Fuel Ethanol	--	--	--	--	-11	17	4	2	--	0
Other Hydrocarbons	--	--	--	1	--	-1	--	--	--	0
Unfinished Oils	--	--	--	406	-22	--	65	442	--	-123
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	34	-1,494	-191	-71	-1,616	36	0
Reformulated	--	--	--	--	-366	91	5	-282	--	0
Conventional	--	--	--	34	-1,128	-282	-76	-1,335	34	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	--	6,984	212	-2,044	194	-158	--	2,039	3,465
Finished Motor Gasoline	--	--	2,114	18	-534	194	37	--	490	1,264
Reformulated	--	--	386	--	--	-84	-2	--	2	303
Conventional	--	--	1,728	18	-534	277	39	--	489	962
Finished Aviation Gasoline	--	--	6	--	-1	--	-3	--	--	8
Kerosene-Type Jet Fuel	--	--	693	10	-556	--	14	--	56	77
Kerosene	--	--	8	--	--	--	1	--	10	-2
Distillate Fuel Oil	--	--	2,482	--	-956	0	-205	--	771	960
15 ppm sulfur and under ⁸	--	--	2,156	--	-844	0	-149	--	608	852
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	108	--	-9	--	-16	--	98	17
Greater than 500 ppm sulfur	--	--	219	--	-102	--	-41	--	65	92
Residual Fuel Oil ⁹	--	--	279	44	24	--	32	--	277	38
Less than 0.31 percent sulfur	--	--	25	--	--	--	8	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	22	11	--	--	15	--	NA	NA
Greater than 1.00 percent sulfur	--	--	232	33	24	--	9	--	NA	NA
Petrochemical Feedstocks	--	--	250	114	4	--	11	--	--	357
Naphtha for Petro. Feed. Use	--	--	175	55	3	--	10	--	--	224
Other Oils for Petro. Feed. Use	--	--	76	58	1	--	2	--	--	133
Special Naphthas	--	--	35	9	0	--	-2	--	35	11
Lubricants	--	--	137	11	-34	--	6	--	48	60
Waxes	--	--	7	1	--	--	0	--	2	6
Petroleum Coke	--	--	488	6	--	--	-43	--	338	198
Marketable	--	--	375	6	--	--	-43	--	338	85
Catalyst	--	--	113	--	--	--	--	--	--	113
Asphalt and Road Oil	--	--	70	--	10	--	-4	--	11	74
Still Gas	--	--	367	--	--	--	--	--	--	367
Miscellaneous Products	--	--	47	--	0	--	-1	--	0	48
Total	4,681	81	7,324	5,658	-3,887	-32	-31	6,710	2,242	4,903

-- = 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-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 and Form EIA-810, "Monthly Refinery Report."

Table 16. PAD District 3 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-October 2011
(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	3,289	--	--	4,980	-745	-136	-74	7,457	4	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	1,282	0	420	46	214	--	8	285	118	1,550
Pentanes Plus	164	0	--	40	-45	--	-2	117	0	43
Liquefied Petroleum Gases	1,118	--	420	6	259	--	10	168	117	1,507
Ethane/Ethylene	552	--	19	--	276	--	-14	--	--	861
Propane/Propylene	360	--	347	2	-29	--	7	--	111	563
Normal Butane/Butylene	61	--	48	4	8	--	19	62	7	34
Isobutane/Isobutylene	145	--	5	0	3	--	-2	106	--	50
Other Liquids	--	83	--	522	-1,394	-103	25	-1,064	129	18
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	83	--	1	120	113	1	227	89	0
Hydrogen	--	--	--	--	--	107	--	107	--	0
Oxygenates (excluding Fuel Ethanol)	--	62	--	0	--	-2	0	3	57	0
Renewable Fuels (including Fuel Ethanol)	--	22	--	--	120	9	1	117	32	0
Fuel Ethanol ⁷	--	22	--	--	131	-4	0	116	32	0
Renewable Fuels Except Fuel Ethanol	--	--	--	--	-11	13	1	1	--	0
Other Hydrocarbons	--	--	--	1	--	-1	--	--	--	0
Unfinished Oils	--	--	--	462	-9	--	25	412	--	18
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	59	-1,505	-216	0	-1,702	40	0
Reformulated	--	--	--	--	-391	58	-14	-321	--	0
Conventional	--	--	--	59	-1,114	-274	13	-1,381	39	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	--	6,875	299	-2,043	220	-47	--	1,822	3,577
Finished Motor Gasoline	--	--	2,074	32	-611	220	-14	--	397	1,332
Reformulated	--	--	392	--	--	-47	-1	--	2	343
Conventional	--	--	1,682	32	-611	267	-13	--	395	989
Finished Aviation Gasoline	--	--	11	--	-4	--	0	--	--	6
Kerosene-Type Jet Fuel	--	--	714	3	-512	--	-1	--	56	151
Kerosene	--	--	9	--	0	--	1	--	4	5
Distillate Fuel Oil	--	--	2,366	5	-901	0	-24	--	620	874
15 ppm sulfur and under ⁸	--	--	2,022	2	-758	0	-11	--	461	816
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	120	1	-11	--	-4	--	97	17
Greater than 500 ppm sulfur	--	--	225	3	-132	--	-9	--	62	42
Residual Fuel Oil ⁹	--	--	297	94	12	--	-9	--	319	93
Less than 0.31 percent sulfur	--	--	19	2	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	24	16	-1	--	-1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	254	76	13	--	-7	--	NA	NA
Petrochemical Feedstocks	--	--	264	132	-2	--	2	--	--	393
Naphtha for Petro. Feed. Use	--	--	170	48	-2	--	1	--	--	214
Other Oils for Petro. Feed. Use	--	--	95	84	0	--	1	--	--	178
Special Naphthas	--	--	36	10	-1	--	0	--	32	12
Lubricants	--	--	131	15	-34	--	4	--	49	59
Waxes	--	--	7	1	--	--	0	--	2	6
Petroleum Coke	--	--	477	6	--	--	-6	--	332	157
Marketable	--	--	362	6	--	--	-6	--	332	41
Catalyst	--	--	115	--	--	--	--	--	--	115
Asphalt and Road Oil	--	--	82	--	10	--	0	--	10	82
Still Gas	--	--	360	--	--	--	--	--	--	360
Miscellaneous Products	--	--	46	0	0	--	0	--	1	45
Total	4,571	83	7,295	5,846	-3,968	-19	-89	6,679	2,073	5,145

-- = 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-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 and Form EIA-810, "Monthly Refinery Report."

Table 17. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, October 2011
(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	12,225	--	--	8,667	-3,404	-631	-475	17,328	4	0	16,591
Natural Gas Plant Liquids and Liquefied Refinery Gases	11,546	-10	126	327	-10,879	--	87	537	276	210	1,493
Pentanes Plus	1,728	-10	--	--	-1,312	--	20	132	205	49	187
Liquefied Petroleum Gases	9,818	--	126	327	-9,567	--	67	405	71	161	1,306
Ethane/Ethylene	5,493	--	--	--	-5,864	--	-1	--	--	-370	407
Propane/Propylene	2,775	--	274	311	-2,276	--	44	--	3	1,037	369
Normal Butane/Butylene	1,164	--	-124	--	-783	--	-4	193	69	-1	363
Isobutane/Isobutylene	386	--	-24	16	-644	--	28	212	--	-506	167
Other Liquids	--	440	--	--	633	-412	790	-284	--	155	5,679
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	440	--	--	235	164	7	832	--	0	242
Hydrogen	--	--	--	--	--	175	--	175	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	--	0	--
Renewable Fuels (including Fuel Ethanol)	--	440	--	--	235	-11	7	657	--	0	242
Fuel Ethanol ⁶	--	440	--	--	235	-17	6	652	--	0	241
Renewable Fuels Except Fuel Ethanol	--	--	--	--	--	6	1	5	--	0	1
Other Hydrocarbons	--	--	--	--	--	0	--	--	--	0	--
Unfinished Oils	--	--	--	--	--	--	404	-559	--	155	3,065
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	398	-576	379	-557	--	0	2,372
Reformulated	--	--	--	--	--	0	--	--	--	--	--
Conventional	--	--	--	--	398	-576	379	-557	--	0	2,372
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	18,146	115	1,016	593	305	--	92	19,473	9,526
Finished Motor Gasoline	--	--	8,767	--	-50	593	272	--	--	9,038	4,190
Reformulated	--	--	--	--	--	0	--	--	--	0	--
Conventional	--	--	8,767	--	-50	593	272	--	--	9,038	4,190
Finished Aviation Gasoline	--	--	11	--	--	--	-2	--	--	13	18
Kerosene-Type Jet Fuel	--	--	709	--	745	--	-65	--	--	1,519	569
Kerosene	--	--	4	--	--	--	1	--	5	-2	2
Distillate Fuel Oil	--	--	5,603	63	321	0	121	--	8	5,858	2,814
15 ppm sulfur and under ⁷	--	--	5,207	27	321	0	121	--	8	5,426	2,480
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	419	36	--	--	29	--	--	426	185
Greater than 500 ppm sulfur	--	--	-23	--	--	--	-29	--	--	6	149
Residual Fuel Oil ⁸	--	--	336	--	--	--	-8	--	14	330	195
Less than 0.31 percent sulfur	--	--	154	--	--	--	0	--	NA	NA	12
0.31 to 1.00 percent sulfur	--	--	39	--	--	--	2	--	NA	NA	22
Greater than 1.00 percent sulfur	--	--	143	--	--	--	-10	--	NA	NA	161
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	0	0	--
Lubricants	--	--	--	--	--	--	--	--	6	-6	--
Waxes	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	723	--	--	--	39	--	--	684	511
Marketable	--	--	486	--	--	--	39	--	--	447	511
Catalyst	--	--	237	--	--	--	--	--	--	237	--
Asphalt and Road Oil	--	--	1,128	51	--	--	-51	--	59	1,171	1,209
Still Gas	--	--	733	--	--	--	--	--	--	733	--
Miscellaneous Products	--	--	132	1	--	--	-2	--	0	135	18
Total	23,771	430	18,272	9,109	-12,634	-450	707	17,581	372	19,838	33,289

-- = 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-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 and Form EIA-810, "Monthly Refinery Report."

Table 18. PAD District 4 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-October 2011
(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	114,328	--	--	90,678	-39,631	-128	734	164,325	188	0	16,591
Natural Gas Plant Liquids and Liquefied Refinery Gases	112,691	-98	2,967	2,316	-100,056	--	61	4,467	1,656	11,636	1,493
Pentanes Plus	16,720	-98	--	--	-11,094	--	23	1,255	870	3,380	187
Liquefied Petroleum Gases	95,971	--	2,967	2,316	-88,962	--	38	3,212	786	8,256	1,306
Ethane/Ethylene	53,206	--	--	--	-53,710	--	-3	--	--	-501	407
Propane/Propylene	27,287	--	2,802	2,273	-21,783	--	3	--	47	10,529	369
Normal Butane/Butylene	11,504	--	370	6	-7,325	--	23	1,298	739	2,495	363
Isobutane/Isobutylene	3,974	--	-205	37	-6,144	--	15	1,914	--	-4,267	167
Other Liquids	--	4,276	--	3	6,361	-4,146	202	4,895	25	1,372	5,679
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	4,276	--	3	2,220	1,705	50	8,129	25	0	242
Hydrogen	--	--	--	--	--	1,868	--	1,868	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0	--
Renewable Fuels (including Fuel Ethanol)	--	4,276	--	3	2,220	-163	50	6,261	25	0	242
Fuel Ethanol ⁶	--	4,276	--	3	2,220	-214	49	6,211	25	0	241
Renewable Fuels Except Fuel Ethanol	--	--	--	--	--	51	1	50	--	0	1
Other Hydrocarbons	--	--	--	--	--	0	--	--	--	0	--
Unfinished Oils	--	--	--	--	--	--	70	-1,442	--	1,372	3,065
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	4,141	-5,851	82	-1,792	0	0	2,372
Reformulated	--	--	--	--	--	0	-2	2	--	--	--
Conventional	--	--	--	--	4,141	-5,851	84	-1,794	0	0	2,372
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	177,766	1,569	5,296	6,065	-1,717	--	779	191,634	9,526
Finished Motor Gasoline	--	--	87,880	--	-3,351	6,065	-484	--	0	91,078	4,190
Reformulated	--	--	--	--	--	2	--	--	--	2	--
Conventional	--	--	87,880	--	-3,351	6,063	-484	--	0	91,076	4,190
Finished Aviation Gasoline	--	--	142	4	--	--	-3	--	--	149	18
Kerosene-Type Jet Fuel	--	--	7,899	--	7,596	--	-173	--	10	15,658	569
Kerosene	--	--	323	--	-163	--	-44	--	104	100	2
Distillate Fuel Oil	--	--	53,524	815	1,217	0	-904	--	12	56,448	2,814
15 ppm sulfur and under ⁷	--	--	50,214	670	1,217	0	-877	--	8	52,970	2,480
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	3,447	138	--	--	-14	--	4	3,596	185
Greater than 500 ppm sulfur	--	--	-137	7	--	--	-13	--	1	-118	149
Residual Fuel Oil ⁸	--	--	3,093	31	--	--	-4	--	86	3,042	195
Less than 0.31 percent sulfur	--	--	1,366	--	--	--	5	--	NA	NA	12
0.31 to 1.00 percent sulfur	--	--	421	26	--	--	2	--	NA	NA	22
Greater than 1.00 percent sulfur	--	--	1,306	5	--	--	-11	--	NA	NA	161
Petrochemical Feedstocks	--	--	41	--	--	--	--	--	--	41	--
Naphtha for Petro. Feed. Use	--	--	41	--	--	--	--	--	--	41	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	0	0	--
Lubricants	--	--	--	2	--	--	--	--	71	-69	--
Waxes	--	--	--	--	--	--	--	--	2	-2	--
Petroleum Coke	--	--	7,478	--	--	--	100	--	1	7,377	511
Marketable	--	--	5,276	--	--	--	100	--	1	5,175	511
Catalyst	--	--	2,202	--	--	--	--	--	--	2,202	--
Asphalt and Road Oil	--	--	8,978	707	--	--	-204	--	492	9,397	1,209
Still Gas	--	--	7,147	--	--	--	--	--	--	7,147	--
Miscellaneous Products	--	--	1,261	10	-3	--	-1	--	0	1,269	18
Total	227,019	4,178	180,733	94,566	-128,030	1,791	-720	173,687	2,648	204,642	33,289

-- = 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-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 and Form EIA-810, "Monthly Refinery Report."

Table 19. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, October 2011
(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	394	--	--	280	-110	-20	-15	559	0	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	372	0	4	11	-351	--	3	17	9	7
Pentanes Plus	56	0	--	--	-42	--	1	4	7	2
Liquefied Petroleum Gases	317	--	4	11	-309	--	2	13	2	5
Ethane/Ethylene	177	--	--	--	-189	--	0	--	--	-12
Propane/Propylene	90	--	9	10	-73	--	1	--	0	33
Normal Butane/Butylene	38	--	-4	--	-25	--	0	6	2	0
Isobutane/Isobutylene	12	--	-1	1	-21	--	1	7	--	-16
Other Liquids	--	14	--	--	20	-13	25	-9	--	5
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	14	--	--	8	5	0	27	--	0
Hydrogen	--	--	--	--	--	6	--	6	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	--	0
Renewable Fuels (including Fuel Ethanol)	--	14	--	--	8	0	0	21	--	0
Fuel Ethanol ⁶	--	14	--	--	8	-1	0	21	--	0
Renewable Fuels Except Fuel Ethanol	--	--	--	--	--	0	0	0	--	0
Other Hydrocarbons	--	--	--	--	--	0	--	--	--	0
Unfinished Oils	--	--	--	--	--	--	13	-18	--	5
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	13	-19	12	-18	--	0
Reformulated	--	--	--	--	--	0	--	--	--	--
Conventional	--	--	--	--	13	-19	12	-18	--	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	585	4	-33	19	10	--	3	628
Finished Motor Gasoline	--	--	283	--	-2	19	9	--	--	292
Reformulated	--	--	--	--	--	0	--	--	--	0
Conventional	--	--	283	--	-2	19	9	--	--	292
Finished Aviation Gasoline	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	23	--	24	--	-2	--	--	49
Kerosene	--	--	0	--	--	--	0	--	0	0
Distillate Fuel Oil	--	--	181	2	10	0	4	--	0	189
15 ppm sulfur and under ⁷	--	--	168	1	10	0	4	--	0	175
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	14	1	--	--	1	--	--	14
Greater than 500 ppm sulfur	--	--	-1	--	--	--	-1	--	--	0
Residual Fuel Oil ⁸	--	--	11	--	--	--	0	--	0	11
Less than 0.31 percent sulfur	--	--	5	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	1	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	5	--	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	0	0
Lubricants	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	23	--	--	--	1	--	--	22
Marketable	--	--	16	--	--	--	1	--	--	14
Catalyst	--	--	8	--	--	--	--	--	--	8
Asphalt and Road Oil	--	--	36	2	--	--	-2	--	2	38
Still Gas	--	--	24	--	--	--	--	--	--	24
Miscellaneous Products	--	--	4	0	--	--	0	--	0	4
Total	767	14	589	294	-408	-15	23	567	12	640

-- = 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-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 and Form EIA-810, "Monthly Refinery Report."

Table 20. PAD District 4 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-October 2011
(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	376	--	--	298	-130	0	2	541	1	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	371	0	10	8	-329	--	0	15	5	38
Pentanes Plus	55	0	--	--	-36	--	0	4	3	11
Liquefied Petroleum Gases	316	--	10	8	-293	--	0	11	3	27
Ethane/Ethylene	175	--	--	--	-177	--	0	--	--	-2
Propane/Propylene	90	--	9	7	-72	--	0	--	0	35
Normal Butane/Butylene	38	--	1	0	-24	--	0	4	2	8
Isobutane/Isobutylene	13	--	-1	0	-20	--	0	6	--	-14
Other Liquids	--	14	--	0	21	-14	1	16	0	5
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	14	--	0	7	6	0	27	0	0
Hydrogen	--	--	--	--	--	6	--	6	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	14	--	0	7	-1	0	21	0	0
Fuel Ethanol ⁶	--	14	--	0	7	-1	0	20	0	0
Renewable Fuels Except Fuel Ethanol	--	--	--	--	--	0	0	0	--	0
Other Hydrocarbons	--	--	--	--	--	0	--	--	--	0
Unfinished Oils	--	--	--	--	--	--	0	-5	--	5
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	14	-19	0	-6	0	0
Reformulated	--	--	--	--	--	0	0	0	--	--
Conventional	--	--	--	--	14	-19	0	-6	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	585	5	17	20	-6	--	3	630
Finished Motor Gasoline	--	--	289	--	-11	20	-2	--	0	300
Reformulated	--	--	--	--	--	0	--	--	--	0
Conventional	--	--	289	--	-11	20	-2	--	0	300
Finished Aviation Gasoline	--	--	0	0	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	26	--	25	--	-1	--	0	52
Kerosene	--	--	1	--	-1	--	0	--	0	0
Distillate Fuel Oil	--	--	176	3	4	0	-3	--	0	186
15 ppm sulfur and under ⁷	--	--	165	2	4	0	-3	--	0	174
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	11	0	--	--	0	--	0	12
Greater than 500 ppm sulfur	--	--	0	0	--	--	0	--	0	0
Residual Fuel Oil ⁸	--	--	10	0	--	--	0	--	0	10
Less than 0.31 percent sulfur	--	--	4	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	1	0	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	4	0	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	0	--	--	--	--	--	--	0
Naphtha for Petro. Feed. Use	--	--	0	--	--	--	--	--	--	0
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	0	0
Lubricants	--	--	--	0	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	25	--	--	--	0	--	0	24
Marketable	--	--	17	--	--	--	0	--	0	17
Catalyst	--	--	7	--	--	--	--	--	--	7
Asphalt and Road Oil	--	--	30	2	--	--	-1	--	2	31
Still Gas	--	--	24	--	--	--	--	--	--	24
Miscellaneous Products	--	--	4	0	0	--	0	--	0	4
Total	747	14	595	311	-421	6	-2	571	9	673

-- = 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-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 and Form EIA-810, "Monthly Refinery Report."

Table 21. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, October 2011
(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	35,530	--	--	35,997	--	-1,850	2,304	67,372	1	0	51,002
Natural Gas Plant Liquids and Liquefied Refinery Gases	1,890	-12	1,315	153	--	--	-342	1,920	630	1,138	7,673
Pentanes Plus	944	-12	--	--	--	--	-10	681	106	155	153
Liquefied Petroleum Gases	946	--	1,315	153	--	--	-332	1,239	524	983	7,520
Ethane/Ethylene	8	--	--	--	--	--	--	--	--	8	--
Propane/Propylene	327	--	1,345	137	--	--	151	--	386	1,272	2,333
Normal Butane/Butylene	99	--	124	16	--	--	-255	700	138	-344	4,813
Isobutane/Isobutylene	512	--	-154	--	--	--	-228	539	--	47	374
Other Liquids	--	509	--	2,321	7,799	1,125	-1,194	14,262	102	-1,416	45,601
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	509	--	156	3,818	1,314	-139	5,912	24	0	2,404
Hydrogen	--	--	--	--	--	1,263	--	1,263	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	1	--	--	1	0	--
Renewable Fuels (including Fuel Ethanol)	--	509	--	156	3,818	50	-139	4,649	22	0	2,404
Fuel Ethanol ⁶	--	509	--	156	3,818	-117	-156	4,499	22	0	2,251
Renewable Fuels Except Fuel Ethanol	--	--	--	--	--	167	17	150	--	0	153
Other Hydrocarbons	--	--	--	--	--	0	--	--	--	0	--
Unfinished Oils	--	--	--	1,780	271	--	30	3,437	--	-1,416	19,436
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	385	3,710	-189	-1,085	4,913	78	0	23,761
Reformulated	--	--	--	--	2,295	-594	-1,161	2,862	--	0	11,599
Conventional	--	--	--	385	1,415	405	76	2,051	78	0	12,162
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	88,295	2,505	2,255	306	-1,704	--	8,812	86,253	35,153
Finished Motor Gasoline	--	--	46,632	44	856	306	197	--	979	46,662	4,256
Reformulated	--	--	32,824	--	--	387	1	--	206	33,004	19
Conventional	--	--	13,808	44	856	-81	196	--	773	13,658	4,237
Finished Aviation Gasoline	--	--	39	--	--	--	-66	--	--	105	197
Kerosene-Type Jet Fuel	--	--	11,454	940	224	--	-246	--	536	12,328	10,066
Kerosene	--	--	-12	--	--	--	13	--	23	-48	62
Distillate Fuel Oil	--	--	15,855	84	1,175	0	-808	--	1,993	15,929	11,983
15 ppm sulfur and under ⁷	--	--	14,070	83	1,175	0	-769	--	984	15,113	10,054
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	722	--	--	--	48	--	497	177	864
Greater than 500 ppm sulfur	--	--	1,063	1	--	--	-87	--	512	639	1,065
Residual Fuel Oil ⁸	--	--	4,104	1,320	--	--	-523	--	890	5,057	4,791
Less than 0.31 percent sulfur	--	--	46	--	--	--	-32	--	NA	NA	191
0.31 to 1.00 percent sulfur	--	--	1,159	20	--	--	24	--	NA	NA	1,108
Greater than 1.00 percent sulfur	--	--	2,899	1,300	--	--	-515	--	NA	NA	3,492
Petrochemical Feedstocks	--	--	8	35	--	--	1	--	--	42	3
Naphtha for Petro. Feed. Use	--	--	8	35	--	--	1	--	--	42	3
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	26	--	--	--	2	--	269	-245	33
Lubricants	--	--	114	6	--	--	-209	--	147	182	1,024
Waxes	--	--	--	29	--	--	--	--	6	23	--
Petroleum Coke	--	--	4,753	18	--	--	-28	--	3,806	993	1,360
Marketable	--	--	3,795	18	--	--	-28	--	3,806	35	1,360
Catalyst	--	--	958	--	--	--	--	--	--	958	--
Asphalt and Road Oil	--	--	1,187	29	--	--	-30	--	159	1,087	1,314
Still Gas	--	--	3,743	--	--	--	--	--	--	3,743	--
Miscellaneous Products	--	--	392	--	--	--	-7	--	4	395	64
Total	37,420	497	89,610	40,976	10,054	-418	-936	83,554	9,545	85,976	139,429

-- = 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-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 and Form EIA-810, "Monthly Refinery Report."

Table 22. PAD District 5 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-October 2011
(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	350,490	--	--	352,906	--	14,946	1,719	716,614	8	0	51,002
Natural Gas Plant Liquids and Liquefied Refinery Gases	17,377	-104	19,372	1,206	--	--	3,106	17,116	4,956	12,673	7,673
Pentanes Plus	7,987	-104	--	--	--	--	133	5,556	225	1,969	153
Liquefied Petroleum Gases	9,390	--	19,372	1,206	--	--	2,973	11,560	4,731	10,704	7,520
Ethane/Ethylene	80	--	--	--	--	--	--	--	--	80	--
Propane/Propylene	3,326	--	14,533	975	--	--	1,123	--	3,265	14,446	2,333
Normal Butane/Butylene	1,444	--	4,896	206	--	--	2,001	6,008	1,466	-2,929	4,813
Isobutane/Isobutylene	4,540	--	-57	25	--	--	-151	5,552	--	-893	374
Other Liquids	--	4,549	--	27,368	74,525	15,052	-5,881	127,985	1,341	-1,951	45,601
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	4,549	--	822	41,447	11,922	-23	58,155	608	0	2,404
Hydrogen	--	--	--	--	--	12,713	--	12,713	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	25	--	--	25	0	--
Renewable Fuels (including Fuel Ethanol)	--	4,549	--	822	41,447	-816	-23	45,442	583	0	2,404
Fuel Ethanol ⁶	--	4,549	--	747	41,447	-1,571	-57	44,646	583	0	2,251
Renewable Fuels Except Fuel Ethanol	--	--	--	75	--	755	34	796	--	0	153
Other Hydrocarbons	--	--	--	--	--	0	--	--	--	0	--
Unfinished Oils	--	--	--	20,311	54	--	-1,493	23,809	--	-1,951	19,436
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	6,235	33,024	3,130	-4,365	46,021	733	0	23,761
Reformulated	--	--	--	--	20,723	-1,344	-4,055	23,434	--	0	11,599
Conventional	--	--	--	6,235	12,301	4,474	-310	22,587	733	0	12,162
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	897,483	26,819	21,700	-1,559	-2,974	--	93,410	854,007	35,153
Finished Motor Gasoline	--	--	468,234	577	9,236	-1,559	101	--	13,305	463,082	4,256
Reformulated	--	--	324,848	--	--	764	5	--	1,817	323,790	19
Conventional	--	--	143,386	577	9,236	-2,323	96	--	11,488	139,292	4,237
Finished Aviation Gasoline	--	--	450	1	--	--	-31	--	--	482	197
Kerosene-Type Jet Fuel	--	--	124,103	9,523	2,695	--	-14	--	7,403	128,932	10,066
Kerosene	--	--	63	--	--	--	-93	--	147	9	62
Distillate Fuel Oil	--	--	161,128	2,237	10,546	0	-2,680	--	23,049	153,542	11,983
15 ppm sulfur and under ⁷	--	--	143,610	1,561	10,546	0	-1,801	--	13,599	143,919	10,054
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	6,222	301	--	--	-368	--	7,221	-330	864
Greater than 500 ppm sulfur ⁷	--	--	11,296	375	--	--	-511	--	2,229	9,953	1,065
Residual Fuel Oil ⁸	--	--	39,621	12,711	147	--	373	--	8,277	43,829	4,791
Less than 0.31 percent sulfur	--	--	762	--	--	--	55	--	NA	NA	191
0.31 to 1.00 percent sulfur	--	--	8,775	223	--	--	258	--	NA	NA	1,108
Greater than 1.00 percent sulfur	--	--	30,084	12,488	--	--	60	--	NA	NA	3,492
Petrochemical Feedstocks	--	--	64	373	--	--	2	--	--	435	3
Naphtha for Petro. Feed. Use	--	--	64	373	--	--	2	--	--	435	3
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	362	--	--	--	3	--	1,074	-715	33
Lubricants	--	--	5,880	70	-924	--	-298	--	2,617	2,707	1,024
Waxes	--	--	--	321	--	--	--	--	56	265	--
Petroleum Coke	--	--	45,919	254	--	--	-61	--	36,316	9,918	1,360
Marketable	--	--	36,234	254	--	--	-61	--	36,316	233	1,360
Catalyst	--	--	9,685	--	--	--	--	--	--	9,685	--
Asphalt and Road Oil	--	--	9,722	752	--	--	-275	--	1,139	9,610	1,314
Still Gas	--	--	37,940	--	--	--	--	--	--	37,940	--
Miscellaneous Products	--	--	3,997	--	--	--	-1	--	27	3,971	64
Total	367,867	4,445	916,855	408,299	96,225	28,439	-4,030	861,715	99,715	864,730	139,429

-- = 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-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 and Form EIA-810, "Monthly Refinery Report."

Table 23. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, October 2011
(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	1,146	--	--	1,161	--	-60	74	2,173	0	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	61	0	42	5	--	--	-11	62	20	37
Pentanes Plus	30	0	--	--	--	--	0	22	3	5
Liquefied Petroleum Gases	31	--	42	5	--	--	-11	40	17	32
Ethane/Ethylene	0	--	--	--	--	--	--	--	--	0
Propane/Propylene	11	--	43	4	--	--	5	--	12	41
Normal Butane/Butylene	3	--	4	1	--	--	-8	23	4	-11
Isobutane/Isobutylene	17	--	-5	--	--	--	-7	17	--	2
Other Liquids	--	16	--	75	252	36	-39	460	3	-46
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	16	--	5	123	42	-4	191	1	0
Hydrogen	--	--	--	--	--	41	--	41	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	16	--	5	123	2	-4	150	1	0
Fuel Ethanol ⁶	--	16	--	5	123	-4	-5	145	1	0
Renewable Fuels Except Fuel Ethanol	--	--	--	--	--	5	1	5	--	0
Other Hydrocarbons	--	--	--	--	--	0	--	--	--	0
Unfinished Oils	--	--	--	57	9	--	1	111	--	-46
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	12	120	-6	-35	158	3	0
Reformulated	--	--	--	--	74	-19	-37	92	--	0
Conventional	--	--	--	12	46	13	2	66	3	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	2,848	81	73	10	-55	--	284	2,782
Finished Motor Gasoline	--	--	1,504	1	28	10	6	--	32	1,505
Reformulated	--	--	1,059	--	--	12	0	--	7	1,065
Conventional	--	--	445	1	28	-3	6	--	25	441
Finished Aviation Gasoline	--	--	1	--	--	--	-2	--	--	3
Kerosene-Type Jet Fuel	--	--	369	30	7	--	-8	--	17	398
Kerosene	--	--	0	--	--	--	0	--	1	-2
Distillate Fuel Oil	--	--	511	3	38	0	-26	--	64	514
15 ppm sulfur and under ⁷	--	--	454	3	38	0	-25	--	32	488
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	23	--	--	--	2	--	16	6
Greater than 500 ppm sulfur	--	--	34	0	--	--	-3	--	17	21
Residual Fuel Oil ⁸	--	--	132	43	--	--	-17	--	29	163
Less than 0.31 percent sulfur	--	--	1	--	--	--	-1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	37	1	--	--	1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	94	42	--	--	-17	--	NA	NA
Petrochemical Feedstocks	--	--	0	1	--	--	0	--	--	1
Naphtha for Petro. Feed. Use	--	--	0	1	--	--	0	--	--	1
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	1	--	--	--	0	--	9	-8
Lubricants	--	--	4	0	--	--	-7	--	5	6
Waxes	--	--	--	1	--	--	--	--	0	1
Petroleum Coke	--	--	153	1	--	--	-1	--	123	32
Marketable	--	--	122	1	--	--	-1	--	123	1
Catalyst	--	--	31	--	--	--	--	--	--	31
Asphalt and Road Oil	--	--	38	1	--	--	-1	--	5	35
Still Gas	--	--	121	--	--	--	--	--	--	121
Miscellaneous Products	--	--	13	--	--	--	0	--	0	13
Total	1,207	16	2,891	1,322	324	-13	-30	2,695	308	2,773

-- = 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-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 and Form EIA-810, "Monthly Refinery Report."

Table 24. PAD District 5 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-October 2011
(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	1,153	--	--	1,161	--	49	6	2,357	0	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	57	0	64	4	--	--	10	56	16	42
Pentanes Plus	26	0	--	--	--	--	0	18	1	6
Liquefied Petroleum Gases	31	--	64	4	--	--	10	38	16	35
Ethane/Ethylene	0	--	--	--	--	--	--	--	--	0
Propane/Propylene	11	--	48	3	--	--	4	--	11	48
Normal Butane/Butylene	5	--	16	1	--	--	7	20	5	-10
Isobutane/Isobutylene	15	--	0	0	--	--	0	18	--	-3
Other Liquids	--	15	--	90	245	50	-19	421	4	-6
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	15	--	3	136	39	0	191	2	0
Hydrogen	--	--	--	--	--	42	--	42	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	15	--	3	136	-3	0	149	2	0
Fuel Ethanol ⁶	--	15	--	2	136	-5	0	147	2	0
Renewable Fuels Except Fuel Ethanol	--	--	--	0	--	2	0	3	--	0
Other Hydrocarbons	--	--	--	--	--	0	--	--	--	0
Unfinished Oils	--	--	--	67	0	--	-5	78	--	-6
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	21	109	10	-14	151	2	0
Reformulated	--	--	--	--	68	-4	-13	77	--	0
Conventional	--	--	--	21	40	15	-1	74	2	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	2,952	88	71	-5	-10	--	307	2,809
Finished Motor Gasoline	--	--	1,540	2	30	-5	0	--	44	1,523
Reformulated	--	--	1,069	--	--	3	0	--	6	1,065
Conventional	--	--	472	2	30	-8	0	--	38	458
Finished Aviation Gasoline	--	--	1	0	--	--	0	--	--	2
Kerosene-Type Jet Fuel	--	--	408	31	9	--	0	--	24	424
Kerosene	--	--	0	--	--	--	0	--	0	0
Distillate Fuel Oil	--	--	530	7	35	0	-9	--	76	505
15 ppm sulfur and under ⁷	--	--	472	5	35	0	-6	--	45	473
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	20	1	--	--	-1	--	24	-1
Greater than 500 ppm sulfur	--	--	37	1	--	--	-2	--	7	33
Residual Fuel Oil ⁸	--	--	130	42	0	--	1	--	27	144
Less than 0.31 percent sulfur	--	--	3	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	29	1	--	--	1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	99	41	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	0	1	--	--	0	--	--	1
Naphtha for Petro. Feed. Use	--	--	0	1	--	--	0	--	--	1
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	1	--	--	--	0	--	4	-2
Lubricants	--	--	19	0	-3	--	-1	--	9	9
Waxes	--	--	--	1	--	--	--	--	0	1
Petroleum Coke	--	--	151	1	--	--	0	--	119	33
Marketable	--	--	119	1	--	--	0	--	119	1
Catalyst	--	--	32	--	--	--	--	--	--	32
Asphalt and Road Oil	--	--	32	2	--	--	-1	--	4	32
Still Gas	--	--	125	--	--	--	--	--	--	125
Miscellaneous Products	--	--	13	--	--	--	0	--	0	13
Total	1,210	15	3,016	1,343	317	94	-13	2,835	328	2,845

-- = 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-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 and Form EIA-810, "Monthly Refinery Report."

Table 25. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, October 2011
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Supply							
Field Production	665	27,998	102,876	12,225	35,530	179,294	5,784
Alaskan	--	--	--	--	--	17,539	566
Lower 48 States	--	--	--	--	--	161,755	5,218
Imports (PAD District of Entry)	33,605	47,229	154,387	8,667	35,997	279,885	9,029
Commercial	33,605	47,229	154,387	8,667	35,997	279,885	9,029
Strategic Petroleum Reserve (SPR)	--	--	--	--	--	--	--
Net Receipts	-383	23,505	-19,718	-3,404	--	--	--
Adjustments ¹	638	6,790	-4,895	-631	-1,850	52	2
Disposition							
Stock Change ²	-626	428	5,208	-475	2,304	6,839	221
Commercial	--	--	5,208	--	--	6,839	221
SPR	--	--	0	--	--	0	0
Refinery Inputs	35,070	103,612	227,442	17,328	67,372	450,824	14,543
Exports	81	1,482	--	4	1	1,568	51
Ending Stocks							
Total	10,466	93,374	863,126	16,591	51,002	1,034,559	--
Commercial	10,466	93,374	167,175	16,591	51,002	338,608	--
Refinery	9,382	12,603	46,492	2,249	23,789	94,515	--
Tank Farms and Pipelines	976	78,122	103,981	12,086	22,697	217,862	--
Cushing, Oklahoma	--	32,045	--	--	--	32,045	--
Lease	108	2,649	16,702	2,256	548	22,263	--
Alaskan Crude Oil In-Transit by Water	--	--	--	--	3,968	3,968	--
SPR	--	--	695,951	--	--	695,951	--
SPR Stocks							
Percent of Total Crude Oil Stocks (Percent)	--	--	--	--	--	67.3	--
Percent of Total Petroleum Stocks (Percent)	--	--	--	--	--	39.3	--
Days of Total Petroleum Net Imports (Days)	--	--	--	--	--	88	--
SPR Receipts Detail							
Receipts	--	--	--	--	--	--	--
Domestic	--	--	--	--	--	--	--
Imports	--	--	--	--	--	--	--
Imported by SPR	--	--	--	--	--	--	--
Imported for SPR by Others	--	--	--	--	--	--	--
Imports							
PAD District of Entry	33,605	47,229	154,387	8,667	35,997	279,885	9,029
PAD District of Processing	33,605	47,092	156,369	6,822	35,997	279,885	9,029

-- = 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 and Form EIA-810, "Monthly Refinery Report."

Table 26. Production of Crude Oil by PAD District and State, October 2011
(Thousand Barrels)

PAD District and State	August 2011		January-August 2011	
	Total	Daily Average	Total	Daily Average
PAD District 1	630	20	5,233	22
Florida	144	5	1,297	5
New York	39	1	253	1
Pennsylvania	314	10	2,374	10
Virginia	1	0	4	0
West Virginia	158	5	1,333	5
Adjustment ¹	-26	-1	-28	0
PAD District 2	26,115	842	187,897	773
Illinois	820	26	5,974	25
Indiana	181	6	1,272	5
Kansas	3,643	118	27,691	114
Kentucky	179	6	1,555	6
Michigan	157	5	2,981	12
Missouri	9	0	81	0
Nebraska	212	7	1,445	6
North Dakota	13,838	446	92,025	379
Ohio	419	14	3,618	15
Oklahoma	6,262	202	48,241	199
South Dakota	142	5	1,079	4
Tennessee	25	1	178	1
Adjustment ¹	227	7	1,757	7
PAD District 3	104,787	3,380	801,304	3,298
Alabama	748	24	5,361	22
Arkansas	490	16	3,873	16
Louisiana	5,611	181	44,912	185
Mississippi	1,989	64	15,685	65
New Mexico	6,216	201	45,593	188
Texas	46,751	1,508	328,259	1,351
Federal Offshore PAD District 3	42,935	1,385	358,171	1,474
Adjustment ¹	47	2	-550	-2
PAD District 4	11,965	386	90,169	371
Colorado	3,021	97	20,405	84
Montana	1,947	63	15,761	65
Utah	2,187	71	17,058	70
Wyoming	4,689	151	34,915	144
Adjustment ¹	121	4	2,030	8
PAD District 5	34,864	1,125	279,906	1,152
Alaska	16,310	526	133,607	550
South Alaska	332	11	2,914	12
North Slope	15,978	515	130,694	538
Adjustment for Alaska ¹	0	0	-1	0
Arizona	6	0	23	0
California	16,562	534	132,015	543
Nevada	35	1	276	1
Federal Offshore PAD District 5	1,798	58	14,183	58
Adjustment excluding Alaska ¹	153	5	-197	-1
State Offshore Production				
U.S.	3,472	112	27,250	112
Louisiana	532	17	4,246	17
Texas	121	4	750	3
Alaska	1,783	58	13,827	57
California	1,036	33	8,428	35
U.S. Total	178,361	5,754	1,364,509	5,615

- = No Data Reported.

¹ These adjustments are used to reconcile the national and PAD District level sums of the State data with the independently estimated U.S. and Alaskan figures shown in Table 3.1 of the Monthly Energy Review and with PAD District level figures published in the Petroleum Supply Monthly from two months earlier. Revised data at the State, PAD District, and national levels will be published without adjustments in the 'Petroleum Supply Annual.'

Note: Totals may not equal sum of components due to independent rounding. All PAD District totals and the U.S. total are estimates. In addition, the following states are estimates: Alaska, Alabama, Arkansas, Colorado, Illinois, Indiana, Michigan, Missouri, Ohio, Oklahoma, New York, Pennsylvania, Texas, Utah, Virginia, West Virginia, and Wyoming.

Sources: State government agencies, U.S. Department of the Interior, Minerals Management Service and the Conservation Committee of California Oil Producers.

Table 27. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, October 2011
(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	-	1,092	1,092	2,722	832	10,201	13,755
Pentanes Plus	-	188	188	151	156	1,157	1,464
Liquefied Petroleum Gases	-	904	904	2,571	676	9,044	12,291
Ethane	-	18	18	1,395	-	4,041	5,436
Propane	-	594	594	852	435	3,125	4,412
Normal Butane	-	149	149	88	213	1,175	1,476
Isobutane	-	143	143	236	28	703	967

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	26,074	4,112	6,229	493	5,315	42,223	11,546	1,890	70,506
Pentanes Plus	3,481	446	707	92	595	5,321	1,728	944	9,645
Liquefied Petroleum Gases	22,593	3,666	5,522	401	4,720	36,902	9,818	946	60,861
Ethane	11,072	1,937	2,620	157	2,452	18,238	5,493	8	29,193
Propane	7,337	1,126	1,826	132	1,491	11,912	2,775	327	20,020
Normal Butane	2,677	-1,991	623	71	494	1,874	1,164	99	4,762
Isobutane	1,507	2,594	453	41	283	4,878	386	512	6,886

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	7	227	234	386	70	679	1,135
Pentanes Plus	-	26	26	27	26	118	171
Liquefied Petroleum Gases	7	201	208	359	44	561	964
Ethane	-	-	-	23	-	129	152
Propane	6	175	181	242	28	168	438
Normal Butane	1	17	18	41	14	168	223
Isobutane	-	9	9	53	2	96	151

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	358	688	1,219	15	56	2,336	161	478	4,344
Pentanes Plus	33	54	154	2	11	254	50	26	527
Liquefied Petroleum Gases	325	634	1,065	13	45	2,082	111	452	3,817
Ethane	107	220	-	-	-	327	2	-	481
Propane	162	310	22	9	20	523	59	62	1,263
Normal Butane	49	44	970	4	18	1,085	42	351	1,719
Isobutane	7	60	73	-	7	147	8	39	354

- = 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, October 2011
(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	32,136	2,934	35,070	69,628	14,658	19,326	103,612
Natural Gas Plant Liquids and Liquefied Refinery Gases	828	-	828	2,212	162	1,016	3,390
Pentanes Plus	-	-	-	826	1	398	1,225
Liquefied Petroleum Gases	828	-	828	1,386	161	618	2,165
Normal Butane	319	-	319	545	95	311	951
Isobutane	509	-	509	841	66	307	1,214
Other Liquids	68,190	5,527	73,717	6,178	3,604	1,317	11,099
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	8,993	903	9,896	5,058	1,224	1,388	7,670
Hydrogen	24	14	38	389	85	113	587
Oxygenates (excluding Fuel Ethanol)	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE)	-	-	-	-	-	-	-
All Other Oxygenates ¹	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol)	8,969	889	9,858	4,618	1,139	1,275	7,032
Fuel Ethanol	8,832	820	9,652	4,448	1,077	1,287	6,812
Renewable Diesel Fuel	137	69	206	170	62	-12	220
Other Renewable Fuels	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	51	-	-	51
Unfinished Oils (net)	2,772	-53	2,719	591	80	-1,554	-883
Naphthas and Lighter	482	-26	456	1,023	-10	-89	924
Kerosene and Light Gas Oils	416	-1	415	-555	-74	-224	-853
Heavy Gas Oils	987	-22	965	436	162	-586	12
Residuum	887	-4	883	-313	2	-655	-966
Motor Gasoline Blend.Comp. (MGBC)(net)	56,425	4,677	61,102	529	2,299	1,483	4,311
Reformulated - RBOB	11,474	1	11,475	-518	858	960	1,300
Conventional	44,951	4,676	49,627	1,047	1,441	523	3,011
CBOB	34,687	4,669	39,356	-298	1,409	398	1,509
GTAB	2,908	-	2,908	-	-	-	-
Other	7,356	7	7,363	1,345	32	125	1,502
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	1	-	1
Total Input	101,154	8,461	109,615	78,018	18,424	21,659	118,101

See footnotes at end of table.

Table 28. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, October 2011
(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	18,518	103,425	94,975	7,044	3,480	227,442	17,328	67,372	450,824
Natural Gas Plant Liquids and Liquefied									
Refinery Gases	513	5,139	3,708	57	149	9,566	537	1,920	16,241
Pentanes Plus	234	1,778	1,390	14	-	3,416	132	681	5,454
Liquefied Petroleum Gases	279	3,361	2,318	43	149	6,150	405	1,239	10,787
Normal Butane	36	1,660	765	21	-	2,482	193	700	4,645
Isobutane	243	1,701	1,553	22	149	3,668	212	539	6,142
Other Liquids	8,872	-18,330	-25,200	5,742	-79	-28,995	-284	14,262	69,799
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	1,631	2,829	1,693	1,088	187	7,428	832	5,912	31,738
Hydrogen	20	2,021	1,248	179	34	3,502	175	1,263	5,565
Oxygenates (excluding Fuel Ethanol)	-	77	-	-	-	77	-	-	77
Methyl Tertiary Butyl Ether (MTBE)	-	77	-	-	-	77	-	-	77
All Other Oxygenates ¹	-	-	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol)	1,611	731	445	909	153	3,849	657	4,649	26,045
Fuel Ethanol	1,563	730	445	900	153	3,791	652	4,499	25,406
Renewable Diesel Fuel	48	1	-	9	-	58	5	150	639
Other Renewable Fuels	-	-	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	-	-	-	-	-	51
Unfinished Oils (net)	-459	8,386	5,840	-204	127	13,690	-559	3,437	18,404
Naphthas and Lighter	-123	63	-485	-64	116	-493	-3	-482	402
Kerosene and Light Gas Oils	-206	-2,898	1,212	10	6	-1,876	-393	1,510	-1,197
Heavy Gas Oils	-114	8,026	951	-82	5	8,786	-83	3,164	12,844
Residuum	-16	3,195	4,162	-68	-	7,273	-80	-755	6,355
Motor Gasoline Blend.Comp. (MGBC)(net)	7,706	-29,545	-32,733	4,858	-393	-50,107	-557	4,913	19,662
Reformulated - RBOB	4,794	-10,296	-2,452	-	-781	-8,735	-	2,862	6,902
Conventional	2,912	-19,249	-30,281	4,858	388	-41,372	-557	2,051	12,760
CBOB	2,862	-19,294	-28,542	4,820	423	-39,731	-280	1,636	2,490
GTAB	-	-	-	-	-	-	-	-	2,908
Other	50	45	-1,739	38	-35	-1,641	-277	415	7,362
Aviation Gasoline Blend. Comp. (net)	-6	-	-	-	-	-6	-	-	-5
Total Input	27,903	90,234	73,483	12,843	3,550	208,013	17,581	83,554	536,864

- = 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, October 2011
(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	962	26	988	1,953	149	234	2,336
Ethane/Ethylene	3	-	3	-	-	-	-
Ethane	-	-	-	-	-	-	-
Ethylene	3	-	3	-	-	-	-
Propane/Propylene	1,330	24	1,354	2,465	340	414	3,219
Propane	642	24	666	1,528	290	248	2,066
Propylene	688	-	688	937	50	166	1,153
Normal Butane/Butylene	-344	6	-338	-520	-208	-184	-912
Normal Butane	-376	6	-370	-520	-208	-184	-912
Butylene	32	-	32	-	-	-	-
Isobutane/Isobutylene	-27	-4	-31	8	17	4	29
Isobutane	-27	-4	-31	-19	17	4	2
Isobutylene	-	-	-	27	-	-	27
Finished Motor Gasoline	82,026	6,590	88,616	44,096	11,089	12,798	67,983
Reformulated	36,501	1	36,502	8,527	1,488	1,068	11,083
Reformulated Blended with Fuel Ethanol	36,501	1	36,502	8,527	1,488	1,068	11,083
Reformulated Other	-	-	-	-	-	-	-
Conventional	45,525	6,589	52,114	35,569	9,601	11,730	56,900
Conventional Blended with Fuel Ethanol	50,840	8,334	59,174	35,879	9,114	11,670	56,663
Ed55 and Lower	50,836	8,334	59,170	35,871	9,089	11,645	56,605
Greater than Ed55	4	-	4	8	25	25	58
Conventional Other	-5,315	-1,745	-7,060	-310	487	60	237
Finished Aviation Gasoline	-	-	-	-	95	-	95
Kerosene-Type Jet Fuel	1,750	-	1,750	5,588	749	867	7,204
Kerosene	134	-25	109	117	-1	-13	103
Distillate Fuel Oil	11,687	838	12,525	18,417	4,638	6,572	29,627
15 ppm sulfur and under	6,743	736	7,479	18,363	4,365	6,308	29,036
Greater than 15 ppm to 500 ppm sulfur	190	64	254	270	347	-4	613
Greater than 500 ppm sulfur	4,754	38	4,792	-216	-74	268	-22
Residual Fuel Oil	1,838	8	1,846	1,070	311	79	1,460
Less than 0.31 percent sulfur	518	7	525	-	-	-	-
0.31 to 1.00 percent sulfur	102	1	103	90	74	-	164
Greater than 1.00 percent sulfur	1,218	-	1,218	980	237	79	1,296
Petrochemical Feedstocks	213	-	213	1,236	-	27	1,263
Naphtha for Petro. Feed. Use	213	-	213	1,038	-	25	1,063
Other Oils for Petro. Feed. Use	-	-	-	198	-	2	200
Special Naphthas	-	26	26	23	-	21	44
Lubricants	211	195	406	-	-2	278	276
Waxes	-	13	13	-	-	44	44
Petroleum Coke	1,258	20	1,278	2,994	1,043	555	4,592
Marketable	399	-	399	1,843	871	404	3,118
Catalyst	859	20	879	1,151	172	151	1,474
Asphalt and Road Oil	1,729	638	2,367	3,666	1,247	449	5,362
Still Gas	1,223	53	1,276	2,507	681	757	3,945
Miscellaneous Products	56	41	97	235	117	41	393
Total	103,087	8,423	111,510	81,902	20,116	22,709	124,727
Processing Gain(-) or Loss(+) ¹	-1,933	38	-1,895	-3,884	-1,692	-1,050	-6,626

See footnotes at end of table.

Table 29. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, October 2011
(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	405	5,115	4,966	25	39	10,550	126	1,315	15,315
Ethane/Ethylene	-	627	17	-	-	644	-	-	647
Ethane	-	454	17	-	-	471	-	-	471
Ethylene	-	173	-	-	-	173	-	-	176
Propane/Propylene	736	4,999	4,724	57	51	10,567	274	1,345	16,759
Propane	338	2,099	1,683	13	51	4,184	272	1,120	8,308
Propylene	398	2,900	3,041	44	-	6,383	2	225	8,451
Normal Butane/Butylene	-291	-295	36	-32	-12	-594	-124	124	-1,844
Normal Butane	-273	-184	-58	-32	-11	-558	-134	123	-1,851
Butylene	-18	-111	94	-	-1	-36	10	1	7
Isobutane/Isobutylene	-40	-216	189	-	-	-67	-24	-154	-247
Isobutane	-40	-198	189	-	-	-49	-24	-154	-256
Isobutylene	-	-18	-	-	-	-18	-	-	9
Finished Motor Gasoline	19,572	23,452	12,958	7,700	1,853	65,535	8,767	46,632	277,533
Reformulated	6,120	5,844	-	-	-	11,964	-	32,824	92,373
Reformulated Blended with Fuel Ethanol	6,186	5,844	-	-	-	12,030	-	32,824	92,439
Reformulated Other	-66	-	-	-	-	-66	-	-	-66
Conventional	13,452	17,608	12,958	7,700	1,853	53,571	8,767	13,808	185,160
Conventional Blended with Fuel Ethanol	9,371	1,323	4,412	8,982	1,535	25,623	6,459	11,880	159,799
Ed55 and Lower	9,369	1,323	4,412	8,981	1,535	25,620	6,455	11,877	159,727
Greater than Ed55	2	-	-	1	-	3	4	3	72
Conventional Other	4,081	16,285	8,546	-1,282	318	27,948	2,308	1,928	25,361
Finished Aviation Gasoline	77	63	56	-	-	196	11	39	341
Kerosene-Type Jet Fuel	1,165	8,597	11,571	158	2	21,493	709	11,454	42,610
Kerosene	-3	-	250	11	-	258	4	-12	462
Distillate Fuel Oil	5,352	34,953	32,685	2,554	1,405	76,949	5,603	15,855	140,559
15 ppm sulfur and under	4,990	32,917	25,141	2,379	1,403	66,830	5,207	14,070	122,622
Greater than 15 ppm to 500 ppm sulfur	399	84	2,797	57	-	3,337	419	722	5,345
Greater than 500 ppm sulfur	-37	1,952	4,747	118	2	6,782	-23	1,063	12,592
Residual Fuel Oil	206	4,808	3,526	-97	200	8,643	336	4,104	16,389
Less than 0.31 percent sulfur	-	405	370	-	-	775	154	46	1,500
0.31 to 1.00 percent sulfur	73	132	514	-45	11	685	39	1,159	2,150
Greater than 1.00 percent sulfur	133	4,271	2,642	-52	189	7,183	143	2,899	12,739
Petrochemical Feedstocks	98	5,206	2,447	9	-	7,760	-	8	9,244
Naphtha for Petro. Feed. Use	93	3,777	1,535	9	-	5,414	-	8	6,698
Other Oils for Petro. Feed. Use	5	1,429	912	-	-	2,346	-	-	2,546
Special Naphthas	175	610	106	202	-	1,093	-	26	1,189
Lubricants	13	2,263	1,085	880	-	4,241	-	114	5,037
Waxes	-	129	55	24	-	208	-	-	265
Petroleum Coke	483	7,892	6,555	165	19	15,114	723	4,753	26,460
Marketable	273	5,901	5,279	165	-	11,618	486	3,795	19,416
Catalyst	210	1,991	1,276	-	19	3,496	237	958	7,044
Asphalt and Road Oil	502	160	269	1,196	55	2,182	1,128	1,187	12,226
Still Gas	760	5,787	4,409	221	185	11,362	733	3,743	21,059
Miscellaneous Products	90	804	534	19	11	1,458	132	392	2,472
Total	28,895	99,839	81,472	13,067	3,769	227,042	18,272	89,610	571,161
Processing Gain(-) or Loss(+) ¹	-992	-9,605	-7,989	-224	-219	-19,029	-691	-6,056	-34,297

- = No Data Reported.

¹ Note: 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, October 2011
(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	32,136	2,934	35,070	69,628	14,658	19,326	103,612
Natural Gas Plant Liquids	608	-	608	2,155	122	699	2,976
Pentanes Plus	-	-	-	826	1	392	1,219
Liquefied Petroleum Gases	608	-	608	1,329	121	307	1,757
Normal Butane	99	-	99	488	55	-	543
Isobutane	509	-	509	841	66	307	1,214
Other Liquids	-9,276	153	-9,123	-28,328	-3,730	-1,404	-33,462
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	207	129	336	586	146	220	952
Hydrogen	24	14	38	389	85	113	587
Oxygenates (excluding Fuel Ethanol)	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE)	-	-	-	-	-	-	-
All Other Oxygenates ¹	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol)	183	115	298	146	61	107	314
Fuel Ethanol	183	98	281	126	51	102	279
Renewable Diesel Fuel	-	17	17	20	10	5	35
Other Renewable Fuels	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	51	-	-	51
Unfinished Oils (net)	2,267	-52	2,215	666	80	-1,554	-808
Naphthas and Lighter	482	-26	456	1,027	-10	-89	928
Kerosene and Light Gas Oils	-67	-	-67	-484	-74	-224	-782
Heavy Gas Oils	956	-22	934	436	162	-586	12
Residuum	896	-4	892	-313	2	-655	-966
Motor Gasoline Blend.Comp. (MGBC)(net)	-11,750	76	-11,674	-29,580	-3,957	-70	-33,607
Reformulated - RBOB	-10,214	-	-10,214	-8,531	-500	-	-9,031
Conventional	-1,536	76	-1,460	-21,049	-3,457	-70	-24,576
CBOB	-1,709	74	-1,635	-21,459	-3,373	-195	-25,027
GTAB	132	-	132	-	-	-	-
Other	41	2	43	410	-84	125	451
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	1	-	1
Total Input to Refineries	23,468	3,087	26,555	43,455	11,050	18,621	73,126
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,037	95	1,131	2,250	474	633	3,357
Operable Capacity (daily average)	1,523	95	1,618	2,433	428	860	3,721
Operable Utilization Rate (percent) ²	68.1	99.8	70.0	92.5	110.7	73.6	90.2
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	166	15	181	450	76	127	653
Catalytic Cracking	452	16	468	728	135	134	997
Catalytic Hydrocracking	9	-	9	147	43	51	241
Delayed and Fluid Coking	60	-	60	210	66	45	321
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.74	1.67	0.82	1.29	2.19	0.80	1.33
API Gravity, Weighted Average (degrees)	31.23	32.46	31.33	33.38	28.25	36.60	33.26
Operable Capacity (daily average)	1,523	95	1,618	2,433	428	860	3,721
Operating	1,177	95	1,272	2,372	428	848	3,648
Idle	345	-	345	62	-	12	74
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, October 2011
(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	18,518	103,425	94,975	7,044	3,480	227,442	17,328	67,372	450,824
Natural Gas Plant Liquids	486	4,597	3,708	36	149	8,976	534	1,920	15,014
Pentanes Plus	234	1,527	1,390	14	—	3,165	132	681	5,197
Liquefied Petroleum Gases	252	3,070	2,318	22	149	5,811	402	1,239	9,817
Normal Butane	9	1,369	765	—	—	2,143	190	700	3,675
Isobutane	243	1,701	1,553	22	149	3,668	212	539	6,142
Other Liquids	-4,002	-25,138	-27,903	-277	-617	-57,937	-1,496	-25,086	-127,104
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	175	2,150	1,394	207	83	4,009	456	1,435	7,188
Hydrogen	20	2,021	1,248	179	34	3,502	175	1,263	5,565
Oxygenates (excluding Fuel Ethanol)	—	77	—	—	—	77	—	—	77
Methyl Tertiary Butyl Ether (MTBE)	—	77	—	—	—	77	—	—	77
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	155	52	146	28	49	430	281	172	1,495
Fuel Ethanol	127	52	146	28	49	402	281	148	1,391
Renewable Diesel Fuel	28	—	—	—	—	28	—	24	104
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	51
Unfinished Oils (net)	-459	8,386	5,840	-204	127	13,690	-559	3,437	17,975
Naphthas and Lighter	-123	63	-485	-64	116	-493	-3	-482	406
Kerosene and Light Gas Oils	-206	-2,898	1,212	10	6	-1,876	-393	1,510	-1,608
Heavy Gas Oils	-114	8,026	951	-82	5	8,786	-83	3,164	12,813
Residuum	-16	3,195	4,162	-68	—	7,273	-80	-755	6,364
Motor Gasoline Blend.Comp. (MGBC)(net)	-3,712	-35,674	-35,137	-280	-827	-75,630	-1,393	-29,958	-152,262
Reformulated - RBOB	-760	-15,551	-2,452	—	-781	-19,544	—	-25,474	-64,263
Conventional	-2,952	-20,123	-32,685	-280	-46	-56,086	-1,393	-4,484	-87,999
CBOB	-3,002	-18,117	-30,946	-281	-11	-52,357	-1,116	-4,899	-85,034
GTAB	—	—	—	—	—	—	—	—	132
Other	50	-2,006	-1,739	1	-35	-3,729	-277	415	-3,097
Aviation Gasoline Blend. Comp. (net)	-6	—	—	—	—	-6	—	—	-5
Total Input to Refineries	15,002	82,884	70,780	6,803	3,012	178,481	16,366	44,206	338,734
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	560	3,475	3,252	204	112	7,603	558	2,390	15,040
Operable Capacity (daily average)	658	4,059	3,551	235	143	8,646	624	3,128	17,736
Operable Utilization Rate (percent) ²	85.1	85.6	91.6	87.0	78.6	87.9	89.5	76.4	84.8
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	114	514	474	32	25	1,160	100	356	2,451
Catalytic Cracking	142	1,177	1,007	20	32	2,378	156	687	4,687
Catalytic Hydrocracking	20	351	347	15	—	733	12	461	1,457
Delayed and Fluid Coking	33	601	559	23	—	1,215	60	457	2,114
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.79	1.78	1.48	1.63	0.98	1.56	1.35	1.39	1.42
API Gravity, Weighted Average (degrees)	36.95	29.01	29.71	29.80	36.84	30.10	33.10	27.17	30.57
Operable Capacity (daily average)	658	4,059	3,551	235	143	8,646	624	3,128	17,736
Operating	658	3,901	3,496	235	126	8,416	624	2,856	16,816
Idle	—	159	55	—	17	230	—	271	921
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	16,101	16,101

— = 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, October 2011
(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	962	26	988	1,953	149	234	2,336
Ethane/Ethylene	3	-	3	-	-	-	-
Ethane	-	-	-	-	-	-	-
Ethylene	3	-	3	-	-	-	-
Propane/Propylene	1,330	24	1,354	2,465	340	414	3,219
Propane	642	24	666	1,528	290	248	2,066
Propylene	688	-	688	937	50	166	1,153
Normal Butane/Butylene	-344	6	-338	-520	-208	-184	-912
Normal Butane	-376	6	-370	-520	-208	-184	-912
Butylene	32	-	32	-	-	-	-
Isobutane/Isobutylene	-27	-4	-31	8	17	4	29
Isobutane	-27	-4	-31	-19	17	4	2
Isobutylene	-	-	-	27	-	-	27
Finished Motor Gasoline	4,964	1,230	6,194	9,634	3,769	9,745	23,148
Reformulated	1,795	-	1,795	-	-	-	-
Reformulated Blended with Fuel Ethanol	1,795	-	1,795	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-
Conventional	3,169	1,230	4,399	9,634	3,769	9,745	23,148
Conventional Blended with Fuel Ethanol	24	1,046	1,070	1,260	520	1,045	2,825
Ed55 and Lower	24	1,046	1,070	1,260	520	1,045	2,825
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	3,145	184	3,329	8,374	3,249	8,700	20,323
Finished Aviation Gasoline	-	-	-	-	95	-	95
Kerosene-Type Jet Fuel	2,028	-	2,028	5,692	750	868	7,310
Commercial	2,028	-	2,028	5,571	697	566	6,834
Military	-	-	-	121	53	302	476
Kerosene	41	14	55	150	-	-13	137
Distillate Fuel Oil	10,996	787	11,783	18,181	4,586	6,589	29,356
15 ppm sulfur and under	6,917	685	7,602	18,255	4,313	6,337	28,905
Greater than 15 ppm to 500 ppm sulfur	189	64	253	142	347	-16	473
Greater than 500 ppm sulfur	3,890	38	3,928	-216	-74	268	-22
Residual Fuel Oil	1,726	8	1,734	1,070	311	79	1,460
Less than 0.31 percent sulfur	485	7	492	-	-	-	-
0.31 to 1.00 percent sulfur	362	1	363	90	74	-	164
Greater than 1.00 percent sulfur	879	-	879	980	237	79	1,296
Petrochemical Feedstocks	213	-	213	1,236	-	27	1,263
Naphtha for Petro. Feed. Use	213	-	213	1,038	-	25	1,063
Other Oils for Petro. Feed. Use	-	-	-	198	-	2	200
Special Naphthas	-	26	26	23	-	21	44
Lubricants	211	195	406	-	-	278	278
Naphthenic	-	-	-	-	-	-	-
Paraffinic	211	195	406	-	-	278	278
Waxes	-	13	13	-	-	44	44
Petroleum Coke	1,258	20	1,278	2,994	1,043	555	4,592
Marketable	399	-	399	1,843	871	404	3,118
Catalyst	859	20	879	1,151	172	151	1,474
Asphalt and Road Oil	1,729	638	2,367	3,666	1,244	448	5,358
Still Gas	1,223	53	1,276	2,507	681	757	3,945
Miscellaneous Products	56	41	97	235	117	41	393
Fuel Use	-	-	-	-	-	-	-
Nonfuel Use	56	41	97	235	117	41	393
Total	25,407	3,051	28,458	47,341	12,745	19,673	79,759
Processing Gain(-) or Loss(+) ¹	-1,939	36	-1,903	-3,886	-1,695	-1,052	-6,633

See footnotes at end of table.

Table 31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, October 2011
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						Total	PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico					
Liquefied Refinery Gases	405	5,115	4,966	25	39	10,550	126	1,315	15,315	
Ethane/Ethylene	-	627	17	-	-	644	-	-	647	
Ethane	-	454	17	-	-	471	-	-	471	
Ethylene	-	173	-	-	-	173	-	-	176	
Propane/Propylene	736	4,999	4,724	57	51	10,567	274	1,345	16,759	
Propane	338	2,099	1,683	13	51	4,184	272	1,120	8,308	
Propylene	398	2,900	3,041	44	-	6,383	2	225	8,451	
Normal Butane/Butylene	-291	-295	36	-32	-12	-594	-124	124	-1,844	
Normal Butane	-273	-184	-58	-32	-11	-558	-134	123	-1,851	
Butylene	-18	-111	94	-	-1	-36	10	1	7	
Isobutane/Isobutylene	-40	-216	189	-	-	-67	-24	-154	-247	
Isobutane	-40	-198	189	-	-	-49	-24	-154	-256	
Isobutylene	-	-18	-	-	-	-18	-	-	9	
Finished Motor Gasoline	6,691	16,103	10,255	1,669	1,315	36,033	7,557	7,408	80,340	
Reformulated	-66	-	-	-	-	-66	-	1,173	2,902	
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	1,173	2,968	
Reformulated Other	-66	-	-	-	-	-66	-	-	-66	
Conventional	6,757	16,103	10,255	1,669	1,315	36,099	7,557	6,235	77,438	
Conventional Blended with Fuel Ethanol	1,272	517	1,421	279	482	3,971	2,812	288	10,966	
Ed55 and Lower	1,270	517	1,421	279	482	3,969	2,812	288	10,964	
Greater than Ed55	2	-	-	-	-	2	-	-	2	
Conventional Other	5,485	15,586	8,834	1,390	833	32,128	4,745	5,947	66,472	
Finished Aviation Gasoline	77	63	56	-	-	196	11	39	341	
Kerosene-Type Jet Fuel	1,165	8,758	11,571	158	2	21,654	709	11,502	43,203	
Commercial	736	7,340	11,096	60	-	19,232	617	10,155	38,866	
Military	429	1,418	475	98	2	2,422	92	1,347	4,337	
Kerosene	-3	-	250	11	-	258	4	-11	443	
Distillate Fuel Oil	5,332	34,791	32,697	2,545	1,405	76,770	5,598	15,685	139,192	
15 ppm sulfur and under	4,970	32,735	25,141	2,370	1,403	66,619	5,202	13,898	122,226	
Greater than 15 ppm to 500 ppm sulfur	399	39	2,797	57	-	3,292	419	763	5,200	
Greater than 500 ppm sulfur	-37	2,017	4,759	118	2	6,859	-23	1,024	11,766	
Residual Fuel Oil	206	4,808	3,514	-97	200	8,631	336	4,104	16,265	
Less than 0.31 percent sulfur	-	392	370	-	-	762	154	46	1,454	
0.31 to 1.00 percent sulfur	73	94	514	-45	11	647	39	1,159	2,372	
Greater than 1.00 percent sulfur	133	4,322	2,630	-52	189	7,222	143	2,899	12,439	
Petrochemical Feedstocks	98	5,206	2,447	9	-	7,760	-	8	9,244	
Naphtha for Petro. Feed. Use	93	3,777	1,535	9	-	5,414	-	8	6,698	
Other Oils for Petro. Feed. Use	5	1,429	912	-	-	2,346	-	-	2,546	
Special Naphthas	175	610	106	202	-	1,093	-	26	1,189	
Lubricants	13	2,263	1,085	880	-	4,241	-	114	5,039	
Naphthenic	13	83	-	715	-	811	-	91	902	
Paraffinic	-	2,180	1,085	165	-	3,430	-	23	4,137	
Waxes	-	129	55	24	-	208	-	-	265	
Petroleum Coke	483	7,892	6,555	165	19	15,114	723	4,753	26,460	
Marketable	273	5,901	5,279	165	-	11,618	486	3,795	19,416	
Catalyst	210	1,991	1,276	-	19	3,496	237	958	7,044	
Asphalt and Road Oil	502	160	269	1,196	55	2,182	1,128	1,187	12,222	
Still Gas	760	5,787	4,409	221	185	11,362	733	3,743	21,059	
Miscellaneous Products	90	804	534	19	11	1,458	132	392	2,472	
Fuel Use	-	-	-	-	-	-	-	-	-	
Nonfuel Use	90	804	534	19	11	1,458	132	392	2,472	
Total	15,994	92,489	78,769	7,027	3,231	197,510	17,057	50,265	373,049	
Processing Gain(-) or Loss(+) ¹	-992	-9,605	-7,989	-224	-219	-19,029	-691	-6,059	-34,315	

- = No Data Reported.

¹ Note: 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, October 2011
(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	220	-	220	57	40	317	414		
Pentanes Plus	-	-	-	-	-	6	6		
Liquefied Petroleum Gases	220	-	220	57	40	311	408		
Normal Butane	220	-	220	57	40	311	408		
Isobutane	-	-	-	-	-	-	-		
Other Liquids	77,466	5,374	82,840	34,506	7,334	2,721	44,561		
Oxygenates/Renewables	8,786	774	9,560	4,472	1,078	1,168	6,718		
Oxygenates (excluding Fuel Ethanol)	-	-	-	-	-	-	-		
Methyl Tertiary Butyl Ether (MTBE)	-	-	-	-	-	-	-		
All Other Oxygenates ¹	-	-	-	-	-	-	-		
Renewable Fuels (including Fuel Ethanol)	8,786	774	9,560	4,472	1,078	1,168	6,718		
Fuel Ethanol	8,649	722	9,371	4,322	1,026	1,185	6,533		
Renewable Diesel Fuel	137	52	189	150	52	-17	185		
Other Renewable Fuels	-	-	-	-	-	-	-		
Unfinished Oils (net)	505	-1	504	-75	-	-	-75		
Naphthas and Lighter	-	-	-	-4	-	-	-4		
Kerosene and Light Gas Oils	483	-1	482	-71	-	-	-71		
Heavy Gas Oils	31	-	31	-	-	-	-		
Residuum	-9	-	-9	-	-	-	-		
Motor Gasoline Blend.Comp. (MGBC)(net)	68,175	4,601	72,776	30,109	6,256	1,553	37,918		
Reformulated - RBOB	21,688	1	21,689	8,013	1,358	960	10,331		
Conventional	46,487	4,600	51,087	22,096	4,898	593	27,587		
CBOB	36,396	4,595	40,991	21,161	4,782	593	26,536		
GTAB	2,776	-	2,776	-	-	-	-		
Other	7,315	5	7,320	935	116	-	1,051		
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-		
Total Input	77,686	5,374	83,060	34,563	7,374	3,038	44,975		
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	27	542	-	21	-	590	3	-	1,227
Pentanes Plus	-	251	-	-	-	251	-	-	257
Liquefied Petroleum Gases	27	291	-	21	-	339	3	-	970
Normal Butane	27	291	-	21	-	339	3	-	970
Isobutane	-	-	-	-	-	-	-	-	-
Other Liquids	12,874	6,808	2,703	6,019	538	28,942	1,212	39,348	196,903
Oxygenates/Renewables	1,456	679	299	881	104	3,419	376	4,477	24,550
Oxygenates (excluding Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE)	-	-	-	-	-	-	-	-	-
All Other Oxygenates ¹	-	-	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol)	1,456	679	299	881	104	3,419	376	4,477	24,550
Fuel Ethanol	1,436	678	299	872	104	3,389	371	4,351	24,015
Renewable Diesel Fuel	20	1	-	9	-	30	5	126	535
Other Renewable Fuels	-	-	-	-	-	-	-	-	-
Unfinished Oils (net)	-	-	-	-	-	-	-	-	429
Naphthas and Lighter	-	-	-	-	-	-	-	-	-4
Kerosene and Light Gas Oils	-	-	-	-	-	-	-	-	411
Heavy Gas Oils	-	-	-	-	-	-	-	-	31
Residuum	-	-	-	-	-	-	-	-	-9
Motor Gasoline Blend.Comp. (MGBC)(net)	11,418	6,129	2,404	5,138	434	25,523	836	34,871	171,924
Reformulated - RBOB	5,554	5,255	-	-	-	10,809	-	28,336	71,165
Conventional	5,864	874	2,404	5,138	434	14,714	836	6,535	100,759
CBOB	5,864	-1,177	2,404	5,101	434	12,626	836	6,535	87,524
GTAB	-	-	-	-	-	-	-	-	2,776
Other	-	2,051	-	37	-	2,088	-	-	10,459
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-	-	-
Total Input	12,901	7,350	2,703	6,040	538	29,532	1,215	39,348	198,130

- = 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, October 2011
(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	77,062	5,360	82,422	34,462	7,320	3,053	44,835
Reformulated	34,706	1	34,707	8,527	1,488	1,068	11,083
Reformulated Blended with Fuel Ethanol	34,706	1	34,707	8,527	1,488	1,068	11,083
Reformulated Other	-	-	-	-	-	-	-
Conventional	42,356	5,359	47,715	25,935	5,832	1,985	33,752
Conventional Blended with Fuel Ethanol	50,816	7,288	58,104	34,619	8,594	10,625	53,838
Ed55 and Lower	50,812	7,288	58,100	34,611	8,569	10,600	53,780
Greater than Ed55	4	-	4	8	25	25	58
Conventional Other	-8,460	-1,929	-10,389	-8,684	-2,762	-8,640	-20,086
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	-278	-	-278	-104	-1	-1	-106
Kerosene	93	-39	54	-33	-1	-	-34
Distillate Fuel Oil	691	51	742	236	52	-17	271
15 ppm sulfur and under	-174	51	-123	108	52	-29	131
Greater than 15 ppm to 500 ppm sulfur	1	-	1	128	0	12	140
Greater than 500 ppm sulfur	864	-	864	-	-	-	-
Residual Fuel Oil	112	-	112	-	-	-	-
Less than 0.31 percent sulfur	33	-	33	-	-	-	-
0.31 to 1.00 percent sulfur	-260	-	-260	-	-	-	-
Greater than 1.00 percent sulfur	339	-	339	-	-	-	-
Special Naphthas	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-2	-	-2
Asphalt and Road Oil	-	-	-	-	3	1	4
Miscellaneous Products	-	-	-	-	-	-	-
Total Production	77,680	5,372	83,052	34,561	7,371	3,036	44,968
Processing Gain(-) or Loss(+) ¹	6	2	8	2	3	2	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			
Finished Motor Gasoline	12,881	7,349	2,703	6,031	538	29,502	1,210	39,224	197,193
Reformulated	6,186	5,844	-	-	-	12,030	-	31,651	89,471
Reformulated Blended with Fuel Ethanol	6,186	5,844	-	-	-	12,030	-	31,651	89,471
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	6,695	1,505	2,703	6,031	538	17,472	1,210	7,573	107,722
Conventional Blended with Fuel Ethanol	8,099	806	2,991	8,703	1,053	21,652	3,647	11,592	148,833
Ed55 and Lower	8,099	806	2,991	8,702	1,053	21,651	3,643	11,589	148,763
Greater than Ed55	-	-	-	1	-	1	4	3	70
Conventional Other	-1,404	699	-288	-2,672	-515	-4,180	-2,437	-4,019	-41,111
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	-	-161	-	-	-	-161	-	-48	-593
Kerosene	-	-	-	-	-	-	-	-1	19
Distillate Fuel Oil	20	162	-12	9	-	179	5	170	1,367
15 ppm sulfur and under	20	182	-	9	-	211	5	172	396
Greater than 15 ppm to 500 ppm sulfur	-	45	-	-	-	45	-	-41	145
Greater than 500 ppm sulfur	-	-65	-12	-	-	-77	-	39	826
Residual Fuel Oil	-	0	12	-	-	12	-	-	124
Less than 0.31 percent sulfur	-	13	-	-	-	13	-	-	46
0.31 to 1.00 percent sulfur	-	38	-	-	-	38	-	-	-222
Greater than 1.00 percent sulfur	-	-51	12	-	-	-39	-	-	300
Special Naphthas	-	-	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-	-	-2
Asphalt and Road Oil	-	-	-	-	-	-	-	-	4
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total Production	12,901	7,350	2,703	6,040	538	29,532	1,215	39,345	198,112
Processing Gain(-) or Loss(+) ¹	0	0	0	0	0	0	0	3	18

- = No Data Reported.

¹ Note: 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, October 2011
(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	8,997	385	9,382	8,842	1,558	2,203	12,603
Petroleum Products	26,376	1,686	28,062	30,084	6,012	12,164	48,260
Pentanes Plus	—	—	—	128	47	255	430
Liquefied Petroleum Gases	2,670	71	2,741	3,303	312	1,297	4,912
Ethane/Ethylene	—	—	—	—	—	—	—
Propane/Propylene	389	2	391	1,592	27	881	2,500
Normal Butane/Butylene	1,955	59	2,014	1,545	221	269	2,035
Isobutane/Isobutylene	326	10	336	166	64	147	377
Oxygenates/Renewable Fuels/Other Hydrocarbons	85	95	180	83	24	18	125
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	85	95	180	47	24	18	89
Fuel Ethanol	85	93	178	37	19	18	74
Renewable Diesel Fuel	—	2	2	10	5	—	15
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	36	—	—	36
Unfinished Oils	6,473	355	6,828	8,420	779	4,978	14,177
Naphthas and Lighter	1,201	225	1,426	2,338	159	1,317	3,814
Kerosene and Light Gas Oils	786	—	786	1,868	159	597	2,624
Heavy Gas Oils	2,711	123	2,834	2,792	456	2,055	5,303
Residuum	1,775	7	1,782	1,422	5	1,009	2,436
Motor Gasoline Blending Components (MGBC)	7,303	120	7,423	7,189	1,503	1,030	9,722
Reformulated - RBOB	2,755	—	2,755	1,009	—	—	1,009
Conventional	4,548	120	4,668	6,180	1,503	1,030	8,713
CBOB	387	100	487	2,255	698	78	3,031
GTAB	176	—	176	—	—	—	—
Other	3,985	20	4,005	3,925	805	952	5,682
Aviation Gasoline Blending Components	—	—	—	—	3	—	3
Finished Motor Gasoline	708	37	745	1,087	656	1,455	3,198
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	708	37	745	1,087	656	1,455	3,198
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	708	37	745	1,087	656	1,455	3,198
Finished Aviation Gasoline	—	—	—	—	70	—	70
Kerosene-Type Jet Fuel	853	—	853	1,434	284	333	2,051
Kerosene	68	6	74	122	—	13	135
Distillate Fuel Oil	6,141	262	6,403	3,818	1,095	1,835	6,748
15 ppm sulfur and under	2,288	95	2,383	3,473	662	1,230	5,365
Greater than 15 ppm to 500 ppm sulfur	559	147	706	33	219	43	295
Greater than 500 ppm sulfur	3,294	20	3,314	312	214	562	1,088
Residual Fuel Oil	691	11	702	743	286	29	1,058
Less than 0.31 percent sulfur	141	9	150	—	—	—	—
0.31 to 1.00 percent sulfur	154	2	156	105	55	—	160
Greater than 1.00 percent sulfur	396	—	396	638	231	29	898
Petrochemical Feedstocks	207	—	207	523	—	10	533
Naphtha for Petro. Feed. Use	207	—	207	432	—	10	442
Other Oils for Petro. Feed. Use	—	—	—	91	—	—	91
Special Naphthas	—	19	19	59	—	15	74
Lubricants	384	224	608	—	—	287	287
Waxes	—	201	201	—	—	42	42
Petroleum Coke	—	—	—	395	109	50	554
Marketable	—	—	—	395	109	50	554
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	778	270	1,048	2,731	814	506	4,051
Miscellaneous Products	15	15	30	49	30	11	90
Total Stocks, All Oils	35,373	2,071	37,444	38,926	7,570	14,367	60,863

See footnotes at end of table.

Table 34. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, October 2011
(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	1,414	26,930	16,259	1,540	349	46,492	2,249	23,789	94,515
Petroleum Products	10,432	55,886	49,499	4,109	1,484	121,410	10,456	52,699	260,887
Pentanes Plus	74	90	205	2	—	371	20	7	828
Liquefied Petroleum Gases	2,657	676	4,437	11	116	7,897	449	2,097	18,096
Ethane/Ethylene	261	—	—	—	—	261	—	—	261
Propane/Propylene	1,319	72	293	4	4	1,692	94	147	4,824
Normal Butane/Butylene	953	412	3,463	3	93	4,924	242	1,631	10,846
Isobutane/Isobutylene	124	192	681	4	19	1,020	113	319	2,165
Oxygenates/Renewable Fuels/Other Hydrocarbons	34	106	17	19	8	184	77	61	627
Oxygenates (excluding Fuel Ethanol)	—	89	—	—	—	89	—	—	89
Methyl Tertiary Butyl Ether (MTBE)	—	89	—	—	—	89	—	—	89
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	34	17	17	19	8	95	77	61	502
Fuel Ethanol	28	17	17	19	8	89	77	34	452
Renewable Diesel Fuel	6	—	—	—	—	6	—	27	50
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	36
Unfinished Oils	3,200	21,708	16,291	894	481	42,574	3,065	19,336	85,980
Naphthas and Lighter	1,465	5,792	2,755	158	210	10,380	811	4,024	20,455
Kerosene and Light Gas Oils	722	4,522	2,390	182	77	7,893	612	2,789	14,704
Heavy Gas Oils	384	8,222	8,681	513	194	17,994	1,204	10,320	37,655
Residuum	629	3,172	2,465	41	—	6,307	438	2,203	13,166
Motor Gasoline Blending Components (MGBC)	1,641	11,650	11,008	183	315	24,797	1,998	14,063	58,003
Reformulated - RBOB	138	1,525	281	—	—	1,944	—	5,264	10,972
Conventional	1,503	10,125	10,727	183	315	22,853	1,998	8,799	47,031
CBOB	316	3,738	4,979	58	108	9,199	274	1,059	14,050
GTAB	—	—	—	—	—	—	—	—	176
Other	1,187	6,387	5,748	125	207	13,654	1,724	7,740	32,805
Aviation Gasoline Blending Components	11	—	—	—	—	11	—	—	14
Finished Motor Gasoline	908	2,298	2,202	133	80	5,621	1,708	1,895	13,167
Reformulated	—	—	—	—	—	—	—	19	19
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	19	19
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	908	2,298	2,202	133	80	5,621	1,708	1,876	13,148
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	62	—	62
Ed55 and Lower	—	—	—	—	—	—	62	—	62
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	908	2,298	2,202	133	80	5,621	1,646	1,876	13,086
Finished Aviation Gasoline	45	176	165	—	—	386	18	59	533
Kerosene-Type Jet Fuel	320	2,425	2,784	83	—	5,612	251	4,256	13,023
Kerosene	19	—	136	9	—	164	2	26	401
Distillate Fuel Oil	785	6,006	6,561	631	299	14,282	1,286	5,021	33,740
15 ppm sulfur and under	659	5,296	4,730	439	187	11,311	990	3,872	23,921
Greater than 15 ppm to 500 ppm sulfur	62	294	813	61	—	1,230	147	444	2,822
Greater than 500 ppm sulfur	64	416	1,018	131	112	1,741	149	705	6,997
Residual Fuel Oil	36	2,680	1,488	58	75	4,337	195	2,851	9,143
Less than 0.31 percent sulfur	—	42	105	—	—	147	12	100	409
0.31 to 1.00 percent sulfur	4	133	125	35	2	299	22	833	1,470
Greater than 1.00 percent sulfur	32	2,505	1,258	23	73	3,891	161	1,918	7,264
Petrochemical Feedstocks	95	1,501	836	2	—	2,434	—	3	3,177
Naphtha for Petro. Feed. Use	33	889	525	2	—	1,449	—	3	2,101
Other Oils for Petro. Feed. Use	62	612	311	—	—	985	—	—	1,076
Special Naphthas	92	528	—	57	—	677	—	33	803
Lubricants	42	2,082	1,846	901	—	4,871	—	742	6,508
Waxes	—	162	104	71	—	337	—	—	580
Petroleum Coke	18	3,461	1,000	—	—	4,479	511	1,360	6,904
Marketable	18	3,461	1,000	—	—	4,479	511	1,360	6,904
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	420	183	267	1,054	109	2,033	858	825	8,815
Miscellaneous Products	35	154	152	1	1	343	18	64	545
Total Stocks, All Oils	11,846	82,816	65,758	5,649	1,833	167,902	12,705	76,488	355,402

— = 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, October 2011

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	2.8	0.9	2.7	2.8	1.0	1.3	2.3
Finished Motor Gasoline ¹	46.2	36.2	45.4	51.9	50.7	50.1	51.4
Finished Aviation Gasoline ²	-	-	-	-	0.6	-	0.1
Kerosene-Type Jet Fuel	5.9	-	5.4	8.1	5.1	4.9	7.1
Kerosene	0.1	0.5	0.2	0.2	-	-0.1	0.1
Distillate Fuel Oil	32.0	26.7	31.6	25.8	31.1	37.1	28.5
Residual Fuel Oil	5.0	0.3	4.7	1.5	2.1	0.4	1.4
Naphtha for Petro. Feed. Use	0.6	-	0.6	1.5	-	0.1	1.0
Other Oils for Petro. Feed. Use	-	-	-	0.3	-	0.0	0.2
Special Naphthas	-	0.9	0.1	0.0	-	0.1	0.0
Lubricants	0.6	6.8	1.1	-	-	1.6	0.3
Waxes	-	0.5	0.0	-	-	0.3	0.0
Petroleum Coke	3.7	0.7	3.4	4.3	7.1	3.1	4.5
Asphalt and Road Oil	5.0	22.1	6.4	5.2	8.4	2.5	5.2
Still Gas	3.6	1.8	3.4	3.6	4.6	4.3	3.8
Miscellaneous Products	0.2	1.4	0.3	0.3	0.8	0.2	0.4
Processing Gain(-) or Loss(+) ³	-5.5	1.3	-5.0	-5.5	-11.5	-5.9	-6.5

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Liquefied Refinery Gases	2.2	4.6	4.9	0.4	1.1	4.4	0.8	1.9	3.3
Finished Motor Gasoline ¹	54.1	40.3	40.0	24.9	53.0	40.9	47.5	48.1	44.9
Finished Aviation Gasoline ²	0.5	0.1	0.1	-	-	0.1	0.1	0.1	0.1
Kerosene-Type Jet Fuel	6.5	7.8	11.5	2.3	0.1	9.0	4.2	16.2	9.2
Kerosene	0.0	-	0.3	0.2	-	0.1	0.0	0.0	0.1
Distillate Fuel Oil	29.4	31.1	32.4	37.2	39.0	31.8	33.4	22.1	29.7
Residual Fuel Oil	1.1	4.3	3.5	-1.4	5.5	3.6	2.0	5.8	3.5
Naphtha for Petro. Feed. Use	0.5	3.4	1.5	0.1	-	2.3	-	0.0	1.4
Other Oils for Petro. Feed. Use	0.0	1.3	0.9	-	-	1.0	-	-	0.5
Special Naphthas	1.0	0.6	0.1	3.0	-	0.5	-	0.0	0.3
Lubricants	0.1	2.0	1.1	12.9	-	1.8	-	0.2	1.1
Waxes	-	0.1	0.1	0.4	-	0.1	-	-	0.1
Petroleum Coke	2.7	7.1	6.5	2.4	0.5	6.3	4.3	6.7	5.6
Asphalt and Road Oil	2.8	0.1	0.3	17.5	1.5	0.9	6.7	1.7	2.6
Still Gas	4.2	5.2	4.4	3.2	5.1	4.7	4.4	5.3	4.5
Miscellaneous Products	0.5	0.7	0.5	0.0	0.0	0.6	0.8	0.6	0.5
Processing Gain(-) or Loss(+) ³	-5.5	-8.6	-7.9	-3.3	-6.1	-7.9	-4.1	-8.6	-7.3

- = 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 Note: 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, October 2011
(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	637	710	4,613	5,960
Connecticut	-	-	-	-
Delaware	-	130	-	130
Florida	-	-	653	653
Georgia	-	-	660	660
Maine	-	-	-	-
Maryland	-	-	157	157
Massachusetts	-	-	-	-
New Hampshire	-	-	-	-
New Jersey	630	-	1,574	2,204
New York	7	418	1,121	1,546
North Carolina	-	-	-	-
Pennsylvania	-	161	-	161
Rhode Island	-	-	-	-
South Carolina	-	-	298	298
Vermont	-	1	2	3
Virginia	-	-	148	148
West Virginia	-	-	-	-
PAD District 2	2	72	9	83
Illinois	-	-	-	-
Indiana	-	-	-	-
Michigan	-	15	5	20
Minnesota	2	41	4	47
North Dakota	-	16	-	16
Ohio	-	-	-	-
Wisconsin	-	-	-	-
PAD District 3	-	348	1,021	1,369
Alabama	-	-	-	-
Louisiana	-	165	-	165
Mississippi	-	-	106	106
New Mexico	-	-	-	-
Texas	-	183	915	1,098
PAD District 4	-	-	-	-
Idaho	-	-	-	-
Montana	-	-	-	-
PAD District 5	-	20	1,300	1,320
Alaska	-	-	-	-
California	-	-	1,243	1,243
Hawaii	-	-	-	-
Oregon	-	-	35	35
Washington	-	20	22	42
U.S. Total	639	1,150	6,943	8,732

- = 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, October 2011
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	33,605	47,092	156,369	6,822	35,997	279,885	9,029
Natural Gas Plant Liquids and Liquefied Refinery Gases	1,080	1,865	785	327	153	4,210	136
Pentanes Plus	—	37	578	—	—	615	20
Liquefied Petroleum Gases	1,080	1,828	207	327	153	3,595	116
Ethane	—	—	—	—	—	—	—
Ethylene	—	3	—	—	—	3	0
Propane	487	1,272	—	311	137	2,207	71
Propylene	281	247	147	—	—	675	22
Normal Butane	139	77	—	—	16	232	7
Butylene	—	114	60	—	—	174	6
Isobutane	173	115	—	16	—	304	10
Isobutylene	—	—	—	—	—	—	—
Other Liquids	17,670	150	13,656	—	2,321	33,797	1,090
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	351	93	32	—	156	632	20
Hydrogen	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
Other Oxygenates ³	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	351	38	—	—	156	545	18
Fuel Ethanol	351	—	—	—	156	507	16
Biomass-Based Diesel Fuel	—	38	—	—	—	38	1
Other Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	55	32	—	—	87	3
Unfinished Oils ¹	2,385	—	12,579	—	1,780	16,744	540
Naphthas and Lighter	363	—	1,209	—	—	1,572	51
Kerosene and Lighter Gas Oils	—	—	—	—	—	—	—
Heavy Gas Oils	1,034	—	3,008	—	1,780	5,822	188
Residuum	988	—	8,362	—	—	9,350	302
Motor Gasoline Blend.Comp. (MGBC)	14,934	57	1,045	—	385	16,421	530
Reformulated - RBOB	3,506	—	—	—	—	3,506	113
Conventional	11,428	57	1,045	—	385	12,915	417
CBOB	1,811	—	—	—	60	1,871	60
GTAB	3,435	—	—	—	—	3,435	111
Other	6,182	57	1,045	—	325	7,609	245
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	13,048	676	6,585	115	2,505	22,929	740
Finished Motor Gasoline	1,421	2	568	—	44	2,035	66
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	1,421	2	568	—	44	2,035	66
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	1,421	2	568	—	44	2,035	66
Finished Aviation Gasoline	1	2	—	—	—	3	0
Kerosene-Type Jet Fuel	628	—	317	—	940	1,885	61
Bonded Aircraft Fuel	207	—	—	—	613	820	26
Other	421	—	317	—	327	1,065	34
Kerosene	303	—	—	—	—	303	10
Distillate Fuel Oil	3,758	44	—	63	84	3,949	127
15 ppm sulfur and under	2,107	42	—	27	83	2,259	73
Bonded	—	—	—	—	9	9	0
Other	2,107	42	—	27	74	2,250	73
Greater than 15 ppm to 500 ppm sulfur	24	2	—	36	—	62	2
Bonded	—	—	—	—	—	—	—
Other	24	2	—	36	—	62	2
Greater than 500 ppm to 2000 ppm sulfur	1,627	—	—	—	1	1,628	53
Bonded	—	—	—	—	—	—	—
Other	1,627	—	—	—	1	1,628	53
Greater than 2000 ppm	—	—	—	—	—	—	—
Bonded	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—
Residual Fuel Oil	5,960	83	1,369	—	1,320	8,732	282
Less than 0.31 percent sulfur	637	2	—	—	—	639	21
0.31 to 1.00 percent sulfur	710	72	348	—	20	1,150	37
Greater than 1.00 percent sulfur	4,613	9	1,021	—	1,300	6,943	224
Petrochemical Feedstocks	105	102	3,520	—	35	3,762	121
Naphtha for Petro. Feed. Use	104	65	1,720	—	35	1,924	62
Other Oils for Petro. Feed. Use	1	37	1,800	—	—	1,838	59
Special Naphthas	68	38	283	—	—	389	13
Lubricants	210	179	330	—	6	725	23
Waxes	75	2	22	—	29	128	4
Petroleum Coke (Marketable)	200	65	176	—	18	459	15
Asphalt and Road Oil	318	155	—	51	29	553	18
Miscellaneous Products	1	4	—	1	—	6	0
Total	65,403	49,783	177,395	7,264	40,976	340,821	10,994

— = 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-October 2011
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	325,684	458,114	1,513,295	71,321	352,915	2,721,329	8,952
Natural Gas Plant Liquids and Liquefied Refinery Gases ..	15,252	19,034	13,884	2,316	1,206	51,692	170
Pentanes Plus	—	298	12,165	—	—	12,463	41
Liquefied Petroleum Gases	15,252	18,736	1,719	2,316	1,206	39,229	129
Ethane	—	—	—	—	—	—	—
Ethylene	—	100	—	—	—	100	0
Propane	9,423	10,145	—	2,273	975	22,816	75
Propylene	3,087	4,964	558	—	—	8,609	28
Normal Butane	1,079	1,113	—	6	206	2,404	8
Butylene	25	1,173	1,136	—	—	2,334	8
Isobutane	1,638	1,241	—	37	25	2,941	10
Isobutylene	—	—	25	—	—	25	0
Other Liquids	224,075	1,758	158,620	3	27,368	411,824	1,355
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	1,957	886	169	3	822	3,837	13
Hydrogen	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol)	—	—	5	—	—	5	0
Methyl Tertiary Butyl Ether (MTBE)	—	—	5	—	—	5	0
Other Oxygenates ³	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	1,308	149	—	3	822	2,282	8
Fuel Ethanol	1,299	—	—	3	747	2,049	7
Biomass-Based Diesel Fuel	—	149	—	—	75	224	1
Other Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Renewable Fuels	9	—	—	—	—	9	0
Other Hydrocarbons	649	737	164	—	—	1,550	5
Unfinished Oils ¹	28,134	202	140,597	—	20,311	189,244	623
Naphthas and Lighter	3,759	—	15,015	—	274	19,048	63
Kerosene and Lighter Gas Oils	—	—	—	—	17	17	0
Heavy Gas Oils	19,034	202	50,155	—	20,020	89,411	294
Residium	5,341	—	75,427	—	—	80,768	266
Motor Gasoline Blend.Comp. (MGBC)	193,984	670	17,854	—	6,235	218,743	720
Reformulated - RBOB	55,471	12	—	—	—	55,483	183
Conventional	138,513	658	17,854	—	6,235	163,260	537
CBOB	21,061	112	—	—	2,714	23,887	79
GTAB	25,872	61	809	—	153	26,895	88
Other	91,580	485	17,045	—	3,368	112,478	370
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	158,513	9,016	90,860	1,569	26,819	286,777	943
Finished Motor Gasoline	23,586	265	9,726	—	577	34,154	112
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	23,586	265	9,726	—	577	34,154	112
Conventional Blended with Fuel Ethanol	—	67	—	—	—	67	0
Ed55 and Lower	—	67	—	—	—	67	0
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	23,586	198	9,726	—	577	34,087	112
Finished Aviation Gasoline	16	32	—	4	1	53	0
Kerosene-Type Jet Fuel	11,702	—	977	—	9,523	22,202	73
Bonded Aircraft Fuel	2,304	—	—	—	3,793	6,097	20
Other	9,398	—	977	—	5,730	16,105	53
Kerosene	477	1	—	—	—	478	2
Distillate Fuel Oil	49,438	721	1,665	815	2,237	54,876	181
15 ppm sulfur and under	31,480	584	594	670	1,561	34,889	115
Bonded	—	—	—	—	9	9	0
Other	31,480	584	594	670	1,552	34,880	115
Greater than 15 ppm to 500 ppm sulfur	1,249	122	307	138	301	2,117	7
Bonded	—	—	—	—	—	—	—
Other	1,249	122	307	138	301	2,117	7
Greater than 500 ppm to 2000 ppm sulfur	15,669	15	45	3	371	16,103	53
Bonded	—	—	—	—	—	—	—
Other	15,669	15	45	3	371	16,103	53
Greater than 2000 ppm	1,040	—	719	4	4	1,767	6
Bonded	—	—	—	—	—	—	—
Other	1,040	—	719	4	4	1,767	6
Residual Fuel Oil	65,023	1,972	28,585	31	12,711	108,322	356
Less than 0.31 percent sulfur	15,401	27	750	—	—	16,178	53
0.31 to 1.00 percent sulfur	4,465	1,425	4,799	26	223	10,938	36
Greater than 1.00 percent sulfur	45,157	520	23,036	5	12,488	81,206	267
Petrochemical Feedstocks	602	1,178	40,202	—	373	42,355	139
Naphtha for Petro. Feed. Use	539	644	14,617	—	373	16,173	53
Other Oils for Petro. Feed. Use	63	534	25,585	—	—	26,182	86
Special Naphthas	245	439	3,159	—	—	3,843	13
Lubricants	1,259	2,095	4,437	2	70	7,863	26
Waxes	707	13	313	—	321	1,354	4
Petroleum Coke (Marketable)	1,462	660	1,765	—	254	4,141	14
Asphalt and Road Oil	3,988	1,574	—	707	752	7,021	23
Miscellaneous Products	8	66	31	10	—	115	0
Total	723,524	487,922	1,776,659	75,209	408,308	3,471,622	11,420

— = 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, October 2011
(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	125,350	-	-	2,115	-	-	-	-	2,100	2,100
Algeria	1,974	-	-	1,183	-	-	-	-	-	-
Angola	12,780	-	-	376	-	-	-	-	-	-
Ecuador	5,348	-	-	-	-	-	-	-	185	185
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	15,189	-	-	-	-	-	-	-	-	-
Kuwait	8,556	-	-	-	-	-	-	-	-	-
Libya	-	-	-	59	-	-	-	-	-	-
Nigeria	19,539	-	-	497	-	-	-	-	1,262	1,262
Qatar	515	-	-	-	-	-	-	-	-	-
Saudi Arabia	34,714	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	26,735	-	-	-	-	-	-	-	653	653
Non-OPEC	154,535	615	3,595	14,629	-	2,035	2,035	3,506	10,815	14,321
Argentina	351	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	1,211	-	-	-	-	250	250
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	349	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	665	-	-	-	-	-	-
Brazil	4,740	-	52	50	-	-	-	-	52	52
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	954	-	-	-	-	-	-	-	-	-
Canada	70,395	37	3,160	-	-	1,002	1,002	1,865	629	2,494
Chad	827	-	-	-	-	-	-	-	-	-
China	240	-	-	-	-	-	-	-	-	-
Colombia	16,233	-	-	578	-	-	-	-	192	192
Congo (Brazzaville)	2,801	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	5	5
Egypt	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	33	-	-	-	294	596	890
Gabon	451	-	-	-	-	-	-	-	-	-
Germany	-	-	-	149	-	-	-	-	-	-
Guatemala	244	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	175	175	-	473	473
Indonesia	973	-	-	-	-	-	-	-	-	-
Italy	-	-	-	149	-	107	107	-	28	28
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	222	222
Lithuania	-	-	-	55	-	-	-	-	9	9
Malaysia	-	-	-	-	-	-	-	-	279	279
Mexico	33,612	271	8	315	-	-	-	-	247	247
Netherlands	-	-	87	245	-	-	-	-	301	301
Netherlands Antilles	-	-	-	-	-	-	-	-	110	110
Norway	3,291	-	173	701	-	-	-	-	1,293	1,293
Oman	1,360	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	286	286	-	457	457
Russia	11,863	-	-	7,948	-	-	-	-	217	217
Spain	-	-	60	-	-	-	-	-	843	843
Sweden	-	-	-	184	-	-	-	-	314	314
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	1,359	-	-	350	-	-	-	-	-	-
United Kingdom	862	-	-	266	-	465	465	486	2,339	2,825
Vietnam	409	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	861	1,859	2,720
Yemen	-	-	-	-	-	-	-	-	-	-
Other	3,570	307	55	1,381	-	0	0	0	100	100
Total	279,885	615	3,595	16,744	-	2,035	2,035	3,506	12,915	16,421
Persian Gulf³	58,974	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, October 2011
(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	-	-	507	38	-	-	2,259	62	1,628	-	3,949
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	311	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	38	-	-	1,543	62	875	-	2,480
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	-	-	196	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	716	-	753	-	1,469
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	0	0	-	-	0	0	0	-	0
Total	-	-	507	38	-	-	2,259	62	1,628	-	3,949
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, October 2011
(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	—	—	—	243	—	630	—	3	633
Algeria	—	—	—	—	—	630	—	—	630
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	243	—	—	—	3	3
Non-OPEC	303	3	—	1,642	389	9	1,150	6,940	8,099
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	224	224
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	253	253
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	516	—	516
Brunel	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	28	3	—	100	200	9	319	2,057	2,385
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	915	915
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	67	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	613	122	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	1,418	1,418
Netherlands	—	—	—	—	—	—	—	26	26
Netherlands Antilles	—	—	—	100	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	132	634	766
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	269	269
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	1,037	1,037
United Kingdom	—	—	—	—	—	—	183	—	183
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	275	—	—	212	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	0	0	—	617	0	0	0	107	107
Total	303	3	—	1,885	389	639	1,150	6,943	8,732
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, October 2011
(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	480	1,234	—	85	1	30	—	6,921	132,271	4,044	223	4,267
Algeria	360	1,227	—	—	—	—	—	3,400	5,374	64	110	173
Angola	—	—	—	—	—	—	—	376	13,156	412	12	424
Ecuador	—	—	—	—	—	—	—	185	5,533	173	6	178
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	15,189	490	—	490
Kuwait	—	—	—	60	—	—	—	60	8,616	276	2	278
Libya	—	—	—	—	—	—	—	59	59	—	2	2
Nigeria	95	—	—	—	—	—	—	1,854	21,393	630	60	690
Qatar	—	—	—	—	—	—	—	—	515	17	—	17
Saudi Arabia	—	—	—	—	—	—	—	—	34,714	1,120	—	1,120
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	25	7	—	25	1	30	—	987	27,722	862	32	894
Non-OPEC	1,444	604	128	374	552	695	6	54,015	208,550	4,985	1,742	6,727
Argentina	—	7	—	83	—	1	—	91	442	11	3	14
Aruba	—	—	—	174	—	—	—	1,859	1,859	—	60	60
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	602	602	—	19	19
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	135	—	—	—	—	2	—	802	802	—	26	26
Brazil	49	—	—	—	—	—	—	1,060	5,800	153	34	187
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	954	31	—	31
Canada	93	59	21	82	552	262	6	13,057	83,452	2,271	421	2,692
Chad	—	—	—	—	—	—	—	—	827	27	—	27
China	—	—	16	—	—	—	—	16	256	8	1	8
Colombia	—	—	—	—	—	—	—	1,685	17,918	524	54	578
Congo (Brazzaville)	—	—	—	—	—	—	—	—	2,801	90	—	90
Denmark	—	—	—	—	—	—	—	5	5	—	0	0
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	23	—	23	23	—	1	1
France	—	23	—	—	—	10	—	956	956	—	31	31
Gabon	—	—	—	—	—	—	—	—	451	15	—	15
Germany	5	—	—	2	—	8	—	231	231	—	7	7
Guatemala	—	—	—	—	—	—	—	—	244	8	—	8
India	—	—	—	—	—	—	—	648	648	—	21	21
Indonesia	—	—	—	—	—	1	—	1	974	31	0	31
Italy	—	—	—	—	—	5	—	289	289	—	9	9
Korea, South	59	—	—	—	—	205	—	999	999	—	32	32
Latvia	—	—	—	—	—	—	—	222	222	—	7	7
Lithuania	—	—	—	—	—	—	—	64	64	—	2	2
Malaysia	—	—	6	—	—	—	—	285	285	—	9	9
Mexico	603	—	—	—	—	—	—	2,862	36,474	1,084	92	1,177
Netherlands	56	—	1	—	—	—	—	716	716	—	23	23
Netherlands Antilles	—	—	—	—	—	—	—	210	210	—	7	7
Norway	96	—	16	—	—	—	—	2,279	5,570	106	74	180
Oman	—	—	—	—	—	—	—	—	1,360	44	—	44
Portugal	—	—	—	—	—	20	—	763	763	—	25	25
Russia	—	515	—	—	—	—	—	9,446	21,309	383	305	687
Spain	—	—	—	33	—	129	—	1,065	1,065	—	34	34
Sweden	—	—	—	—	—	—	—	767	767	—	25	25
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	1,583	2,942	44	51	95
United Kingdom	15	—	—	—	—	28	—	3,782	4,644	28	122	150
Vietnam	—	—	—	—	—	—	—	—	409	13	—	13
Virgin Islands, U.S.	—	—	—	—	—	—	—	4,676	4,676	—	151	151
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	333	0	68	0	0	1	0	2,971	6,541	114	96	211
Total	1,924	1,838	128	459	553	725	6	60,936	340,821	9,029	1,966	10,994
Persian Gulf ³	—	—	—	60	—	—	—	60	59,034	1,902	2	1,904

— = 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 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-October 2011
(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	1,296,562	4,280	4,275	34,887	–	1,582	1,582	578	20,499	21,077
Algeria	57,691	645	4,065	21,604	–	5	5	–	2,197	2,197
Angola	100,864	499	–	2,971	–	–	–	–	–	–
Ecuador	60,769	–	–	–	–	–	–	–	560	560
Iran	–	–	–	–	–	–	–	–	–	–
Iraq	144,232	–	–	–	–	–	–	–	–	–
Kuwait	53,429	–	–	–	–	–	–	–	–	–
Libya	3,328	–	210	445	–	–	–	–	272	272
Nigeria	244,940	881	–	4,920	–	340	340	52	8,289	8,341
Qatar	1,943	–	–	–	–	–	–	–	–	–
Saudi Arabia	356,809	522	–	503	–	257	257	–	308	308
United Arab Emirates	2,043	–	–	1,048	–	–	–	–	–	–
Venezuela	270,514	1,733	–	3,396	–	980	980	526	8,873	9,399
Non-OPEC	1,424,767	8,183	34,954	154,357	–	32,572	32,572	54,905	142,761	197,666
Argentina	8,745	–	–	–	–	–	–	–	465	465
Aruba	–	–	–	18,432	–	–	–	–	931	931
Australia	638	–	–	–	–	–	–	–	–	–
Bahamas	–	–	–	2,076	–	–	–	–	1,460	1,460
Bahrain	–	–	–	–	–	–	–	–	–	–
Belgium	–	7	240	12,924	–	–	–	156	1,113	1,269
Brazil	66,099	–	294	1,506	–	–	–	–	345	345
Brunei	–	–	–	–	–	–	–	–	–	–
Cameroon	10,255	–	–	658	–	–	–	–	–	–
Canada	659,210	298	31,827	1,495	–	10,262	10,262	23,916	13,286	37,202
Chad	15,594	–	–	–	–	–	–	–	–	–
China	615	–	–	–	–	–	–	–	–	–
Colombia	115,600	–	–	1,179	–	–	–	–	1,355	1,355
Congo (Brazzaville)	19,012	–	–	–	–	–	–	–	83	83
Denmark	–	–	–	405	–	–	–	7	89	96
Egypt	–	–	–	–	–	–	–	–	35	35
Equatorial Guinea	6,934	–	–	–	–	–	–	–	–	–
Estonia	–	–	–	3,594	–	–	–	–	–	–
Finland	–	–	–	259	–	–	–	–	2,994	2,994
France	–	–	–	308	–	1,783	1,783	2,690	4,907	7,597
Gabon	10,481	–	–	–	–	–	–	–	–	–
Germany	–	–	–	609	–	–	–	194	505	699
Guatemala	2,833	–	–	–	–	–	–	–	–	–
India	–	–	–	2,683	–	2,709	2,709	2,279	8,872	11,151
Indonesia	6,979	–	–	–	–	–	–	–	–	–
Italy	–	–	160	2,170	–	4,402	4,402	–	3,435	3,435
Korea, South	–	–	106	86	–	830	830	–	1,716	1,716
Latvia	–	–	–	–	–	–	–	63	2,131	2,194
Lithuania	–	–	–	55	–	–	–	–	1,300	1,300
Malaysia	–	–	61	481	–	–	–	–	279	279
Mexico	337,525	4,349	324	3,695	–	–	–	–	2,368	2,368
Netherlands	–	–	167	5,559	–	4,095	4,095	683	16,800	17,483
Netherlands Antilles	–	310	–	–	–	–	–	–	1,416	1,416
Norway	16,234	369	1,295	5,854	–	1,560	1,560	102	5,777	5,879
Oman	11,986	–	–	–	–	–	–	–	310	310
Portugal	–	–	–	953	–	1,009	1,009	–	3,160	3,160
Russia	79,040	–	–	70,079	–	39	39	105	8,046	8,151
Spain	–	–	137	707	–	1,650	1,650	17	13,319	13,336
Sweden	–	–	–	678	–	251	251	86	4,199	4,285
Syria	1,076	–	–	1,593	–	–	–	–	134	134
Trinidad and Tobago	10,240	–	–	2,187	–	250	250	–	567	567
United Kingdom	10,818	140	–	2,567	–	3,710	3,710	11,343	17,982	29,325
Vietnam	3,062	–	–	–	–	–	–	–	–	–
Virgin Islands, U.S.	–	–	–	5,219	–	22	22	13,258	17,467	30,725
Yemen	2,077	–	–	–	–	–	–	–	–	–
Other	29,714	2,710	343	6,346	–	0	0	6	5,915	5,921
Total	2,721,329	12,463	39,229	189,244	–	34,154	34,154	55,483	163,260	218,743
Persian Gulf³	558,456	522	–	1,551	–	257	257	–	308	308

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-October 2011
(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	-	-	-	-	-	-	1,824	-	-	463	2,287
Algeria	-	-	-	-	-	-	167	-	-	-	167
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	463	463
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	1,657	-	-	-	1,657
Non-OPEC	5	-	2,049	224	-	9	33,065	2,117	16,103	1,304	52,589
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	165	950	-	-	1,115
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	22	-	-	-	22
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	13	-	-	-	13
Brazil	-	-	819	-	-	-	-	-	-	119	119
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	47	149	-	9	22,817	1,012	7,663	244	31,736
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	181	-	181
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	110	-	-	110
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	59	-	-	-	59
Gabon	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	45	-	-	45
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	146	-	-	-	146
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	7	-	-	-	7
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	334	-	381	-	715
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Russia	5	-	-	-	-	-	1,354	-	499	874	2,727
Spain	-	-	-	-	-	-	95	-	-	-	95
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	522	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	238	-	238
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	7,612	-	7,141	-	14,753
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	0	-	661	75	-	0	441	0	0	67	508
Total	5	-	2,049	224	-	9	34,889	2,117	16,103	1,767	54,876
Persian Gulf³	-	-	-	-	-	-	-	-	-	-	-

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-October 2011
(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	—	—	—	5,451	338	11,772	244	824	12,840
Algeria	—	—	—	—	—	11,772	—	—	11,772
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	119	119
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	38	38
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	244	—	244
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	33	338	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	5,418	—	—	—	667	667
Non-OPEC	478	53	—	16,751	3,505	4,406	10,694	80,382	95,482
Argentina	—	—	—	—	80	—	—	—	—
Aruba	—	—	—	929	—	—	—	224	224
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	152	247	3,244	3,643
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	130	142	63	508	713
Brazil	—	—	—	—	20	—	1,441	337	1,778
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	145	—	145
Canada	203	53	—	2,087	1,046	896	4,129	17,708	22,733
Chad	—	—	—	—	—	—	21	20	41
China	—	—	—	—	22	—	—	—	—
Colombia	—	—	—	69	—	7	212	7,069	7,288
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	250	250
Finland	—	—	—	—	—	23	34	958	1,015
France	—	—	—	—	24	—	—	77	77
Gabon	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	82	—	—	14	14
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	692	76	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	11	—	—	—	—
Korea, South	—	—	—	7,807	1,686	—	—	—	—
Latvia	—	—	—	—	—	—	—	478	478
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	332	—	—	—	15,404	15,404
Netherlands	—	—	—	—	68	417	595	780	1,792
Netherlands Antilles	—	—	—	613	—	859	432	—	1,291
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	3	—	—	3
Russia	—	—	—	—	—	120	2,275	16,982	19,377
Spain	—	—	—	—	—	—	—	315	315
Sweden	—	—	—	—	—	318	14	1,724	2,056
Syria	—	—	—	—	—	—	—	379	379
Trinidad and Tobago	—	—	—	—	—	109	181	8,722	9,012
United Kingdom	—	—	—	—	12	3	411	1,166	1,580
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	275	—	—	1,945	—	895	—	1,777	2,672
Yemen	—	—	—	—	—	—	200	—	200
Other	0	0	—	2,277	248	462	294	2,246	3,002
Total	478	53	—	22,202	3,843	16,178	10,938	81,206	108,322
Persian Gulf³	—	—	—	33	338	—	—	38	38

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-October 2011
(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	2,234	14,524	—	505	71	142	—	105,206	1,401,768	4,265	346	4,611
Algeria	1,335	14,073	—	—	—	—	—	55,863	113,554	190	184	374
Angola	203	—	—	—	—	—	—	3,673	104,537	332	12	344
Ecuador	—	—	—	—	—	—	—	679	61,448	200	2	202
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	38	144,270	474	0	475
Kuwait	—	—	—	242	—	—	—	242	53,671	176	1	177
Libya	195	422	—	—	—	—	—	1,544	4,872	11	5	16
Nigeria	95	—	—	—	—	—	—	15,552	260,492	806	51	857
Qatar	—	—	—	—	—	—	—	—	1,943	6	—	6
Saudi Arabia	18	—	—	—	—	—	—	1,979	358,788	1,174	7	1,180
United Arab Emirates	—	—	—	—	—	—	—	1,048	3,091	7	3	10
Venezuela	388	29	—	263	71	142	—	24,588	295,102	890	81	971
Non-OPEC	13,939	11,658	1,354	3,636	6,950	7,721	115	645,087	2,069,854	4,687	2,122	6,809
Argentina	128	50	1	507	—	8	—	1,239	9,984	29	4	33
Aruba	1,197	—	—	671	—	—	—	23,499	23,499	—	77	77
Australia	14	—	—	—	—	—	—	14	652	2	0	2
Bahamas	—	—	—	—	—	—	—	7,201	7,201	—	24	24
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	450	315	—	—	—	91	31	16,183	16,183	—	53	53
Brazil	164	—	—	17	—	19	—	5,151	71,250	217	17	234
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	803	11,058	34	3	36
Canada	1,428	712	208	1,118	6,809	2,938	84	153,181	812,391	2,168	504	2,672
Chad	—	—	—	—	—	—	—	41	15,635	51	0	51
China	—	—	471	61	—	9	—	564	1,179	2	2	4
Colombia	21	—	—	—	—	—	—	10,093	125,693	380	33	413
Congo (Brazzaville)	—	—	—	—	—	—	—	83	19,095	63	0	63
Denmark	—	—	—	—	—	—	—	501	501	—	2	2
Egypt	—	—	23	—	—	—	—	58	58	—	0	0
Equatorial Guinea	62	1,504	—	—	—	—	—	1,566	8,500	23	5	28
Estonia	—	—	—	—	—	—	—	3,954	3,954	—	13	13
Finland	59	—	—	—	—	118	—	4,445	4,445	—	15	15
France	15	203	—	—	—	85	—	10,151	10,151	—	33	33
Gabon	—	—	—	—	—	—	—	—	10,481	34	—	34
Germany	49	—	9	23	—	63	—	1,548	1,548	—	5	5
Guatemala	—	—	—	—	—	—	—	—	2,833	9	—	9
India	14	—	—	—	—	—	—	17,370	17,370	—	57	57
Indonesia	—	—	—	—	—	224	—	224	7,203	23	1	24
Italy	210	—	15	—	—	165	—	10,568	10,568	—	35	35
Korea, South	1,434	—	—	—	—	3,176	—	16,987	16,987	—	56	56
Latvia	—	—	—	—	—	—	—	2,672	2,672	—	9	9
Lithuania	—	—	—	—	—	—	—	1,355	1,355	—	4	4
Malaysia	—	—	115	—	—	19	—	962	962	—	3	3
Mexico	5,069	—	—	—	—	27	—	31,568	369,093	1,110	104	1,214
Netherlands	315	—	2	—	—	170	—	30,366	30,366	—	100	100
Netherlands Antilles	—	—	—	—	—	82	—	3,712	3,712	—	12	12
Norway	522	1,562	16	—	—	—	—	17,057	33,291	53	56	110
Oman	—	—	—	—	—	—	—	310	12,296	39	1	40
Portugal	—	—	—	—	—	20	—	5,145	5,145	—	17	17
Russia	778	7,158	2	—	—	82	—	108,398	187,438	260	357	617
Spain	255	154	—	508	141	129	—	17,427	17,427	—	57	57
Sweden	32	—	—	—	—	—	—	7,302	7,302	—	24	24
Syria	221	—	—	—	—	—	—	2,327	3,403	4	8	11
Trinidad and Tobago	—	—	—	—	—	—	—	12,538	22,778	34	41	75
United Kingdom	189	—	34	22	—	237	—	38,054	48,872	36	125	161
Vietnam	—	—	—	—	—	—	—	—	3,062	10	—	10
Virgin Islands, U.S.	—	—	—	589	—	—	—	56,200	56,200	—	185	185
Yemen	—	—	—	—	—	—	—	200	2,277	7	1	7
Other	1,313	0	458	120	0	59	0	24,070	53,784	99	79	180
Total	16,173	26,182	1,354	4,141	7,021	7,863	115	750,293	3,471,622	8,952	2,468	11,420
Persian Gulf³	18	—	—	242	—	—	—	3,307	561,763	1,837	11	1,848

— = 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, October 2011
(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	15,922	-	-	326	-	-	-	-	1,697	1,697
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	4,259	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	249	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	6,388	-	-	326	-	-	-	-	1,119	1,119
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	3,635	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	1,391	-	-	-	-	-	-	-	578	578
Non-OPEC	17,683	-	1,080	2,059	-	1,421	1,421	3,506	9,731	13,237
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	250	250
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	249	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	954	-	-	-	-	-	-	-	-	-
Canada	7,844	-	907	-	-	956	956	1,865	466	2,331
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	1,911	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	5	5
Egypt	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	294	595	889
Gabon	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	473	473
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	28	28
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	222	222
Lithuania	-	-	-	55	-	-	-	-	9	9
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	154	-	-	-	-	301	301
Netherlands Antilles	-	-	-	-	-	-	-	-	110	110
Norway	2,100	-	173	71	-	-	-	-	1,293	1,293
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	457	457
Russia	2,046	-	-	1,070	-	-	-	-	217	217
Spain	-	-	-	-	-	-	-	-	843	843
Sweden	-	-	-	-	-	-	-	-	314	314
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	76	-	465	465	486	2,339	2,825
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	861	1,709	2,570
Yemen	-	-	-	-	-	-	-	-	-	-
Other	2,579	-	0	633	-	0	0	0	100	100
Total	33,605	-	1,080	2,385	-	1,421	1,421	3,506	11,428	14,934
Persian Gulf³	3,884	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2011
(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	-	-	351	-	-	-	2,107	24	1,627	-	3,758
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	155	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	1,391	24	874	-	2,289
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	-	-	196	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	716	-	753	-	1,469
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	-	-	0	0	0	-	0
Total	-	-	351	-	-	-	2,107	24	1,627	-	3,758
Persian Gulf³	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2011
(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	—	—	—	243	—	630	—	—	630
Algeria	—	—	—	—	—	630	—	—	630
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	243	—	—	—	—	—
Non-OPEC	303	1	—	385	68	7	710	4,613	5,330
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	75	75
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	114	114
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	483	—	483
Brunel	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	28	1	—	73	1	7	227	1,836	2,070
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	915	915
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	67	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	75	75
Netherlands	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	100	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	292	292
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	269	269
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	1,037	1,037
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	275	—	—	212	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	0	0	—	0	0	0	0	0	0
Total	303	1	—	628	68	637	710	4,613	5,960
Persian Gulf³	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2011
(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	—	—	—	25	1	—	—	2,922	18,844	514	94	608
Algeria	—	—	—	—	—	—	—	630	630	—	20	20
Angola	—	—	—	—	—	—	—	—	4,259	137	—	137
Ecuador	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	249	8	—	8
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	1,445	7,833	206	47	253
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	3,635	117	—	117
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	25	1	—	—	847	2,238	45	27	72
Non-OPEC	104	1	75	175	317	210	1	28,876	46,559	570	931	1,502
Argentina	—	—	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	174	—	—	—	499	499	—	16	16
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	114	114	—	4	4
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	638	887	8	21	29
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	954	31	—	31
Canada	8	1	19	1	317	73	1	9,076	16,920	253	293	546
Chad	—	—	—	—	—	—	—	—	—	—	—	—
China	—	—	1	—	—	—	—	1	1	—	0	0
Colombia	—	—	—	—	—	—	—	915	915	—	30	30
Congo (Brazzaville)	—	—	—	—	—	—	—	—	1,911	62	—	62
Denmark	—	—	—	—	—	—	—	5	5	—	0	0
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	4	—	893	893	—	29	29
Gabon	—	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	3	—	70	70	—	2	2
Guatemala	—	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	473	473	—	15	15
Indonesia	—	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	1	—	29	29	—	1	1
Korea, South	—	—	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	222	222	—	7	7
Lithuania	—	—	—	—	—	—	—	64	64	—	2	2
Malaysia	—	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	75	75	—	2	2
Netherlands	—	—	1	—	—	—	—	456	456	—	15	15
Netherlands Antilles	—	—	—	—	—	—	—	210	210	—	7	7
Norway	96	—	16	—	—	—	—	1,649	3,749	68	53	121
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	457	457	—	15	15
Russia	—	—	—	—	—	—	—	1,579	3,625	66	51	117
Spain	—	—	—	—	—	129	—	972	972	—	31	31
Sweden	—	—	—	—	—	—	—	583	583	—	19	19
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	1,233	1,233	—	40	40
United Kingdom	—	—	—	—	—	—	—	3,366	3,366	—	109	109
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	4,526	4,526	—	146	146
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	0	38	0	0	0	0	771	3,350	82	23	106
Total	104	1	75	200	318	210	1	31,798	65,403	1,084	1,026	2,110
Persian Gulf³	—	—	—	—	—	—	—	—	3,884	125	—	125

— = 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, October 2011
(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	992	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	992	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	46,100	37	1,828	-	-	2	2	-	57	57
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	46,100	37	1,828	-	-	2	2	-	57	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	-	0	0
Total	47,092	37	1,828	-	-	2	2	-	57	57
Persian Gulf³	992	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2011
(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	-	-	-	38	-	-	42	2	-	-	44
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	38	-	-	42	2	-	-	44
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
Total	-	-	-	38	-	-	42	2	-	-	44
Persian Gulf³	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2011
(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	-	2	-	-	38	2	72	9	83
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunel	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	2	-	-	38	2	72	9	83
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	-	2	-	-	38	2	72	9	83
Persian Gulf³	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2011
(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	-	-	-	-	-	-	-	-	992	32	-	32
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	992	32	-	32
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	65	37	2	65	155	179	4	2,691	48,791	1,487	87	1,574
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	65	37	2	63	155	179	4	2,689	48,789	1,487	87	1,574
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	2	-	-	-	2	2	-	0	0
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	0	0	0	0	0	0	0	0
Total	65	37	2	65	155	179	4	2,691	49,783	1,519	87	1,606
Persian Gulf³	-	-	-	-	-	-	-	-	992	32	-	32

- = 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, October 2011
(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	91,213	-	-	1,409	-	-	-	-	403	403
Algeria	1,974	-	-	803	-	-	-	-	-	-
Angola	5,665	-	-	376	-	-	-	-	-	-
Ecuador	343	-	-	-	-	-	-	-	185	185
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	10,239	-	-	-	-	-	-	-	-	-
Kuwait	8,556	-	-	-	-	-	-	-	-	-
Libya	-	-	-	59	-	-	-	-	-	-
Nigeria	13,151	-	-	171	-	-	-	-	143	143
Qatar	515	-	-	-	-	-	-	-	-	-
Saudi Arabia	25,722	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	25,048	-	-	-	-	-	-	-	75	75
Non-OPEC	65,156	578	207	11,170	-	568	568	-	642	642
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	851	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	665	-	-	-	-	-	-
Brazil	3,732	-	52	50	-	-	-	-	52	52
Brunel	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,413	-	-	-	-	-	-	-	-	-
Chad	827	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	13,582	-	-	578	-	-	-	-	192	192
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	33	-	-	-	-	1	1
Gabon	451	-	-	-	-	-	-	-	-	-
Germany	-	-	-	149	-	-	-	-	-	-
Guatemala	244	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	175	175	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	149	-	107	107	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	33,612	271	8	315	-	-	-	-	247	247
Netherlands	-	-	87	91	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	1,191	-	-	630	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	286	286	-	-	-
Russia	5,817	-	-	6,537	-	-	-	-	-	-
Spain	-	-	60	-	-	-	-	-	-	-
Sweden	-	-	-	184	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	1,359	-	-	-	-	-	-	-	-	-
United Kingdom	862	-	-	190	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	150	150
Yemen	-	-	-	-	-	-	-	-	-	-
Other	66	307	0	748	-	0	0	-	0	0
Total	156,369	578	207	12,579	-	568	568	-	1,045	1,045
Persian Gulf³	45,032	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2011
(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	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-
Persian Gulf³	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2011
(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	-	-	-	-	-	-	-	3	3
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	3	3
Non-OPEC	-	-	-	317	283	-	348	1,018	1,366
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	149	149
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	106	106
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	33	-	33
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	161	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	122	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	737	737
Netherlands	-	-	-	-	-	-	-	26	26
Netherlands Antilles	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	132	-	132
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	183	-	183
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	-	317	0	-	0	0	0
Total	-	-	-	317	283	-	348	1,021	1,369
Persian Gulf³	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2011
(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	480	1,234	—	60	—	30	—	3,619	94,832	2,942	117	3,059
Algeria	360	1,227	—	—	—	—	—	2,390	4,364	64	77	141
Angola	—	—	—	—	—	—	—	376	6,041	183	12	195
Ecuador	—	—	—	—	—	—	—	185	528	11	6	17
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	10,239	330	—	330
Kuwait	—	—	—	60	—	—	—	60	8,616	276	2	278
Libya	—	—	—	—	—	—	—	59	59	—	2	2
Nigeria	95	—	—	—	—	—	—	409	13,560	424	13	437
Qatar	—	—	—	—	—	—	—	—	515	17	—	17
Saudi Arabia	—	—	—	—	—	—	—	—	25,722	830	—	830
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	25	7	—	—	—	30	—	140	25,188	808	5	813
Non-OPEC	1,240	566	22	116	—	300	—	17,407	82,563	2,102	562	2,663
Argentina	—	7	—	83	—	1	—	91	91	—	3	3
Aruba	—	—	—	—	—	—	—	1,000	1,000	—	32	32
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	106	106	—	3	3
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	135	—	—	—	—	2	—	802	802	—	26	26
Brazil	49	—	—	—	—	—	—	266	3,998	120	9	129
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	20	21	—	—	—	7	—	209	3,622	110	7	117
Chad	—	—	—	—	—	—	—	—	827	27	—	27
China	—	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	770	14,352	438	25	463
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	23	—	23	23	—	1	1
France	—	23	—	—	—	6	—	63	63	—	2	2
Gabon	—	—	—	—	—	—	—	—	451	15	—	15
Germany	5	—	—	—	—	5	—	159	159	—	5	5
Guatemala	—	—	—	—	—	—	—	—	244	8	—	8
India	—	—	—	—	—	—	—	175	175	—	6	6
Indonesia	—	—	—	—	—	1	—	1	1	—	0	0
Italy	—	—	—	—	—	4	—	260	260	—	8	8
Korea, South	24	—	—	—	—	203	—	349	349	—	11	11
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	6	—	—	—	—	6	6	—	0	0
Mexico	603	—	—	—	—	—	—	2,181	35,793	1,084	70	1,155
Netherlands	56	—	—	—	—	—	—	260	260	—	8	8
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	630	1,821	38	20	59
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	20	—	306	306	—	10	10
Russia	—	515	—	—	—	—	—	7,184	13,001	188	232	419
Spain	—	—	—	33	—	—	—	93	93	—	3	3
Sweden	—	—	—	—	—	—	—	184	184	—	6	6
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	1,359	44	—	44
United Kingdom	15	—	—	—	—	28	—	416	1,278	28	13	41
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	150	150	—	5	5
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	333	0	16	0	—	0	—	1,723	1,789	2	57	57
Total	1,720	1,800	22	176	—	330	—	21,026	177,395	5,044	678	5,722
Persian Gulf³	—	—	—	60	—	—	—	60	45,092	1,453	2	1,455

— = 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, October 2011
(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	6,822	-	327	-	-	-	-	-	-	-
Canada	6,822	-	327	-	-	-	-	-	-	-
Other	0	-	0	-	-	-	-	-	-	-
Total	6,822	-	327	-	-	-	-	-	-	-
PAD District 5										
OPEC	17,223	-	-	380	-	-	-	-	-	-
Algeria	-	-	-	380	-	-	-	-	-	-
Angola	2,856	-	-	-	-	-	-	-	-	-
Ecuador	5,005	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	4,701	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	4,365	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	296	-	-	-	-	-	-	-	-	-
Non-OPEC	18,774	-	153	1,400	-	44	44	-	385	385
Argentina	351	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	360	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Brazil	759	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	6,216	-	98	-	-	44	44	-	106	106
China	240	-	-	-	-	-	-	-	-	-
Colombia	2,651	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Indonesia	973	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	279	279
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Oman	1,360	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	460	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	409	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	5,355	-	55	1,040	-	0	0	-	0	0
Total	35,997	-	153	1,780	-	44	44	-	385	385
Persian Gulf³	9,066	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2011
(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	-	-	-	-	-	-	27	36	-	-	63
Canada	-	-	-	-	-	-	27	36	-	-	63
Other	-	-	-	-	-	-	0	0	-	-	0
Total	-	-	-	-	-	-	27	36	-	-	63
PAD District 5											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	156	-	-	-	83	-	1	-	84
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	156	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	83	-	1	-	84
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	-	-	0	-	0	-	0
Total	-	-	156	-	-	-	83	-	1	-	84
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, October 2011
(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	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-
PAD District 5									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	940	-	-	20	1,300	1,320
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	-	-	27	-	-	20	212	232
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	-	-	300	-	-	-	-	-
Korea, South	-	-	-	613	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	606	606
Netherlands	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Other	-	-	-	0	-	-	0	482	482
Total	-	-	-	940	-	-	20	1,300	1,320
Persian Gulf³	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2011
(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	-	-	-	-	51	-	1	442	7,264	220	14	234
Canada	-	-	-	-	51	-	1	442	7,264	220	14	234
Other	-	-	-	-	0	-	0	0	0	0	0	0
Total	-	-	-	-	51	-	1	442	7,264	220	14	234
PAD District 5												
OPEC	-	-	-	-	-	-	-	380	17,603	556	12	568
Algeria	-	-	-	-	-	-	-	380	380	-	12	12
Angola	-	-	-	-	-	-	-	-	2,856	92	-	92
Ecuador	-	-	-	-	-	-	-	-	5,005	161	-	161
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	4,701	152	-	152
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	4,365	141	-	141
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	296	10	-	10
Non-OPEC	35	-	29	18	29	6	-	4,599	23,373	606	148	754
Argentina	-	-	-	-	-	-	-	-	351	11	-	11
Aruba	-	-	-	-	-	-	-	360	360	-	12	12
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	156	915	24	5	30
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	18	29	3	-	641	6,857	201	21	221
China	-	-	15	-	-	-	-	15	255	8	0	8
Colombia	-	-	-	-	-	-	-	-	2,651	86	-	86
Finland	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	973	31	-	31
Japan	-	-	14	-	-	1	-	315	315	-	10	10
Korea, South	35	-	-	-	-	2	-	650	650	-	21	21
Malaysia	-	-	-	-	-	-	-	279	279	-	9	9
Mexico	-	-	-	-	-	-	-	606	606	-	20	20
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	1,360	44	-	44
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	460	15	-	15
Singapore	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	409	13	-	13
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Other	0	-	0	0	0	0	-	1,577	6,932	173	50	223
Total	35	-	29	18	29	6	-	4,979	40,976	1,161	161	1,322
Persian Gulf ³	-	-	-	-	-	-	-	-	9,066	292	-	292

- = 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-October 2011
(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	190,966	-	4,065	3,693	-	1,232	1,232	578	16,733	17,311
Algeria	6,162	-	4,065	14	-	-	-	-	913	913
Angola	37,228	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	184	184
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	12,349	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	1	-	-	-	-	272	272
Nigeria	103,577	-	-	3,543	-	-	-	52	7,837	7,889
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	18,762	-	-	-	-	257	257	-	199	199
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	12,888	-	-	135	-	975	975	526	7,328	7,854
Non-OPEC	134,718	-	11,187	24,441	-	22,354	22,354	54,893	121,780	176,673
Argentina	-	-	-	-	-	-	-	-	465	465
Aruba	-	-	-	2,739	-	-	-	-	621	621
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	1,460	1,460
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	1,670	-	-	-	156	1,113	1,269
Brazil	3,800	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	10,255	-	-	301	-	-	-	-	-	-
Canada	69,296	-	9,892	799	-	9,706	9,706	23,904	8,692	32,596
Chad	107	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	3,844	-	-	-	-	-	-	-	983	983
Congo (Brazzaville)	12,519	-	-	-	-	-	-	-	83	83
Denmark	-	-	-	198	-	-	-	7	89	96
Egypt	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	2,040	-	-	-	-	-	-
Finland	-	-	-	123	-	-	-	-	2,994	2,994
France	-	-	-	52	-	1,065	1,065	2,690	4,834	7,524
Gabon	1,258	-	-	-	-	-	-	-	-	-
Germany	-	-	-	329	-	-	-	194	505	699
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	641	-	2,163	2,163	2,279	7,632	9,911
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	524	-	108	108	-	3,036	3,036
Korea, South	-	-	-	-	-	294	294	-	-	-
Latvia	-	-	-	-	-	-	-	63	2,131	2,194
Lithuania	-	-	-	55	-	-	-	-	1,300	1,300
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	546	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	1,292	-	3,055	3,055	683	16,031	16,714
Netherlands Antilles	-	-	-	-	-	-	-	-	567	567
Norway	10,689	-	1,295	130	-	1,560	1,560	102	5,445	5,547
Oman	702	-	-	-	-	-	-	-	310	310
Portugal	-	-	-	38	-	437	437	-	3,160	3,160
Russia	9,616	-	-	8,852	-	-	-	105	6,141	6,246
Spain	-	-	-	558	-	275	275	17	12,511	12,528
Sweden	-	-	-	-	-	-	-	86	4,003	4,089
Syria	-	-	-	93	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	370	-	250	250	-	567	567
United Kingdom	661	-	-	1,515	-	3,429	3,429	11,343	17,654	28,997
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	12	12	13,258	15,762	29,020
Yemen	-	-	-	-	-	-	-	-	-	-
Other	11,425	-	0	2,122	-	0	0	6	3,691	3,697
Total	325,684	-	15,252	28,134	-	23,586	23,586	55,471	138,513	193,984
Persian Gulf³	31,111	-	-	-	-	257	257	-	199	199

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-October 2011
(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	-	-	-	-	-	-	1,417	-	-	-	1,417
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	1,417	-	-	-	1,417
Non-OPEC	-	-	1,299	-	-	9	30,063	1,249	15,669	1,040	48,021
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	165	649	-	-	814
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	409	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	9	20,964	600	7,624	236	29,424
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	181	-	181
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	120	-	336	-	456
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	1,103	-	149	804	2,056
Spain	-	-	-	-	-	-	95	-	-	-	95
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	522	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	238	-	238
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	7,612	-	7,141	-	14,753
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	368	-	-	0	4	0	0	0	4
Total	-	-	1,299	-	-	9	31,480	1,249	15,669	1,040	49,438
Persian Gulf³	-	-	-	-	-	-	-	-	-	-	-

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-October 2011
(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	—	—	—	5,414	—	11,772	—	408	12,180
Algeria	—	—	—	—	—	11,772	—	—	11,772
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	21	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	5,393	—	—	—	408	408
Non-OPEC	477	16	—	6,288	245	3,629	4,465	44,749	52,843
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	929	—	—	—	75	75
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	152	247	2,088	2,487
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	371	371
Brazil	—	—	—	—	20	—	891	127	1,018
Brunel	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	145	—	145
Canada	202	16	—	1,787	44	869	2,636	16,595	20,100
Chad	—	—	—	—	—	—	21	—	21
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	69	—	7	—	5,832	5,839
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	23	—	958	981
France	—	—	—	—	—	—	—	77	77
Gabon	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	67	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	692	76	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	478	478
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	131	—	—	—	2,227	2,227
Netherlands	—	—	—	—	38	258	—	54	312
Netherlands Antilles	—	—	—	613	—	859	—	—	859
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	3	—	—	3
Russia	—	—	—	—	—	120	290	3,073	3,483
Spain	—	—	—	—	—	—	—	315	315
Sweden	—	—	—	—	—	318	—	1,650	1,968
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	109	—	8,394	8,503
United Kingdom	—	—	—	—	—	3	88	1,120	1,211
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	275	—	—	1,945	—	895	—	1,315	2,210
Yemen	—	—	—	—	—	—	—	—	—
Other	0	0	—	122	0	13	147	0	160
Total	477	16	—	11,702	245	15,401	4,465	45,157	65,023
Persian Gulf³	—	—	—	21	—	—	—	—	—

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-October 2011
(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	—	—	—	191	71	—	—	46,223	237,189	628	152	780
Algeria	—	—	—	—	—	—	—	16,764	22,926	20	55	75
Angola	—	—	—	—	—	—	—	—	37,228	122	—	122
Ecuador	—	—	—	—	—	—	—	184	184	—	1	1
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	12,349	41	—	41
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	273	273	—	1	1
Nigeria	—	—	—	—	—	—	—	11,700	115,277	341	38	379
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	477	19,239	62	2	63
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	191	71	—	—	16,825	29,713	42	55	98
Non-OPEC	539	63	707	1,271	3,917	1,259	8	351,617	486,335	443	1,157	1,600
Argentina	52	—	1	—	—	—	—	518	518	—	2	2
Aruba	—	—	—	671	—	—	—	5,849	5,849	—	19	19
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	3,947	3,947	—	13	13
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	75	—	3,385	3,385	—	11	11
Brazil	37	—	—	—	—	19	—	1,503	5,303	13	5	17
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	446	10,701	34	1	35
Canada	292	63	195	5	3,776	781	8	109,695	178,991	228	361	589
Chad	—	—	—	—	—	—	—	21	128	0	0	0
China	—	—	110	—	—	9	—	119	119	—	0	0
Colombia	—	—	—	—	—	—	—	7,072	10,916	13	23	36
Congo (Brazzaville)	—	—	—	—	—	—	—	83	12,602	41	0	41
Denmark	—	—	—	—	—	—	—	294	294	—	1	1
Egypt	—	—	23	—	—	—	—	23	23	—	0	0
Equatorial Guinea	62	—	—	—	—	—	—	62	62	—	0	0
Estonia	—	—	—	—	—	—	—	2,040	2,040	—	7	7
Finland	—	—	—	—	—	—	—	4,098	4,098	—	13	13
France	—	—	—	—	—	40	—	8,758	8,758	—	29	29
Gabon	—	—	—	—	—	—	—	—	1,258	4	—	4
Germany	—	—	5	—	—	42	—	1,142	1,142	—	4	4
Guatemala	—	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	13,483	13,483	—	44	44
Indonesia	—	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	15	—	—	3	—	3,686	3,686	—	12	12
Korea, South	—	—	—	—	—	67	—	361	361	—	1	1
Latvia	—	—	—	—	—	—	—	2,672	2,672	—	9	9
Lithuania	—	—	—	—	—	—	—	1,355	1,355	—	4	4
Malaysia	—	—	18	—	—	—	—	18	18	—	0	0
Mexico	—	—	—	—	—	6	—	2,364	2,910	2	8	10
Netherlands	—	—	2	—	—	—	—	21,869	21,869	—	72	72
Netherlands Antilles	—	—	—	—	—	—	—	2,039	2,039	—	7	7
Norway	96	—	16	—	—	—	—	8,644	19,333	35	28	64
Oman	—	—	—	—	—	—	—	310	1,012	2	1	3
Portugal	—	—	—	—	—	—	—	3,638	3,638	—	12	12
Russia	—	—	2	—	—	55	—	20,694	30,310	32	68	100
Spain	—	—	—	—	141	129	—	14,041	14,041	—	46	46
Sweden	—	—	—	—	—	—	—	6,057	6,057	—	20	20
Syria	—	—	—	—	—	—	—	93	93	—	0	0
Trinidad and Tobago	—	—	—	—	—	—	—	10,212	10,212	—	34	34
United Kingdom	—	—	34	6	—	30	—	35,460	36,121	2	117	119
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	589	—	—	—	48,804	48,804	—	161	161
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	0	286	0	0	3	0	6,762	18,187	37	24	61
Total	539	63	707	1,462	3,988	1,259	8	397,840	723,524	1,071	1,309	2,380
Persian Gulf³	—	—	—	—	—	—	—	477	31,588	102	2	104

— = 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-October 2011
(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	24,604	-	-	-	-	5	5	-	-	-
Algeria	6,270	-	-	-	-	5	5	-	-	-
Angola	1,012	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	2,654	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	14,225	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	443	-	-	-	-	-	-	-	-	-
Non-OPEC	433,510	298	18,736	202	-	260	260	12	658	670
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	2,431	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	426,702	298	18,736	202	-	221	221	12	658	670
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	471	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	3,608	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	39	39	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	298	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	0	0	0	0	0
Total	458,114	298	18,736	202	-	265	265	12	658	670
Persian Gulf³	16,879	-	-	-	-	-	-	-	-	-

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-October 2011
(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	-	-	-	-	-	-	167	-	-	-	167
Algeria	-	-	-	-	-	-	167	-	-	-	167
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	149	-	-	417	122	15	-	554
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	149	-	-	413	122	15	-	550
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	-	-	-	-	-	-	4	-	-	-	4
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	0	-	-	0	0	0	-	0
Total	-	-	-	149	-	-	584	122	15	-	721
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-October 2011
(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	1	32	-	-	439	27	1,425	520	1,972
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	1	32	-	-	439	27	1,425	520	1,972
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	1	32	-	-	439	27	1,425	520	1,972
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-October 2011
(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	-	-	-	-	-	-	-	172	24,776	81	1	82
Algeria	-	-	-	-	-	-	-	172	6,442	21	1	21
Angola	-	-	-	-	-	-	-	-	1,012	3	-	3
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	2,654	9	-	9
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	14,225	47	-	47
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	443	1	-	1
Non-OPEC	644	534	13	660	1,574	2,095	66	29,636	463,146	1,426	97	1,524
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	2,431	8	-	8
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameron	-	-	-	-	-	-	-	-	-	-	-	-
Canada	644	534	13	637	1,574	2,093	66	29,568	456,270	1,404	97	1,501
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	471	2	-	2
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	23	-	1	-	24	24	-	0	0
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	3,608	12	-	12
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	43	43	-	0	0
Spain	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	298	1	-	1
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	0	1	0	1	1	-1	0	0
Total	644	534	13	660	1,574	2,095	66	29,808	487,922	1,507	98	1,605
Persian Gulf ³	-	-	-	-	-	-	-	-	16,879	56	-	56

- = 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-October 2011
(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	885,825	4,280	210	23,369	-	345	345	-	3,766	3,766
Algeria	45,259	645	-	14,061	-	-	-	-	1,284	1,284
Angola	47,130	499	-	2,971	-	-	-	-	-	-
Ecuador	3,946	-	-	-	-	-	-	-	376	376
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	93,141	-	-	-	-	-	-	-	-	-
Kuwait	52,542	-	-	-	-	-	-	-	-	-
Libya	2,294	-	210	444	-	-	-	-	-	-
Nigeria	140,976	881	-	1,377	-	340	340	-	452	452
Qatar	1,943	-	-	-	-	-	-	-	-	-
Saudi Arabia	244,592	522	-	503	-	-	-	-	109	109
United Arab Emirates	1,047	-	-	1,048	-	-	-	-	-	-
Venezuela	252,955	1,733	-	2,965	-	5	5	-	1,545	1,545
Non-OPEC	627,470	7,885	1,509	117,228	-	9,381	9,381	-	14,088	14,088
Argentina	501	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	8,604	-	-	-	-	310	310
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	1,391	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	7	240	11,254	-	-	-	-	-	-
Brazil	48,103	-	294	1,506	-	-	-	-	345	345
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	357	-	-	-	-	-	-
Canada	38,730	-	-	402	-	-	-	-	-	-
Chad	14,555	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	91,690	-	-	1,179	-	-	-	-	372	372
Congo (Brazzaville)	5,132	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	207	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	35	35
Equatorial Guinea	6,934	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	1,160	-	-	-	-	-	-
Finland	-	-	-	136	-	-	-	-	-	-
France	-	-	-	256	-	718	718	-	73	73
Gabon	9,223	-	-	-	-	-	-	-	-	-
Germany	-	-	-	280	-	-	-	-	-	-
Guatemala	2,833	-	-	-	-	-	-	-	-	-
India	-	-	-	2,042	-	546	546	-	1,027	1,027
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	160	1,646	-	4,294	4,294	-	399	399
Korea, South	-	-	-	86	-	536	536	-	893	893
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	61	481	-	-	-	-	-	-
Mexico	333,371	4,349	324	3,695	-	-	-	-	2,368	2,368
Netherlands	-	-	167	4,267	-	1,040	1,040	-	769	769
Netherlands Antilles	-	310	-	-	-	-	-	-	849	849
Norway	5,545	369	-	5,724	-	-	-	-	332	332
Oman	1,004	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	915	-	572	572	-	-	-
Russia	37,699	-	-	59,515	-	-	-	-	1,905	1,905
Spain	-	-	137	149	-	1,143	1,143	-	537	537
Sweden	-	-	-	648	-	251	251	-	196	196
Syria	1,076	-	-	1,500	-	-	-	-	134	134
Trinidad and Tobago	10,240	-	-	1,296	-	-	-	-	-	-
United Kingdom	9,859	140	-	1,052	-	281	281	-	96	96
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	3,718	-	-	-	-	1,705	1,705
Yemen	-	-	-	-	-	-	-	-	-	-
Other	10,975	2,710	126	3,762	-	0	0	-	1,743	1,743
Total	1,513,295	12,165	1,719	140,597	-	9,726	9,726	-	17,854	17,854
Persian Gulf³	393,265	522	-	1,551	-	-	-	-	109	109

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-October 2011
(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	-	-	-	-	-	-	-	-	-	-	463	463
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	463	463
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	5	-	-	-	-	-	594	307	45	256	1,202	1,202
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	22	-	-	-	-	22
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	13	-	-	-	-	13
Brazil	-	-	-	-	-	-	-	-	-	119	-	119
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	152	-	-	-	152
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	110	-	-	-	110
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	59	-	-	-	-	59
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	45	-	-	-	45
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	7	-	-	-	-	7
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	214	-	45	-	-	259
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Russia	5	-	-	-	-	-	247	-	-	70	-	317
Spain	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	0	-	-	-	-	-	32	0	0	67	-	99
Total	5	-	-	-	-	-	594	307	45	719	1,665	1,665
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-October 2011
(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	-	-	-	25	338	-	244	297	541
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	38	38
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	244	-	244
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	338	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	25	-	-	-	259	259
Non-OPEC	-	-	-	952	2,821	750	4,555	22,739	28,044
Argentina	-	-	-	-	80	-	-	-	-
Aruba	-	-	-	-	-	-	-	149	149
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	106	106
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	130	142	63	137	342
Brazil	-	-	-	-	-	-	550	210	760
Brunel	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	563	-	-	218	218
Chad	-	-	-	-	-	-	-	20	20
China	-	-	-	-	22	-	-	-	-
Colombia	-	-	-	-	-	-	212	1,237	1,449
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	250	250
Finland	-	-	-	-	-	-	34	-	34
France	-	-	-	-	24	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	15	-	-	14	14
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	11	-	-	-	-
Korea, South	-	-	-	319	1,686	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	1	-	-	-	7,189	7,189
Netherlands	-	-	-	-	30	159	595	378	1,132
Netherlands Antilles	-	-	-	-	-	-	432	-	432
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	1,985	12,392	14,377
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	14	74	88
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	28	28
United Kingdom	-	-	-	-	12	-	323	46	369
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	200	-	200
Other	-	-	-	632	248	449	147	291	887
Total	-	-	-	977	3,159	750	4,799	23,036	28,585
Persian Gulf³	-	-	-	-	338	-	-	38	38

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-October 2011
(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	2,234	14,524	—	314	—	142	—	50,615	936,440	2,914	166	3,080
Algeria	1,335	14,073	—	—	—	—	—	31,398	76,657	149	103	252
Angola	203	—	—	—	—	—	—	3,673	50,803	155	12	167
Ecuador	—	—	—	—	—	—	—	376	4,322	13	1	14
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	38	93,179	306	0	307
Kuwait	—	—	—	242	—	—	—	242	52,784	173	1	174
Libya	195	422	—	—	—	—	—	1,271	3,565	8	4	12
Nigeria	95	—	—	—	—	—	—	3,852	144,828	464	13	476
Qatar	—	—	—	—	—	—	—	—	1,943	6	—	6
Saudi Arabia	18	—	—	—	—	—	—	1,490	246,082	805	5	809
United Arab Emirates	—	—	—	—	—	—	—	1,048	2,095	3	3	7
Venezuela	388	29	—	72	—	142	—	7,227	260,182	832	24	856
Non-OPEC	12,383	11,061	313	1,451	—	4,295	31	212,749	840,219	2,064	700	2,764
Argentina	76	50	—	507	—	8	—	721	1,222	2	2	4
Aruba	1,197	—	—	—	—	—	—	10,260	10,260	—	34	34
Australia	14	—	—	—	—	—	—	14	14	—	0	0
Bahamas	—	—	—	—	—	—	—	1,519	1,519	—	5	5
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	450	315	—	—	—	16	31	12,798	12,798	—	42	42
Brazil	127	—	—	17	—	—	—	3,238	51,341	158	11	169
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	357	357	—	1	1
Canada	492	115	—	222	—	7	—	2,171	40,901	127	7	135
Chad	—	—	—	—	—	—	—	20	14,575	48	0	48
China	—	—	170	61	—	—	—	254	254	—	1	1
Colombia	21	—	—	—	—	—	—	3,021	94,711	302	10	312
Congo (Brazzaville)	—	—	—	—	—	—	—	—	5,132	17	—	17
Denmark	—	—	—	—	—	—	—	207	207	—	1	1
Egypt	—	—	—	—	—	—	—	35	35	—	0	0
Equatorial Guinea	—	1,504	—	—	—	—	—	1,504	8,438	23	5	28
Estonia	—	—	—	—	—	—	—	1,520	1,520	—	5	5
Finland	59	—	—	—	—	118	—	347	347	—	1	1
France	15	203	—	—	—	45	—	1,393	1,393	—	5	5
Gabon	—	—	—	—	—	—	—	—	9,223	30	—	30
Germany	49	—	—	—	—	20	—	378	378	—	1	1
Guatemala	—	—	—	—	—	—	—	—	2,833	9	—	9
India	14	—	—	—	—	—	—	3,674	3,674	—	12	12
Indonesia	—	—	—	—	—	224	—	224	224	—	1	1
Italy	210	—	—	—	—	162	—	6,882	6,882	—	23	23
Korea, South	1,061	—	—	—	—	3,096	—	7,677	7,677	—	25	25
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	97	—	—	19	—	665	665	—	2	2
Mexico	5,069	—	—	—	—	21	—	23,016	356,387	1,097	76	1,172
Netherlands	315	—	—	—	—	170	—	8,149	8,149	—	27	27
Netherlands Antilles	—	—	—	—	—	82	—	1,673	1,673	—	6	6
Norway	426	1,562	—	—	—	—	—	8,413	13,958	18	28	46
Oman	—	—	—	—	—	—	—	—	1,004	3	—	3
Portugal	—	—	—	—	—	20	—	1,507	1,507	—	5	5
Russia	778	7,158	—	—	—	27	—	84,082	121,781	124	277	401
Spain	255	154	—	508	—	—	—	2,883	2,883	—	9	9
Sweden	32	—	—	—	—	—	—	1,215	1,215	—	4	4
Syria	221	—	—	—	—	—	—	1,855	2,931	4	6	10
Trinidad and Tobago	—	—	—	—	—	—	—	1,324	11,564	34	4	38
United Kingdom	189	—	—	16	—	207	—	2,362	12,221	32	8	40
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	5,423	5,423	—	18	18
Yemen	—	—	—	—	—	—	—	200	200	—	1	1
Other	1,313	0	46	120	—	53	0	11,768	22,743	36	37	73
Total	14,617	25,585	313	1,765	—	4,437	31	263,364	1,776,659	4,978	866	5,844
Persian Gulf³	18	—	—	242	—	—	—	2,818	396,083	1,294	9	1,303

— = 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-October 2011
(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	71,321	-	2,316	-	-	-	-	-	-	-
Canada	71,321	-	2,316	-	-	-	-	-	-	-
Other	0	-	0	-	-	-	-	-	-	-
Total	71,321	-	2,316	-	-	-	-	-	-	-
PAD District 5										
OPEC	195,167	-	-	7,825	-	-	-	-	-	-
Algeria	-	-	-	7,529	-	-	-	-	-	-
Angola	15,494	-	-	-	-	-	-	-	-	-
Ecuador	56,823	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	36,088	-	-	-	-	-	-	-	-	-
Kuwait	887	-	-	-	-	-	-	-	-	-
Libya	1,034	-	-	-	-	-	-	-	-	-
Nigeria	387	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	79,230	-	-	-	-	-	-	-	-	-
United Arab Emirates	996	-	-	-	-	-	-	-	-	-
Venezuela	4,228	-	-	296	-	-	-	-	-	-
Non-OPEC	157,748	-	1,206	12,486	-	577	577	-	6,235	6,235
Argentina	8,244	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	7,089	-	-	-	-	-	-
Australia	638	-	-	-	-	-	-	-	-	-
Brazil	11,765	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	53,161	-	883	92	-	335	335	-	3,936	3,936
China	615	-	-	-	-	-	-	-	-	-
Colombia	20,066	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Indonesia	6,979	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	30	30
Korea, South	-	-	106	-	-	-	-	-	823	823
Malaysia	-	-	-	-	-	-	-	-	279	279
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Oman	10,280	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	2,204	-	-	143	-	-	-	-	-	-
Singapore	-	-	-	203	-	-	-	-	125	125
Sweden	-	-	-	30	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	326	326
United Kingdom	-	-	-	-	-	-	-	-	232	232
Vietnam	3,062	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	1,501	-	10	10	-	-	-
Other	40,734	-	217	3,428	-	232	232	-	484	484
Total	352,915	-	1,206	20,311	-	577	577	-	6,235	6,235
Persian Gulf³	117,201	-	-	-	-	-	-	-	-	-

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-October 2011
(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	-	-	3	-	-	-	670	138	3	4	815
Canada	-	-	3	-	-	-	670	138	3	4	815
Other	-	-	0	-	-	-	0	0	0	0	0
Total	-	-	3	-	-	-	670	138	3	4	815
PAD District 5											
OPEC	-	-	-	-	-	-	240	-	-	-	240
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	240	-	-	-	240
Non-OPEC	-	-	747	75	-	-	1,321	301	371	4	1,997
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	301	-	-	301
Australia	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	410	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	44	-	-	-	770	-	21	4	795
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	405	-	-	-	405
Korea, South	-	-	-	-	-	-	146	-	-	-	146
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	293	75	-	-	0	0	350	0	350
Total	-	-	747	75	-	-	1,561	301	371	4	2,237
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-October 2011
(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	-	4	-	-	-	-	26	5	31
Canada	-	4	-	-	-	-	26	5	31
Other	-	0	-	-	-	-	0	0	0
Total	-	4	-	-	-	-	26	5	31
PAD District 5									
OPEC	-	-	-	12	-	-	-	119	119
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	119	119
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	12	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	1	-	9,511	-	-	223	12,369	12,592
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	1	-	300	-	-	42	370	412
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	-	-	1,513	-	-	-	-	-
Korea, South	-	-	-	7,488	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	200	-	-	-	5,988	5,988
Netherlands	-	-	-	-	-	-	-	348	348
Netherlands Antilles	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	1,848	1,848
Singapore	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	10	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	462	462
Other	-	0	-	0	-	-	181	3,353	3,534
Total	-	1	-	9,523	-	-	223	12,488	12,711
Persian Gulf³	-	-	-	12	-	-	-	-	-

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-October 2011
(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	-	-	-	-	707	2	10	3,888	75,209	235	13	247
Canada	-	-	-	-	707	2	10	3,888	75,209	235	13	247
Other	-	-	-	-	0	0	0	0	0	0	0	0
Total	-	-	-	-	707	2	10	3,888	75,209	235	13	247
PAD District 5												
OPEC	-	-	-	-	-	-	-	8,196	203,363	642	27	669
Algeria	-	-	-	-	-	-	-	7,529	7,529	-	25	25
Angola	-	-	-	-	-	-	-	-	15,494	51	-	51
Ecuador	-	-	-	-	-	-	-	119	56,942	187	0	187
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	36,088	119	-	119
Kuwait	-	-	-	-	-	-	-	-	887	3	-	3
Libya	-	-	-	-	-	-	-	-	1,034	3	-	3
Nigeria	-	-	-	-	-	-	-	-	387	1	-	1
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	12	79,242	261	0	261
United Arab Emirates	-	-	-	-	-	-	-	-	996	3	-	3
Venezuela	-	-	-	-	-	-	-	536	4,764	14	2	16
Non-OPEC	373	-	321	254	752	70	-	47,197	204,945	519	155	674
Argentina	-	-	-	-	-	-	-	-	8,244	27	-	27
Aruba	-	-	-	-	-	-	-	7,390	7,390	-	24	24
Australia	-	-	-	-	-	-	-	-	638	2	-	2
Brazil	-	-	-	-	-	-	-	410	12,175	39	1	40
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	254	752	55	-	7,859	61,020	175	26	201
China	-	-	191	-	-	-	-	191	806	2	1	3
Colombia	-	-	-	-	-	-	-	-	20,066	66	-	66
Finland	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	4	-	-	-	-	4	4	-	0	0
Indonesia	-	-	-	-	-	-	-	-	6,979	23	-	23
Japan	-	-	93	-	-	2	-	2,043	2,043	-	7	7
Korea, South	373	-	-	-	-	13	-	8,949	8,949	-	29	29
Malaysia	-	-	-	-	-	-	-	279	279	1	-	1
Mexico	-	-	-	-	-	-	-	6,188	6,188	-	20	20
Netherlands	-	-	-	-	-	-	-	348	348	-	1	1
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	10,280	34	-	34
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	1,991	4,195	7	7	14
Singapore	-	-	-	-	-	-	-	403	403	-	1	1
Sweden	-	-	-	-	-	-	-	30	30	-	0	0
Taiwan	-	-	-	-	-	-	-	336	336	-	1	1
United Kingdom	-	-	-	-	-	-	-	232	232	-	1	1
Vietnam	-	-	-	-	-	-	-	-	3,062	10	-	10
Virgin Islands, U.S.	-	-	-	-	-	-	-	1,973	1,973	-	6	6
Other	0	-	33	0	0	0	-	8,571	49,305	134	29	163
Total	373	-	321	254	752	70	-	55,393	408,308	1,161	182	1,343
Persian Gulf³	-	-	-	-	-	-	-	12	117,213	386	0	386

- = 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, October 2011
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	81	1,482	-	4	1	1,568	51
Natural Gas Plant Liquids and Liquefied							
Refinery Gases	180	2,604	1,512	276	630	5,201	168
Pentanes Plus	6	2,451	37	205	106	2,804	90
Liquefied Petroleum Gases	174	153	1,474	71	524	2,396	77
Ethane/Ethylene	-	-	-	-	-	-	-
Propane/Propylene	31	38	1,364	3	386	1,822	59
Normal Butane/Butylene	142	115	110	69	138	574	19
Isobutane/Isobutylene	-	-	-	-	-	-	-
Other Liquids	755	513	4,782	-	102	6,152	198
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	736	512	3,675	-	24	4,947	160
Hydrogen	-	-	-	-	-	-	-
Oxygenates (excluding Fuel Ethanol)	10	0	2,040	-	1	2,052	66
Methyl Tertiary Butyl Ether (MTBE)	9	-	1,323	-	0	1,333	43
Other Oxygenates	1	0	717	-	1	719	23
Renewable Fuels (including Fuel Ethanol) ...	726	512	1,635	-	22	2,895	93
Fuel Ethanol ²	726	512	1,635	-	22	2,895	93
Biomass-Based Diesel	-	-	-	-	-	-	-
Other Renewable Diesel	-	-	-	-	-	-	-
Other Renewable Fuels	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	-	-	-	-
Motor Gasoline Blend.Comp. (MGBC)	19	1	1,106	-	78	1,205	39
Reformulated	0	0	40	-	-	40	1
Conventional	19	1	1,066	-	78	1,164	38
Aviation Gasoline Blend. Comp.	-	-	-	-	-	-	-
Finished Petroleum Products	10,085	1,102	63,221	92	8,812	83,313	2,688
Finished Motor Gasoline	40	-	15,198	-	979	16,217	523
Reformulated	5	-	53	-	206	263	8
Conventional	35	-	15,145	-	773	15,953	515
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	5	136	1,742	-	536	2,419	78
Kerosene	78	0	311	5	23	417	13
Distillate Fuel Oil	7,045	109	23,909	8	1,993	33,064	1,067
15 ppm sulfur and under ³	2,359	-	18,863	8	984	22,214	717
Greater than 15 ppm to 500 ppm sulfur ³	2,399	69	3,032	-	497	5,997	193
Greater than 500 ppm sulfur	2,287	40	2,014	-	512	4,853	157
Residual Fuel Oil	777	131	8,597	14	890	10,409	336
Naphtha for Petro. Feed. Use	-	-	-	-	-	-	-
Other Oils for Petro. Feed. Use	-	-	-	-	-	-	-
Special Naphthas	5	0	1,087	0	269	1,361	44
Lubricants	401	207	1,479	6	147	2,241	72
Waxes	88	29	59	0	6	183	6
Petroleum Coke	950	237	10,493	-	3,806	15,486	500
Asphalt and Road Oil	678	252	332	59	159	1,479	48
Miscellaneous Products	18	1	14	0	4	37	1
Total	11,101	5,701	69,515	372	9,545	96,233	3,104

- = 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: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report," and the U.S. Census Bureau.

Table 50. Year-to-Date Exports of Crude Oil and Petroleum Products by PAD District, January-October 2011
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	1,759	10,391	1,237	188	8	13,584	45
Natural Gas Plant Liquids and Liquefied							
Refinery Gases	3,665	11,092	35,775	1,656	4,956	57,143	188
Pentanes Plus	2,057	7,946	78	870	225	11,175	37
Liquefied Petroleum Gases	1,608	3,146	35,697	786	4,731	45,968	151
Ethane/Ethylene	-	-	-	-	-	-	-
Propane/Propylene	355	431	33,672	47	3,265	37,771	124
Normal Butane/Butylene	1,253	2,715	2,024	739	1,466	8,197	27
Isobutane/Isobutylene	-	-	-	-	-	-	-
Other Liquids	6,223	6,119	39,332	25	1,341	53,040	174
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	5,675	4,678	27,044	25	608	38,031	125
Hydrogen	-	-	-	-	-	-	-
Oxygenates (excluding Fuel Ethanol)	27	10	17,264	0	25	17,325	57
Methyl Tertiary Butyl Ether (MTBE)	23	6	11,407	-	9	11,445	38
Other Oxygenates	4	4	5,857	0	16	5,880	19
Renewable Fuels (including Fuel Ethanol) ...	5,649	4,668	9,781	25	583	20,706	68
Fuel Ethanol ²	5,649	4,668	9,781	25	583	20,706	68
Biomass-Based Diesel	-	-	-	-	-	-	-
Other Renewable Diesel	-	-	-	-	-	-	-
Other Renewable Fuels	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	-	-	-	-
Motor Gasoline Blend.Comp. (MGBC)	548	1,440	12,287	0	733	15,009	49
Reformulated	8	2	324	-	0	334	1
Conventional	540	1,439	11,963	0	733	14,675	48
Aviation Gasoline Blend. Comp.	-	-	-	-	-	-	-
Finished Petroleum Products	76,089	13,755	553,894	779	93,410	737,927	2,427
Finished Motor Gasoline	1,558	1,329	120,710	0	13,305	136,902	450
Reformulated	84	1	590	-	1,817	2,492	8
Conventional	1,474	1,328	120,120	0	11,488	134,410	442
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	2,238	1,495	16,978	10	7,403	28,124	93
Kerosene	88	99	1,120	104	147	1,558	5
Distillate Fuel Oil	35,563	1,264	188,604	12	23,049	248,492	817
15 ppm sulfur and under ³	10,195	1	140,190	8	13,599	163,992	539
Greater than 15 ppm to 500 ppm sulfur ³	18,128	642	29,588	4	7,221	55,584	183
Greater than 500 ppm sulfur	7,240	621	18,825	1	2,229	28,916	95
Residual Fuel Oil	24,592	1,510	96,927	86	8,277	131,392	432
Naphtha for Petro. Feed. Use	-	-	-	-	-	-	-
Other Oils for Petro. Feed. Use	-	-	-	-	-	-	-
Special Naphthas	442	4	9,858	0	1,074	11,379	37
Lubricants	1,873	1,902	14,850	71	2,617	21,313	70
Waxes	728	308	557	2	56	1,651	5
Petroleum Coke	5,911	3,572	100,968	1	36,316	146,769	483
Asphalt and Road Oil	2,906	2,263	3,046	492	1,139	9,845	32
Miscellaneous Products	191	9	275	0	27	503	2
Total	87,737	41,357	630,237	2,648	99,715	861,694	2,835

- = 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: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report," and the U.S. Census Bureau.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, October 2011
(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	—	—	—	152	152	—	0	0
Australia	—	0	0	—	0	0	1	—	1	1
Bahamas	—	—	4	—	2	19	21	—	101	101
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	2	—	—	—	—	—	—	—	—
Belize	—	—	0	—	—	36	36	—	0	0
Brazil	—	0	—	—	—	2,429	2,429	—	0	0
Canada	1,568	2,760	547	—	205	25	230	—	76	76
Cayman Islands	—	0	—	—	—	14	14	—	—	—
Chile	—	1	0	—	—	301	301	—	—	—
China	—	2	—	—	—	0	0	—	1	1
Colombia	—	0	—	—	—	255	255	—	4	4
Costa Rica	—	—	0	—	—	560	560	—	—	—
Denmark	—	—	0	—	—	—	—	—	—	—
Dominican Republic	—	—	—	—	—	105	105	—	—	—
Ecuador	—	0	124	—	—	781	781	—	—	—
Egypt	—	0	—	—	—	—	—	—	—	—
El Salvador	—	—	—	—	—	144	144	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	0	0
Germany	—	0	—	—	—	0	0	—	0	0
Ghana	—	—	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	—	—	—	—	—	—	—
Greece	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	171	171	—	—	—
Honduras	—	—	279	—	—	253	253	—	1	1
Hong Kong	—	—	—	—	—	—	—	—	0	0
India	—	0	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—
Ireland	—	—	—	—	—	—	—	—	—	—
Israel	—	0	0	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—
Jamaica	—	—	—	—	—	81	81	—	—	—
Japan	—	0	2	—	0	1	2	—	0	0
Korea, South	—	—	—	—	0	—	0	—	—	—
Lebanon	—	—	—	—	—	—	—	—	0	0
Mexico	—	26	920	—	53	9,410	9,463	40	951	991
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	—	—	—	—	—
Mozambique	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	14	14	0	14	14
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
New Zealand	—	—	0	—	0	—	0	—	—	—
Nicaragua	—	—	—	—	—	0	0	—	0	0
Nigeria	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—
Pakistan	—	—	—	—	—	—	—	—	—	—
Panama	—	0	76	—	—	407	407	—	0	0
Peru	—	1	0	—	—	300	300	—	—	—
Philippines	—	—	0	—	—	25	25	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—
Puerto Rico	—	2	0	—	—	—	—	—	1	1
Romania	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—
Serbia	—	—	—	—	—	—	—	—	—	—
Singapore	—	3	—	—	—	—	—	—	0	0
South Africa	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	300	300	—	—	—
Switzerland	—	—	—	—	—	—	—	—	0	0
Taiwan	—	0	0	—	—	—	—	—	—	—
Thailand	—	3	—	—	—	—	—	—	0	0
Trinidad and Tobago	—	—	—	—	—	—	—	—	0	0
Turkey	—	1	—	—	—	—	—	—	7	7
United Arab Emirates	—	0	—	—	—	0	0	—	1	1
United Kingdom	—	0	1	—	1	—	1	0	0	0
Venezuela	—	0	441	—	—	—	—	—	0	0
Other	—	3	2	—	2	170	171	—	6	7
Total	1,568	2,804	2,396	—	263	15,953	16,217	40	1,164	1,205

See footnotes at end of table.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, October 2011
(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	87	0	1	—	—	—	251	290	—	—	541
Australia	—	—	6	—	—	—	—	—	—	—	—
Bahamas	—	0	0	—	—	—	—	210	20	—	229
Bahrain	—	—	0	—	—	—	—	—	—	—	—
Belgium	—	0	0	—	—	—	621	266	—	—	887
Belize	—	—	—	—	—	—	24	—	—	—	24
Brazil	—	—	1,143	—	—	—	—	—	2,152	—	2,152
Canada	—	0	546	—	—	—	8	327	75	—	410
Cayman Islands	—	—	—	—	—	—	—	—	17	—	17
Chile	126	—	1	—	—	—	2,417	—	—	—	2,417
China	0	0	0	—	—	—	1	—	—	—	1
Colombia	—	—	0	—	—	—	1,723	0	—	—	1,723
Costa Rica	—	—	0	—	—	—	480	0	—	—	480
Denmark	—	—	—	—	—	—	—	—	—	—	—
Dominican Republic	—	—	—	—	—	—	76	357	67	—	500
Ecuador	—	—	—	—	—	—	—	480	—	—	480
Egypt	—	—	1	—	—	—	—	—	—	—	—
El Salvador	—	—	—	—	—	—	70	40	162	—	272
Finland	—	—	118	—	—	—	280	—	—	—	280
France	—	0	—	—	—	—	—	272	—	—	272
Germany	—	—	1	—	—	—	1,308	—	—	—	1,308
Ghana	—	—	—	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	—	—	—	2,850	470	—	—	3,320
Greece	—	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	50	162	54	—	266
Honduras	—	—	—	—	—	—	30	118	170	—	318
Hong Kong	—	—	0	—	—	—	—	—	—	—	—
India	—	0	2	—	—	—	—	0	—	—	0
Indonesia	—	0	—	—	—	—	—	—	—	—	—
Ireland	—	—	0	—	—	—	—	—	—	—	—
Israel	—	0	1	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	301	176	—	—	478
Jamaica	—	—	0	—	—	—	—	—	—	—	—
Japan	—	554	0	—	—	—	—	—	—	—	—
Korea, South	—	0	0	—	—	—	—	0	—	—	0
Lebanon	—	—	0	—	—	—	—	—	—	—	—
Mexico	577	162	49	—	—	—	3,256	385	16	—	3,657
Montenegro	—	—	—	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	—	—	—	—	—	—
Mozambique	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	0	459	—	—	—	5,287	283	493	—	6,062
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
New Zealand	—	—	—	—	—	—	—	—	—	—	—
Nicaragua	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	53	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—	—
Pakistan	—	—	—	—	—	—	—	—	—	—	—
Panama	—	—	—	—	—	—	72	717	—	—	789
Peru	—	—	25	—	—	—	213	—	572	—	786
Philippines	—	0	103	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico	—	0	5	—	—	—	—	—	—	—	—
Romania	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	7	—	0	—	—	—	—	—	—	—	—
Serbia	—	—	—	—	—	—	—	—	—	—	—
Singapore	—	0	—	—	—	—	0	—	—	—	0
South Africa	—	0	1	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	317	—	—	—	317
Switzerland	—	—	0	—	—	—	—	—	—	—	—
Taiwan	—	—	—	—	—	—	—	1	—	—	1
Thailand	—	0	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—
Turkey	—	—	115	—	—	—	2,385	—	—	—	2,385
United Arab Emirates	—	0	0	—	—	—	0	—	—	—	0
United Kingdom	—	0	261	—	—	—	131	—	—	—	131
Venezuela	533	0	—	—	—	—	—	—	—	—	—
Other	3	3	4	—	—	—	63	1,443	1,055	—	2,561
Total	1,333	719	2,895	—	—	—	22,214	5,997	4,853	—	33,064

See footnotes at end of table.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, October 2011
(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	94	0	—	—
Australia	1	—	—	—	0	0	—	—
Bahamas	—	—	—	28	32	1,497	—	—
Bahrain	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	0	—	—	—
Belize	—	—	—	4	—	—	—	—
Brazil	—	—	—	279	25	562	—	—
Canada	412	—	—	908	1	517	—	—
Cayman Islands	—	—	—	—	45	—	—	—
Chile	1	—	—	—	8	0	—	—
China	0	—	—	—	1	1	—	—
Colombia	0	—	—	45	65	0	—	—
Costa Rica	—	—	—	74	2	0	—	—
Denmark	—	—	—	—	—	—	—	—
Dominican Republic	—	—	—	53	33	1	—	—
Ecuador	—	—	—	—	—	210	—	—
Egypt	—	—	—	—	—	0	—	—
El Salvador	—	—	—	71	—	0	—	—
Finland	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—
Germany	—	—	—	—	0	—	—	—
Ghana	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	—	—	—	—	—
Greece	—	—	—	—	—	—	—	—
Guatemala	—	—	—	33	2	29	—	—
Honduras	—	—	—	59	2	272	—	—
Hong Kong	—	—	—	—	—	0	—	—
India	—	—	—	—	0	—	—	—
Indonesia	—	—	—	—	—	—	—	—
Ireland	—	—	—	—	0	—	—	—
Israel	—	—	—	197	3	—	—	—
Italy	—	—	—	—	—	—	—	—
Jamaica	—	—	—	—	—	374	—	—
Japan	0	—	—	—	315	—	—	—
Korea, South	—	—	—	—	268	0	—	—
Lebanon	—	—	—	—	—	750	—	—
Mexico	2	—	—	—	161	8	—	—
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	—	—	—
Mozambique	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	0	1,663	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—
New Zealand	—	—	—	—	—	2	—	—
Nicaragua	—	—	—	—	—	0	—	—
Nigeria	—	—	—	—	—	0	—	—
Norway	—	—	—	298	—	0	—	—
Pakistan	—	—	—	—	—	—	—	—
Panama	—	—	—	272	—	1,435	—	—
Peru	—	—	—	94	0	0	—	—
Philippines	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—
Puerto Rico	1	—	—	—	0	0	—	—
Romania	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	0	—	—	—
Serbia	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	0	2,595	—	—
South Africa	—	—	—	—	—	1	—	—
Spain	—	—	—	—	—	—	—	—
Switzerland	—	—	—	—	—	—	—	—
Taiwan	—	—	—	—	—	0	—	—
Thailand	—	—	—	—	0	0	—	—
Trinidad and Tobago	—	—	—	—	0	0	—	—
Turkey	—	—	—	—	—	0	—	—
United Arab Emirates	—	—	—	—	0	0	—	—
United Kingdom	—	—	—	—	0	136	—	—
Venezuela	—	—	—	—	—	—	—	—
Other	—	—	—	4	304	356	—	—
Total	417	—	—	2,419	1,361	10,409	—	—

See footnotes at end of table.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, October 2011
(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	32	—	908	908	—	29	29
Australia	0	217	3	56	1	286	286	—	9	9
Bahamas	—	—	2	3	0	1,917	1,917	—	62	62
Bahrain	0	—	—	1	—	1	1	—	0	0
Belgium	2	182	0	196	0	1,271	1,271	—	41	41
Belize	—	—	—	1	—	66	66	—	2	2
Brazil	0	1,119	38	228	0	7,977	7,977	—	257	257
Canada	108	1,092	596	281	8	8,494	10,062	51	274	325
Cayman Islands	—	—	2	1	—	79	79	—	3	3
Chile	5	273	95	134	0	3,362	3,362	—	108	108
China	2	3,731	34	14	1	3,788	3,788	—	122	122
Colombia	0	—	1	112	0	2,206	2,206	—	71	71
Costa Rica	—	—	0	25	0	1,141	1,141	—	37	37
Denmark	0	153	—	0	—	153	153	—	5	5
Dominican Republic	0	—	27	11	0	730	730	—	24	24
Ecuador	—	—	32	19	—	1,646	1,646	—	53	53
Egypt	0	—	—	0	—	1	1	—	0	0
El Salvador	—	—	—	5	—	492	492	—	16	16
Finland	—	—	—	1	—	399	399	—	13	13
France	0	14	0	33	0	319	319	—	10	10
Germany	1	276	2	3	1	1,593	1,593	—	51	51
Ghana	—	—	0	0	—	0	0	—	0	0
Gibraltar	—	—	—	—	—	3,320	3,320	—	107	107
Greece	0	—	0	0	—	0	0	—	0	0
Guatemala	0	—	0	12	0	515	515	—	17	17
Honduras	0	—	—	7	—	1,192	1,192	—	38	38
Hong Kong	0	—	—	1	—	2	2	—	0	0
India	3	845	—	18	0	868	868	—	28	28
Indonesia	0	0	8	1	—	10	10	—	0	0
Ireland	—	—	—	0	1	1	1	—	0	0
Israel	0	314	—	3	0	518	518	—	17	17
Italy	1	793	—	2	0	1,273	1,273	—	41	41
Jamaica	—	121	8	2	0	585	585	—	19	19
Japan	2	1,461	1	12	3	2,351	2,351	—	76	76
Korea, South	0	203	3	9	1	485	485	—	16	16
Lebanon	—	123	—	1	—	873	873	—	28	28
Mexico	53	1,804	162	312	14	18,360	18,360	—	592	592
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	—	266	—	0	—	266	266	—	9	9
Mozambique	—	123	—	—	—	123	123	—	4	4
Netherlands	1	309	220	2	2	8,748	8,748	—	282	282
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
New Zealand	0	55	168	1	—	227	227	—	7	7
Nicaragua	—	—	—	3	—	3	3	—	0	0
Nigeria	—	—	0	66	—	119	119	—	4	4
Norway	—	102	—	0	—	401	401	—	13	13
Pakistan	0	—	0	0	—	1	1	—	0	0
Panama	—	—	62	13	—	3,055	3,055	—	99	99
Peru	0	0	1	107	0	1,316	1,316	—	42	42
Philippines	0	0	0	1	0	129	129	—	4	4
Portugal	—	152	—	0	—	153	153	—	5	5
Puerto Rico	0	—	0	12	—	23	23	—	1	1
Romania	—	—	—	1	—	1	1	—	0	0
Saudi Arabia	—	—	—	64	—	72	72	—	2	2
Serbia	—	—	—	—	—	—	—	—	—	—
Singapore	0	—	0	7	0	2,606	2,606	—	84	84
South Africa	0	85	2	35	—	124	124	—	4	4
Spain	1	511	—	1	—	1,129	1,129	—	36	36
Switzerland	—	272	—	0	—	273	273	—	9	9
Taiwan	0	0	—	6	0	7	7	—	0	0
Thailand	—	—	8	4	0	16	16	—	1	1
Trinidad and Tobago	0	—	—	315	0	315	315	—	10	10
Turkey	0	539	—	1	—	3,049	3,049	—	98	98
United Arab Emirates	0	—	—	4	—	6	6	—	0	0
United Kingdom	0	60	2	11	0	604	604	—	19	19
Venezuela	0	75	0	4	—	1,055	1,055	—	34	34
Other	4	216	2	47	5	3,663	3,662	—	121	120
Total	183	15,486	1,479	2,241	37	94,666	96,233	51	3,054	3,104

— = 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: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report," and the U.S. Census Bureau.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-October 2011
(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	1	-	-	1,325	1,325	-	1	1
Australia	-	0	3	-	1	0	1	-	4	4
Bahamas	-	-	486	-	13	853	867	0	122	123
Bahrain	-	-	-	-	-	2	2	-	0	0
Belgium	-	2	2	-	-	1	1	-	58	58
Belize	-	-	0	-	-	371	371	-	0	0
Brazil	-	0	3,283	-	-	6,726	6,726	-	1,019	1,019
Canada	13,250	11,085	6,242	-	1,812	3,314	5,125	-	2,769	2,769
Cayman Islands	-	0	-	-	-	150	150	-	0	0
Chile	-	1	3,610	-	-	3,372	3,372	0	10	10
China	-	7	0	-	0	292	292	-	11	11
Colombia	-	1	14	-	1	734	735	-	26	26
Costa Rica	334	0	151	-	-	2,776	2,776	0	4	4
Denmark	-	-	1	-	0	-	0	-	-	-
Dominican Republic	-	-	4,498	-	-	370	370	0	3	3
Ecuador	-	1	2,179	-	0	7,991	7,991	0	2	2
Egypt	-	0	-	-	-	0	0	-	0	0
El Salvador	-	-	-	-	-	2,094	2,094	-	1	1
Finland	-	-	-	-	-	1	1	-	39	39
France	-	23	1	-	-	1	1	-	4	4
Germany	-	0	2	-	-	295	295	0	3	3
Ghana	-	-	-	-	-	-	-	-	0	0
Gibraltar	-	-	-	-	-	-	-	-	-	-
Greece	-	-	0	-	-	203	203	-	3	3
Guatemala	-	-	1,045	-	-	5,327	5,327	-	11	11
Honduras	-	-	2,885	-	-	2,567	2,567	-	2	2
Hong Kong	-	-	0	-	-	-	-	-	1	1
India	-	0	1	-	3	0	3	-	0	0
Indonesia	-	-	-	-	-	-	-	-	-	-
Ireland	-	-	1	-	-	-	-	-	-	-
Israel	-	0	4	-	0	241	241	-	0	0
Italy	-	-	1	-	3	0	3	-	1	1
Jamaica	-	-	10	-	-	258	258	-	0	0
Japan	-	0	914	-	3	22	24	0	3	3
Korea, South	-	0	76	-	0	0	1	-	19	19
Lebanon	-	-	-	-	-	-	-	-	1	1
Mexico	-	38	11,102	-	590	80,405	80,995	134	10,152	10,285
Montenegro	-	-	-	-	-	-	-	-	-	-
Morocco	-	-	-	-	-	-	-	-	-	-
Mozambique	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	7,065	-	-	1,066	1,066	1	103	104
Netherlands Antilles	-	-	-	-	-	5	5	-	1	1
New Zealand	-	-	1	-	2	0	2	-	0	0
Nicaragua	-	-	-	-	-	2	2	-	4	4
Nigeria	-	0	0	-	-	1,717	1,717	-	11	11
Norway	-	-	-	-	-	0	0	-	0	0
Pakistan	-	0	-	-	-	1	1	-	-	-
Panama	-	0	449	-	-	4,224	4,224	0	1	1
Peru	-	1	6	-	-	559	559	-	36	36
Philippines	-	-	0	-	-	25	25	-	0	0
Portugal	-	-	388	-	-	-	-	-	0	0
Puerto Rico	-	4	5	-	0	1	1	4	9	13
Romania	-	-	-	-	-	-	-	-	1	1
Saudi Arabia	-	-	0	-	-	0	0	-	2	2
Serbia	-	-	-	-	-	-	-	-	-	-
Singapore	-	4	0	-	-	0	0	-	10	10
South Africa	-	-	-	-	1	-	1	1	1	2
Spain	-	-	-	-	-	2,934	2,934	-	2	2
Switzerland	-	-	1	-	-	1,153	1,153	0	0	0
Taiwan	-	1	0	-	1	1	2	-	0	0
Thailand	-	3	0	-	-	-	-	-	0	0
Trinidad and Tobago	-	-	0	-	0	240	240	-	1	1
Turkey	-	2	0	-	4	2	6	0	20	20
United Arab Emirates	-	1	3	-	1	4	6	-	16	16
United Kingdom	-	0	730	-	12	1,039	1,051	1	39	40
Venezuela	-	1	441	-	-	-	-	1	4	4
Other	-	-	367	-	45	1,746	1,790	192	145	338
Total	13,584	11,175	45,968	-	2,492	134,410	136,902	334	14,675	15,009

See footnotes at end of table.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-October 2011
(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	256	0	3	—	—	—	2,861	2,092	173	—	5,126
Australia	0	0	225	—	—	—	—	2	—	—	2
Bahamas	—	0	2	—	—	—	236	2,054	1,128	—	3,418
Bahrain	—	—	0	—	—	—	0	—	0	—	0
Belgium	63	3	1	—	—	—	3,074	1,031	11	—	4,116
Belize	—	—	0	—	—	—	213	277	60	—	550
Brazil	0	1	5,951	—	—	—	2,625	2,546	8,709	—	13,880
Canada	11	1	5,566	—	—	—	125	3,463	2,012	—	5,600
Cayman Islands	—	—	—	—	—	—	129	221	153	—	503
Chile	964	0	11	—	—	—	22,224	1,988	0	—	24,213
China	232	2	4	—	—	—	2	5	0	—	7
Colombia	—	0	2	—	—	—	14,034	920	—	—	14,954
Costa Rica	100	0	1	—	—	—	5,634	372	1	—	6,008
Denmark	—	—	—	—	—	—	120	—	—	—	120
Dominican Republic	—	—	1	—	—	—	147	1,610	1,091	—	2,848
Ecuador	—	0	0	—	—	—	1,286	2,779	397	—	4,461
Egypt	—	0	2	—	—	—	667	207	—	—	874
El Salvador	—	—	0	—	—	—	300	1,022	557	—	1,879
Finland	—	0	916	—	—	—	280	—	—	—	280
France	—	314	0	—	—	—	8,389	1,747	298	—	10,434
Germany	0	0	8	—	—	—	2,686	0	3	—	2,689
Ghana	—	—	—	—	—	—	—	545	—	—	545
Gibraltar	300	—	—	—	—	—	12,620	3,051	—	—	15,672
Greece	—	—	—	—	—	—	620	—	—	—	620
Guatemala	12	—	0	—	—	—	700	3,354	2,201	—	6,255
Honduras	—	—	0	—	—	—	462	1,833	596	—	2,891
Hong Kong	—	0	8	—	—	—	—	0	—	—	0
India	1	3	5	—	—	—	0	1	—	—	1
Indonesia	—	0	0	—	—	—	—	—	—	—	—
Ireland	—	0	3	—	—	—	0	—	—	—	0
Israel	—	0	28	—	—	—	—	2	2	—	3
Italy	—	0	0	—	—	—	1,813	176	44	—	2,033
Jamaica	—	—	307	—	—	—	—	0	—	—	0
Japan	0	3,257	47	—	—	—	1	1	—	—	2
Korea, South	1	2	29	—	—	—	183	474	—	—	657
Lebanon	—	—	1	—	—	—	220	241	411	—	871
Mexico	4,025	1,303	569	—	—	—	27,253	2,141	630	—	30,024
Montenegro	—	—	—	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	—	597	261	—	—	858
Mozambique	—	0	—	—	—	—	—	—	—	—	—
Netherlands	—	0	2,592	—	—	—	30,723	7,633	3,295	—	41,651
Netherlands Antilles	—	—	1	—	—	—	—	290	30	—	320
New Zealand	—	0	—	—	—	—	0	0	0	—	0
Nicaragua	—	—	—	—	—	—	—	0	—	—	0
Nigeria	46	—	420	—	—	—	—	582	—	—	582
Norway	—	—	—	—	—	—	300	—	—	—	300
Pakistan	—	—	—	—	—	—	—	—	0	—	0
Panama	13	0	0	—	—	—	2,517	5,320	1,952	—	9,789
Peru	1	0	127	—	—	—	4,500	1,473	1,689	—	7,662
Philippines	—	0	282	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	0	—	—	0
Puerto Rico	—	2	41	—	—	—	0	43	—	—	43
Romania	—	—	—	—	—	—	301	—	—	—	301
Saudi Arabia	16	0	2	—	—	—	0	303	0	—	303
Serbia	—	—	—	—	—	—	—	—	—	—	—
Singapore	89	6	229	—	—	—	323	450	452	—	1,225
South Africa	—	0	8	—	—	—	856	355	—	—	1,211
Spain	40	982	0	—	—	—	3,236	315	—	—	3,551
Switzerland	—	0	1	—	—	—	—	0	—	—	0
Taiwan	1	0	3	—	—	—	—	2	—	—	2
Thailand	—	0	—	—	—	—	0	0	0	—	0
Trinidad and Tobago	—	0	1	—	—	—	—	0	0	—	1
Turkey	—	0	116	—	—	—	8,224	0	—	—	8,225
United Arab Emirates	—	0	1,263	—	—	—	0	0	—	—	0
United Kingdom	—	2	1,830	—	—	—	1,201	411	0	—	1,612
Venezuela	5,211	0	—	—	—	—	—	0	—	—	0
Other	63	2	100	—	—	—	2,310	3,991	3,021	—	9,320
Total	11,445	5,880	20,706	—	—	—	163,992	55,584	28,916	—	248,492

See footnotes at end of table.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-October 2011
(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	1	—	—	480	94	3,443	—	—
Australia	1	—	—	19	2	3	—	—
Bahamas	—	—	—	523	243	7,452	—	—
Bahrain	—	—	—	—	—	0	—	—
Belgium	0	—	—	—	79	331	—	—
Belize	—	—	—	91	—	0	—	—
Brazil	56	—	—	599	1,129	1,181	—	—
Canada	1,444	—	—	9,872	12	7,818	—	—
Cayman Islands	—	—	—	88	338	0	—	—
Chile	1	—	—	561	58	1,362	—	—
China	0	—	—	0	8	518	—	—
Colombia	1	—	—	45	715	1	—	—
Costa Rica	0	—	—	722	2	185	—	—
Denmark	—	—	—	—	—	0	—	—
Dominican Republic	0	—	—	604	938	705	—	—
Ecuador	1	—	—	8	0	1,977	—	—
Egypt	—	—	—	—	—	7	—	—
El Salvador	0	—	—	502	0	71	—	—
Finland	—	—	—	—	2	—	—	—
France	—	—	—	1,527	—	2	—	—
Germany	0	—	—	—	0	4	—	—
Ghana	—	—	—	—	—	0	—	—
Gibraltar	—	—	—	445	—	1,380	—	—
Greece	—	—	—	29	—	—	—	—
Guatemala	—	—	—	437	2	990	—	—
Honduras	—	—	—	487	289	3,909	—	—
Hong Kong	—	—	—	—	0	2	—	—
India	—	—	—	—	2	0	—	—
Indonesia	—	—	—	—	0	127	—	—
Ireland	—	—	—	—	0	0	—	—
Israel	—	—	—	1,647	8	14	—	—
Italy	—	—	—	19	—	1	—	—
Jamaica	0	—	—	74	0	3,057	—	—
Japan	0	—	—	—	548	384	—	—
Korea, South	—	—	—	—	826	708	—	—
Lebanon	1	—	—	—	—	6,293	—	—
Mexico	34	—	—	227	2,787	6,261	—	—
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	2,162	—	—
Mozambique	—	—	—	—	—	0	—	—
Netherlands	4	—	—	923	265	15,054	—	—
Netherlands Antilles	—	—	—	—	—	5,050	—	—
New Zealand	—	—	—	—	—	5	—	—
Nicaragua	—	—	—	—	—	0	—	—
Nigeria	—	—	—	1,646	1	0	—	—
Norway	—	—	—	298	—	1	—	—
Pakistan	—	—	—	30	—	0	—	—
Panama	0	—	—	2,548	—	12,782	—	—
Peru	1	—	—	279	81	1	—	—
Philippines	—	—	—	—	1	0	—	—
Portugal	—	—	—	—	—	—	—	—
Puerto Rico	3	—	—	—	6	2,087	—	—
Romania	—	—	—	—	—	0	—	—
Saudi Arabia	—	—	—	—	23	1	—	—
Serbia	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	1	34,960	—	—
South Africa	—	—	—	19	0	1	—	—
Spain	2	—	—	—	0	0	—	—
Switzerland	—	—	—	—	—	0	—	—
Taiwan	—	—	—	—	2	1	—	—
Thailand	—	—	—	—	5	163	—	—
Trinidad and Tobago	0	—	—	—	1	3	—	—
Turkey	3	—	—	—	—	3	—	—
United Arab Emirates	—	—	—	0	6	2,654	—	—
United Kingdom	5	—	—	901	3	2,031	—	—
Venezuela	—	—	—	—	721	1,400	—	—
Other	—	—	—	2,474	2,181	4,847	—	—
Total	1,558	—	—	28,124	11,379	131,392	—	—

See footnotes at end of table.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-October 2011
(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	412	5	445	0	11,595	11,595	—	38	38
Australia	3	2,729	9	421	2	3,426	3,426	—	11	11
Bahamas	0	—	9	25	13	13,160	13,160	—	43	43
Bahrain	0	433	—	4	—	439	439	—	1	1
Belgium	19	3,015	5	1,422	1	9,116	9,116	—	30	30
Belize	—	4	—	9	—	1,025	1,025	—	3	3
Brazil	6	12,253	292	2,307	12	48,696	48,696	—	160	160
Canada	958	9,226	4,049	2,669	60	72,504	85,754	44	238	282
Cayman Islands	0	—	6	15	—	1,100	1,100	—	4	4
Chile	25	1,424	562	757	1	36,932	36,932	—	121	121
China	37	14,928	221	633	5	16,905	16,905	—	56	56
Colombia	3	1	6	949	3	17,455	17,455	—	57	57
Costa Rica	1	335	125	192	1	10,605	10,939	1	35	36
Denmark	1	1,091	0	1	0	1,214	1,214	—	4	4
Dominican Republic	2	1,817	244	150	2	12,183	12,183	—	40	40
Ecuador	0	172	120	298	0	17,210	17,210	—	57	57
Egypt	0	493	4	6	0	1,386	1,386	—	5	5
El Salvador	0	199	2	222	0	4,971	4,971	—	16	16
Finland	0	272	1	39	—	1,550	1,550	—	5	5
France	20	2,223	2	286	0	14,836	14,836	—	49	49
Germany	6	1,456	67	306	7	4,844	4,844	—	16	16
Ghana	—	—	0	4	—	549	549	—	2	2
Gibraltar	—	—	—	—	—	17,797	17,797	—	59	59
Greece	0	1,698	0	3	—	2,555	2,555	—	8	8
Guatemala	1	1,185	60	188	1	15,514	15,514	—	51	51
Honduras	0	387	60	116	—	13,594	13,594	—	45	45
Hong Kong	3	0	25	15	2	57	57	—	0	0
India	38	3,456	3	343	2	3,860	3,860	—	13	13
Indonesia	1	0	36	18	0	182	182	—	1	1
Ireland	0	425	—	1	8	439	439	—	1	1
Israel	0	1,617	—	423	0	3,986	3,986	—	13	13
Italy	5	10,201	2	284	0	12,551	12,551	—	41	41
Jamaica	0	121	36	25	1	3,890	3,890	—	13	13
Japan	20	17,034	10	223	27	22,494	22,494	—	74	74
Korea, South	6	1,823	65	73	7	4,294	4,294	—	14	14
Lebanon	0	1,246	—	13	—	8,427	8,427	—	28	28
Mexico	381	16,463	1,236	2,937	264	168,932	168,932	—	556	556
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	0	5,386	—	5	—	8,412	8,412	—	28	28
Mozambique	—	888	—	0	—	889	889	—	3	3
Netherlands	81	3,309	915	358	24	73,410	73,410	—	241	241
Netherlands Antilles	0	20	1	3	0	5,401	5,401	—	18	18
New Zealand	0	594	168	19	—	788	788	—	3	3
Nicaragua	—	182	43	69	—	299	299	—	1	1
Nigeria	—	70	86	640	—	5,219	5,219	—	17	17
Norway	1	863	1	3	0	1,468	1,468	—	5	5
Pakistan	0	212	0	7	0	251	251	—	1	1
Panama	0	28	382	186	0	30,401	30,401	—	100	100
Peru	1	1	12	738	1	9,508	9,508	—	31	31
Philippines	1	1	0	16	1	327	327	—	1	1
Portugal	0	1,103	—	1	—	1,492	1,492	—	5	5
Puerto Rico	1	0	199	127	0	2,531	2,531	—	8	8
Romania	—	228	—	2	—	531	531	—	2	2
Saudi Arabia	0	94	—	174	0	615	615	—	2	2
Serbia	—	—	—	—	—	—	—	—	—	—
Singapore	1	0	3	852	1	37,380	37,380	—	123	123
South Africa	9	783	7	167	0	2,206	2,206	—	7	7
Spain	7	10,287	119	5	0	17,930	17,930	—	59	59
Switzerland	0	669	0	2	0	1,827	1,827	—	6	6
Taiwan	1	1	24	111	2	150	150	—	0	0
Thailand	1	7	40	52	4	276	276	—	1	1
Trinidad and Tobago	0	0	1	792	1	1,040	1,040	—	3	3
Turkey	0	8,549	5	113	0	17,041	17,041	—	56	56
United Arab Emirates	0	418	13	135	0	4,516	4,516	—	15	15
United Kingdom	2	488	16	131	1	8,842	8,842	—	29	29
Venezuela	1	587	8	142	1	8,518	8,518	—	28	28
Other	5	3,862	540	641	48	26,569	26,569	—	89	89
Total	1,651	146,769	9,845	21,313	503	848,110	861,694	45	2,790	2,835

— = 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: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report," and the U.S. Census Bureau.

Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, October 2011
(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	4,044	0	-18	68	-	-25	-25	-	68	68
Algeria	64	-	-	38	-	-	-	-	-	-
Angola	412	-	-	12	-	-	-	-	-	-
Ecuador	173	0	-4	-	-	-25	-25	-	6	6
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	490	-	-	-	-	-	-	-	-	-
Kuwait	276	0	-	-	-	-	-	-	-	-
Libya	-	-	-	2	-	-	-	-	-	-
Nigeria	630	-	-	16	-	-	-	-	41	41
Qatar	17	-	-	-	-	-	-	-	-	-
Saudi Arabia	1,120	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	0	-	-	-	0	0	-	0	0
Venezuela	862	0	-14	-	-	-	-	-	21	21
Non-OPEC	4,934	-71	57	472	-8	-424	-432	112	311	423
Argentina	11	0	-	-	-	-5	-5	-	0	0
Aruba	-	-	-	39	-	-1	-1	-	8	8
Australia	-	0	0	-	0	0	0	-	0	0
Bahamas	-	-	0	11	0	-1	-1	-	-3	-3
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	0	-	21	-	-	-	-	-	-
Brazil	153	0	2	2	-	-78	-78	-	2	2
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	31	-	-	-	-	-	-	-	-	-
Canada	2,220	-88	84	-	-7	32	25	60	18	78
Chad	27	-	-	-	-	-	-	-	-	-
China	8	0	-	-	-	0	0	-	0	0
Colombia	524	0	-	19	-	-8	-8	-	6	6
Denmark	-	-	0	-	-	-	-	-	0	0
Dominican Republic	-	-	2	-	-	-3	-3	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	1	-	-	-	9	19	29
Gabon	15	-	-	-	-	-	-	-	-	-
Germany	-	0	-	5	-	0	0	-	0	0
Guatemala	8	-	-	-	-	-6	-6	-	-	-
Honduras	-	-	-9	-	-	-8	-8	-	0	0
India	-	0	-	-	-	6	6	-	15	15
Indonesia	31	-	-	-	-	-	-	-	-	-
Italy	-	-	-	5	-	3	3	-	1	1
Japan	-	0	0	-	0	0	0	-	0	0
Korea, South	-	-	-	-	0	-	0	-	-	-
Latvia	-	-	-	-	-	-	-	-	7	7
Lithuania	-	-	-	2	-	-	-	-	0	0
Malaysia	-	0	-	-	-	-	-	-	9	9
Mexico	1,084	8	-29	10	-2	-304	-305	-1	-23	-24
Netherlands	-	-	3	8	-	0	0	0	9	9
Netherlands Antilles	-	-	-	-	-	-	-	-	4	4
Norway	106	-	6	23	-	-	-	-	42	42
Oman	44	-	-	-	-	-	-	-	0	0
Panama	-	0	-2	-	-	-13	-13	-	0	0
Portugal	-	-	-	-	-	9	9	-	15	15
Puerto Rico	-	0	0	-	-	-	-	-	0	0
Russia	383	-	-	256	-	-	-	-	7	7
Spain	-	-	2	-	-	-10	-10	-	27	27
Sweden	-	-	-	6	-	-	-	-	10	10
Trinidad and Tobago	44	-	-	11	-	-	-	-	0	0
United Kingdom	28	0	0	9	0	15	15	16	75	91
Vietnam	13	-	-	-	-	-	-	-	0	0
Virgin Islands, U.S.	-	0	-	-	-	-	-	28	60	88
Yemen	-	-	-	-	-	-	-	-	-	-
Other	204	9	-2	44	1	-52	-52	0	3	2
Total	8,978	-71	39	540	-8	-449	-457	112	379	491
Persian Gulf⁴	1,902	0	-	-	-	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, October 2011
(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	-17	0	-2	-	-	-	0	-15	-6	-	-22
Algeria	-	-	-	-	-	-	-	-	-6	-	-6
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-15	-	-	-15
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-2	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	0	-	0	-	-	-	-	-	-	-	-
United Arab Emirates	-	0	0	-	-	-	0	-	-	-	0
Venezuela	-17	0	-	-	-	-	-	-	-	-	-
Non-OPEC	-26	-23	-75	1	-	-	-644	-176	-98	-	-917
Argentina	-3	0	0	-	-	-	-8	-9	-	-	-17
Aruba	-	-	0	-	-	-	-	-	-	-	-
Australia	-	-	0	-	-	-	-	-	-	-	-
Bahamas	-	0	0	-	-	-	-	-7	-1	-	-7
Bahrain	-	-	0	-	-	-	-	-	-	-	-
Belgium	-	0	0	-	-	-	-20	-9	-	-	-29
Brazil	-	-	-27	-	-	-	-	-	-69	-	-69
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	0	-18	1	-	-	50	-9	26	-	67
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	0	0	-	-	-	0	-	-	-	0
Colombia	-	-	0	-	-	-	-56	0	-	-	-56
Denmark	-	-	-	-	-	-	-	-	-	-	-
Dominican Republic	-	-	-	-	-	-	-2	-12	-2	-	-16
Equatorial Guinea	-	-	-	-	-	-	-	0	-	-	0
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-4	-	-	-	-9	-	-	-	-9
France	-	0	-	-	-	-	-	-9	-	-	-9
Gabon	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	0	-	-	-	-42	-	-	-	-42
Guatemala	-	-	-	-	-	-	-2	-5	-2	-	-9
Honduras	-	-	-	-	-	-	-1	-4	-5	-	-10
India	-	0	0	-	-	-	-	0	-	-	0
Indonesia	-	0	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-10	-6	-	-	-15
Japan	-	-18	0	-	-	-	-	-	-	-	-
Korea, South	-	0	0	-	-	-	-	0	-	-	0
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-15	-	-15
Mexico	-19	-5	-2	-	-	-	-105	-12	-1	-	-118
Netherlands	-	0	-15	-	-	-	-171	-9	-16	-	-196
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Panama	-	-	-	-	-	-	-2	-23	-	-	-25
Portugal	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	0	0	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-10	-	-	-	-10
Sweden	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	6	-	-	-	-	-	-	-	-
United Kingdom	-	0	-8	-	-	-	-4	-	-	-	-4
Vietnam	-	-	-	-	-	-	0	-	-	-	0
Virgin Islands, U.S.	-	-	0	-	-	-	23	-	24	-	47
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-4	0	-7	0	-	-	-275	-62	-37	-	-375
Total	-43	-23	-77	1	-	-	-644	-191	-104	-	-939
Persian Gulf⁴	0	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, October 2011
(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	0	14	15	40
Algeria	-	-	-	-	-	20	12	40
Angola	-	-	-	-	0	-	-	-
Ecuador	-	-	-	-	-	-7	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	0	-	-
Libya	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	0	3	-
Qatar	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	0	-	-	-
United Arab Emirates	-	-	-	-	0	0	-	-
Venezuela	-	-	-	8	-	0	1	0
Non-OPEC	-4	0	-	-25	-31	-68	47	19
Argentina	-	-	-	0	-3	0	-	0
Aruba	-	-	-	-	-	-3	-	-
Australia	0	-	-	-	0	0	-	-
Bahamas	-	-	-	-1	-1	-40	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	0	-	4	-
Brazil	-	-	-	-9	-1	-1	2	-
Brunei	-	-	-	-	0	-	-	-
Cameroon	-	-	-	-	-	-	-	-
Canada	-12	0	-	-26	6	60	3	2
Chad	-	-	-	-	-	-	-	-
China	0	-	-	-	0	0	-	-
Colombia	0	-	-	-1	-2	30	-	-
Denmark	-	-	-	-	-	-	-	-
Dominican Republic	-	-	-	-2	-1	0	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	1
Gabon	-	-	-	-	-	-	-	-
Germany	-	-	-	-	2	-	0	-
Guatemala	-	-	-	-1	0	-1	-	-
Honduras	-	-	-	-2	0	-9	-	-
India	-	-	-	-	0	-	-	-
Indonesia	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-
Japan	0	-	-	20	-10	-	-	-
Korea, South	-	-	-	20	-5	0	2	-
Latvia	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-
Malaysia	0	-	-	-	-	0	-	-
Mexico	0	-	-	-	-5	45	19	-
Netherlands	-	-	-	-	0	-53	2	-
Netherlands Antilles	-	-	-	3	-	-	-	-
Norway	-	-	-	-10	-	0	3	-
Oman	-	-	-	-	0	0	-	-
Panama	-	-	-	-9	-	-46	-	-
Portugal	-	-	-	-	-	-	-	-
Puerto Rico	0	-	-	-	0	0	-	-
Russia	-	-	-	-	-	25	-	17
Spain	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	9	-	-
Trinidad and Tobago	-	-	-	-	0	33	-	-
United Kingdom	-	-	-	-	0	2	0	-
Vietnam	-	-	-	-	-	0	-	-
Virgin Islands, U.S.	9	-	-	7	-	-	-	-
Yemen	-	-	-	-	-	-	-	-
Other	-1	0	-	-14	-11	-119	12	-1
Total	-4	0	-	-17	-31	-54	62	59
Persian Gulf⁴	-	-	-	-	0	0	-	-

See footnotes at end of table.

Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, October 2011
(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	-3	-1	-4	-	120	4,163
Algeria	-	-	-	-	-	103	167
Angola	-	-	-	0	-	12	424
Ecuador	-	-	-1	-1	-	-47	125
Iran	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	490
Kuwait	-	2	0	0	-	2	278
Libya	-	-	-	-	-	2	2
Nigeria	-	-	0	-2	-	56	686
Qatar	-	-4	-	0	-	-4	13
Saudi Arabia	-	-	-	-2	-	-2	1,117
United Arab Emirates	0	-	-	0	-	0	0
Venezuela	0	-2	0	1	-	-2	860
Non-OPEC	-2	-481	-29	-45	-1	-1,208	3,727
Argentina	0	3	0	-1	-	-26	-15
Aruba	-	6	-	0	-	49	49
Australia	0	-7	0	-2	0	-9	-9
Bahamas	-	-	0	0	0	-42	-42
Bahrain	0	-	-	0	-	0	0
Belgium	0	-6	0	-6	0	-15	-15
Brazil	0	-36	-1	-7	0	-223	-70
Brunei	-	-	-	-	-	0	0
Cameroon	-	-	-	0	-	0	31
Canada	-3	-33	-1	-1	0	147	2,367
Chad	-	-	-	-	-	-	27
China	0	-120	-1	0	0	-122	-114
Colombia	0	-	0	-4	0	-17	507
Denmark	0	-5	-	0	-	-5	-5
Dominican Republic	0	-	-1	0	0	-22	-22
Equatorial Guinea	-	-	-	0	-	0	0
Estonia	-	-	-	0	-	0	0
Finland	-	-	-	1	-	-12	-12
France	0	0	0	-1	0	21	21
Gabon	-	-	-	0	-	0	15
Germany	0	-9	0	0	0	-44	-44
Guatemala	0	-	0	0	0	-17	-9
Honduras	0	-	-	0	-	-38	-38
India	0	-27	-	-1	0	-7	-7
Indonesia	0	0	0	0	-	0	31
Italy	0	-26	-	0	0	-32	-32
Japan	1	-47	0	0	0	-55	-55
Korea, South	0	-7	0	6	0	17	17
Latvia	-	-	-	0	-	7	7
Lithuania	-	-	-	-	-	2	2
Malaysia	0	-	0	0	0	-7	-7
Mexico	-2	-58	-5	-10	0	-500	584
Netherlands	0	-10	-7	0	0	-259	-259
Netherlands Antilles	-	-	-	-	-	7	7
Norway	1	-3	-	0	-	61	167
Oman	-	0	-	0	-	0	44
Panama	-	-	-2	0	-	-99	-99
Portugal	-	-5	-	1	-	20	20
Puerto Rico	0	-	0	0	-	-1	-1
Russia	-	-	-	0	-	305	687
Spain	0	-15	-	4	-	-2	-2
Sweden	0	-	-	0	0	25	25
Trinidad and Tobago	0	-	-	-10	0	41	85
United Kingdom	0	-2	0	1	0	103	130
Vietnam	-	-	0	0	-	0	13
Virgin Islands, U.S.	0	-	0	0	-	151	151
Yemen	-	-	-	-	-	-	-
Other	1	-74	-11	-15	-1	-610	-403
Total	-2	-485	-30	-49	-1	-1,088	7,890
Persian Gulf⁴	0	-2	0	-2	-	-4	1,898

- = 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: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report," and 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-October 2011
(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	4,265	14	5	115	0	-27	-27	2	67	69
Algeria	190	2	13	71	-	0	0	-	7	7
Angola	332	2	0	10	-	-	-	-	0	0
Ecuador	200	0	-7	-	0	-26	-26	0	2	2
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	474	-	-	-	-	0	0	-	0	0
Kuwait	176	0	-	-	-	-	-	-	0	0
Libya	11	-	1	1	-	-	-	-	1	1
Nigeria	806	3	0	16	-	-5	-5	0	27	27
Qatar	6	-	-	-	-	-	-	-	0	0
Saudi Arabia	1,174	2	0	2	-	1	1	-	1	1
United Arab Emirates	7	0	0	3	0	0	0	-	0	0
Venezuela	890	6	-1	11	-	3	3	2	29	31
Non-OPEC	4,642	-10	-28	508	-8	-303	-311	180	421	601
Argentina	29	0	0	-	-	-4	-4	-	2	2
Aruba	-	-	0	61	-	0	0	0	3	3
Australia	2	0	0	-	0	0	0	-	0	0
Bahamas	-	-	-2	7	0	-3	-3	0	4	4
Bahrain	-	-	-	-	-	0	0	-	0	0
Belgium	-	0	1	43	-	0	0	1	3	4
Brazil	217	0	-10	5	-	-22	-22	-	-2	-2
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	34	-	-	2	-	-	-	-	-	-
Canada	2,125	-35	84	5	-6	23	17	79	35	113
Chad	51	0	-	-	-	-	-	-	-	-
China	2	0	0	-	0	-1	-1	-	0	0
Colombia	380	0	0	4	0	-2	-2	-	4	4
Denmark	-	-	0	1	0	-	0	0	0	0
Dominican Republic	-	-	-14	-	-	-1	-1	0	0	0
Equatorial Guinea	23	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	12	-	-	-	-	-	-
Finland	-	-	-	1	-	0	0	-	10	10
France	-	0	0	1	-	6	6	9	16	25
Gabon	34	-	-	-	0	-	0	-	-	-
Germany	-	0	0	2	-	-1	-1	1	2	2
Guatemala	9	-	-3	-	-	-18	-18	-	0	0
Honduras	-	-	-9	-	-	-8	-8	-	0	0
India	-	0	0	9	0	9	9	7	29	37
Indonesia	23	-	-	-	-	-	-	-	-	-
Italy	-	-	1	7	0	14	14	-	11	11
Japan	-	0	-3	-	0	0	0	0	0	0
Korea, South	-	0	0	0	0	3	3	-	6	6
Latvia	-	-	-	-	-	0	0	0	7	7
Lithuania	-	-	-	0	-	-	-	-	4	4
Malaysia	-	0	0	2	-	-	-	-	1	1
Mexico	1,110	14	-35	12	-2	-264	-266	0	-26	-26
Netherlands	-	-	-23	18	-	10	10	2	55	57
Netherlands Antilles	-	1	-	-	-	0	0	-	5	5
Norway	53	1	4	19	-	5	5	0	19	19
Oman	39	-	-	-	-	-	-	-	1	1
Panama	-	0	-1	-	-	-14	-14	0	0	0
Portugal	-	-	-1	3	-	3	3	-	10	10
Puerto Rico	-	0	0	-	0	0	0	0	0	0
Russia	260	-	0	231	-	0	0	0	26	27
Spain	-	-	0	2	-	-4	-4	0	44	44
Sweden	-	0	-	2	-	1	1	0	14	14
Trinidad and Tobago	34	-	0	7	0	0	0	-	2	2
United Kingdom	36	0	-2	8	0	9	9	37	59	96
Vietnam	10	-	-	-	-	0	0	-	0	0
Virgin Islands, U.S.	-	0	0	17	-	0	0	44	57	101
Yemen	7	-	0	-	0	-	0	-	-	-
Other	164	9	-15	27	0	-44	-44	0	20	20
Total	8,907	4	-22	623	-8	-330	-338	181	489	670
Persian Gulf⁴	1,837	2	0	5	0	1	1	-	1	1

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-October 2011
(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	-17	0	-6	-	-	-	2	-13	-4	2	-14
Algeria	-	-	-	-	-	-	1	-1	-3	-	-3
Angola	-	-	0	-	-	-	-	-	-	-	-
Ecuador	-	0	0	-	-	-	-4	-9	-1	-	-15
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	0	-	-	-	-	-	-	-	-
Kuwait	-	-	0	-	-	-	-	0	-	-	0
Libya	-	0	-	-	-	-	-	-	-	-	-
Nigeria	0	-	-1	-	-	-	-	-2	-	2	0
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	0	0	0	-	-	-	0	-1	0	-	-1
United Arab Emirates	-	0	-4	-	-	-	0	0	-	-	0
Venezuela	-17	0	-	-	-	-	5	0	-	-	5
Non-OPEC	-20	-19	-56	1	-	0	-426	-163	-38	4	-623
Argentina	-1	0	0	-	-	-	-9	-7	-1	-	-17
Aruba	-	-	0	-	-	-	0	3	-	-	3
Australia	0	0	-1	-	-	-	-	0	-	-	0
Bahamas	-	0	0	-	-	-	-1	-7	-4	-	-11
Bahrain	-	-	0	-	-	-	0	-	0	-	0
Belgium	0	0	0	-	-	-	-10	-3	0	-	-13
Brazil	0	0	-17	-	-	-	-9	-8	-29	0	-45
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	0	0	-18	0	-	0	75	-8	19	1	86
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-1	0	0	-	-	-	0	0	0	-	0
Colombia	-	0	0	-	-	-	-46	-3	1	-	-49
Denmark	-	-	-	-	-	-	0	-	-	-	0
Dominican Republic	-	-	0	-	-	-	0	-5	-4	-	-9
Equatorial Guinea	-	-	-	-	-	-	-	0	-	-	0
Estonia	-	-	-	-	-	-	-	0	-	-	0
Finland	-	0	-3	-	-	-	-1	-	-	-	-1
France	-	-1	0	-	-	-	-27	-6	-1	-	-34
Gabon	-	-	-	-	-	-	-	-	-	-	-
Germany	0	0	0	-	-	-	-9	0	0	-	-9
Guatemala	0	-	0	-	-	-	-2	-11	-7	-	-21
Honduras	-	-	0	-	-	-	-2	-6	-2	-	-10
India	0	0	0	-	-	-	0	0	-	-	0
Indonesia	-	0	0	-	-	-	-	-	-	-	-
Italy	-	0	0	-	-	-	-6	-1	0	-	-7
Japan	0	-11	0	-	-	-	1	0	-	-	1
Korea, South	0	0	0	-	-	-	0	-2	-	-	-2
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	0	0	-	-	-	0	-	-3	-	-3
Mexico	-13	-4	-2	-	-	-	-90	-7	-2	-	-99
Netherlands	-	0	-9	-	-	-	-100	-25	-10	-	-135
Netherlands Antilles	-	-	0	-	-	-	-	-1	0	-	-1
Norway	-	-	-	-	-	-	-1	-	-	-	-1
Oman	-	-	0	-	-	-	-	0	-	-	0
Panama	0	0	0	-	-	-	-8	-17	-6	-	-32
Portugal	-	-	-	-	-	-	-	0	-	-	0
Puerto Rico	-	0	0	-	-	-	0	0	-	-	0
Russia	0	0	0	-	-	-	4	0	2	3	9
Spain	0	-3	0	-	-	-	-10	-1	-	-	-11
Sweden	-	0	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	0	2	-	-	-	-	0	0	-	0
United Kingdom	-	0	-6	-	-	-	-4	-1	1	-	-5
Vietnam	-	-	-	-	-	-	0	-	-	-	0
Virgin Islands, U.S.	-	-	0	-	-	-	25	-	23	-	49
Yemen	-	0	0	-	-	-	-	-	-	-	-
Other	-5	0	-2	1	-	0	-196	-47	-15	0	-256
Total	-38	-19	-61	1	-	0	-425	-176	-42	6	-637
Persian Gulf⁴	0	0	-4	-	-	-	0	-1	0	-	-1

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-October 2011
(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	-	-	12	-1	22	7	48
Algeria	-	-	-	-	0	39	4	46
Angola	-	-	-	-	0	0	1	-
Ecuador	0	-	-	0	0	-6	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	0	-	-
Kuwait	-	-	-	-	-	0	-	-
Libya	-	-	-	-	-	-	1	1
Nigeria	-	-	-	-5	0	1	0	-
Qatar	-	-	-	-	-	0	-	-
Saudi Arabia	-	-	-	0	1	0	0	-
United Arab Emirates	-	-	-	0	0	-9	-	-
Venezuela	-	-	-	18	-2	-2	1	0
Non-OPEC	-4	0	-	-32	-23	-98	46	38
Argentina	0	-	-	-2	0	-11	0	0
Aruba	-	-	-	3	0	-7	4	-
Australia	0	-	-	0	0	0	0	-
Bahamas	-	-	-	-2	-1	-13	-	-
Bahrain	-	-	-	-	-	0	-	-
Belgium	0	-	-	-	0	1	1	1
Brazil	0	-	-	-2	-4	2	1	-
Brunei	-	-	-	-	0	-	-	-
Cameroon	-	-	-	-	-	0	-	-
Canada	-4	0	-	-26	3	49	5	2
Chad	-	-	-	-	-	0	-	-
China	0	-	-	0	0	-2	-	-
Colombia	0	-	-	0	-2	24	0	-
Denmark	-	-	-	-	-	0	-	-
Dominican Republic	0	-	-	-2	-3	-2	-	-
Equatorial Guinea	-	-	-	-	-	0	0	5
Estonia	-	-	-	-2	-	1	-	-
Finland	-	-	-	-	0	3	0	-
France	-	-	-	-5	0	0	0	1
Gabon	-	-	-	-	-	-	-	-
Germany	0	-	-	-	0	0	0	-
Guatemala	-	-	-	-1	0	-3	-	-
Honduras	-	-	-	-2	-1	-13	-	-
India	-	-	-	2	0	0	0	-
Indonesia	-	-	-	-	0	0	-	-
Italy	-	-	-	0	0	0	1	-
Japan	0	-	-	7	-2	-1	0	-
Korea, South	-	-	-	26	3	-2	5	-
Latvia	-	-	-	-	-	2	-	-
Lithuania	-	-	-	-	-	0	-	-
Malaysia	0	-	-	-	0	-1	-	-
Mexico	0	-	-	0	-9	30	17	-
Netherlands	0	-	-	-3	-1	-44	1	-
Netherlands Antilles	-	-	-	2	-	-12	-	-
Norway	-	-	-	-1	-	0	2	5
Oman	-	-	-	-	0	0	-	-
Panama	0	-	-	-8	-	-42	-	-
Portugal	-	-	-	-	-	0	-	-
Puerto Rico	0	-	-	-	0	-7	-	-
Russia	-	-	-	-	0	64	3	24
Spain	0	-	-	-	0	1	1	1
Sweden	-	-	-	-	-	7	0	-
Trinidad and Tobago	0	-	-	-	0	30	-	-
United Kingdom	0	-	-	-3	0	-1	1	-
Vietnam	-	-	-	-	-	0	-	-
Virgin Islands, U.S.	1	-	-	6	-5	9	-	-
Yemen	-	-	-	-	-	1	-	-
Other	-1	0	-	-19	-1	-161	4	-1
Total	-4	0	-	-19	-25	-76	53	86
Persian Gulf⁴	-	-	-	0	1	-9	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-October 2011
(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	-5	-1	-4	0	221	4,486
Algeria	0	0	0	0	-	180	370
Angola	-	0	0	0	-	12	344
Ecuador	0	-1	0	-1	0	-54	146
Iran	-	-	-	-	-	-	-
Iraq	0	-	0	0	-	0	475
Kuwait	0	1	0	0	-	1	176
Libya	-	-	-	0	-	5	16
Nigeria	-	0	0	-2	-	34	840
Qatar	0	-2	0	0	-	-2	5
Saudi Arabia	0	0	-	-1	0	4	1,178
United Arab Emirates	0	-1	0	0	0	-11	-5
Venezuela	0	-1	0	0	0	53	943
Non-OPEC	-1	-465	-9	-40	-1	-543	4,099
Argentina	0	0	0	-1	0	-34	-5
Aruba	-	2	0	0	-	69	69
Australia	0	-9	0	-1	0	-11	-9
Bahamas	0	-	0	0	0	-20	-20
Bahrain	0	-1	-	0	-	-1	-1
Belgium	0	-10	-	-4	0	23	23
Brazil	0	-40	-1	-8	0	-143	74
Brunei	-	0	-	0	-	0	0
Cameroon	-	-	0	0	-	3	36
Canada	-2	-27	9	1	0	265	2,390
Chad	-	0	-	0	-	0	51
China	1	-49	-1	-2	0	-54	-52
Colombia	0	0	0	-3	0	-24	356
Denmark	0	-4	0	0	0	-2	-2
Dominican Republic	0	-6	-1	0	0	-39	-39
Equatorial Guinea	-	-	-	0	-	5	28
Estonia	0	-	-	0	-	11	11
Finland	0	-1	0	0	-	10	10
France	0	-7	0	-1	0	-15	-15
Gabon	-	-1	0	0	-	-1	34
Germany	0	-5	0	-1	0	-11	-11
Guatemala	0	-4	0	-1	0	-51	-42
Honduras	0	-1	0	0	-	-45	-45
India	0	-11	0	-1	0	44	44
Indonesia	0	0	0	1	0	0	23
Italy	0	-34	0	0	0	-7	-7
Japan	0	-56	0	-1	0	-64	-64
Korea, South	0	-6	0	10	0	42	42
Latvia	-	-	-	0	0	9	9
Lithuania	0	-	-	0	0	4	4
Malaysia	0	0	0	0	0	-1	-1
Mexico	-1	-54	-4	-10	-1	-452	658
Netherlands	0	-11	-3	-1	0	-142	-142
Netherlands Antilles	0	0	0	0	0	-6	-6
Norway	0	-3	0	0	0	51	105
Oman	-	0	-	0	-	1	40
Panama	0	0	-1	-1	0	-100	-100
Portugal	0	-4	-	0	-	12	12
Puerto Rico	0	0	-1	0	0	-8	-8
Russia	0	0	0	0	-	356	616
Spain	0	-32	0	0	0	-2	-2
Sweden	0	0	0	0	0	24	24
Trinidad and Tobago	0	0	0	-3	0	38	72
United Kingdom	0	-2	0	0	0	96	132
Vietnam	0	0	0	0	0	0	10
Virgin Islands, U.S.	0	2	0	0	0	180	180
Yemen	-	-	0	0	-	1	7
Other	1	-91	-6	-13	0	-554	-390
Total	-1	-469	-9	-44	-1	-322	8,585
Persian Gulf⁴	0	-4	0	-1	0	-9	1,828

- = 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: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report," and the U.S. Census Bureau.

Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, October 2011
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil	10,466	93,374	863,126	16,591	51,002	1,034,559
Refinery	9,382	12,603	46,492	2,249	23,789	94,515
Tank Farms and Pipelines (Includes Cushing, OK)	976	78,122	103,981	12,086	22,697	217,862
Cushing, Oklahoma	-	32,045	-	-	-	32,045
Leases	108	2,649	16,702	2,256	548	22,263
Strategic Petroleum Reserve ¹	-	-	695,951	-	-	695,951
Alaskan In Transit	-	-	-	-	3,968	3,968
Total Stocks, All Oils (excluding Crude Oil)²	164,313	174,264	291,549	16,698	88,427	735,251
Refinery	28,062	48,260	121,410	10,456	52,699	260,887
Bulk Terminal	109,832	91,145	114,869	3,564	30,706	350,116
Pipeline	26,185	33,724	52,934	2,517	4,544	119,904
Natural Gas Processing Plant	234	1,135	2,336	161	478	4,344
Pentanes Plus	28	7,757	8,216	187	153	16,341
Refinery	-	430	371	20	7	828
Bulk Terminal	2	2,860	5,765	5	120	8,752
Pipeline	-	4,296	1,826	112	-	6,234
Natural Gas Processing Plant	26	171	254	50	26	527
Liquefied Petroleum Gases	9,832	50,292	63,763	1,306	7,520	132,713
Refinery	2,741	4,912	7,897	449	2,097	18,096
Bulk Terminal	6,007	37,382	45,306	14	4,971	93,680
Pipeline	876	7,034	8,478	732	-	17,120
Natural Gas Processing Plant	208	964	2,082	111	452	3,817
Ethane/Ethylene	-	4,976	16,327	407	-	21,710
Refinery	-	-	261	-	-	261
Bulk Terminal	-	3,022	12,155	-	-	15,177
Ethylene	-	-	1,790	-	-	1,790
Pipeline	-	1,802	3,584	405	-	5,791
Natural Gas Processing Plant	-	152	327	2	-	481
Propane/Propylene	6,303	25,382	25,345	369	2,333	59,732
Refinery	391	2,500	1,692	94	147	4,824
Bulk Terminal	4,868	18,375	19,729	9	2,124	45,105
Nonfuel Use	-	-	3,578	-	-	3,578
Pipeline	863	4,069	3,401	207	-	8,540
Natural Gas Processing Plant	181	438	523	59	62	1,263
Normal Butane/Butylene	3,184	18,110	18,657	363	4,813	45,127
Refinery	2,014	2,035	4,924	242	1,631	10,846
Bulk Terminal	1,139	15,148	11,643	5	2,831	30,766
Refinery Grade Butane	-	7,937	3,402	-	-	11,339
Pipeline	13	704	1,005	74	-	1,796
Natural Gas Processing Plant	18	223	1,085	42	351	1,719
Isobutane/Isobutylene	345	1,824	3,434	167	374	6,144
Refinery	336	377	1,020	113	319	2,165
Bulk Terminal	-	837	1,779	-	16	2,632
Pipeline	-	459	488	46	-	993
Natural Gas Processing Plant	9	151	147	8	39	354
Other Hydrocarbons	-	36	-	-	-	36
Refinery	-	36	-	-	-	36
Oxygenates (excluding Fuel Ethanol)	-	-	580	-	-	580
Refinery	-	-	89	-	-	89
Bulk Terminal	-	-	491	-	-	491
Pipeline	-	-	-	-	-	-
MTBE	-	-	476	-	-	476
Refinery	-	-	89	-	-	89
Bulk Terminal ³	-	-	387	-	-	387
Pipeline	-	-	-	-	-	-
Other Oxygenates⁴	-	-	104	-	-	104
Refinery	-	-	-	-	-	-
Bulk Terminal	-	-	104	-	-	104
Pipeline	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol)	6,486	7,011	3,410	242	2,404	19,553
Refinery	180	89	95	77	61	502
Bulk Terminal	6,235	6,922	3,282	165	2,343	18,947
Pipeline	71	-	33	-	-	104
Fuel Ethanol	6,010	6,733	2,837	241	2,251	18,072
Refinery	178	74	89	77	34	452
Bulk Terminal	5,832	6,659	2,747	164	2,217	17,619
Pipeline	-	-	1	-	-	1
Renewable Diesel Fuel	476	278	573	1	153	1,481
Refinery	2	15	6	-	27	50
Bulk Terminal	403	263	535	1	126	1,328
Pipeline	71	-	32	-	-	103
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, October 2011
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Unfinished Oils	7,435	14,887	46,093	3,065	19,436	90,916
Naphthas and Lighter	1,426	3,883	11,528	811	4,121	21,769
Refinery	1,426	3,814	10,380	811	4,024	20,455
Bulk Terminal	—	69	1,148	—	97	1,314
Kerosene and Light Gas Oils	839	2,718	8,008	612	2,792	14,969
Refinery	786	2,624	7,893	612	2,789	14,704
Bulk Terminal	53	94	115	—	3	265
Heavy Gas Oils	3,220	5,838	20,250	1,204	10,320	40,832
Refinery	2,834	5,303	17,994	1,204	10,320	37,655
Bulk Terminal	386	535	2,256	—	—	3,177
Residuum	1,950	2,448	6,307	438	2,203	13,346
Refinery	1,782	2,436	6,307	438	2,203	13,166
Bulk Terminal	168	12	—	—	—	180
Motor Gasoline Blending Components	43,894	26,582	55,478	2,372	23,761	152,087
Refinery	7,423	9,722	24,797	1,998	14,063	58,003
Bulk Terminal	28,557	10,800	15,683	273	7,927	63,240
Pipeline	7,914	6,060	14,998	101	1,771	30,844
Reformulated - RBOB	15,495	5,763	11,483	—	11,599	44,340
Refinery	2,755	1,009	1,944	—	5,264	10,972
Bulk Terminal	9,384	3,714	4,195	—	5,071	22,364
Pipeline	3,356	1,040	5,344	—	1,264	11,004
Conventional	28,399	20,819	43,995	2,372	12,162	107,747
Refinery	4,668	8,713	22,853	1,998	8,799	47,031
Bulk Terminal	19,173	7,086	11,488	273	2,856	40,876
Pipeline	4,558	5,020	9,654	101	507	19,840
CBOB	19,358	12,737	21,874	648	4,160	58,777
Refinery	487	3,031	9,199	274	1,059	14,050
Bulk Terminal	14,318	6,319	4,321	273	2,608	27,839
Pipeline	4,553	3,387	8,354	101	493	16,888
GTAB	1,107	—	—	—	—	1,107
Refinery	176	—	—	—	—	176
Bulk Terminal	931	—	—	—	—	931
Pipeline	—	—	—	—	—	—
Other	7,934	8,082	22,121	1,724	8,002	47,863
Refinery	4,005	5,682	13,654	1,724	7,740	32,805
Bulk Terminal	3,924	767	7,167	—	248	12,106
Pipeline	5	1,633	1,300	—	14	2,952
Aviation Gasoline Blending Components	—	3	11	—	—	14
Refinery	—	3	11	—	—	14
Bulk Terminal	—	—	—	—	—	—
Finished Motor Gasoline	8,281	21,063	18,500	4,190	4,256	56,290
Refinery	745	3,198	5,621	1,708	1,895	13,167
Bulk Terminal	3,543	11,359	6,116	1,570	2,110	24,698
Pipeline	3,993	6,506	6,763	912	251	18,425
Reformulated	100	—	—	—	19	119
Refinery	—	—	—	—	19	19
Bulk Terminal	100	—	—	—	—	100
Pipeline	—	—	—	—	—	—
Reformulated (Blended with Fuel Ethanol)	100	—	—	—	19	119
Refinery	—	—	—	—	19	19
Bulk Terminal	100	—	—	—	—	100
Pipeline	—	—	—	—	—	—
Reformulated (Other)	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional	8,181	21,063	18,500	4,190	4,237	56,171
Refinery	745	3,198	5,621	1,708	1,876	13,148
Bulk Terminal	3,443	11,359	6,116	1,570	2,110	24,598
Pipeline	3,993	6,506	6,763	912	251	18,425
Conventional (Blended with Fuel Ethanol)	19	176	85	62	—	342
Refinery	—	—	—	62	—	62
Bulk Terminal	19	176	85	—	—	280
Pipeline	—	—	—	—	—	—
Ed55 and Lower	19	176	85	62	—	342
Refinery	—	—	—	62	—	62
Bulk Terminal	19	176	85	—	—	280
Pipeline	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional (Other)	8,162	20,887	18,415	4,128	4,237	55,829
Refinery	745	3,198	5,621	1,646	1,876	13,086
Bulk Terminal	3,424	11,183	6,031	1,570	2,110	24,318
Pipeline	3,993	6,506	6,763	912	251	18,425

See footnotes at end of table.

Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, October 2011
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Finished Aviation Gasoline	140	176	495	18	197	1,026
Refinery	—	70	386	18	59	533
Bulk Terminal	140	106	109	—	138	493
Pipeline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	11,395	9,255	14,347	569	10,066	45,632
Refinery	853	2,051	5,612	251	4,256	13,023
Bulk Terminal	5,819	4,492	3,061	278	4,915	18,565
Pipeline	4,723	2,712	5,674	40	895	14,044
Kerosene	1,673	171	350	2	62	2,258
Refinery	74	135	164	2	26	401
Bulk Terminal	1,463	36	186	—	36	1,721
Pipeline	136	—	—	—	—	136
Distillate Fuel Oil²	58,090	26,204	43,769	2,814	11,983	142,860
Refinery	6,403	6,748	14,282	1,286	5,021	33,740
Bulk Terminal	43,215	12,346	14,330	908	5,335	76,134
Pipeline	8,472	7,110	15,157	620	1,627	32,986
15 ppm sulfur and Under	23,426	23,826	36,233	2,480	10,054	96,019
Refinery	2,383	5,365	11,311	990	3,872	23,921
Bulk Terminal	15,588	11,918	11,464	872	4,673	44,515
Pipeline	5,455	6,543	13,458	618	1,509	27,583
Greater than 15 ppm to 500 ppm sulfur	3,821	1,092	2,930	185	864	8,892
Refinery	706	295	1,230	147	444	2,822
Bulk Terminal	2,503	321	865	36	352	4,077
Pipeline	612	476	835	2	68	1,993
Greater than 500 ppm sulfur	30,843	1,286	4,606	149	1,065	37,949
Refinery	3,314	1,088	1,741	149	705	6,997
Bulk Terminal	25,124	107	2,001	—	310	27,542
Pipeline	2,405	91	864	—	50	3,410
Residual Fuel Oil⁵	12,080	1,302	18,436	195	4,791	36,804
Refinery	702	1,058	4,337	195	2,851	9,143
Bulk Terminal	11,378	244	14,099	—	1,940	27,661
Pipeline	—	—	—	—	—	—
Less than 0.31% Sulfur	1,472	133	1,445	12	191	3,253
Refinery	150	—	147	12	100	409
Bulk Terminal	1,322	133	1,298	—	91	2,844
0.31% to 1.00% Sulfur	3,947	195	2,183	22	1,108	7,455
Refinery	156	160	299	22	833	1,470
Bulk Terminal	3,791	35	1,884	—	275	5,985
Greater than 1.00% Percent Sulfur	6,661	974	14,808	161	3,492	26,096
Refinery	396	898	3,891	161	1,918	7,264
Bulk Terminal	6,265	76	10,917	—	1,574	18,832
Petrochemical Feedstocks	207	533	2,434	—	3	3,177
Refinery	207	533	2,434	—	3	3,177
Naphtha for Petrochemical Feedstock Use	207	442	1,449	—	3	2,101
Other Oils for Petrochemical Feedstock Use	—	91	985	—	—	1,076
Special Naphthas	44	104	898	—	33	1,079
Refinery	19	74	677	—	33	803
Bulk Terminal	25	30	221	—	—	276
Lubricants	993	850	6,402	—	1,024	9,269
Refinery	608	287	4,871	—	742	6,508
Bulk Terminal	385	563	1,531	—	282	2,761
Waxes	201	42	337	—	—	580
Refinery	201	42	337	—	—	580
Petroleum Coke	—	554	4,479	511	1,360	6,904
Refinery	—	554	4,479	511	1,360	6,904
Asphalt and Road Oil	3,504	7,346	3,203	1,209	1,314	16,576
Refinery	1,048	4,051	2,033	858	825	8,815
Bulk Terminal	2,456	3,295	1,170	351	489	7,761
Miscellaneous Products	30	96	348	18	64	556
Refinery	30	90	343	18	64	545
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	6	5	—	—	11
Total Stocks, All Oils	174,779	267,638	1,154,675	33,289	139,429	1,769,810

— = 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-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, October 2011
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
PAD District 1	100	4,188	4,288	12,139	23,841	35,980	1,537
Connecticut	-	-	-	864	-	864	37
Delaware	-	-	-	608	812	1,420	63
District of Columbia	-	-	-	-	-	-	-
Florida	-	502	502	-	5,016	5,016	-
Georgia	-	214	214	-	1,830	1,830	17
Maine	-	271	271	-	460	460	126
Maryland	-	-	-	910	36	946	64
Massachusetts	2	177	179	897	-	897	11
New Hampshire	-	-	-	-	-	-	50
New Jersey	90	457	547	5,480	6,957	12,437	91
New York	8	514	522	477	1,111	1,588	434
North Carolina	-	329	329	-	1,568	1,568	318
Pennsylvania	-	1,189	1,189	1,250	4,168	5,418	150
Rhode Island	-	-	-	333	-	333	-
South Carolina	-	219	219	-	843	843	124
Vermont	-	19	19	-	-	-	2
Virginia	-	247	247	1,320	877	2,197	50
West Virginia	-	50	50	-	163	163	-
PAD District 2	-	14,557	14,557	4,723	15,799	20,522	171
Illinois	-	1,464	1,464	2,397	3,138	5,535	141
Indiana	-	1,422	1,422	880	2,371	3,251	-
Iowa	-	1,173	1,173	-	15	15	-
Kansas	-	2,325	2,325	-	314	314	8
Kentucky	-	433	433	555	807	1,362	2
Michigan	-	1,135	1,135	50	1,506	1,556	-
Minnesota	-	1,218	1,218	-	1,578	1,578	-
Missouri	-	480	480	275	103	378	-
Nebraska	-	443	443	-	21	21	-
North Dakota	-	473	473	-	246	246	-
Ohio	-	1,369	1,369	61	2,684	2,745	-
Oklahoma	-	1,572	1,572	-	716	716	5
South Dakota	-	171	171	-	-	-	-
Tennessee	-	365	365	-	1,337	1,337	15
Wisconsin	-	514	514	505	963	1,468	-
PAD District 3	-	11,737	11,737	6,139	34,341	40,480	350
Alabama	-	331	331	-	990	990	20
Arkansas	-	597	597	-	472	472	-
Louisiana	-	2,134	2,134	281	9,485	9,766	136
Mississippi	-	1,006	1,006	-	1,634	1,634	-
New Mexico	-	259	259	-	467	467	-
Texas	-	7,410	7,410	5,858	21,293	27,151	194
PAD District 4	-	3,278	3,278	-	2,271	2,271	2
Colorado	-	710	710	-	426	426	-
Idaho	-	486	486	-	-	-	-
Montana	-	1,012	1,012	-	776	776	-
Utah	-	523	523	-	853	853	2
Wyoming	-	547	547	-	216	216	-
PAD District 5	19	3,986	4,005	10,335	11,655	21,990	62
Alaska	-	930	930	-	-	-	36
Arizona	-	111	111	538	294	832	-
California	19	432	451	9,594	7,201	16,795	26
Hawaii	-	7	7	-	800	800	-
Nevada	-	487	487	-	77	77	-
Oregon	-	148	148	-	1,162	1,162	-
Washington	-	1,871	1,871	203	2,121	2,324	-
U.S. Total	119	37,746	37,865	33,336	87,907	121,243	2,122

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, October 2011
(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	17,971	3,209	28,438	49,618	12,080	5,440
Connecticut	410	4	4,382	4,796	7	—
Delaware	270	82	562	914	554	36
District of Columbia	—	—	—	—	—	—
Florida	2,681	152	69	2,902	1,551	573
Georgia	1,205	—	—	1,205	427	14
Maine	772	28	1,360	2,160	252	—
Maryland	658	163	1,233	2,054	1,019	3
Massachusetts	606	48	1,716	2,370	109	—
New Hampshire	168	—	501	669	56	441
New Jersey	3,246	982	10,481	14,709	4,120	282
New York	1,973	1,037	3,246	6,256	2,640	1,838
North Carolina	983	67	50	1,100	42	14
Pennsylvania	2,743	164	2,678	5,585	612	779
Rhode Island	336	—	1,639	1,975	89	380
South Carolina	582	83	—	665	359	748
Vermont	10	—	27	37	—	—
Virginia	1,204	364	494	2,062	243	314
West Virginia	124	35	—	159	—	18
PAD District 2	17,283	616	1,195	19,094	1,302	21,313
Illinois	3,196	125	—	3,321	306	996
Indiana	2,681	—	188	2,869	101	347
Iowa	1,046	20	—	1,066	8	523
Kansas	1,457	—	241	1,698	20	12,984
Kentucky	675	33	—	708	105	453
Michigan	1,404	—	—	1,404	99	3,822
Minnesota	1,055	9	146	1,210	172	314
Missouri	572	20	—	592	—	186
Nebraska	389	—	19	408	—	356
North Dakota	317	77	—	394	46	69
Ohio	1,798	34	172	2,004	170	1,020
Oklahoma	1,053	65	361	1,479	57	174
South Dakota	107	—	—	107	—	26
Tennessee	845	75	—	920	150	6
Wisconsin	688	158	68	914	68	37
PAD District 3	22,775	2,095	3,742	28,612	18,436	21,944
Alabama	647	13	37	697	48	22
Arkansas	677	—	51	728	—	43
Louisiana	4,636	997	1,078	6,711	9,179	2,141
Mississippi	1,139	311	291	1,741	40	2,567
New Mexico	304	—	112	416	75	24
Texas	15,372	774	2,173	18,319	9,094	17,147
PAD District 4	1,862	183	149	2,194	195	162
Colorado	442	50	—	492	22	27
Idaho	113	—	—	113	—	—
Montana	750	35	—	785	89	34
Utah	282	48	149	479	36	60
Wyoming	275	50	—	325	48	41
PAD District 5	8,545	796	1,015	10,356	4,791	2,333
Alaska	800	—	265	1,065	235	4
Arizona	512	10	—	522	—	1,560
California	4,970	180	240	5,390	2,846	649
Hawaii	241	172	244	657	763	85
Nevada	290	—	5	295	—	1
Oregon	600	134	59	793	316	—
Washington	1,132	300	202	1,634	631	34
U.S. Total	68,436	6,899	34,539	109,874	36,804	51,192

— = 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, October 2011
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	0	1,568	-	495	5,306	2,901	-	690	25,902
Petroleum Products	9,258	45	0	2,595	15,428	3,202	0	95,472	25,470
Pentanes Plus	73	0	-	0	436	0	-	0	2,353
Liquified Petroleum Gases	0	0	-	1,073	9,885	41	-	2,184	6,313
Unfinished Oils	59	0	0	0	114	-	0	0	528
Motor Gasoline Blending Components	4,485	45	0	525	239	403	0	39,115	3,779
Reformulated - RBOB	0	0	0	0	185	-	0	8,181	1,065
Conventional	4,485	45	0	525	54	403	0	30,934	2,714
CBOB	4,464	0	0	475	0	403	0	30,745	1,373
GTAB	0	-	-	2	-	-	-	0	0
Other	21	45	0	48	54	-	0	189	1,341
Renewable Fuels	14	0	-	39	553	-	-	306	123
Fuel Ethanol	0	0	-	39	553	-	-	82	0
Renewable Diesel Fuel	14	0	-	0	0	-	-	224	123
Other Renewable Fuels	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	1,383	0	0	206	844	1,216	0	14,112	3,211
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	1,383	0	0	206	844	1,216	0	14,112	3,211
Conventional Blended with Fuel Ethanol	0	0	-	0	45	-	-	2,158	0
Ed55 and Lower	0	0	-	0	45	-	-	2,158	0
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	1,383	0	0	206	799	1,216	0	11,954	3,211
Finished Aviation Gasoline	0	0	-	0	0	-	-	30	16
Kerosene-Type Jet Fuel	191	0	0	57	18	745	0	14,923	2,115
Kerosene	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil	3,006	0	0	556	1,919	797	0	24,139	6,411
15 ppm sulfur and under	2,893	0	0	459	490	797	0	19,445	6,212
Greater than 15 ppm to 500 ppm sulfur	113	0	-	97	1,429	-	-	1,518	199
Greater than 500 ppm sulfur	-	0	-	0	0	-	-	3,176	-
Residual Fuel Oil	0	0	-	15	757	-	-	0	0
Petrochemical Feedstocks	47	0	-	0	154	-	-	33	0
Naphtha for Petrochemical Feedstock Use	0	0	-	0	135	-	-	33	0
Other Oils for Petrochemical Feedstock Use	47	0	-	0	19	-	-	0	0
Special Naphthas	0	0	-	-	0	-	-	-	9
Lubricants	0	0	-	0	0	-	-	520	538
Waxes	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil	0	0	-	124	507	-	-	110	73
Miscellaneous Products	0	0	-	-	2	-	-	-	1
Total	9,258	1,613	0	3,090	20,734	6,103	0	96,162	51,372

See footnotes at end of table.

Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, October 2011
(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	-	6,305	0	-	0	0	0	0
Petroleum Products	0	5,302	5,904	5,829	934	0	0	0	0
Pentanes Plus	0	-	517	795	-	0	0	0	0
Liquified Petroleum Gases	0	-	4,574	5,034	-	0	0	0	0
Unfinished Oils	-	271	0	0	0	0	0	0	-
Motor Gasoline Blending Components	0	3,710	5	0	0	0	0	0	0
Reformulated - RBOB	-	2,295	0	0	0	0	0	0	-
Conventional	0	1,415	5	0	0	0	0	0	0
CBOB	0	1,336	5	0	0	0	0	0	0
GTAB	-	-	0	-	-	0	0	-	-
Other	-	79	0	0	0	0	0	0	-
Renewable Fuels	-	-	0	0	-	0	0	0	-
Fuel Ethanol	-	-	0	0	-	0	0	0	-
Renewable Diesel Fuel	-	-	0	0	-	0	0	0	-
Other Renewable Fuels	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	0	90	500	0	766	0	0	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	0	90	500	0	766	0	0	0	0
Conventional Blended with Fuel Ethanol	-	-	0	0	-	0	0	0	-
Ed55 and Lower	-	-	0	0	-	0	0	0	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	0	90	500	0	766	0	0	0	0
Finished Aviation Gasoline	-	-	0	0	-	0	0	0	-
Kerosene-Type Jet Fuel	0	224	0	0	0	0	0	0	0
Kerosene	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil	0	1,007	308	0	168	0	0	0	0
15 ppm sulfur and under	0	1,007	308	0	168	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	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	-	-	0	0	-	0	0	0	-
Waxes	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	0	0	-	0	0	0	-
Miscellaneous Products	-	-	0	0	-	-	0	0	-
Total	0	5,302	12,209	5,829	934	0	0	0	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, October 2011
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	0	547	184	3,666	2,901	690	25,902	0	-
Petroleum Products	9,131	0	1,678	11,619	3,202	78,692	23,754	0	4,952
Pentanes Plus	73	0	0	436	0	0	2,353	0	-
Liquified Petroleum Gases	0	0	1,073	9,885	41	2,162	6,313	0	-
Motor Gasoline Blending Components	4,464	0	142	185	403	32,811	3,625	0	3,631
Reformulated - RBOB	0	0	0	185	-	8,181	1,065	-	2,295
Conventional	4,464	0	142	0	403	24,630	2,560	0	1,336
CBOB	4,464	0	140	0	403	24,563	1,373	0	1,336
GTAB	0	-	2	-	-	0	0	-	-
Other	0	0	0	0	-	67	1,187	-	-
Renewable Fuels	14	0	0	0	-	224	0	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	14	0	0	0	-	224	0	-	-
Other Renewable Fuels	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	1,383	0	184	605	1,216	9,157	3,101	0	90
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	1,383	0	184	605	1,216	9,157	3,101	0	90
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	1,383	0	184	605	1,216	9,157	3,101	0	90
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	191	0	57	18	745	12,854	2,115	0	224
Kerosene	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil	3,006	0	222	490	797	21,484	6,247	0	1,007
15 ppm sulfur and under	2,893	0	125	490	797	16,846	6,048	0	1,007
Greater than 15 ppm to 500 ppm sulfur	113	0	97	0	-	1,462	199	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	3,176	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	9,131	547	1,862	15,285	6,103	79,382	49,656	0	4,952

See footnotes at end of table.

Table 58. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, October 2011
(Thousand Barrels) — Continued

Commodity	From 4 to			From 5 to	
	2	3	5	3	4
Crude Oil	6,305	0	-	0	0
Petroleum Products	5,904	5,829	934	0	0
Pentanes Plus	517	795	-	0	0
Liquified Petroleum Gases	4,574	5,034	-	0	0
Motor Gasoline Blending Components	5	0	0	0	0
Reformulated - RBOB	0	0	0	0	-
Conventional	5	0	0	0	0
CBOB	5	0	0	0	0
GTAB	0	-	-	-	-
Other	0	0	-	0	-
Renewable Fuels	0	0	-	0	-
Fuel Ethanol	-	-	-	-	-
Renewable Diesel Fuel	0	0	-	0	-
Other Renewable Fuels	-	-	-	-	-
Finished Motor Gasoline	500	0	766	0	0
Reformulated	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-
Reformulated Other	-	-	-	-	-
Conventional	500	0	766	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-
Greater than Ed55	-	-	-	-	-
Conventional Other	500	0	766	0	0
Finished Aviation Gasoline	-	-	-	-	-
Kerosene-Type Jet Fuel	0	0	0	0	0
Kerosene	-	-	-	-	-
Distillate Fuel Oil	308	0	168	0	0
15 ppm sulfur and under	308	0	168	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	12,209	5,829	934	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, October 2011
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
Crude Oil	0	1,021	-	311	1,640	-
Petroleum Products	127	45	0	917	3,809	0
Liquified Petroleum Gases	-	0	-	0	0	-
Unfinished Oils	59	0	0	0	114	0
Motor Gasoline Blending Components	21	45	0	383	54	0
Reformulated - RBOB	-	-	-	-	-	-
Conventional	21	45	0	383	54	0
CBOB	0	0	-	335	0	-
GTAB	-	-	-	-	-	-
Other	21	45	0	48	54	0
Renewable Fuels	0	0	-	39	553	-
Fuel Ethanol	0	0	-	39	553	-
Renewable Diesel Fuel	0	0	-	-	0	-
Other Renewable Fuels	-	-	-	-	-	-
Finished Motor Gasoline	0	0	-	22	239	-
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	0	-	22	239	-
Conventional Blended with Fuel Ethanol	0	0	-	0	45	-
Ed55 and Lower	0	0	-	0	45	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	0	-	22	194	-
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	-	0	-	0	0	-
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	0	-	334	1,429	-
15 ppm sulfur and under	0	0	-	334	0	-
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	1,429	-
Greater than 500 ppm sulfur	-	-	-	-	-	-
Residual Fuel Oil	0	0	-	15	757	-
Less than 0.31 percent sulfur	-	-	-	-	-	-
0.31 to 1.00 percent sulfur	-	-	-	-	-	-
Greater than 1.00 percent sulfur	0	0	-	15	757	-
Petrochemical Feedstocks	47	0	-	0	154	-
Naphtha for Petrochemical Feedstock Use	0	0	-	0	135	-
Other Oils for Petrochemical Feedstock Use	47	0	-	0	19	-
Special Naphthas	0	0	-	-	0	-
Lubricants	0	0	-	0	0	-
Waxes	-	-	-	-	-	-
Asphalt and Road Oil	0	0	-	124	507	-
Miscellaneous Products	0	0	-	-	2	-
Total	127	1,066	0	1,228	5,449	0

See footnotes at end of table.

Table 59. Movements of Crude Oil and Petroleum Products by Tanker, and Barge Between PAD Districts, October 2011
(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	16,780	—	374	16,406	1,716	350	0	0	0
Liquified Petroleum Gases	22	—	—	22	—	—	0	—	0
Unfinished Oils	0	—	—	—	528	271	0	0	0
Motor Gasoline Blending Components	6,304	—	—	6,304	154	79	0	0	0
Reformulated - RBOB	—	—	—	—	—	—	—	—	—
Conventional	6,304	—	—	6,304	154	79	0	0	0
CBOB	6,182	—	—	6,182	0	—	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	122	—	—	122	154	79	0	0	0
Renewable Fuels	82	—	—	82	123	—	0	0	0
Fuel Ethanol	82	—	—	82	0	—	0	0	0
Renewable Diesel Fuel	—	—	—	—	123	—	—	0	0
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	4,955	—	—	4,955	110	—	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	4,955	—	—	4,955	110	—	0	0	0
Conventional Blended with Fuel Ethanol	2,158	—	—	2,158	0	—	0	0	0
Ed55 and Lower	2,158	—	—	2,158	0	—	0	0	0
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	2,797	—	—	2,797	110	—	0	0	0
Finished Aviation Gasoline	30	—	—	30	16	—	0	0	0
Kerosene-Type Jet Fuel	2,069	—	—	2,069	—	—	0	—	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	2,655	—	—	2,655	164	—	0	0	0
15 ppm sulfur and under	2,599	—	—	2,599	164	—	0	0	0
Greater than 15 ppm to 500 ppm sulfur	56	—	—	56	0	—	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	33	—	—	33	0	—	0	0	0
Naphtha for Petrochemical Feedstock Use	33	—	—	33	0	—	0	0	0
Other Oils for Petrochemical Feedstock Use	0	—	—	—	0	—	0	0	0
Special Naphthas	—	—	—	—	9	—	—	0	0
Lubricants	520	—	374	146	538	—	0	0	0
Waxes	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	110	—	—	110	73	—	0	0	0
Miscellaneous Products	—	—	—	—	1	—	—	0	0
Total	16,780	—	374	16,406	1,716	350	0	0	0

— = 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, October 2011
(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	1,185	1,568	-383	32,207	8,702	23,505	6,874	26,592	-19,718
Petroleum Products	98,067	9,303	98,490	40,632	21,225	1,469	21,302	126,244	-100,783
Pentanes Plus	0	73	-73	2,943	436	2,507	1,231	2,353	-1,122
Liquified Petroleum Gases	3,257	0	3,257	10,887	10,999	-112	14,919	8,497	6,422
Ethane/Ethylene	0	0	-	3,833	6,733	-2,900	9,927	1,163	8,764
Propane/Propylene	3,257	0	3,257	5,308	3,452	1,856	3,482	6,319	-2,837
Normal Butane/Butylene	0	0	-	1,004	551	453	915	585	330
Isobutane/Isobutylene	0	0	-	742	263	479	595	430	165
Unfinished Oils	0	59	-59	587	114	473	114	799	-685
Motor Gasoline Blending Components	39,640	4,530	35,110	8,269	1,167	7,102	284	46,604	-46,320
Reformulated - RBOB	8,181	0	8,181	1,065	185	880	185	11,541	-11,356
Conventional	31,459	4,530	26,929	7,204	982	6,222	99	35,063	-34,964
CBOB	31,220	4,464	26,756	5,842	878	4,964	0	33,454	-33,454
GTAB	2	0	2	0	2	-2	0	0	-
Other	237	66	171	1,362	102	1,260	99	1,609	-1,510
Renewable Fuels	345	14	10,057	137	592	-18,393	553	429	4,283
Fuel Ethanol	121	0	9,847	0	592	-18,530	553	82	4,630
Renewable Diesel Fuel	224	14	210	137	0	137	0	347	-347
Other Renewable Fuels	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	14,318	1,383	12,935	5,094	2,266	2,828	844	17,413	-16,569
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	0	0	-	0	0	-	0	0	-
Conventional	14,318	1,383	12,935	5,094	2,266	2,828	844	17,413	-16,569
Conventional Blended with Fuel Ethanol	2,158	0	2,158	0	45	-45	45	2,158	-2,113
Ed55 and Lower	2,158	0	2,158	0	45	-45	45	2,158	-2,113
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	12,160	1,383	10,777	5,094	2,221	2,873	799	15,255	-14,456
Finished Aviation Gasoline	30	0	30	16	0	16	0	46	-46
Kerosene-Type Jet Fuel	14,980	191	14,789	2,306	820	1,486	18	17,262	-17,244
Kerosene	0	0	-	0	0	-	0	0	-
Distillate Fuel Oil	24,695	3,006	21,689	9,725	3,272	6,453	1,919	31,557	-29,638
15 ppm sulfur and under	19,904	2,893	17,011	9,413	1,746	7,667	490	26,664	-26,174
Greater than 15 ppm to 500 ppm sulfur	1,615	113	1,502	312	1,526	-1,214	1,429	1,717	-288
Greater than 500 ppm sulfur	3,176	0	3,176	0	0	-	0	3,176	-3,176
Residual Fuel Oil	15	0	15	0	772	-772	757	0	757
Petrochemical Feedstocks	33	47	-14	47	154	-107	154	33	121
Naphtha for Petrochemical Feedstock Use	33	0	33	0	135	-135	135	33	102
Other Oils for Petrochemical Feedstock Use	0	47	-47	47	19	28	19	0	19
Special Naphthas	0	0	-	9	0	9	0	9	-9
Lubricants	520	0	520	538	0	538	0	1,058	-1,058
Waxes	0	0	-	0	0	-	0	0	-
Asphalt and Road Oil	234	0	234	73	631	-558	507	183	324
Miscellaneous Products	0	0	-	1	2	-1	2	1	1
Total	99,252	10,871	98,107	72,839	29,927	24,974	28,176	152,836	-120,501

See footnotes at end of table.

Table 60. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, October 2011
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	2,901	6,305	-3,404	0	0	-
Petroleum Products	3,202	12,667	-9,230	6,236	0	10,054
Pentanes Plus	0	1,312	-1,312	0	0	-
Liquified Petroleum Gases	41	9,608	-9,567	0	0	-
Ethane/Ethylene	0	5,864	-5,864	0	0	-
Propane/Propylene	38	2,314	-2,276	0	0	-
Normal Butane/Butylene	3	786	-783	0	0	-
Isobutane/Isobutylene	0	644	-644	0	0	-
Unfinished Oils	0	0	-	271	0	271
Motor Gasoline Blending Components	403	5	398	3,710	0	3,710
Reformulated - RBOB	0	0	-	2,295	0	2,295
Conventional	403	5	398	1,415	0	1,415
CBOB	403	5	398	1,336	0	1,336
GTAB	0	0	-	0	0	-
Other	0	0	-	79	0	79
Renewable Fuels	0	0	235	0	0	3,818
Fuel Ethanol	0	0	235	0	0	3,818
Renewable Diesel Fuel	0	0	-	0	0	-
Other Renewable Fuels	-	-	-	-	-	-
Finished Motor Gasoline	1,216	1,266	-50	856	0	856
Reformulated	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-
Reformulated Other	0	0	-	0	0	-
Conventional	1,216	1,266	-50	856	0	856
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	1,216	1,266	-50	856	0	856
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	745	0	745	224	0	224
Kerosene	0	0	-	0	0	-
Distillate Fuel Oil	797	476	321	1,175	0	1,175
15 ppm sulfur and under	797	476	321	1,175	0	1,175
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	-	0	0	-
Waxes	0	0	-	0	0	-
Asphalt and Road Oil	0	0	-	0	0	-
Miscellaneous Products	0	0	-	0	0	-
Total	6,103	18,972	-12,634	6,236	0	10,054

- = 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.

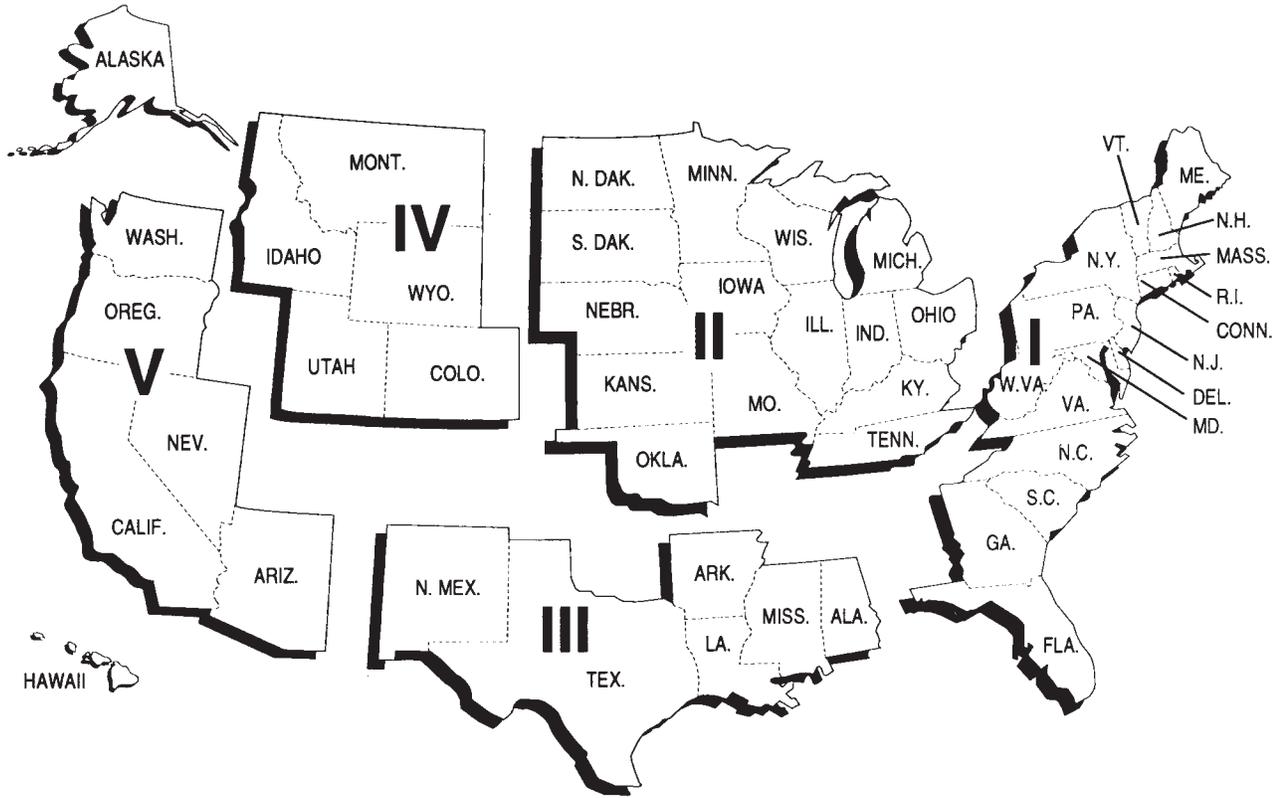
PAD District IV

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

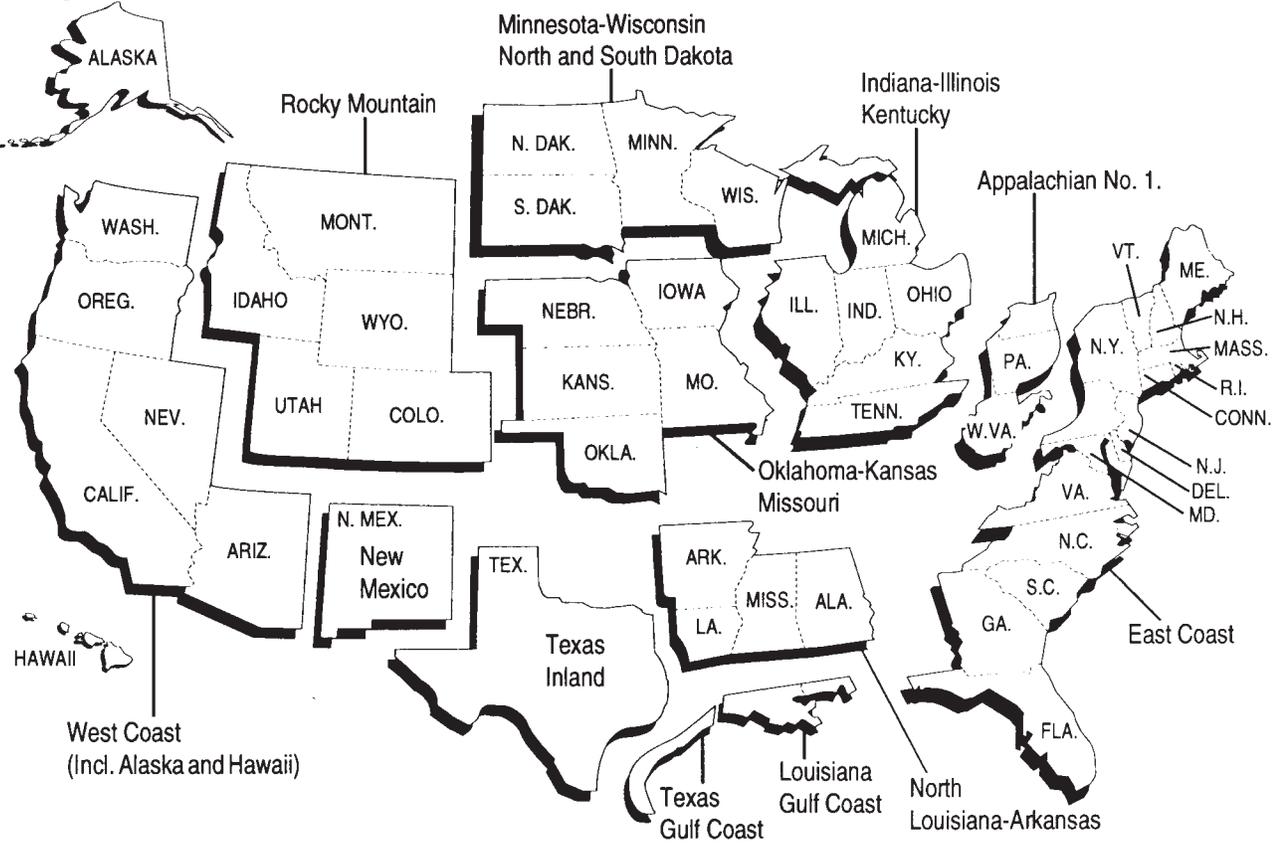
PAD District V

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

Petroleum Administration for Defense (PAD) Districts



Refining Districts



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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, 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 - Total Renewable Fuels and Oxygenate Plant Net Production is reported on Form EIA-819. It is the sum of the production from plants producing 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. 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 Table60.

Data for inter-PAD District movements of fuel ethanol and oxygenates by railroad tank car are not currently available. Net Receipts are therefore “implied” for fuel ethanol and oxygenates. 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, 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 (i.e., catalytic cracking units, cokers).

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 eight 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 eight 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 eight 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-810, “Monthly Refinery Report,”
9. EIA-812, “Monthly Product Pipeline Report,”
10. EIA-813, “Monthly Crude Oil Report,”
11. EIA-814, “Monthly Imports Report,”
12. EIA-815, “Monthly Terminal Blender Report,”
13. EIA-816, “Monthly Natural Gas Liquids Report,”
14. EIA-817, “Monthly Tanker and Barge Movement Report,”
15. EIA-819, “Monthly Oxygenate Report,”
16. 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 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-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-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 eight 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-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

In order to present timelier crude oil production estimates, the EIA prepares a weekly crude oil production estimate that is published in the Weekly Petroleum Status Report (WPSR). At the end of the production month, weekly crude oil production estimates are aggregated into an original estimate of monthly crude oil production. The original monthly estimate of crude oil production for the U.S. and the State of Alaska is published in Table 3.1 of the Monthly Energy Review (*MER*).

A month later, the original estimate is replaced by an interim estimate of U.S., PAD District, and Alaskan crude oil production for the current reference month which is published in Tables 1 through 25 of the *PSM*. The interim estimates for the current reference month are based on:

- (a.) crude oil production data reported to the EIA by State government conservation agencies;
- (b.) first purchase data reported on Form EIA-182, "Domestic Crude Oil First Purchase Report;" All States except Michigan, New York, Ohio, and Pennsylvania report production on a monthly basis. These four States report crude oil production on an annual basis. Estimates of monthly crude oil production for these four States are made by the EIA using data reported on Form EIA-182;
- (c.) exponential or hyperbolic curve fitted projections based on recent State data; or
- (d.) constant level projections based on the average production rate during a recent time period.

There is a time lag of approximately 4 months between the end of the production month and the time when most monthly State crude oil production data become available. State-level production estimates are published in Table 26, "Production of Crude Oil by PAD District and State." The State level estimates in Table 26 are two month's behind the U.S. and PAD District level estimates in Tables 1-25.

Table 26 contains an adjustment row for each PAD District to reconcile the national and PAD District level totals created by summing the State estimates in Table 26 with the national and PAD District estimates previously published in Tables 1-25. Data on crude oil production for Federal offshore areas are reported to the EIA by the Minerals Management Service of the U.S. Department of the Interior and the California Department of Conservation and are also shown in Table 26.

After the end of each calendar year, the monthly crude oil production estimates are updated using annual reports from various State agencies, the Minerals Management Service, and the California Department of Conservation. Revised data at the State, PAD District, and national levels are published without adjustments in the *PSA*. Updates received after the *PSA* is released are published in Appendix D "Revised Crude Oil Production" in Volume 1 of the following year's *PSA*.

The table below illustrates when and where crude oil production data are available. For example, crude oil production data for the month of June is first available in the following publication:

<u>Publication containing June Data:</u>	<u>Geographic Level</u>
June WPSR (weekly data)	U.S., Alaska
July MER	U.S., Alaska
August PSM	Revised U.S., PAD District, Alaska
October PSM	Alaska with North Slope and South breakouts, State-level for selected States, State and Federal Offshore

(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.

- 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). Renewable fuels except fuel ethanol adjustment quantities at the U.S. and PAD District levels are 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 is unavailable and is excluded from Renewable Fuels and Oxygenate Plant Net Production. Therefore the calculation of adjustments to Renewable Fuels except Fuel Ethanol causes production to be included in the adjustment. Similarly, the calculation causes 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.

(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.”

(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 disseminate revised monthly PSRS data during the year only if the revision is expected to substantively affect understanding of the U.S. petroleum supply. The decision to disseminate a revision during the year will be based on EIA's judgment of the revision's expected effect. At the end of year, the monthly data are revised to reflect all resubmitted data received during the year. The official final monthly petroleum supply data are included in the *PSA*. When EIA disseminates any revised PSRS data, it will alert users to the affected data value(s) that were revised. Updates to crude oil production data received after the *PSA* is released are published in Appendix D "Revised Crude Oil Production" of Volume 1 of the following year's *PSA*.

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

(Thousand Barrels)

Terminal Operator	Location	Week Ending December 16, 2011
Hess Corp.	Groton, CT	400 *
Global Companies LLC	Revere, MA	250 *

* By December 2011, DOE will complete the conversion of the NEHHOR from high sulfur heating oil to ultra-low sulfur distillate (15 parts per million). Two companies were awarded with contracts for storage of 500 thousand barrels each. These shipments to refill the reserve will be complete by December 2011.

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

turbo-prop aircraft engines.

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

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

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

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

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

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

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

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

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

Methanol (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.