



U.S. Energy Information
Administration

Petroleum Supply Monthly

with data for January 2018

March 2018



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Preface

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

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

Scope of data

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

Sections

- U.S. supply and disposition of crude oil, petroleum products, and biofuels
- Regional supply and disposition of crude oil, petroleum products, and biofuels
- Crude oil supply and disposition and production by state
- Natural Gas Processing
- Refinery Operations
- Imports of residual fuel oil by state of entry
- Imports by PADD
- Imports by country of origin
- Exports
- Net imports
- Stocks
- Movements of crude oil, petroleum products, and biofuels

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Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January 2018
(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	308,877	--	--	248,384	-917	180	514,576	41,587	0	1,084,136
Hydrocarbon Gas Liquids	118,564	-651	12,226	8,063	--	-34,183	19,508	45,911	106,966	156,721
Natural Gas Liquids	118,564	-651	2,854	7,400	--	-33,891	19,508	45,911	96,639	150,933
Ethane	46,464	--	139	--	--	-4,258	--	6,608	44,253	51,361
Propane	38,432	--	9,161	6,559	--	-16,675	--	27,711	43,116	45,672
Normal Butane	9,457	--	-5,801	520	--	-11,870	8,853	5,702	1,491	26,451
Isobutane	11,166	--	-645	317	--	79	5,862	52	4,845	8,472
Natural Gasoline	13,045	-651	--	4	--	-1,167	4,793	5,838	2,934	18,977
Refinery Olefins	--	--	9,372	663	--	-292	--	--	10,327	5,788
Ethylene	--	--	5	--	--	0	--	--	5	0
Propylene	--	--	9,431	473	--	125	--	--	9,779	4,967
Butylene	--	--	-65	190	--	-404	--	--	529	804
Isobutylene	--	--	1	--	--	-13	--	--	14	17
Other Liquids	--	37,821	--	36,611	-4,277	15,358	37,393	14,384	3,020	343,813
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	37,825	--	911	1,840	1,396	34,476	4,704	0	31,468
Hydrogen	--	--	--	--	6,548	--	6,548	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	2,452	--	155	-3	106	--	2,498	0	1,552
Renewable Fuels (including Fuel Ethanol) ...	--	35,373	--	752	-4,742	1,281	27,896	2,205	0	29,860
Fuel Ethanol ⁵	--	32,428	--	752	-2,710	1,181	26,433	2,104	0	24,229
Renewable Fuels Except Fuel Ethanol	--	2,945	--	752	-2,032	100	1,463	102	0	5,631
Other Hydrocarbons	--	--	--	4	37	9	32	--	0	56
Unfinished Oils	--	--	--	20,694	--	3,358	6,446	7,870	3,020	89,618
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	-4	--	15,006	-6,117	10,610	-3,535	1,810	0	222,718
Reformulated	--	--	--	5,662	7,854	1,330	12,175	11	0	54,785
Conventional	--	-4	--	9,344	-13,971	9,280	-15,710	1,799	0	167,933
Aviation Gasoline Blend. Comp.	--	--	--	--	--	-6	6	--	0	9
Finished Petroleum Products	--	151	594,074	25,435	10,962	3,135	--	103,171	524,315	294,772
Finished Motor Gasoline	--	151	295,091	580	8,828	589	--	33,057	271,004	25,230
Reformulated	--	--	95,448	--	-6,887	8	--	--	88,553	48
Conventional	--	151	199,643	580	15,715	581	--	33,057	182,451	25,182
Finished Aviation Gasoline	--	--	181	5	--	-109	--	--	295	932
Kerosene-Type Jet Fuel	--	--	52,379	4,070	--	1,488	--	5,801	49,160	42,706
Kerosene	--	--	599	354	--	-419	--	136	1,236	1,719
Distillate Fuel Oil ⁵	--	--	155,307	9,002	2,134	-4,445	--	34,678	136,210	141,129
15 ppm sulfur and under	--	--	142,822	7,153	2,134	-5,982	--	28,794	129,297	121,909
Greater than 15 ppm to 500 ppm sulfur	--	--	3,933	306	--	-443	--	3,657	1,025	7,126
Greater than 500 ppm sulfur	--	--	8,552	1,543	--	1,980	--	2,227	5,888	12,094
Residual Fuel Oil ⁶	--	--	14,479	7,259	--	3,004	--	8,187	10,547	32,363
Less than 0.31 percent sulfur	--	--	1,851	1,166	--	-326	--	NA	NA	1,822
0.31 to 1.00 percent sulfur	--	--	2,116	713	--	-705	--	NA	NA	5,896
Greater than 1.00 percent sulfur	--	--	10,512	5,380	--	4,033	--	NA	NA	24,637
Petrochemical Feedstocks	--	--	8,824	531	--	127	--	--	9,228	3,028
Naphtha for Petro. Feed. Use	--	--	6,369	435	--	237	--	--	6,567	2,086
Other Oils for Petro. Feed. Use	--	--	2,455	96	--	-110	--	--	2,661	942
Special Naphthas	--	--	1,124	670	--	5	--	--	1,789	1,197
Lubricants	--	--	5,638	1,292	--	-259	--	3,939	3,250	11,762
Waxes	--	--	116	171	--	-22	--	106	203	835
Petroleum Coke	--	--	27,460	583	--	282	--	16,632	11,129	8,801
Marketable	--	--	20,258	583	--	282	--	16,632	3,927	8,801
Catalyst	--	--	7,202	--	--	--	--	--	7,202	--
Asphalt and Road Oil	--	--	8,895	899	--	2,926	--	545	6,323	24,432
Still Gas	--	--	21,150	--	--	--	--	--	21,150	--
Miscellaneous Products	--	--	2,831	19	--	-32	--	91	2,791	638
Total	427,441	37,321	606,300	318,493	5,767	-15,510	571,477	205,053	634,301	1,879,442

-- = 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. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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 Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 2. U.S. Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-January 2018
(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	308,877	--	--	248,384	-917	180	514,576	41,587	0	1,084,136
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Natural Gas Liquids	118,564	-651	2,854	7,400	--	-33,891	19,508	45,911	96,639	150,933
Ethane	46,464	--	139	--	--	-4,258	--	6,608	44,253	51,361
Propane	38,432	--	9,161	6,559	--	-16,675	--	27,711	43,116	45,672
Normal Butane	9,457	--	-5,801	520	--	-11,870	8,853	5,702	1,491	26,451
Isobutane	11,166	--	-645	317	--	79	5,862	52	4,845	8,472
Natural Gasoline	13,045	-651	--	4	--	-1,167	4,793	5,838	2,934	18,977
Refinery Olefins	--	--	9,372	663	--	-292	--	--	10,327	5,788
Ethylene	--	--	5	--	--	0	--	--	5	0
Propylene	--	--	9,431	473	--	125	--	--	9,779	4,967
Butylene	--	--	-65	190	--	-404	--	--	529	804
Isobutylene	--	--	1	--	--	-13	--	--	14	17
Other Liquids	--	37,821	--	36,611	-4,277	15,358	37,393	14,384	3,020	343,813
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	37,825	--	911	1,840	1,396	34,476	4,704	0	31,468
Hydrogen	--	--	--	--	6,548	--	6,548	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	2,452	--	155	-3	106	--	2,498	0	1,552
Renewable Fuels (including Fuel Ethanol) ...	--	35,373	--	752	-4,742	1,281	27,896	2,205	0	29,860
Fuel Ethanol ⁵	--	32,428	--	--	-2,710	1,181	26,433	2,104	0	24,229
Renewable Fuels Except Fuel Ethanol	--	2,945	--	752	-2,032	100	1,463	102	0	5,631
Other Hydrocarbons	--	--	--	4	37	9	32	--	0	56
Unfinished Oils	--	--	--	20,694	--	3,358	6,446	7,870	3,020	89,618
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	-4	--	15,006	-6,117	10,610	-3,535	1,810	0	222,718
Reformulated	--	--	--	5,662	7,854	1,330	12,175	11	0	54,785
Conventional	--	-4	--	9,344	-13,971	9,280	-15,710	1,799	0	167,933
Aviation Gasoline Blend. Comp.	--	--	--	--	--	-6	6	--	0	9
Finished Petroleum Products	--	151	594,074	25,435	10,962	3,135	--	103,171	524,315	294,772
Finished Motor Gasoline	--	151	295,091	580	8,828	589	--	33,057	271,004	25,230
Reformulated	--	--	95,448	--	-6,887	8	--	--	88,553	48
Conventional	--	151	199,643	580	15,715	581	--	33,057	182,451	25,182
Finished Aviation Gasoline	--	--	181	5	--	-109	--	--	295	932
Kerosene-Type Jet Fuel	--	--	52,379	4,070	--	1,488	--	5,801	49,160	42,706
Kerosene	--	--	599	354	--	-419	--	136	1,236	1,719
Distillate Fuel Oil ⁵	--	--	155,307	9,002	2,134	-4,445	--	34,678	136,210	141,129
15 ppm sulfur and under	--	--	142,822	7,153	2,134	-5,982	--	28,794	129,297	121,909
Greater than 15 ppm to 500 ppm sulfur	--	--	3,933	306	--	-443	--	3,657	1,025	7,126
Greater than 500 ppm sulfur	--	--	8,552	1,543	--	1,980	--	2,227	5,888	12,094
Residual Fuel Oil ⁶	--	--	14,479	7,259	--	3,004	--	8,187	10,547	32,363
Less than 0.31 percent sulfur	--	--	1,851	1,166	--	-326	--	NA	NA	1,822
0.31 to 1.00 percent sulfur	--	--	2,116	713	--	-705	--	NA	NA	5,896
Greater than 1.00 percent sulfur	--	--	10,512	5,380	--	4,033	--	NA	NA	24,637
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Other Oils for Petro. Feed. Use	--	--	2,455	96	--	-110	--	--	2,661	942
Special Naphthas	--	--	1,124	670	--	5	--	--	1,789	1,197
Lubricants	--	--	5,638	1,292	--	-259	--	3,939	3,250	11,762
Waxes	--	--	116	171	--	-22	--	106	203	835
Petroleum Coke	--	--	27,460	583	--	282	--	16,632	11,129	8,801
Marketable	--	--	20,258	583	--	282	--	16,632	3,927	8,801
Catalyst	--	--	7,202	--	--	--	--	--	7,202	--
Asphalt and Road Oil	--	--	8,895	899	--	2,926	--	545	6,323	24,432
Still Gas	--	--	21,150	--	--	--	--	--	21,150	--
Miscellaneous Products	--	--	2,831	19	--	-32	--	91	2,791	638
Total	427,441	37,321	606,300	318,493	5,767	-15,510	571,477	205,053	634,301	1,879,442

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

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks.

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

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 3. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January 2018
(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	9,964	--	--	8,012	-30	6	16,599	1,342	0	
Hydrocarbon Gas Liquids	3,825	-21	394	260	--	-1,103	629	1,481	3,451	
Natural Gas Liquids	3,825	-21	92	239	--	-1,093	629	1,481	3,117	
Ethane	1,499	--	4	--	--	-137	--	213	1,428	
Propane	1,240	--	296	212	--	-538	--	894	1,391	
Normal Butane	305	--	-187	17	--	-383	286	184	48	
Isobutane	360	--	-21	10	--	3	189	2	156	
Natural Gasoline	421	-21	--	0	--	-38	155	188	95	
Refinery Olefins	--	--	302	21	--	-9	--	--	333	
Ethylene	--	--	0	--	--	0	--	--	0	
Propylene	--	--	304	15	--	4	--	--	315	
Butylene	--	--	-2	6	--	-13	--	--	17	
Isobutylene	--	--	0	--	--	0	--	--	0	
Other Liquids	--	1,220	--	1,181	-138	495	1,206	464	97	
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	1,220	--	29	59	45	1,112	152	0	
Hydrogen	--	--	--	--	211	--	211	--	0	
Oxygenates (excluding Fuel Ethanol)	--	79	--	5	0	3	--	81	0	
Renewable Fuels (including Fuel Ethanol)	--	1,141	--	24	-153	41	900	71	0	
Fuel Ethanol ⁵	--	1,046	--	--	-87	38	853	68	0	
Renewable Fuels Except Fuel Ethanol	--	95	--	24	-66	3	47	3	0	
Other Hydrocarbons	--	--	--	0	1	0	1	--	0	
Unfinished Oils	--	--	--	668	--	108	208	254	97	
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	0	--	484	-197	342	-114	58	0	
Reformulated	--	--	--	183	253	43	393	0	0	
Conventional	--	0	--	301	-451	299	-507	58	0	
Aviation Gasoline Blend. Comp.	--	--	--	--	--	0	0	--	0	
Finished Petroleum Products	--	5	19,164	820	354	101	--	3,328	16,913	
Finished Motor Gasoline	--	5	9,519	19	285	19	--	1,066	8,742	
Reformulated	--	--	3,079	--	-222	0	--	--	2,857	
Conventional	--	5	6,440	19	507	19	--	1,066	5,886	
Finished Aviation Gasoline	--	--	6	0	--	-4	--	--	10	
Kerosene-Type Jet Fuel	--	--	1,690	131	--	48	--	187	1,586	
Kerosene	--	--	19	11	--	-14	--	4	40	
Distillate Fuel Oil ⁵	--	--	5,010	290	69	-143	--	1,119	4,394	
15 ppm sulfur and under	--	--	4,607	231	69	-193	--	929	4,171	
Greater than 15 ppm to 500 ppm sulfur	--	--	127	10	--	-14	--	118	33	
Greater than 500 ppm sulfur	--	--	276	50	--	64	--	72	190	
Residual Fuel Oil ⁶	--	--	467	234	--	97	--	264	340	
Less than 0.31 percent sulfur	--	--	60	38	--	-11	--	NA	NA	
0.31 to 1.00 percent sulfur	--	--	68	23	--	-23	--	NA	NA	
Greater than 1.00 percent sulfur	--	--	339	174	--	130	--	NA	NA	
Petrochemical Feedstocks	--	--	285	17	--	4	--	--	298	
Naphtha for Petro. Feed. Use	--	--	205	14	--	8	--	--	212	
Other Oils for Petro. Feed. Use	--	--	79	3	--	-4	--	--	86	
Special Naphthas	--	--	36	22	--	0	--	--	58	
Lubricants	--	--	182	42	--	-8	--	127	105	
Waxes	--	--	4	6	--	-1	--	3	7	
Petroleum Coke	--	--	886	19	--	9	--	537	359	
Marketable	--	--	653	19	--	9	--	537	127	
Catalyst	--	--	232	--	--	--	--	--	232	
Asphalt and Road Oil	--	--	287	29	--	94	--	18	204	
Still Gas	--	--	682	--	--	--	--	--	682	
Miscellaneous Products	--	--	91	1	--	-1	--	3	90	
Total	13,788	1,204	19,558	10,274	186	-500	18,435	6,615	20,461	

-- = 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. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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 Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 13 for the breakout of Commercial Crude Oil.

Table 4. U.S. Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-January 2018
(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	9,964	--	--	8,012	-30	6	16,599	1,342	0
Hydrocarbon Gas Liquids	3,825	-21	394	260	--	-1,103	629	1,481	3,451
Natural Gas Liquids	3,825	-21	92	239	--	-1,093	629	1,481	3,117
Ethane	1,499	--	--	--	--	-137	--	213	1,428
Propane	1,240	--	296	212	--	-538	--	894	1,391
Normal Butane	305	--	-187	17	--	-383	286	184	48
Isobutane	360	--	-44	10	--	3	189	2	156
Natural Gasoline	421	-21	--	0	--	-38	155	188	95
Refinery Olefins	--	--	302	21	--	-9	--	--	333
Ethylene	--	--	0	--	--	0	--	--	0
Propylene	--	--	304	15	--	4	--	--	315
Butylene	--	--	-2	6	--	-13	--	--	17
Isobutylene	--	--	35	--	--	0	--	--	0
Other Liquids	--	1,220	--	1,181	-138	495	1,206	464	97
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	1,220	--	29	59	45	1,112	152	0
Hydrogen	--	--	--	--	211	--	211	--	0
Oxygenates (excluding Fuel Ethanol)	--	79	--	5	0	3	--	81	0
Renewable Fuels (including Fuel Ethanol)	--	1,141	--	24	-153	41	900	71	0
Fuel Ethanol ⁵	--	1,046	--	--	-87	38	853	68	0
Renewable Fuels Except Fuel Ethanol	--	95	--	24	-66	3	47	3	0
Other Hydrocarbons	--	--	--	0	1	0	1	--	0
Unfinished Oils	--	--	--	668	--	108	208	254	97
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	0	--	484	-197	342	-114	58	0
Reformulated	--	--	--	183	253	43	393	0	0
Conventional	--	0	--	301	-451	299	-507	58	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	5	19,164	820	354	101	--	3,328	16,913
Finished Motor Gasoline	--	5	9,519	19	285	19	--	1,066	8,742
Reformulated	--	--	3,079	--	-222	0	--	--	2,857
Conventional	--	5	6,440	19	507	19	--	1,066	5,886
Finished Aviation Gasoline	--	--	6	0	--	-4	--	--	10
Kerosene-Type Jet Fuel	--	--	1,690	131	--	48	--	187	1,586
Kerosene	--	--	19	11	--	-14	--	4	40
Distillate Fuel Oil ⁵	--	--	5,010	290	69	-143	--	1,119	4,394
15 ppm sulfur and under	--	--	4,607	231	69	-193	--	929	4,171
Greater than 15 ppm to 500 ppm sulfur	--	--	127	10	--	-14	--	118	33
Greater than 500 ppm sulfur	--	--	276	50	--	64	--	72	190
Residual Fuel Oil ⁶	--	--	467	234	--	97	--	264	340
Less than 0.31 percent sulfur	--	--	60	38	--	-11	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	68	23	--	-23	--	NA	NA
Greater than 1.00 percent sulfur	--	--	339	174	--	130	--	NA	NA
Petrochemical Feedstocks	--	--	285	17	--	4	--	--	298
Naphtha for Petro. Feed. Use	--	--	205	14	--	8	--	--	212
Other Oils for Petro. Feed. Use	--	--	79	3	--	-4	--	--	86
Special Naphthas	--	--	36	22	--	0	--	--	58
Lubricants	--	--	182	42	--	-8	--	127	105
Waxes	--	--	4	6	--	-1	--	3	7
Petroleum Coke	--	--	886	19	--	9	--	537	359
Marketable	--	--	653	19	--	9	--	537	127
Catalyst	--	--	232	--	--	--	--	--	232
Asphalt and Road Oil	--	--	287	29	--	94	--	18	204
Still Gas	--	--	682	--	--	--	--	--	682
Miscellaneous Products	--	--	91	1	--	-1	--	3	90
Total	13,788	1,204	19,558	10,274	186	-500	18,435	6,615	20,461

-- = 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. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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 Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 13 for the breakout of Commercial Crude Oil.

Table 5. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January 2018
(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	1,557	--	--	30,292	4,548	-309	2,219	33,107	762	0	13,698
Hydrocarbon Gas Liquids	14,027	-15	732	2,932	1,753	--	-3,272	1,623	1,996	19,082	5,205
Natural Gas Liquids	14,027	-15	334	2,859	1,534	--	-3,240	1,623	1,996	18,360	4,905
Ethane	6,312	--	--	--	--	--	28	--	1,050	387	482
Propane	4,482	--	597	2,774	5,687	--	-2,752	--	851	15,441	3,093
Normal Butane	1,329	--	-219	39	637	--	-515	1,076	25	1,200	835
Isobutane	670	--	-44	46	67	--	-44	410	1	372	132
Natural Gasoline	1,234	-15	--	--	-10	--	43	137	69	960	363
Refinery Olefins	--	--	398	73	--	--	-32	--	--	722	300
Ethylene	--	--	5	--	--	--	--	--	--	5	--
Propylene	--	--	405	73	--	--	-26	--	--	723	128
Butylene	--	--	-47	--	--	--	7	--	--	-54	155
Isobutylene	--	--	35	--	--	--	-13	--	--	48	17
Other Liquids	--	951	--	14,797	56,423	8,711	4,818	76,050	43	-29	73,946
Hydrogen/Oxygenates/Renewables/											
Other Hydrocarbons	--	954	--	152	8,352	1,171	581	10,026	21	0	9,391
Hydrogen	--	--	--	--	--	101	--	101	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	2	--	--	2	0	--
Renewable Fuels (including Fuel Ethanol)	--	954	--	152	8,352	1,068	581	9,925	19	0	9,391
Fuel Ethanol	--	797	--	--	8,179	1,276	645	9,596	11	0	7,659
Renewable Fuels Except Fuel Ethanol	--	157	--	152	173	-208	-64	329	9	0	1,732
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	1,162	6	--	-404	1,583	18	-29	4,809
Motor Gasoline Blend.Comp. (MGBC)	--	-3	--	13,483	48,065	7,540	4,641	64,441	3	0	59,746
Reformulated	--	--	--	5,598	7,993	3,825	1,515	15,901	0	0	21,378
Conventional	--	-3	--	7,885	40,072	3,715	3,126	48,540	3	0	38,368
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	111,743	15,965	52,518	-8,603	-5,889	--	3,037	174,476	77,190
Finished Motor Gasoline	--	--	92,737	533	7,292	-8,816	-456	--	23	92,179	5,049
Reformulated	--	--	38,050	--	--	-3,465	8	--	--	34,577	32
Conventional	--	--	54,687	533	7,292	-5,351	-464	--	23	57,603	5,017
Finished Aviation Gasoline	--	--	--	1	40	--	-1	--	--	42	174
Kerosene-Type Jet Fuel	--	--	2,946	2,142	14,759	--	-261	--	320	19,788	9,248
Kerosene	--	--	296	353	206	--	-354	--	2	1,207	1,444
Distillate Fuel Oil ⁶	--	--	10,187	7,976	28,592	213	-5,847	--	6	52,808	46,830
15 ppm sulfur and under	--	--	7,632	6,559	25,737	213	-6,793	--	6	46,928	37,065
Greater than 15 ppm to 500 ppm sulfur	--	--	172	306	473	--	-267	--	0	1,218	4,325
Greater than 500 ppm sulfur	--	--	2,383	1,111	2,382	--	1,213	--	--	4,663	5,440
Residual Fuel Oil ⁷	--	--	1,356	3,961	--	--	-198	--	918	4,597	7,106
Less than 0.31 percent sulfur	--	--	198	614	--	--	-449	--	NA	NA	741
0.31 to 1.00 percent sulfur	--	--	414	506	--	--	-89	--	NA	NA	1,337
Greater than 1.00 percent sulfur	--	--	744	2,841	--	--	340	--	NA	NA	5,028
Petrochemical Feedstocks	--	--	78	--	-9	--	-27	--	--	96	71
Naphtha for Petro. Feed. Use	--	--	78	--	--	--	-27	--	--	105	71
Other Oils for Petro. Feed. Use	--	--	--	--	-9	--	--	--	--	-9	--
Special Naphthas	--	--	20	--	--	--	-8	--	--	28	39
Lubricants	--	--	400	182	318	--	-98	--	920	78	964
Waxes	--	--	-5	87	--	--	4	--	62	16	531
Petroleum Coke	--	--	1,168	170	470	--	--	--	686	1,122	--
Marketable	--	--	449	170	470	--	--	--	686	403	--
Catalyst	--	--	719	--	--	--	--	--	--	719	--
Asphalt and Road Oil	--	--	974	560	850	--	1,358	--	86	941	5,706
Still Gas	--	--	1,485	--	--	--	--	--	--	1,485	--
Miscellaneous Products	--	--	101	--	--	--	-1	--	13	89	28
Total	15,584	936	112,475	63,986	115,242	-201	-2,124	110,780	5,837	193,528	170,039

-- = 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 A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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 Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly

Table 6. PAD District 1 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-January 2018
(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	1,557	--	--	30,292	4,548	-309	2,219	33,107	762	0	13,698
Hydrocarbon Gas Liquids	14,027	-15	732	2,932	1,753	--	-3,272	1,623	1,996	19,082	5,205
Natural Gas Liquids	14,027	-15	334	2,859	1,534	--	-3,240	1,623	1,996	18,360	--
Ethane	6,312	--	--	--	--	--	28	--	1,050	387	--
Propane	4,482	--	597	2,774	5,687	--	-2,752	--	851	15,441	--
Normal Butane	1,329	--	-219	39	637	--	-515	1,076	25	1,200	--
Isobutane	670	--	-44	46	67	--	-44	410	1	372	--
Natural Gasoline	1,234	-15	--	--	-10	--	43	137	69	960	--
Refinery Olefins	--	--	398	73	--	--	-32	--	--	722	--
Ethylene	--	--	5	--	--	--	--	--	--	5	--
Propylene	--	--	405	73	--	--	-26	--	--	723	--
Butylene	--	--	-47	--	--	--	7	--	--	-54	--
Isobutylene	--	--	35	--	--	--	-13	--	--	48	--
Other Liquids	--	951	--	14,797	56,423	8,711	4,818	76,050	43	-29	73,946
Hydrogen/Oxygenates/Renewables/											
Other Hydrocarbons	--	954	--	152	8,352	1,171	581	10,026	21	0	9,391
Hydrogen	--	--	--	--	--	101	--	101	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	2	--	--	2	0	--
Renewable Fuels (including Fuel Ethanol)	--	954	--	152	8,352	1,068	581	9,925	19	0	9,391
Fuel Ethanol	--	797	--	--	8,179	1,276	645	9,596	11	0	7,659
Renewable Fuels Except Fuel Ethanol	--	157	--	152	173	-208	-64	329	9	0	1,732
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	1,162	6	--	-404	1,583	18	-29	4,809
Motor Gasoline Blend.Comp. (MGBC)	--	-3	--	13,483	48,065	7,540	4,641	64,441	3	0	59,746
Reformulated	--	--	--	5,598	7,993	3,825	1,515	15,901	0	0	21,378
Conventional	--	-3	--	7,885	40,072	3,715	3,126	48,540	3	0	38,368
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	111,743	15,965	52,518	-8,603	-5,889	--	3,037	174,476	77,190
Finished Motor Gasoline	--	--	92,737	533	7,292	-8,816	-456	--	23	92,179	5,049
Reformulated	--	--	38,050	--	--	-3,465	8	--	--	34,577	32
Conventional	--	--	54,687	533	7,292	-5,351	-464	--	23	57,603	5,017
Finished Aviation Gasoline	--	--	--	1	40	--	-1	--	--	42	174
Kerosene-Type Jet Fuel	--	--	2,946	2,142	14,759	--	-261	--	320	19,788	9,248
Kerosene	--	--	296	353	206	--	-354	--	2	1,207	1,444
Distillate Fuel Oil ⁶	--	--	10,187	7,976	28,592	213	-5,847	--	6	52,808	46,830
15 ppm sulfur and under	--	--	7,632	6,559	25,737	213	-6,793	--	6	46,928	37,065
Greater than 15 ppm to 500 ppm sulfur	--	--	172	306	473	--	-267	--	0	1,218	4,325
Greater than 500 ppm sulfur	--	--	2,383	1,111	2,382	--	1,213	--	--	4,663	5,440
Residual Fuel Oil ⁷	--	--	1,356	3,961	--	--	-198	--	918	4,597	7,106
Less than 0.31 percent sulfur	--	--	198	614	--	--	-449	--	NA	NA	741
0.31 to 1.00 percent sulfur	--	--	414	506	--	--	-89	--	NA	NA	1,337
Greater than 1.00 percent sulfur	--	--	744	2,841	--	--	340	--	NA	NA	5,028
Petrochemical Feedstocks	--	--	78	--	-9	--	-27	--	--	96	71
Naphtha for Petro. Feed. Use	--	--	78	--	--	--	-27	--	--	105	71
Other Oils for Petro. Feed. Use	--	--	--	--	-9	--	--	--	--	-9	--
Special Naphthas	--	--	20	--	--	--	-8	--	--	28	39
Lubricants	--	--	400	182	318	--	-98	--	920	78	964
Waxes	--	--	-5	87	--	--	4	--	62	16	531
Petroleum Coke	--	--	1,168	170	470	--	--	--	686	1,122	--
Marketable	--	--	449	170	470	--	--	--	686	403	--
Catalyst	--	--	719	--	--	--	--	--	--	719	--
Asphalt and Road Oil	--	--	974	560	850	--	1,358	--	86	941	5,706
Still Gas	--	--	1,485	--	--	--	--	--	--	1,485	--
Miscellaneous Products	--	--	101	--	--	--	-1	--	13	89	28
Total	15,584	936	112,475	63,986	115,242	-201	-2,124	110,780	5,837	193,528	170,039

-- = 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 A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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 Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly

Table 7. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January 2018
(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	50	--	--	977	147	-10	72	1,068	25	0
Hydrocarbon Gas Liquids	452	0	24	95	57	--	-106	52	64	616
Natural Gas Liquids	452	0	11	92	49	--	-105	52	64	592
Ethane	204	--	--	--	--	--	1	--	34	12
Propane	145	--	19	89	183	--	-89	--	--	498
Normal Butane	43	--	-7	1	21	--	-17	35	1	39
Isobutane	22	--	-1	1	2	--	-1	13	0	12
Natural Gasoline	40	0	--	--	0	--	1	4	2	31
Refinery Olefins	--	--	13	2	--	--	-1	--	--	23
Ethylene	--	--	0	--	--	--	--	--	--	0
Propylene	--	--	13	2	7	--	-1	--	--	23
Butylene	--	--	-2	--	--	--	0	--	--	-2
Isobutylene	--	--	1	--	--	--	0	--	--	2
Other Liquids	--	31	--	477	1,820	281	155	2,453	1	-1
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	31	--	5	269	38	19	323	1	0
Hydrogen	--	--	--	--	--	3	--	3	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	31	--	5	269	34	19	320	1	0
Fuel Ethanol ⁶	--	26	--	--	264	41	21	310	0	0
Renewable Fuels Except Fuel Ethanol	--	5	--	5	6	-7	-2	11	0	0
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	37	0	--	-13	51	1	-1
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	0	--	435	1,550	243	150	2,079	0	0
Reformulated	--	--	--	181	258	123	49	513	0	0
Conventional	--	0	--	254	1,293	120	101	1,566	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	3,605	515	1,694	-278	-190	--	98	5,628
Finished Motor Gasoline	--	--	2,992	17	235	-284	-15	--	1	2,974
Reformulated	--	--	1,227	--	--	-112	0	--	--	1,115
Conventional	--	--	1,764	17	235	-173	-15	--	1	1,858
Finished Aviation Gasoline	--	--	--	0	1	--	0	--	--	1
Kerosene-Type Jet Fuel	--	--	95	69	476	--	-8	--	10	638
Kerosene	--	--	10	11	7	--	-11	--	0	39
Distillate Fuel Oil ⁶	--	--	329	257	922	7	-189	--	0	1,703
15 ppm sulfur and under	--	--	246	212	830	7	-219	--	0	1,514
Greater than 15 ppm to 500 ppm sulfur	--	--	6	10	15	--	-9	--	0	39
Greater than 500 ppm sulfur	--	--	77	36	77	--	39	--	--	150
Residual Fuel Oil ⁷	--	--	44	128	--	--	-6	--	30	148
Less than 0.31 percent sulfur	--	--	6	20	--	--	-14	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	13	16	--	--	-3	--	NA	NA
Greater than 1.00 percent sulfur	--	--	24	92	--	--	11	--	NA	NA
Petrochemical Feedstocks	--	--	3	--	0	--	-1	--	--	3
Naphtha for Petro. Feed. Use	--	--	3	--	--	--	-1	--	--	3
Other Oils for Petro. Feed. Use	--	--	--	--	0	--	--	--	--	0
Special Naphthas	--	--	1	--	--	--	0	--	--	1
Lubricants	--	--	13	6	10	--	-3	--	30	3
Waxes	--	--	0	3	--	--	0	--	2	1
Petroleum Coke	--	--	38	5	15	--	--	--	22	36
Marketable	--	--	14	5	15	--	--	--	22	13
Catalyst	--	--	23	--	--	--	--	--	--	23
Asphalt and Road Oil	--	--	31	18	27	--	44	--	3	30
Still Gas	--	--	48	--	--	--	--	--	--	48
Miscellaneous Products	--	--	3	--	--	--	0	--	0	3
Total	503	30	3,628	2,064	3,717	-6	-69	3,574	188	6,243

-- = 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 A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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 Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report" and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy

Table 8. PAD District 1 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-January 2018
(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	50	--	--	977	147	-10	72	1,068	25	0
Hydrocarbon Gas Liquids	452	0	24	95	57	--	-106	52	64	616
Natural Gas Liquids	452	0	11	92	49	--	-105	52	64	592
Ethane	204	--	--	--	--	--	1	--	34	12
Propane	145	--	19	89	183	--	-89	--	--	498
Normal Butane	43	--	-7	1	21	--	-17	35	1	39
Isobutane	22	--	-1	1	2	--	-1	13	0	12
Natural Gasoline	40	0	--	--	0	--	1	4	2	31
Refinery Olefins	--	--	13	2	--	--	-1	--	--	23
Ethylene	--	--	0	--	--	--	--	--	--	0
Propylene	--	--	13	2	7	--	-1	--	--	23
Butylene	--	--	-2	--	--	--	0	--	--	-2
Isobutylene	--	--	1	--	--	--	0	--	--	2
Other Liquids	--	31	--	477	1,820	281	155	2,453	1	-1
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	31	--	5	269	38	19	323	1	0
Hydrogen	--	--	--	--	--	3	--	3	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	31	--	5	269	34	19	320	1	0
Fuel Ethanol ⁶	--	26	--	--	264	41	21	310	0	0
Renewable Fuels Except Fuel Ethanol	--	5	--	5	6	-7	-2	11	0	0
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	37	0	--	-13	51	1	-1
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	0	--	435	1,550	243	150	2,079	0	0
Reformulated	--	--	--	181	258	123	49	513	0	0
Conventional	--	0	--	254	1,293	120	101	1,566	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	3,605	515	1,694	-278	-190	--	98	5,628
Finished Motor Gasoline	--	--	2,992	17	235	-284	-15	--	1	2,974
Reformulated	--	--	1,227	--	--	-112	0	--	--	1,115
Conventional	--	--	1,764	17	235	-173	-15	--	1	1,858
Finished Aviation Gasoline	--	--	--	0	1	--	0	--	--	1
Kerosene-Type Jet Fuel	--	--	95	69	476	--	-8	--	10	638
Kerosene	--	--	10	11	7	--	-11	--	0	39
Distillate Fuel Oil ⁶	--	--	329	257	922	7	-189	--	0	1,703
15 ppm sulfur and under	--	--	246	212	830	7	-219	--	0	1,514
Greater than 15 ppm to 500 ppm sulfur	--	--	6	10	15	--	-9	--	0	39
Greater than 500 ppm sulfur	--	--	77	36	77	--	39	--	--	150
Residual Fuel Oil ⁷	--	--	44	128	--	--	-6	--	30	148
Less than 0.31 percent sulfur	--	--	6	20	--	--	-14	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	13	16	--	--	-3	--	NA	NA
Greater than 1.00 percent sulfur	--	--	24	92	--	--	11	--	NA	NA
Petrochemical Feedstocks	--	--	3	--	0	--	-1	--	--	3
Naphtha for Petro. Feed. Use	--	--	3	--	--	--	-1	--	--	3
Other Oils for Petro. Feed. Use	--	--	--	--	0	--	--	--	--	0
Special Naphthas	--	--	1	--	--	--	0	--	--	1
Lubricants	--	--	13	6	10	--	-3	--	30	3
Waxes	--	--	0	3	--	--	0	--	2	1
Petroleum Coke	--	--	38	5	15	--	--	--	22	36
Marketable	--	--	14	5	15	--	--	--	22	13
Catalyst	--	--	23	--	--	--	--	--	--	23
Asphalt and Road Oil	--	--	31	18	27	--	44	--	3	30
Still Gas	--	--	48	--	--	--	--	--	--	48
Miscellaneous Products	--	--	3	--	--	--	0	--	0	3
Total	503	30	3,628	2,064	3,717	-6	-69	3,574	188	6,243

-- = 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 A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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 Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report" and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management.

Table 9. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January 2018
(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	58,105	--	--	87,325	-28,356	-10,468	-13,495	115,808	4,293	0	118,248
Hydrocarbon Gas Liquids	27,308	-596	763	3,292	-8,864	--	-11,812	3,797	8,574	21,344	38,317
Natural Gas Liquids	27,308	-596	-544	2,847	-8,149	--	-11,621	3,797	8,574	20,116	37,755
Ethane	9,453	--	--	--	--	--	342	--	2,521	2,387	5,375
Propane	10,009	--	2,257	2,552	-5,789	--	-6,792	--	145	15,676	13,227
Normal Butane	3,487	--	-2,593	63	-1,499	--	-3,737	1,617	217	1,361	8,078
Isobutane	1,493	--	-208	228	-45	--	-131	1,309	1	289	2,029
Natural Gasoline	2,866	-596	--	4	3,387	--	-1,303	871	5,689	404	9,046
Refinery Olefins	--	--	1,307	445	--	--	-191	--	--	1,228	562
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	1,333	400	--	--	-171	--	--	1,189	467
Butylene	--	--	-26	45	--	--	-20	--	--	39	95
Isobutylene	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	31,743	--	618	-14,366	-2,378	5,147	9,395	2,282	-1,207	74,668
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	31,744	--	18	-21,106	-1,897	-495	8,771	483	0	9,884
Hydrogen	--	--	--	--	--	1,238	--	1,238	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	1	0	--	1	0	7
Renewable Fuels (including Fuel Ethanol)	--	31,744	--	18	-21,106	-3,172	-499	7,501	482	0	9,826
Fuel Ethanol	--	29,746	--	--	-20,460	-1,784	-140	7,171	471	0	8,940
Renewable Fuels Except Fuel Ethanol	--	1,998	--	18	-645	-1,388	-359	330	11	0	886
Other Hydrocarbons	--	--	--	--	--	36	4	32	--	0	51
Unfinished Oils	--	--	--	96	897	--	905	-503	1,798	-1,207	14,373
Motor Gasoline Blend.Comp. (MGBC)	--	-1	--	504	5,843	-481	4,737	1,127	1	0	50,411
Reformulated	--	--	--	64	1,623	-646	517	524	--	0	6,680
Conventional	--	-1	--	440	4,220	165	4,220	603	1	0	43,731
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	151	135,340	994	2,562	3,652	4,490	--	709	137,500	60,967
Finished Motor Gasoline	--	151	75,582	--	216	2,264	653	--	27	77,533	7,189
Reformulated	--	--	10,989	--	--	842	--	--	--	11,831	--
Conventional	--	151	64,593	--	216	1,423	653	--	27	65,702	7,189
Finished Aviation Gasoline	--	--	21	2	-8	--	2	--	--	13	160
Kerosene-Type Jet Fuel	--	--	7,452	--	949	--	103	--	45	8,253	7,003
Kerosene	--	--	285	1	12	--	5	--	5	288	125
Distillate Fuel Oil	--	--	34,890	189	3,169	1,388	2,243	--	96	37,297	31,038
15 ppm sulfur and under	--	--	34,656	184	3,091	1,388	2,031	--	0	37,288	30,163
Greater than 15 ppm to 500 ppm sulfur	--	--	187	--	78	--	10	--	53	202	334
Greater than 500 ppm sulfur	--	--	47	5	--	--	202	--	42	-192	541
Residual Fuel Oil ⁶	--	--	1,391	177	-674	--	25	--	250	619	1,258
Less than 0.31 percent sulfur	--	--	--	--	--	--	-108	--	NA	NA	1
0.31 to 1.00 percent sulfur	--	--	260	74	-64	--	-87	--	NA	NA	97
Greater than 1.00 percent sulfur	--	--	1,131	103	-610	--	220	--	NA	NA	1,160
Petrochemical Feedstocks	--	--	849	147	-79	--	80	--	--	837	568
Naphtha for Petro. Feed. Use	--	--	578	72	-43	--	59	--	--	548	411
Other Oils for Petro. Feed. Use	--	--	271	75	-36	--	21	--	--	289	157
Special Naphthas	--	--	57	53	19	--	32	--	--	97	133
Lubricants	--	--	241	216	215	--	-3	--	186	489	880
Waxes	--	--	42	12	--	--	1	--	22	31	64
Petroleum Coke	--	--	5,649	23	-685	--	305	--	60	4,622	1,822
Marketable	--	--	4,201	23	-685	--	305	--	60	3,174	1,822
Catalyst	--	--	1,448	--	--	--	--	--	--	1,448	--
Asphalt and Road Oil	--	--	4,043	172	-582	--	1,049	--	15	2,569	10,607
Still Gas	--	--	4,357	--	--	--	--	--	--	4,357	--
Miscellaneous Products	--	--	481	2	10	--	-5	--	2	496	120
Total	85,413	31,298	136,103	92,229	-49,024	-9,194	-15,670	129,000	15,857	157,638	292,200

-- = 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 A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other

Table 10. PAD District 2 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-January 2018
(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	58,105	--	--	87,325	-28,356	-10,468	-13,495	115,808	4,293	0	118,248
Hydrocarbon Gas Liquids	27,308	-596	763	3,292	-8,864	--	-11,812	3,797	8,574	21,344	38,317
Natural Gas Liquids	27,308	-596	-544	2,847	-8,149	--	-11,621	3,797	8,574	20,116	--
Ethane	9,453	--	--	--	--	--	342	--	2,521	2,387	--
Propane	10,009	--	2,257	2,552	-5,789	--	-6,792	--	145	15,676	--
Normal Butane	3,487	--	-84	63	-1,499	--	-3,737	1,617	219	1,361	--
Isobutane	1,493	--	-208	228	-45	--	-131	1,309	1	289	--
Natural Gasoline	2,866	-596	--	4	3,387	--	-1,303	871	5,689	404	--
Refinery Olefins	--	--	1,307	445	--	--	-191	--	--	1,228	--
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	1,333	400	--	--	-171	--	--	1,189	--
Butylene	--	--	-26	45	--	--	-20	--	--	39	--
Isobutylene	--	--	--	--	--	--	0	--	--	0	--
Other Liquids	--	31,743	--	618	-14,366	-2,378	5,147	9,395	2,282	-1,207	74,668
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	31,744	--	18	-21,106	-1,897	-495	8,771	483	0	9,884
Hydrogen	--	--	--	--	--	1,238	--	1,238	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	1	0	--	1	0	7
Renewable Fuels (including Fuel Ethanol)	--	31,744	--	18	-21,106	-3,172	-499	7,501	482	0	9,826
Fuel Ethanol	--	29,746	--	--	-20,460	-1,784	-140	7,171	471	0	8,940
Renewable Fuels Except Fuel Ethanol	--	1,998	--	18	-645	-1,388	-359	330	11	0	886
Other Hydrocarbons	--	--	--	--	--	36	4	32	--	0	51
Unfinished Oils	--	--	--	96	897	--	905	-503	1,798	-1,207	14,373
Motor Gasoline Blend.Comp. (MGBC)	--	-1	--	504	5,843	-481	4,737	1,127	1	0	50,411
Reformulated	--	--	--	64	1,623	-646	517	524	--	0	6,680
Conventional	--	-1	--	440	4,220	165	4,220	603	1	0	43,731
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	151	135,340	994	2,562	3,652	4,490	--	709	137,500	60,967
Finished Motor Gasoline	--	151	75,582	--	216	2,264	653	--	27	77,533	7,189
Reformulated	--	--	10,989	--	--	842	--	--	--	11,831	--
Conventional	--	151	64,593	--	216	1,423	653	--	27	65,702	7,189
Finished Aviation Gasoline	--	--	21	2	-8	--	2	--	--	13	160
Kerosene-Type Jet Fuel	--	--	7,452	--	949	--	103	--	45	8,253	7,003
Kerosene	--	--	285	1	12	--	5	--	5	288	125
Distillate Fuel Oil	--	--	34,890	189	3,169	1,388	2,243	--	96	37,297	31,038
15 ppm sulfur and under	--	--	34,656	184	3,091	1,388	2,031	--	0	37,288	30,163
Greater than 15 ppm to 500 ppm sulfur	--	--	187	--	78	--	10	--	53	202	334
Greater than 500 ppm sulfur	--	--	47	5	--	--	202	--	42	-192	541
Residual Fuel Oil ⁶	--	--	1,391	177	-674	--	25	--	250	619	1,258
Less than 0.31 percent sulfur	--	--	--	--	--	--	-108	--	NA	NA	1
0.31 to 1.00 percent sulfur	--	--	260	74	-64	--	-87	--	NA	NA	97
Greater than 1.00 percent sulfur	--	--	1,131	103	-610	--	220	--	NA	NA	1,160
Petrochemical Feedstocks	--	--	849	147	-79	--	80	--	--	837	568
Naphtha for Petro. Feed. Use	--	--	578	72	-43	--	59	--	--	548	411
Other Oils for Petro. Feed. Use	--	--	271	75	-36	--	21	--	--	289	157
Special Naphthas	--	--	57	53	19	--	32	--	--	97	133
Lubricants	--	--	241	216	215	--	-3	--	186	489	880
Waxes	--	--	42	12	--	--	1	--	22	31	64
Petroleum Coke	--	--	5,649	23	-685	--	305	--	60	4,622	1,822
Marketable	--	--	4,201	23	-685	--	305	--	60	3,174	1,822
Catalyst	--	--	1,448	--	--	--	--	--	--	1,448	--
Asphalt and Road Oil	--	--	4,043	172	-582	--	1,049	--	15	2,569	10,607
Still Gas	--	--	4,357	--	--	--	--	--	--	4,357	--
Miscellaneous Products	--	--	481	2	10	--	-5	--	2	496	120
Total	85,413	31,298	136,103	92,229	-49,024	-9,194	-15,670	129,000	15,857	157,638	292,200

-- = 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 A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other

Table 11. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January 2018
(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	1,874	--	--	2,817	-915	-338	-435	3,736	138	0
Hydrocarbon Gas Liquids	881	-19	25	106	-286	--	-381	122	277	689
Natural Gas Liquids	881	-19	-18	92	-263	--	-375	122	277	649
Ethane	305	--	--	--	--	--	11	--	81	77
Propane	323	--	73	82	-187	--	-219	--	5	506
Normal Butane	112	--	-1,706	2	-48	--	-121	52	7	44
Isobutane	48	--	-7	7	-1	--	-4	42	0	9
Natural Gasoline	92	-19	--	0	109	--	-42	28	184	13
Refinery Olefins	--	--	42	14	--	--	-6	--	--	40
Ethylene	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	43	13	-23	--	-6	--	--	38
Butylene	--	--	-1	1	--	--	-1	--	--	1
Isobutylene	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	1,024	--	20	-463	-77	166	303	74	-39
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	1,024	--	1	-681	-61	-16	283	16	0
Hydrogen	--	--	--	--	--	40	--	40	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	0	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	1,024	--	1	-681	-102	-16	242	16	0
Fuel Ethanol	--	960	--	--	-660	-58	-5	231	15	0
Renewable Fuels Except Fuel Ethanol	--	64	--	1	-21	-45	-12	11	0	0
Other Hydrocarbons	--	--	--	--	--	1	0	1	--	0
Unfinished Oils	--	--	--	3	29	--	29	-16	58	-39
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	16	188	-16	153	36	0	0
Reformulated	--	--	--	2	52	-21	17	17	--	0
Conventional	--	0	--	14	136	5	136	19	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	5	4,366	32	83	118	145	--	23	4,435
Finished Motor Gasoline	--	5	2,438	--	7	73	21	--	1	2,501
Reformulated	--	--	354	--	--	27	--	--	--	382
Conventional	--	5	2,084	--	7	46	21	--	1	2,119
Finished Aviation Gasoline	--	--	1	0	0	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	240	--	31	--	3	--	1	266
Kerosene	--	--	9	0	0	--	0	--	0	9
Distillate Fuel Oil	--	--	1,125	6	102	45	72	--	3	1,203
15 ppm sulfur and under	--	--	1,118	6	100	45	66	--	0	1,203
Greater than 15 ppm to 500 ppm sulfur	--	--	6	--	3	--	0	--	2	7
Greater than 500 ppm sulfur	--	--	2	0	--	--	7	--	1	-6
Residual Fuel Oil ⁶	--	--	45	6	-22	--	1	--	8	20
Less than 0.31 percent sulfur	--	--	--	--	--	--	-3	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	8	2	-2	--	-3	--	NA	NA
Greater than 1.00 percent sulfur	--	--	36	3	-20	--	7	--	NA	NA
Petrochemical Feedstocks	--	--	27	5	-3	--	3	--	--	27
Naphtha for Petro. Feed. Use	--	--	19	2	-1	--	2	--	--	18
Other Oils for Petro. Feed. Use	--	--	9	2	-1	--	1	--	--	9
Special Naphthas	--	--	2	2	1	--	1	--	--	3
Lubricants	--	--	8	7	7	--	0	--	6	16
Waxes	--	--	1	0	--	--	0	--	1	1
Petroleum Coke	--	--	182	1	-22	--	10	--	2	149
Marketable	--	--	136	1	-22	--	10	--	2	102
Catalyst	--	--	47	--	--	--	--	--	--	47
Asphalt and Road Oil	--	--	130	6	-19	--	34	--	0	83
Still Gas	--	--	141	--	--	--	--	--	--	141
Miscellaneous Products	--	--	16	0	0	--	0	--	0	16
Total	2,755	1,010	4,390	2,975	-1,581	-297	-505	4,161	512	5,085

-- = 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 A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 12. PAD District 2 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-January 2018
(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	1,874	--	--	2,817	-915	-338	-435	3,736	138	0
Hydrocarbon Gas Liquids	881	-19	25	106	-286	--	-381	122	277	689
Natural Gas Liquids	881	-19	-18	92	-263	--	-375	122	277	649
Ethane	305	--	--	--	--	--	11	--	81	77
Propane	323	--	73	82	-187	--	-219	--	5	506
Normal Butane	112	--	-84	2	-48	--	-121	52	7	44
Isobutane	48	--	-7	7	-1	--	-4	42	0	9
Natural Gasoline	92	-19	--	0	109	--	-42	28	184	13
Refinery Olefins	--	--	42	14	--	--	-6	--	--	40
Ethylene	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	43	13	-23	--	-6	--	--	38
Butylene	--	--	-1	1	--	--	-1	--	--	1
Isobutylene	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	1,024	--	20	-463	-77	166	303	74	-39
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	1,024	--	1	-681	-61	-16	283	16	0
Hydrogen	--	--	--	--	--	40	--	40	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	0	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	1,024	--	1	-681	-102	-16	242	16	0
Fuel Ethanol	--	960	--	--	-660	-58	-5	231	15	0
Renewable Fuels Except Fuel Ethanol	--	64	--	1	-21	-45	-12	11	0	0
Other Hydrocarbons	--	--	--	--	--	1	0	1	--	0
Unfinished Oils	--	--	--	3	29	--	29	-16	58	-39
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	16	188	-16	153	36	0	0
Reformulated	--	--	--	2	52	-21	17	17	--	0
Conventional	--	0	--	14	136	5	136	19	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	5	4,366	32	83	118	145	--	23	4,435
Finished Motor Gasoline	--	5	2,438	--	7	73	21	--	1	2,501
Reformulated	--	--	354	--	--	27	--	--	--	382
Conventional	--	5	2,084	--	7	46	21	--	1	2,119
Finished Aviation Gasoline	--	--	1	0	0	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	240	--	31	--	3	--	1	266
Kerosene	--	--	9	0	0	--	0	--	0	9
Distillate Fuel Oil	--	--	1,125	6	102	45	72	--	3	1,203
15 ppm sulfur and under	--	--	1,118	6	100	45	66	--	0	1,203
Greater than 15 ppm to 500 ppm sulfur	--	--	6	--	3	--	0	--	2	7
Greater than 500 ppm sulfur	--	--	2	0	--	--	7	--	1	-6
Residual Fuel Oil ⁶	--	--	45	6	-22	--	1	--	8	20
Less than 0.31 percent sulfur	--	--	--	--	--	--	-3	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	8	2	-2	--	-3	--	NA	NA
Greater than 1.00 percent sulfur	--	--	36	3	-20	--	7	--	NA	NA
Petrochemical Feedstocks	--	--	27	5	-3	--	3	--	--	27
Naphtha for Petro. Feed. Use	--	--	19	2	-1	--	2	--	--	18
Other Oils for Petro. Feed. Use	--	--	9	2	-1	--	1	--	--	9
Special Naphthas	--	--	2	2	1	--	1	--	--	3
Lubricants	--	--	8	7	7	--	0	--	6	16
Waxes	--	--	1	0	--	--	0	--	1	1
Petroleum Coke	--	--	182	1	-22	--	10	--	2	149
Marketable	--	--	136	1	-22	--	10	--	2	102
Catalyst	--	--	47	--	--	--	--	--	--	47
Asphalt and Road Oil	--	--	130	6	-19	--	34	--	0	83
Still Gas	--	--	141	--	--	--	--	--	--	141
Miscellaneous Products	--	--	16	0	0	--	0	--	0	16
Total	2,755	1,010	4,390	2,975	-1,581	-297	-505	4,161	512	5,085

-- = Not Applicable.

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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.

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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. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 13. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January 2018
(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	193,713	--	--	80,772	34,800	12,085	13,176	271,944	36,250	0	880,542
Hydrocarbon Gas Liquids	62,456	-16	10,249	145	16,792	--	-17,752	10,193	34,129	63,056	107,579
Natural Gas Liquids	62,456	-16	2,960	--	16,296	--	-17,625	10,193	34,129	54,999	102,754
Ethane	26,825	--	139	--	--	--	-4,631	--	3,037	40,772	45,033
Propane	19,136	--	4,996	--	3,725	--	-6,328	--	25,776	8,409	27,210
Normal Butane	2,463	--	-1,706	--	1,664	--	-6,988	4,283	5,247	-121	15,737
Isobutane	7,875	--	-469	--	618	--	217	3,158	50	4,599	5,583
Natural Gasoline	6,157	-16	--	--	-1,925	--	105	2,752	19	1,340	9,191
Refinery Olefins	--	--	7,289	145	--	--	-127	--	--	8,057	4,825
Ethylene	--	--	--	--	--	--	0	--	--	0	0
Propylene	--	--	7,297	--	--	--	302	--	--	7,491	4,325
Butylene	--	--	26	145	--	--	-429	--	--	600	500
Isobutylene	--	--	-34	--	--	--	0	--	--	-34	0
Other Liquids	--	3,827	--	17,979	-52,964	-6,212	3,182	-56,592	11,858	4,182	129,273
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	3,827	--	230	6,399	2,627	681	8,213	4,189	0	7,501
Hydrogen	--	--	--	--	--	3,728	--	3,728	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	2,452	--	155	--	-6	106	--	2,495	0	1,545
Renewable Fuels (including Fuel Ethanol)	--	1,375	--	71	6,399	-1,096	570	4,485	1,694	0	5,951
Fuel Ethanol	--	847	--	--	6,238	-843	408	4,213	1,621	0	4,486
Renewable Fuels Except Fuel Ethanol	--	528	--	71	160	-253	162	272	73	0	1,465
Other Hydrocarbons	--	--	--	4	--	1	5	--	--	0	5
Unfinished Oils	--	--	--	16,940	-903	--	1,900	3,965	5,990	4,182	46,820
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	809	-58,460	-8,839	607	-68,776	1,679	0	74,943
Reformulated	--	--	--	--	-12,111	5,311	65	-6,869	4	0	11,197
Conventional	--	--	--	809	-46,349	-14,149	542	-61,907	1,676	0	63,746
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	-6	6	--	0	9
Finished Petroleum Products	--	--	233,858	4,599	-56,328	10,158	2,106	--	87,215	102,965	110,638
Finished Motor Gasoline	--	--	70,162	--	-7,174	9,682	-244	--	31,326	41,587	8,638
Reformulated	--	--	13,611	--	--	-5,217	--	--	--	8,394	--
Conventional	--	--	56,551	--	-7,174	14,898	-244	--	31,326	33,193	8,638
Finished Aviation Gasoline	--	--	151	--	-32	--	-95	--	--	214	374
Kerosene-Type Jet Fuel	--	--	26,872	--	-16,778	--	1,696	--	4,631	3,767	15,540
Kerosene	--	--	0	--	-218	--	-51	--	123	-290	125
Distillate Fuel Oil	--	--	85,972	443	-32,591	476	-1,444	--	29,460	26,284	44,378
15 ppm sulfur and under	--	--	77,126	16	-29,658	476	-1,699	--	25,045	24,614	37,104
Greater than 15 ppm to 500 ppm sulfur	--	--	3,151	--	-551	--	-307	--	2,927	-20	1,934
Greater than 500 ppm sulfur	--	--	5,695	427	-2,382	--	562	--	1,488	1,690	5,340
Residual Fuel Oil ⁷	--	--	7,667	1,916	674	--	2,407	--	6,852	998	18,764
Less than 0.31 percent sulfur	--	--	1,455	552	--	--	210	--	NA	NA	860
0.31 to 1.00 percent sulfur	--	--	675	50	64	--	-757	--	NA	NA	3,710
Greater than 1.00 percent sulfur	--	--	5,537	1,314	610	--	2,954	--	NA	NA	14,194
Petrochemical Feedstocks	--	--	7,895	346	88	--	74	--	--	8,255	2,387
Naphtha for Petro. Feed. Use	--	--	5,711	325	43	--	205	--	--	5,874	1,602
Other Oils for Petro. Feed. Use	--	--	2,184	21	45	--	-131	--	--	2,381	785
Special Naphthas	--	--	1,012	617	-19	--	-30	--	--	1,640	969
Lubricants	--	--	4,289	894	-533	--	-155	--	2,461	2,344	8,906
Waxes	--	--	79	1	--	--	-27	--	17	90	240
Petroleum Coke	--	--	15,293	366	447	--	35	--	11,944	4,127	5,598
Marketable	--	--	11,538	366	447	--	35	--	11,944	372	5,598
Catalyst	--	--	3,755	--	--	--	--	--	--	3,755	--
Asphalt and Road Oil	--	--	1,885	--	-182	--	-28	--	397	1,334	4,373
Still Gas	--	--	10,886	--	--	--	--	--	--	10,886	--
Miscellaneous Products	--	--	1,695	16	-10	--	-32	--	4	1,729	346
Total	256,169	3,811	244,107	103,495	-57,701	16,031	712	225,545	169,453	170,203	1,228,032

-- = 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 A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy

Table 14. PAD District 3 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-January 2018
(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	193,713	--	--	80,772	34,800	12,085	13,176	271,944	36,250	0	880,542
Hydrocarbon Gas Liquids	62,456	-16	10,249	145	16,792	--	-17,752	10,193	34,129	63,056	107,579
Natural Gas Liquids	62,456	-16	2,960	--	16,296	--	-17,625	10,193	34,129	54,999	--
Ethane	26,825	--	139	--	--	--	-4,631	--	3,037	40,772	--
Propane	19,136	--	4,996	--	3,725	--	-6,328	--	25,776	8,409	--
Normal Butane	2,463	--	-1,706	--	1,664	--	-6,988	4,283	5,247	-121	--
Isobutane	7,875	--	-469	--	618	--	217	3,158	50	4,599	--
Natural Gasoline	6,157	-16	--	--	-1,925	--	105	2,752	19	1,340	--
Refinery Olefins	--	--	7,289	145	--	--	-127	--	--	8,057	--
Ethylene	--	--	--	--	--	--	0	--	--	0	--
Propylene	--	--	7,297	--	--	--	302	--	--	7,491	--
Butylene	--	--	26	145	--	--	-429	--	--	600	--
Isobutylene	--	--	-34	--	--	--	0	--	--	-34	--
Other Liquids	--	3,827	--	17,979	-52,964	-6,212	3,182	-56,592	11,858	4,182	129,273
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	3,827	--	230	6,399	2,627	681	8,213	4,189	0	7,501
Hydrogen	--	--	--	--	--	3,728	--	3,728	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	2,452	--	155	--	-6	106	--	2,495	0	1,545
Renewable Fuels (including Fuel Ethanol)	--	1,375	--	71	6,399	-1,096	570	4,485	1,694	0	5,951
Fuel Ethanol	--	847	--	--	6,238	-843	408	4,213	1,621	0	4,486
Renewable Fuels Except Fuel Ethanol	--	528	--	71	160	-253	162	272	73	0	1,465
Other Hydrocarbons	--	--	--	4	--	1	5	--	--	0	5
Unfinished Oils	--	--	--	16,940	-903	--	1,900	3,965	5,990	4,182	46,820
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	809	-58,460	-8,839	607	-68,776	1,679	0	74,943
Reformulated	--	--	--	--	-12,111	5,311	65	-6,869	4	0	11,197
Conventional	--	--	--	809	-46,349	-14,149	542	-61,907	1,676	0	63,746
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	-6	6	--	0	9
Finished Petroleum Products	--	--	233,858	4,599	-56,328	10,158	2,106	--	87,215	102,965	110,638
Finished Motor Gasoline	--	--	70,162	--	-7,174	9,682	-244	--	31,326	41,587	8,638
Reformulated	--	--	13,611	--	--	-5,217	--	--	--	8,394	--
Conventional	--	--	56,551	--	-7,174	14,898	-244	--	31,326	33,193	8,638
Finished Aviation Gasoline	--	--	151	--	-32	--	-95	--	--	214	374
Kerosene-Type Jet Fuel	--	--	26,872	--	-16,778	--	1,696	--	4,631	3,767	15,540
Kerosene	--	--	0	--	-218	--	-51	--	123	-290	125
Distillate Fuel Oil	--	--	85,972	443	-32,591	476	-1,444	--	29,460	26,284	44,378
15 ppm sulfur and under	--	--	77,126	16	-29,658	476	-1,699	--	25,045	24,614	37,104
Greater than 15 ppm to 500 ppm sulfur	--	--	3,151	--	-551	--	-307	--	2,927	-20	1,934
Greater than 500 ppm sulfur	--	--	5,695	427	-2,382	--	562	--	1,488	1,690	5,340
Residual Fuel Oil ⁷	--	--	7,667	1,916	674	--	2,407	--	6,852	998	18,764
Less than 0.31 percent sulfur	--	--	1,455	552	--	--	210	--	NA	NA	860
0.31 to 1.00 percent sulfur	--	--	675	50	64	--	-757	--	NA	NA	3,710
Greater than 1.00 percent sulfur	--	--	5,537	1,314	610	--	2,954	--	NA	NA	14,194
Petrochemical Feedstocks	--	--	7,895	346	88	--	74	--	--	8,255	2,387
Naphtha for Petro. Feed. Use	--	--	5,711	325	43	--	205	--	--	5,874	1,602
Other Oils for Petro. Feed. Use	--	--	2,184	21	45	--	-131	--	--	2,381	785
Special Naphthas	--	--	1,012	617	-19	--	-30	--	--	1,640	969
Lubricants	--	--	4,289	894	-533	--	-155	--	2,461	2,344	8,906
Waxes	--	--	79	1	--	--	-27	--	17	90	240
Petroleum Coke	--	--	15,293	366	447	--	35	--	11,944	4,127	5,598
Marketable	--	--	11,538	366	447	--	35	--	11,944	372	5,598
Catalyst	--	--	3,755	--	--	--	--	--	--	3,755	--
Asphalt and Road Oil	--	--	1,885	--	-182	--	-28	--	397	1,334	4,373
Still Gas	--	--	10,886	--	--	--	--	--	--	10,886	--
Miscellaneous Products	--	--	1,695	16	-10	--	-32	--	4	1,729	346
Total	256,169	3,811	244,107	103,495	-57,701	16,031	712	225,545	169,453	170,203	1,228,032

-- = 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 A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy

Table 15. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January 2018
(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	6,249	--	--	2,606	1,123	390	425	8,772	1,169	0
Hydrocarbon Gas Liquids	2,015	-1	331	5	542	--	-573	329	1,101	2,034
Natural Gas Liquids	2,015	-1	95	--	526	--	-569	329	1,101	1,774
Ethane	865	--	4	--	--	--	-149	--	98	1,315
Propane	617	--	161	--	120	--	-204	--	831	271
Normal Butane	79	--	-55	--	54	--	-225	138	169	-4
Isobutane	254	--	-15	--	20	--	7	102	2	148
Natural Gasoline	199	-1	--	--	-62	--	3	89	1	43
Refinery Olefins	--	--	235	5	--	--	-4	--	--	260
Ethylene	--	--	--	--	--	--	0	--	--	0
Propylene	--	--	235	--	16	--	10	--	--	242
Butylene	--	--	1	5	--	--	-14	--	--	19
Isobutylene	--	--	-1	--	--	--	0	--	--	-1
Other Liquids	--	123	--	580	-1,709	-200	103	-1,826	383	135
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	123	--	7	206	85	22	265	135	0
Hydrogen	--	--	--	--	--	120	--	120	--	0
Oxygenates (excluding Fuel Ethanol)	--	79	--	5	--	0	3	--	80	0
Renewable Fuels (including Fuel Ethanol)	--	44	--	2	206	-35	18	145	55	0
Fuel Ethanol	--	27	--	--	201	-27	13	136	52	0
Renewable Fuels Except Fuel Ethanol	--	17	--	2	5	-8	5	9	2	0
Other Hydrocarbons	--	--	--	0	--	0	0	--	--	0
Unfinished Oils	--	--	--	546	-29	--	61	128	193	135
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	26	-1,886	-285	20	-2,219	54	0
Reformulated	--	--	--	--	-391	171	2	-222	0	0
Conventional	--	--	--	26	-1,495	-456	17	-1,997	54	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	--	7,544	148	-1,817	328	68	--	2,813	3,321
Finished Motor Gasoline	--	--	2,263	--	-231	312	-8	--	1,011	1,342
Reformulated	--	--	439	--	--	-168	--	--	--	271
Conventional	--	--	1,824	--	-231	481	-8	--	1,011	1,071
Finished Aviation Gasoline	--	--	5	--	-1	--	-3	--	--	7
Kerosene-Type Jet Fuel	--	--	867	--	-541	--	55	--	149	122
Kerosene	--	--	0	--	-7	--	-2	--	4	-9
Distillate Fuel Oil	--	--	2,773	14	-1,051	15	-47	--	950	848
15 ppm sulfur and under	--	--	2,488	1	-957	15	-55	--	808	794
Greater than 15 ppm to 500 ppm sulfur	--	--	102	--	-18	--	-10	--	94	-1
Greater than 500 ppm sulfur	--	--	184	14	-77	--	18	--	48	55
Residual Fuel Oil ⁷	--	--	247	62	22	--	78	--	221	32
Less than 0.31 percent sulfur	--	--	47	18	--	--	7	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	22	2	2	--	-24	--	NA	NA
Greater than 1.00 percent sulfur	--	--	179	42	20	--	95	--	NA	NA
Petrochemical Feedstocks	--	--	255	11	3	--	2	--	--	266
Naphtha for Petro. Feed. Use	--	--	184	10	1	--	7	--	--	189
Other Oils for Petro. Feed. Use	--	--	70	1	1	--	-4	--	--	77
Special Naphthas	--	--	33	20	-1	--	-1	--	--	53
Lubricants	--	--	138	29	-17	--	-5	--	79	76
Waxes	--	--	3	0	--	--	-1	--	1	3
Petroleum Coke	--	--	493	12	14	--	1	--	385	133
Marketable	--	--	372	12	14	--	1	--	385	12
Catalyst	--	--	121	--	--	--	--	--	--	121
Asphalt and Road Oil	--	--	61	--	-6	--	-1	--	13	43
Still Gas	--	--	351	--	--	--	--	--	--	351
Miscellaneous Products	--	--	55	1	0	--	-1	--	0	56
Total	8,264	123	7,874	3,339	-1,861	517	23	7,276	5,466	5,490

-- = 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 A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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.

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

⁷ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks.

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

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other sources.

Table 16. PAD District 3 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-January 2018
(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	6,249	--	--	2,606	1,123	390	425	8,772	1,169	0
Hydrocarbon Gas Liquids	2,015	-1	331	5	542	--	-573	329	1,101	2,034
Natural Gas Liquids	2,015	-1	95	--	526	--	-569	329	1,101	1,774
Ethane	865	--	4	--	--	--	-149	--	98	1,315
Propane	617	--	161	--	120	--	-204	--	831	271
Normal Butane	79	--	-109	--	54	--	-225	138	169	-4
Isobutane	254	--	-15	--	20	--	7	102	2	148
Natural Gasoline	199	-1	--	--	-62	--	3	89	1	43
Refinery Olefins	--	--	235	5	--	--	-4	--	--	260
Ethylene	--	--	--	--	--	--	0	--	--	0
Propylene	--	--	235	--	16	--	10	--	--	242
Butylene	--	--	1	5	--	--	-14	--	--	19
Isobutylene	--	--	-1	--	--	--	0	--	--	-1
Other Liquids	--	123	--	580	-1,709	-200	103	-1,826	383	135
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	123	--	7	206	85	22	265	135	0
Hydrogen	--	--	--	--	--	120	--	120	--	0
Oxygenates (excluding Fuel Ethanol)	--	79	--	5	--	0	3	--	80	0
Renewable Fuels (including Fuel Ethanol)	--	44	--	2	206	-35	18	145	55	0
Fuel Ethanol	--	27	--	--	201	-27	13	136	52	0
Renewable Fuels Except Fuel Ethanol	--	17	--	2	5	-8	5	9	2	0
Other Hydrocarbons	--	--	--	0	--	0	0	--	--	0
Unfinished Oils	--	--	--	546	-29	--	61	128	193	135
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	26	-1,886	-285	20	-2,219	54	0
Reformulated	--	--	--	--	-391	171	2	-222	0	0
Conventional	--	--	--	26	-1,495	-456	17	-1,997	54	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	--	7,544	148	-1,817	328	68	--	2,813	3,321
Finished Motor Gasoline	--	--	2,263	--	-231	312	-8	--	1,011	1,342
Reformulated	--	--	439	--	--	-168	--	--	--	271
Conventional	--	--	1,824	--	-231	481	-8	--	1,011	1,071
Finished Aviation Gasoline	--	--	5	--	-1	--	-3	--	--	7
Kerosene-Type Jet Fuel	--	--	867	--	-541	--	55	--	149	122
Kerosene	--	--	0	--	-7	--	-2	--	4	-9
Distillate Fuel Oil	--	--	2,773	14	-1,051	15	-47	--	950	848
15 ppm sulfur and under	--	--	2,488	1	-957	15	-55	--	808	794
Greater than 15 ppm to 500 ppm sulfur	--	--	102	--	-18	--	-10	--	94	-1
Greater than 500 ppm sulfur	--	--	184	14	-77	--	18	--	48	55
Residual Fuel Oil ⁷	--	--	247	62	22	--	78	--	221	32
Less than 0.31 percent sulfur	--	--	47	18	--	--	7	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	22	2	2	--	-24	--	NA	NA
Greater than 1.00 percent sulfur	--	--	179	42	20	--	95	--	NA	NA
Petrochemical Feedstocks	--	--	255	11	3	--	2	--	--	266
Naphtha for Petro. Feed. Use	--	--	184	10	1	--	7	--	--	189
Other Oils for Petro. Feed. Use	--	--	70	1	1	--	-4	--	--	77
Special Naphthas	--	--	33	20	-1	--	-1	--	--	53
Lubricants	--	--	138	29	-17	--	-5	--	79	76
Waxes	--	--	3	0	--	--	-1	--	1	3
Petroleum Coke	--	--	493	12	14	--	1	--	385	133
Marketable	--	--	372	12	14	--	1	--	385	12
Catalyst	--	--	121	--	--	--	--	--	--	121
Asphalt and Road Oil	--	--	61	--	-6	--	-1	--	13	43
Still Gas	--	--	351	--	--	--	--	--	--	351
Miscellaneous Products	--	--	55	1	0	--	-1	--	0	56
Total	8,264	123	7,874	3,339	-1,861	517	23	7,276	5,466	5,490

-- = 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 A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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.

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

⁷ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other

Table 17. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January 2018
(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	24,912	--	--	11,744	-15,589	-2,289	-788	19,528	38	0	21,574
Hydrocarbon Gas Liquids	12,681	-9	84	453	-10,926	--	-645	715	60	2,153	2,988
Natural Gas Liquids	12,681	-9	130	453	-10,926	--	-685	715	60	2,239	2,933
Ethane	3,873	--	--	--	--	--	3	--	--	706	471
Propane	4,503	--	235	425	-3,869	--	-318	--	--	1,612	1,166
Normal Butane	1,729	--	-109	12	-1,597	--	-377	475	--	-63	659
Isobutane	802	--	4	16	-844	--	9	133	--	-164	284
Natural Gasoline	1,774	-9	--	--	-1,452	--	-2	107	60	148	353
Refinery Olefins	--	--	-46	--	--	--	40	--	--	-86	55
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	-17	--	--	--	4	--	--	-21	4
Butylene	--	--	-29	--	--	--	36	--	--	-65	51
Isobutylene	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	420	--	13	-297	-652	285	-1,060	7	252	9,156
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	420	--	5	274	475	31	1,143	--	0	365
Hydrogen	--	--	--	--	--	253	--	253	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	420	--	5	274	222	31	890	--	0	365
Fuel Ethanol	--	420	--	--	230	237	31	856	--	0	355
Renewable Fuels Except Fuel Ethanol	--	--	--	5	43	-14	0	34	--	0	10
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	--	--	--	129	-388	7	252	2,880
Motor Gasoline Blend Comp. (MGBC)	--	--	--	8	-571	-1,127	125	-1,815	--	0	5,911
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	-571	-1,127	125	-1,815	--	0	5,911
Aviation Gasoline Blend Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	20,237	124	-1,408	905	78	--	28	19,752	8,660
Finished Motor Gasoline	--	--	9,223	--	-654	890	-89	--	1	9,548	1,725
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	9,223	--	-654	890	-89	--	1	9,548	1,725
Finished Aviation Gasoline	--	--	3	--	--	--	0	--	--	3	9
Kerosene-Type Jet Fuel	--	--	1,086	--	688	--	-83	--	--	1,857	639
Kerosene	--	--	--	--	--	--	-1	--	1	0	1
Distillate Fuel Oil	--	--	6,672	56	-516	14	-91	--	--	6,317	4,117
15 ppm sulfur and under	--	--	6,651	56	-516	14	-115	--	--	6,320	3,855
Greater than 15 ppm to 500 ppm sulfur	--	--	39	--	--	--	41	--	--	-2	213
Greater than 500 ppm sulfur	--	--	-18	--	--	--	-17	--	--	-1	49
Residual Fuel Oil ⁶	--	--	331	--	--	--	11	--	14	306	226
Less than 0.31 percent sulfur	--	--	187	--	--	--	2	--	NA	NA	34
0.31 to 1.00 percent sulfur	--	--	18	--	--	--	4	--	NA	NA	8
Greater than 1.00 percent sulfur	--	--	126	--	--	--	5	--	NA	NA	184
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	10	-10	--
Waxes	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	790	--	-308	--	46	--	0	436	129
Marketable	--	--	599	--	-308	--	46	--	0	245	129
Catalyst	--	--	191	--	--	--	--	--	--	191	--
Asphalt and Road Oil	--	--	1,295	67	-618	--	283	--	3	458	1,796
Still Gas	--	--	741	--	--	--	--	--	--	741	--
Miscellaneous Products	--	--	96	1	--	--	2	--	--	95	18
Total	37,593	411	20,321	12,334	-28,221	-2,036	-1,070	19,183	132	22,157	42,378

-- = 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 A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other

Table 18. PAD District 4 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-January 2018
(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	24,912	--	--	11,744	-15,589	-2,289	-788	19,528	38	0	21,574
Hydrocarbon Gas Liquids	12,681	-9	84	453	-10,926	--	-645	715	60	2,153	2,988
Natural Gas Liquids	12,681	-9	130	453	-10,926	--	-685	715	60	2,239	--
Ethane	3,873	--	--	--	--	--	3	--	--	706	--
Propane	4,503	--	235	425	-3,869	--	-318	--	--	1,612	--
Normal Butane	1,729	--	-109	12	-1,597	--	-377	475	--	-63	--
Isobutane	802	--	4	16	-844	--	9	133	--	-164	--
Natural Gasoline	1,774	-9	--	--	-1,452	--	-2	107	60	148	--
Refinery Olefins	--	--	-46	--	--	--	40	--	--	-86	--
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	-17	--	--	--	4	--	--	-21	--
Butylene	--	--	-29	--	--	--	36	--	--	-65	--
Isobutylene	--	--	--	--	--	--	0	--	--	0	--
Other Liquids	--	420	--	13	-297	-652	285	-1,060	7	252	9,156
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	420	--	5	274	475	31	1,143	--	0	365
Hydrogen	--	--	--	--	--	253	--	253	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	420	--	5	274	222	31	890	--	0	365
Fuel Ethanol	--	420	--	--	230	237	31	856	--	0	355
Renewable Fuels Except Fuel Ethanol	--	--	--	5	43	-14	0	34	--	0	10
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	--	--	--	129	-388	7	252	2,880
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	8	-571	-1,127	125	-1,815	--	0	5,911
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	-571	-1,127	125	-1,815	--	0	5,911
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	20,237	124	-1,408	905	78	--	28	19,752	8,660
Finished Motor Gasoline	--	--	9,223	--	-654	890	-89	--	1	9,548	1,725
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	9,223	--	-654	890	-89	--	1	9,548	1,725
Finished Aviation Gasoline	--	--	3	--	--	--	0	--	--	3	9
Kerosene-Type Jet Fuel	--	--	1,086	--	688	--	-83	--	--	1,857	639
Kerosene	--	--	--	--	--	--	-1	--	1	0	1
Distillate Fuel Oil	--	--	6,672	56	-516	14	-91	--	--	6,317	4,117
15 ppm sulfur and under	--	--	6,651	56	-516	14	-115	--	--	6,320	3,855
Greater than 15 ppm to 500 ppm sulfur	--	--	39	--	--	--	41	--	--	-2	213
Greater than 500 ppm sulfur	--	--	-18	--	--	--	-17	--	--	-1	49
Residual Fuel Oil ⁶	--	--	331	--	--	--	11	--	14	306	226
Less than 0.31 percent sulfur	--	--	187	--	--	--	2	--	NA	NA	34
0.31 to 1.00 percent sulfur	--	--	18	--	--	--	4	--	NA	NA	8
Greater than 1.00 percent sulfur	--	--	126	--	--	--	5	--	NA	NA	184
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	10	-10	--
Waxes	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	790	--	-308	--	46	--	0	436	129
Marketable	--	--	599	--	-308	--	46	--	0	245	129
Catalyst	--	--	191	--	--	--	--	--	--	191	--
Asphalt and Road Oil	--	--	1,295	67	-618	--	283	--	3	458	1,796
Still Gas	--	--	741	--	--	--	--	--	--	741	--
Miscellaneous Products	--	--	96	1	--	--	2	--	--	95	18
Total	37,593	411	20,321	12,334	-28,221	-2,036	-1,070	19,183	132	22,157	42,378

-- = Not Applicable.
- = No Data Reported.
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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 A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).
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. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).
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 Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.
Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other

Table 19. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January 2018
(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	804	--	--	379	-503	-74	-25	630	1	0
Hydrocarbon Gas Liquids	409	0	3	15	-352	--	-21	23	2	69
Natural Gas Liquids	409	0	4	15	-352	--	-22	23	2	72
Ethane	125	--	--	--	--	--	0	--	--	23
Propane	145	--	8	14	-125	--	-10	--	--	52
Normal Butane	56	--	-4	0	-52	--	-12	15	--	-2
Isobutane	26	--	0	1	-27	--	0	4	--	-5
Natural Gasoline	57	0	--	--	-47	--	0	3	2	5
Refinery Olefins	--	--	-1	--	--	--	1	--	--	-3
Ethylene	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	-1	--	--	--	0	--	--	-1
Butylene	--	--	-1	--	--	--	1	--	--	-2
Isobutylene	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	14	--	0	-10	-21	9	-34	0	8
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	14	--	0	9	15	1	37	--	0
Hydrogen	--	--	--	--	--	8	--	8	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	14	--	0	9	7	1	29	--	0
Fuel Ethanol	--	14	--	--	7	8	1	28	--	0
Renewable Fuels Except Fuel Ethanol	--	--	--	0	1	0	0	1	--	0
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	--	--	--	4	-13	0	8
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	0	-18	-36	4	-59	--	0
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	-18	-36	4	-59	--	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	653	4	-45	29	3	--	1	637
Finished Motor Gasoline	--	--	298	--	-21	29	-3	--	0	308
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	298	--	-21	29	-3	--	0	308
Finished Aviation Gasoline	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	35	--	22	--	-3	--	--	60
Kerosene	--	--	--	--	--	--	0	--	0	0
Distillate Fuel Oil	--	--	215	2	-17	0	-3	--	--	204
15 ppm sulfur and under	--	--	215	2	-17	0	-4	--	--	204
Greater than 15 ppm to 500 ppm sulfur	--	--	1	--	--	--	1	--	--	0
Greater than 500 ppm sulfur	--	--	-1	--	--	--	-1	--	--	0
Residual Fuel Oil ⁶	--	--	11	--	--	--	0	--	0	10
Less than 0.31 percent sulfur	--	--	6	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	1	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	4	--	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	25	--	-10	--	1	--	0	14
Marketable	--	--	19	--	-10	--	1	--	0	8
Catalyst	--	--	6	--	--	--	--	--	--	6
Asphalt and Road Oil	--	--	42	2	-20	--	9	--	0	15
Still Gas	--	--	24	--	--	--	--	--	--	24
Miscellaneous Products	--	--	3	0	--	--	0	--	--	3
Total	1,213	13	656	398	-910	-66	-35	619	4	715

-- = Not Applicable.

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NA = Not Available.

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² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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.

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

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 20. PAD District 4 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-January 2018
(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	804	--	--	379	-503	-74	-25	630	1	0
Hydrocarbon Gas Liquids	409	0	3	15	-352	--	-21	23	2	69
Natural Gas Liquids	409	0	4	15	-352	--	-22	23	2	72
Ethane	125	--	--	--	--	--	0	--	--	23
Propane	145	--	8	14	-125	--	-10	--	--	52
Normal Butane	56	--	-4	0	-52	--	-12	15	--	-2
Isobutane	26	--	0	1	-27	--	0	4	--	-5
Natural Gasoline	57	0	--	--	-47	--	0	3	2	5
Refinery Olefins	--	--	-1	--	--	--	1	--	--	-3
Ethylene	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	-1	--	--	--	0	--	--	-1
Butylene	--	--	-1	--	--	--	1	--	--	-2
Isobutylene	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	14	--	0	-10	-21	9	-34	0	8
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	14	--	0	9	15	1	37	--	0
Hydrogen	--	--	--	--	--	8	--	8	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	14	--	0	9	7	1	29	--	0
Fuel Ethanol	--	14	--	--	7	8	1	28	--	0
Renewable Fuels Except Fuel Ethanol	--	--	--	0	1	0	0	1	--	0
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	--	--	--	4	-13	0	8
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	0	-18	-36	4	-59	--	0
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	-18	-36	4	-59	--	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	653	4	-45	29	3	--	1	637
Finished Motor Gasoline	--	--	298	--	-21	29	-3	--	0	308
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	298	--	-21	29	-3	--	0	308
Finished Aviation Gasoline	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	35	--	22	--	-3	--	--	60
Kerosene	--	--	--	--	--	--	0	--	0	0
Distillate Fuel Oil	--	--	215	2	-17	0	-3	--	--	204
15 ppm sulfur and under	--	--	215	2	-17	0	-4	--	--	204
Greater than 15 ppm to 500 ppm sulfur	--	--	1	--	--	--	1	--	--	0
Greater than 500 ppm sulfur	--	--	-1	--	--	--	-1	--	--	0
Residual Fuel Oil ⁶	--	--	11	--	--	--	0	--	0	10
Less than 0.31 percent sulfur	--	--	6	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	1	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	4	--	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	25	--	-10	--	1	--	0	14
Marketable	--	--	19	--	-10	--	1	--	0	8
Catalyst	--	--	6	--	--	--	--	--	--	6
Asphalt and Road Oil	--	--	42	2	-20	--	9	--	0	15
Still Gas	--	--	24	--	--	--	--	--	--	24
Miscellaneous Products	--	--	3	0	--	--	0	--	--	3
Total	1,213	13	656	398	-910	-66	-35	619	4	715

-- = 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 A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 21. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January 2018
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	30,588	--	--	38,251	4,598	65	-932	74,189	245	0	50,074
Hydrocarbon Gas Liquids	2,092	-15	398	1,241	1,245	--	-702	3,180	1,152	1,331	2,632
Natural Gas Liquids	2,092	-15	-26	1,241	1,245	--	-720	3,180	1,152	925	2,586
Ethane	1	--	--	--	--	--	--	--	0	1	--
Propane	302	--	1,076	808	246	--	-485	--	939	1,978	976
Normal Butane	449	--	-1,174	406	795	--	-253	1,402	213	-886	1,142
Isobutane	326	--	72	27	204	--	28	852	--	-251	444
Natural Gasoline	1,014	-15	--	--	--	--	-10	926	1	82	24
Refinery Olefins	--	--	424	--	--	--	18	--	--	406	46
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	413	--	--	--	16	--	--	397	43
Butylene	--	--	11	--	--	--	2	--	--	9	3
Isobutylene	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	880	--	3,204	11,204	-3,747	1,926	9,600	194	-179	56,769
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	880	--	506	6,081	-536	598	6,323	11	0	4,326
Hydrogen	--	--	--	--	--	1,228	--	1,228	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	1	--	--	1	0	--
Renewable Fuels (including Fuel Ethanol)	--	880	--	506	6,081	-1,765	598	5,095	9	0	4,326
Fuel Ethanol	--	618	--	--	5,813	-1,596	237	4,597	1	0	2,789
Renewable Fuels Except Fuel Ethanol	--	262	--	506	269	-169	361	498	9	0	1,537
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	2,496	--	--	828	1,789	58	-179	20,736
Motor Gasoline Blend Comp. (MGBC)	--	--	--	202	5,123	-3,212	500	1,488	125	0	31,707
Reformulated	--	--	--	--	2,495	-636	-767	2,619	7	0	15,530
Conventional	--	--	--	202	2,628	-2,575	1,267	-1,131	119	0	16,177
Aviation Gasoline Blend Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	92,896	3,753	2,656	4,850	2,350	--	12,183	89,622	37,317
Finished Motor Gasoline	--	--	47,387	47	320	4,808	725	--	1,680	50,157	2,629
Reformulated	--	--	32,798	--	--	954	0	--	--	33,752	16
Conventional	--	--	14,589	47	320	3,854	725	--	1,680	16,405	2,613
Finished Aviation Gasoline	--	--	6	2	--	--	-15	--	--	23	215
Kerosene-Type Jet Fuel	--	--	14,023	1,928	382	--	33	--	805	15,495	10,276
Kerosene	--	--	18	--	--	--	-18	--	4	32	24
Distillate Fuel Oil	--	--	17,586	338	1,346	43	694	--	5,117	13,502	14,766
15 ppm sulfur and under	--	--	16,757	338	1,346	43	594	--	3,743	14,147	13,722
Greater than 15 ppm to 500 ppm sulfur	--	--	384	--	--	--	80	--	676	-372	320
Greater than 500 ppm sulfur	--	--	445	--	--	--	20	--	697	-272	724
Residual Fuel Oil ⁶	--	--	3,734	1,205	--	--	759	--	153	4,027	5,009
Less than 0.31 percent sulfur	--	--	11	--	--	--	19	--	NA	NA	186
0.31 to 1.00 percent sulfur	--	--	749	83	--	--	224	--	NA	NA	744
Greater than 1.00 percent sulfur	--	--	2,974	1,122	--	--	514	--	NA	NA	4,071
Petrochemical Feedstocks	--	--	2	38	--	--	0	--	--	40	2
Naphtha for Petro. Feed. Use	--	--	2	38	--	--	0	--	--	40	2
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	35	--	--	--	11	--	--	24	56
Lubricants	--	--	708	--	--	--	-3	--	362	349	1,012
Waxes	--	--	--	71	--	--	--	--	5	66	--
Petroleum Coke	--	--	4,560	24	76	--	-104	--	3,942	823	1,252
Marketable	--	--	3,471	24	76	--	-104	--	3,942	-266	1,252
Catalyst	--	--	1,089	--	--	--	--	--	--	1,089	--
Asphalt and Road Oil	--	--	698	100	532	--	264	--	45	1,021	1,950
Still Gas	--	--	3,681	--	--	--	--	--	--	3,681	--
Miscellaneous Products	--	--	458	--	--	--	4	--	72	382	126
Total	32,680	865	93,294	46,449	19,703	1,168	2,642	86,969	13,774	90,774	146,792

-- = 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 A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other

Table 22. PAD District 5 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-January 2018
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	30,588	--	--	38,251	4,598	65	-932	74,189	245	0	50,074
Hydrocarbon Gas Liquids	2,092	-15	398	1,241	1,245	--	-702	3,180	1,152	1,331	2,632
Natural Gas Liquids	2,092	-15	-26	1,241	1,245	--	-720	3,180	1,152	925	--
Ethane	1	--	--	--	--	--	--	--	0	1	--
Propane	302	--	1,076	808	246	--	-485	--	939	1,978	--
Normal Butane	449	--	-1,174	406	795	--	-253	1,402	213	-886	--
Isobutane	326	--	72	27	204	--	28	852	--	-251	--
Natural Gasoline	1,014	-15	--	--	--	--	-10	926	1	82	--
Refinery Olefins	--	--	424	--	--	--	18	--	--	406	--
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	413	--	--	--	16	--	--	397	--
Butylene	--	--	11	--	--	--	2	--	--	9	--
Isobutylene	--	--	--	--	--	--	0	--	--	0	--
Other Liquids	--	880	--	3,204	11,204	-3,747	1,926	9,600	194	-179	56,769
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	880	--	506	6,081	-536	598	6,323	11	0	4,326
Hydrogen	--	--	--	--	--	1,228	--	1,228	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	1	--	--	1	0	--
Renewable Fuels (including Fuel Ethanol)	--	880	--	506	6,081	-1,765	598	5,095	9	0	4,326
Fuel Ethanol	--	618	--	--	5,813	-1,596	237	4,597	1	0	2,789
Renewable Fuels Except Fuel Ethanol	--	262	--	506	269	-169	361	498	9	0	1,537
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	2,496	--	--	828	1,789	58	-179	20,736
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	202	5,123	-3,212	500	1,488	125	0	31,707
Reformulated	--	--	--	--	2,495	-636	-767	2,619	7	0	15,530
Conventional	--	--	--	202	2,628	-2,575	1,267	-1,131	119	0	16,177
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	92,896	3,753	2,656	4,850	2,350	--	12,183	89,622	37,317
Finished Motor Gasoline	--	--	47,387	47	320	4,808	725	--	1,680	50,157	2,629
Reformulated	--	--	32,798	--	--	954	0	--	--	33,752	16
Conventional	--	--	14,589	47	320	3,854	725	--	1,680	16,405	2,613
Finished Aviation Gasoline	--	--	6	2	--	--	-15	--	--	23	215
Kerosene-Type Jet Fuel	--	--	14,023	1,928	382	--	33	--	805	15,495	10,276
Kerosene	--	--	18	--	--	--	-18	--	4	32	24
Distillate Fuel Oil	--	--	17,586	338	1,346	43	694	--	5,117	13,502	14,766
15 ppm sulfur and under	--	--	16,757	338	1,346	43	594	--	3,743	14,147	13,722
Greater than 15 ppm to 500 ppm sulfur	--	--	384	--	--	--	80	--	676	-372	320
Greater than 500 ppm sulfur	--	--	445	--	--	--	20	--	697	-272	724
Residual Fuel Oil ⁶	--	--	3,734	1,205	--	--	759	--	153	4,027	5,009
Less than 0.31 percent sulfur	--	--	11	--	--	--	19	--	NA	NA	186
0.31 to 1.00 percent sulfur	--	--	749	83	--	--	224	--	NA	NA	744
Greater than 1.00 percent sulfur	--	--	2,974	1,122	--	--	514	--	NA	NA	4,071
Petrochemical Feedstocks	--	--	2	38	--	--	0	--	--	40	2
Naphtha for Petro. Feed. Use	--	--	2	38	--	--	0	--	--	40	2
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	35	--	--	--	11	--	--	24	56
Lubricants	--	--	708	--	--	--	-3	--	362	349	1,012
Waxes	--	--	--	71	--	--	--	--	5	66	--
Petroleum Coke	--	--	4,560	24	76	--	-104	--	3,942	823	1,252
Marketable	--	--	3,471	24	76	--	-104	--	3,942	-266	1,252
Catalyst	--	--	1,089	--	--	--	--	--	--	1,089	--
Asphalt and Road Oil	--	--	698	100	532	--	264	--	45	1,021	1,950
Still Gas	--	--	3,681	--	--	--	--	--	--	3,681	--
Miscellaneous Products	--	--	458	--	--	--	4	--	72	382	126
Total	32,680	865	93,294	46,449	19,703	1,168	2,642	86,969	13,774	90,774	146,792

-- = 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 A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).
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.
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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 Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.
Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other

Table 23. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January 2018
(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	987	--	--	1,234	148	2	-30	2,393	8	0
Hydrocarbon Gas Liquids	67	0	13	40	40	--	-23	103	37	43
Natural Gas Liquids	67	0	-1	40	40	--	-23	103	37	30
Ethane	0	--	--	--	--	--	--	--	0	0
Propane	10	--	35	26	8	--	-16	--	30	64
Normal Butane	14	--	-38	13	26	--	-8	45	7	-29
Isobutane	11	--	2	1	7	--	1	27	--	-8
Natural Gasoline	33	0	--	--	--	--	0	30	0	3
Refinery Olefins	--	--	14	--	--	--	1	--	--	13
Ethylene	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	13	--	--	--	1	--	--	13
Butylene	--	--	0	--	--	--	0	--	--	0
Isobutylene	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	28	--	103	361	-121	62	310	6	-6
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	28	--	16	196	-17	19	204	0	0
Hydrogen	--	--	--	--	--	40	--	40	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	28	--	16	196	-57	19	164	0	0
Fuel Ethanol	--	20	--	--	188	-51	8	148	0	0
Renewable Fuels Except Fuel Ethanol	--	8	--	16	9	-5	12	16	0	0
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	81	--	--	27	58	2	-6
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	7	165	-104	16	48	4	0
Reformulated	--	--	--	--	80	-21	-25	84	0	0
Conventional	--	--	--	7	85	-83	41	-36	4	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	2,997	121	86	156	76	--	393	2,891
Finished Motor Gasoline	--	--	1,529	2	10	155	23	--	54	1,618
Reformulated	--	--	1,058	--	--	31	0	--	--	1,089
Conventional	--	--	471	2	10	124	23	--	54	529
Finished Aviation Gasoline	--	--	0	0	--	--	0	--	--	1
Kerosene-Type Jet Fuel	--	--	452	62	12	--	1	--	26	500
Kerosene	--	--	1	--	--	--	-1	--	0	1
Distillate Fuel Oil	--	--	567	11	43	1	22	--	165	436
15 ppm sulfur and under	--	--	541	11	43	1	19	--	121	456
Greater than 15 ppm to 500 ppm sulfur	--	--	12	--	--	--	3	--	22	-12
Greater than 500 ppm sulfur	--	--	14	--	--	--	1	--	22	-9
Residual Fuel Oil ⁶	--	--	120	39	--	--	24	--	5	130
Less than 0.31 percent sulfur	--	--	0	--	--	--	1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	24	3	--	--	7	--	NA	NA
Greater than 1.00 percent sulfur	--	--	96	36	--	--	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	--	--	1
Lubricants	--	--	23	--	--	--	0	--	12	11
Waxes	--	--	--	2	--	--	--	--	0	2
Petroleum Coke	--	--	147	1	2	--	-3	--	127	27
Marketable	--	--	112	1	2	--	-3	--	127	-9
Catalyst	--	--	35	--	--	--	--	--	--	35
Asphalt and Road Oil	--	--	23	3	17	--	9	--	1	33
Still Gas	--	--	119	--	--	--	--	--	--	119
Miscellaneous Products	--	--	15	--	--	--	0	--	2	12
Total	1,054	28	3,009	1,498	636	38	85	2,805	444	2,928

-- = 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 A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 24. PAD District 5 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-January 2018
(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	987	--	--	1,234	148	2	-30	2,393	8	0
Hydrocarbon Gas Liquids	67	0	13	40	40	--	-23	103	37	43
Natural Gas Liquids	67	0	-1	40	40	--	-23	103	37	30
Ethane	0	--	--	--	--	--	--	--	0	0
Propane	10	--	35	26	8	--	-16	--	30	64
Normal Butane	14	--	-38	13	26	--	-8	45	7	-29
Isobutane	11	--	2	1	7	--	1	27	--	-8
Natural Gasoline	33	0	--	--	--	--	0	30	0	3
Refinery Olefins	--	--	14	--	--	--	1	--	--	13
Ethylene	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	13	--	--	--	1	--	--	13
Butylene	--	--	0	--	--	--	0	--	--	0
Isobutylene	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	28	--	103	361	-121	62	310	6	-6
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	28	--	16	196	-17	19	204	0	0
Hydrogen	--	--	--	--	--	40	--	40	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	28	--	16	196	-57	19	164	0	0
Fuel Ethanol	--	20	--	--	188	-51	8	148	0	0
Renewable Fuels Except Fuel Ethanol	--	8	--	16	9	-5	12	16	0	0
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	81	--	--	27	58	2	-6
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	7	165	-104	16	48	4	0
Reformulated	--	--	--	--	80	-21	-25	84	0	0
Conventional	--	--	--	7	85	-83	41	-36	4	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	2,997	121	86	156	76	--	393	2,891
Finished Motor Gasoline	--	--	1,529	2	10	155	23	--	54	1,618
Reformulated	--	--	1,058	--	--	31	0	--	--	1,089
Conventional	--	--	471	2	10	124	23	--	54	529
Finished Aviation Gasoline	--	--	0	0	--	--	0	--	--	1
Kerosene-Type Jet Fuel	--	--	452	62	12	--	1	--	26	500
Kerosene	--	--	1	--	--	--	-1	--	0	1
Distillate Fuel Oil	--	--	567	11	43	1	22	--	165	436
15 ppm sulfur and under	--	--	541	11	43	1	19	--	121	456
Greater than 15 ppm to 500 ppm sulfur	--	--	12	--	--	--	3	--	22	-12
Greater than 500 ppm sulfur	--	--	14	--	--	--	1	--	22	-9
Residual Fuel Oil ⁶	--	--	120	39	--	--	24	--	5	130
Less than 0.31 percent sulfur	--	--	0	--	--	--	1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	24	3	--	--	7	--	NA	NA
Greater than 1.00 percent sulfur	--	--	96	36	--	--	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	--	--	1
Lubricants	--	--	23	--	--	--	0	--	12	11
Waxes	--	--	--	2	--	--	--	--	0	2
Petroleum Coke	--	--	147	1	2	--	-3	--	127	27
Marketable	--	--	112	1	2	--	-3	--	127	-9
Catalyst	--	--	35	--	--	--	--	--	--	35
Asphalt and Road Oil	--	--	23	3	17	--	9	--	1	33
Still Gas	--	--	119	--	--	--	--	--	--	119
Miscellaneous Products	--	--	15	--	--	--	0	--	2	12
Total	1,054	28	3,009	1,498	636	38	85	2,805	444	2,928

-- = 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 A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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

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

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 25. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, January 2018
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Supply							
Field Production	1,557	58,105	193,713	24,912	30,588	308,877	9,964
Alaskan	--	--	--	--	--	15,739	508
Lower 48 States	--	--	--	--	--	293,138	9,456
Imports (PAD District of Entry)	30,292	87,325	80,772	11,744	38,251	248,384	8,012
Commercial	30,292	87,325	80,772	11,744	38,251	248,384	8,012
Strategic Petroleum Reserve (SPR)	--	--	--	--	--	--	--
Net Receipts	4,548	-28,356	34,800	-15,589	4,598	--	--
Adjustments ¹	-309	-10,468	12,085	-2,289	65	-917	-30
Disposition							
Stock Change ²	2,219	-13,495	13,176	-788	-932	180	6
Commercial	--	--	11,773	--	--	-1,223	-39
SPR	--	--	1,403	--	--	1,403	45
Refinery Inputs	33,107	115,808	271,944	19,528	74,189	514,576	16,599
Exports	762	4,293	36,250	38	245	41,587	1,342
Ending Stocks							
Total	13,698	118,248	880,542	21,574	50,074	1,084,136	--
Commercial	13,698	118,248	216,308	21,574	50,074	419,902	--
Refinery	11,565	13,476	47,257	2,604	22,541	97,443	--
Tank Farms and Pipelines	2,133	104,772	169,051	18,970	21,845	316,771	--
Cushing, Oklahoma	--	36,342	--	--	--	36,342	--
Lease	--	--	--	--	--	--	--
Alaskan Crude Oil In-Transit by Water	--	--	--	--	5,688	5,688	--
SPR	--	--	664,234	--	--	664,234	--
SPR Stocks							
Percent of Total Crude Oil Stocks (Percent)	--	--	--	--	--	61.3	--
Percent of Total Petroleum Stocks (Percent)	--	--	--	--	--	35.3	--
Days of Total Petroleum Net Imports (Days)	--	--	--	--	--	182	--
SPR Receipts Detail							
Receipts	--	--	--	--	--	--	--
Domestic	--	--	--	--	--	--	--
Imports	--	--	--	--	--	--	--
Imported by SPR	--	--	--	--	--	--	--
Imported for SPR by Others	--	--	--	--	--	--	--
Imports							
PAD District of Entry	30,292	87,325	80,772	11,744	38,251	248,384	8,012
PAD District of Processing	31,922	79,950	88,131	9,428	38,953	248,384	8,012

-- = 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. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

Notes: Totals may not equal the sum of components due to independent rounding. Values of Domestic Crude Oil Field Production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," and EIA-817, "Monthly Tanker and Barge Movements Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 26. Production of Crude Oil by PAD District and State, January 2018
(Thousand Barrels)

PAD District and State	January 2018		January-January 2018	
	Total	Daily Average	Total	Daily Average
PAD District 1	1,557	50	1,557	50
Florida	164	5	164	5
New York	19	1	19	1
Pennsylvania	494	16	494	16
Virginia	0	0	0	0
West Virginia	880	28	880	28
PAD District 2	58,105	1,874	58,105	1,874
Illinois	599	19	599	19
Indiana	120	4	120	4
Kansas	2,869	93	2,869	93
Kentucky	63	2	63	2
Michigan	463	15	463	15
Missouri	8	0	8	0
Nebraska	179	6	179	6
North Dakota	35,838	1,156	35,838	1,156
Ohio	1,542	50	1,542	50
Oklahoma	16,296	526	16,296	526
South Dakota	113	4	113	4
Tennessee	16	1	16	1
PAD District 3	193,713	6,249	193,713	6,249
Alabama	510	16	510	16
Arkansas	422	14	422	14
Louisiana	3,749	121	3,749	121
Mississippi	1,395	45	1,395	45
New Mexico	16,748	540	16,748	540
Texas	120,551	3,889	120,551	3,889
Federal Offshore PAD District 3	50,338	1,624	50,338	1,624
PAD District 4	24,912	804	24,912	804
Colorado	13,282	428	13,282	428
Idaho	4	0	4	0
Montana	1,725	56	1,725	56
Utah	3,056	99	3,056	99
Wyoming	6,846	221	6,846	221
PAD District 5	30,588	987	30,588	987
Alaska	15,739	508	15,739	508
South Alaska	491	16	491	16
North Slope	15,248	492	15,248	492
Arizona	1	0	1	0
California	14,361	463	14,361	463
Nevada	24	1	24	1
Federal Offshore PAD District 5	463	15	463	15
U.S. Total	308,877	9,964	308,877	9,964

– = No Data Reported.

Note: Year-to-date totals include revised monthly production estimates by state published in Petroleum Navigator. Crude oil production quantities are estimated by state and summed to the PADD and the U.S. level. State production estimates reported by EIA are normally different from data reported by state agencies. For example, production estimates for Texas reported on table 26 are different from production reported by the Railroad Commission of Texas. See EIA "Today In Energy" article released on July 10, 2015 (<http://www.eia.gov/todayinenergy/detail.cfm?id=22012>) for an explanation of differences in production data for Texas. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," state government agencies, U.S. Department of the Interior, and the Bureau of Ocean Energy Management.

Table 27. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, January 2018
(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
Hydrocarbon Gas Liquids	12	14,015	14,027	6,213	6,993	14,102	27,308
Natural Gas Liquids	12	14,015	14,027	6,213	6,993	14,102	27,308
Ethane	-	6,312	6,312	2,303	1,691	5,459	9,453
Propane	3	4,479	4,482	2,456	2,787	4,766	10,009
Normal Butane	9	1,320	1,329	626	1,225	1,636	3,487
Isobutane	-	670	670	415	302	776	1,493
Natural Gasoline	-	1,234	1,234	413	988	1,465	2,866

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			
Hydrocarbon Gas Liquids	45,038	5,575	5,080	994	5,769	62,456	12,681	2,092	118,564
Natural Gas Liquids	45,038	5,575	5,080	994	5,769	62,456	12,681	2,092	118,564
Ethane	19,087	2,862	2,035	409	2,432	26,825	3,873	1	46,464
Propane	13,921	1,502	1,639	215	1,859	19,136	4,503	302	38,432
Normal Butane	4,726	-3,409	562	89	495	2,463	1,729	449	9,457
Isobutane	2,812	4,220	332	78	433	7,875	802	326	11,166
Natural Gasoline	4,492	400	512	203	550	6,157	1,774	1,014	13,045

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
Hydrocarbon Gas Liquids	5	224	229	648	121	466	1,235
Natural Gas Liquids	5	224	229	648	121	466	1,235
Ethane	-	-	-	93	1	113	207
Propane	2	105	107	312	52	134	498
Normal Butane	3	38	41	82	23	97	202
Isobutane	-	15	15	99	4	46	149
Natural Gasoline	-	66	66	62	41	76	179

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			
Hydrocarbon Gas Liquids	183	2,803	303	28	-	3,317	141	202	5,124
Natural Gas Liquids	183	2,803	303	28	-	3,317	141	202	5,124
Ethane	31	1,467	-	-	-	1,498	2	-	1,707
Propane	27	923	19	18	-	987	62	37	1,691
Normal Butane	64	209	142	6	-	421	26	142	832
Isobutane	35	192	71	-	-	298	12	7	481
Natural Gasoline	26	12	71	4	-	113	39	16	413

- = 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, January 2018
(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	30,208	2,899	33,107	73,295	17,072	25,441	115,808
Hydrocarbon Gas Liquids	1,621	2	1,623	2,635	107	1,055	3,797
Natural Gas Liquids	1,621	2	1,623	2,635	107	1,055	3,797
Normal Butane	1,074	2	1,076	1,218	37	362	1,617
Isobutane	410	-	410	936	63	310	1,309
Natural Gasoline	137	-	137	481	7	383	871
Other Liquids	70,324	5,726	76,050	6,742	1,666	987	9,395
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	9,314	712	10,026	5,617	1,442	1,712	8,771
Hydrogen	98	3	101	731	305	202	1,238
Oxygenates (excluding Fuel Ethanol)	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE)	-	-	-	-	-	-	-
All Other Oxygenates ¹	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol)	9,216	709	9,925	4,854	1,137	1,510	7,501
Fuel Ethanol	8,933	663	9,596	4,603	1,101	1,467	7,171
Renewable Diesel Fuel	283	46	329	251	36	43	330
Other Renewable Fuels	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	32	-	-	32
Unfinished Oils (net)	1,582	1	1,583	-252	-210	-41	-503
Naphthas and Lighter	545	-8	537	559	-103	98	554
Kerosene and Light Gas Oils	160	-	160	57	-83	-63	-89
Heavy Gas Oils	682	21	703	-223	-36	112	-147
Residuum	195	-12	183	-645	12	-188	-821
Motor Gasoline Blend.Comp. (MGBC)(net)	59,428	5,013	64,441	1,377	434	-684	1,127
Reformulated - RBOB	15,793	108	15,901	-1,208	888	844	524
Conventional	43,635	4,905	48,540	2,585	-454	-1,528	603
CBOB	38,123	4,891	43,014	3,884	-69	-1,634	2,181
GTAB	1,695	-	1,695	-	-	-	-
Other	3,817	14	3,831	-1,299	-385	106	-1,578
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	102,153	8,627	110,780	82,672	18,845	27,483	129,000

See footnotes at end of table.

Table 28. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, January 2018
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	20,627	138,408	102,611	6,047	4,251	271,944	19,528	74,189	514,576
Hydrocarbon Gas Liquids	461	4,926	4,554	60	192	10,193	715	3,180	19,508
Natural Gas Liquids	461	4,926	4,554	60	192	10,193	715	3,180	19,508
Normal Butane	230	1,922	2,101	24	6	4,283	475	1,402	8,853
Isobutane	74	1,445	1,419	34	186	3,158	133	852	5,862
Natural Gasoline	157	1,559	1,034	2	-	2,752	107	926	4,793
Other Liquids	8,015	-41,355	-29,341	6,800	-711	-56,592	-1,060	9,600	37,393
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	1,989	2,824	2,130	1,038	232	8,213	1,143	6,323	34,476
Hydrogen	26	1,955	1,631	72	44	3,728	253	1,228	6,548
Oxygenates (excluding Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE)	-	-	-	-	-	-	-	-	-
All Other Oxygenates ¹	-	-	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol)	1,963	869	499	966	188	4,485	890	5,095	27,896
Fuel Ethanol	1,894	790	433	932	164	4,213	856	4,597	26,433
Renewable Diesel Fuel	69	79	66	34	24	272	34	495	1,460
Other Renewable Fuels	-	-	-	-	-	-	-	3	3
Other Hydrocarbons	-	-	-	-	-	-	-	-	32
Unfinished Oils (net)	-494	-2,487	7,147	-174	-27	3,965	-388	1,789	6,446
Naphthas and Lighter	-646	-5,855	-259	-22	6	-6,776	-88	-42	-5,815
Kerosene and Light Gas Oils	-16	-1,164	1,007	-71	0	-244	-330	-548	-1,051
Heavy Gas Oils	236	4,077	4,982	-36	-33	9,226	160	2,587	12,529
Residuum	-68	455	1,417	-45	-	1,759	-130	-208	783
Motor Gasoline Blend.Comp. (MGBC)(net)	6,514	-41,692	-38,618	5,936	-916	-68,776	-1,815	1,488	-3,535
Reformulated - RBOB	5,377	-8,906	-2,416	-	-924	-6,869	-	2,619	12,175
Conventional	1,137	-32,786	-36,202	5,936	8	-61,907	-1,815	-1,131	-15,710
CBOB	1,455	-33,465	-34,295	5,977	109	-60,219	-1,733	-182	-16,939
GTAB	-	-	-	-	-	-	-	-	1,695
Other	-318	679	-1,907	-41	-101	-1,688	-82	-949	-466
Aviation Gasoline Blend. Comp. (net)	6	-	-	-	-	6	-	-	6
Total Input	29,103	101,979	77,824	12,907	3,732	225,545	19,183	86,969	571,477

- = 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, January 2018
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	761	-29	732	1,106	-112	-231	763
Natural Gas Liquids	363	-29	334	246	-306	-484	-544
Ethane	-	-	-	-	-	-	-
Propane	571	26	597	1,552	281	424	2,257
Normal Butane	-182	-37	-219	-1,225	-545	-823	-2,593
Isobutane	-26	-18	-44	-81	-42	-85	-208
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	398	-	398	860	194	253	1,307
Ethylene	5	-	5	-	-	-	-
Propylene	405	-	405	886	194	253	1,333
Butylene	-47	-	-47	-26	-	-	-26
Isobutylene	35	-	35	-	-	-	-
Finished Motor Gasoline	85,863	6,874	92,737	49,482	10,532	15,568	75,582
Reformulated	37,930	120	38,050	8,278	1,570	1,141	10,989
Reformulated Blended with Fuel Ethanol	37,930	120	38,050	8,278	1,570	1,141	10,989
Reformulated Other	-	-	-	-	-	-	-
Conventional	47,933	6,754	54,687	41,204	8,962	14,427	64,593
Conventional Blended with Fuel Ethanol	51,297	6,507	57,804	37,209	9,266	13,185	59,660
Ed55 and Lower	51,262	6,507	57,769	37,199	9,242	13,122	59,563
Greater than Ed55	35	-	35	10	24	63	97
Conventional Other	-3,364	247	-3,117	3,995	-304	1,242	4,933
Finished Aviation Gasoline	-	-	-	-	21	-	21
Kerosene-Type Jet Fuel	2,946	-	2,946	5,920	813	719	7,452
Kerosene	296	-	296	253	0	32	285
Distillate Fuel Oil	9,381	806	10,187	19,258	5,674	9,958	34,890
15 ppm sulfur and under	6,948	684	7,632	19,157	5,544	9,955	34,656
Greater than 15 ppm to 500 ppm sulfur	84	88	172	-20	123	84	187
Greater than 500 ppm sulfur	2,349	34	2,383	121	7	-81	47
Residual Fuel Oil	1,353	3	1,356	1,094	205	92	1,391
Less than 0.31 percent sulfur	195	3	198	-	-	-	-
0.31 to 1.00 percent sulfur	414	-	414	182	78	-	260
Greater than 1.00 percent sulfur	744	-	744	912	127	92	1,131
Petrochemical Feedstocks	78	-	78	837	-	12	849
Naphtha for Petro. Feed. Use	78	-	78	578	-	-	578
Other Oils for Petro. Feed. Use	-	-	-	259	-	12	271
Special Naphthas	-	20	20	40	-	17	57
Lubricants	219	181	400	-	-	241	241
Waxes	-	-5	-5	-	-	42	42
Petroleum Coke	1,147	21	1,168	3,811	939	899	5,649
Marketable	449	-	449	2,762	759	680	4,201
Catalyst	698	21	719	1,049	180	219	1,448
Asphalt and Road Oil	300	674	974	2,368	1,323	352	4,043
Still Gas	1,420	65	1,485	2,616	675	1,066	4,357
Miscellaneous Products	71	30	101	294	127	60	481
Total	103,835	8,640	112,475	87,079	20,197	28,827	136,103
Processing Gain(-) or Loss(+) ¹	-1,682	-13	-1,695	-4,407	-1,352	-1,344	-7,103

See footnotes at end of table.

Table 29. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, January 2018
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	253	4,739	5,255	-6	8	10,249	84	398	12,226
Natural Gas Liquids	-187	948	2,228	-37	8	2,960	130	-26	2,854
Ethane	1	106	32	-	-	139	-	-	139
Propane	272	2,348	2,311	10	55	4,996	235	1,076	9,161
Normal Butane	-336	-914	-359	-47	-50	-1,706	-109	-1,174	-5,801
Isobutane	-124	-592	244	-	3	-469	4	72	-645
Natural Gasoline	-	-	-	-	-	-	-	-	-
Refinery Olefins	440	3,791	3,027	31	-	7,289	-46	424	9,372
Ethylene	-	-	-	-	-	-	-	-	5
Propylene	442	3,860	2,964	31	-	7,297	-17	413	9,431
Butylene	-2	-35	63	-	-	26	-29	11	-65
Isobutylene	-	-34	-	-	-	-34	-	-	1
Finished Motor Gasoline	19,833	24,875	15,088	8,562	1,804	70,162	9,223	47,387	295,091
Reformulated	7,421	6,190	-	-	-	13,611	-	32,798	95,448
Reformulated Blended with Fuel Ethanol	7,421	6,190	-	-	-	13,611	-	32,798	95,448
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	12,412	18,685	15,088	8,562	1,804	56,551	9,223	14,589	199,643
Conventional Blended with Fuel Ethanol	11,211	1,573	4,260	9,206	1,643	27,893	8,573	13,045	166,975
Ed55 and Lower	11,196	1,573	4,260	9,194	1,643	27,866	8,562	13,042	166,802
Greater than Ed55	15	-	-	12	-	27	11	3	173
Conventional Other	1,201	17,112	10,828	-644	161	28,658	650	1,544	32,668
Finished Aviation Gasoline	67	62	22	-	-	151	3	6	181
Kerosene-Type Jet Fuel	1,468	12,525	12,752	127	-	26,872	1,086	14,023	52,379
Kerosene	-6	-1	-19	26	-	0	-	18	599
Distillate Fuel Oil	6,037	42,713	33,375	2,115	1,732	85,972	6,672	17,586	155,307
15 ppm sulfur and under	6,114	40,814	26,501	1,965	1,732	77,126	6,651	16,757	142,822
Greater than 15 ppm to 500 ppm sulfur	-77	301	2,861	66	-	3,151	39	384	3,933
Greater than 500 ppm sulfur	-	1,598	4,013	84	-	5,695	-18	445	8,552
Residual Fuel Oil	254	3,178	4,223	-61	73	7,667	331	3,734	14,479
Less than 0.31 percent sulfur	203	194	1,058	-	-	1,455	187	11	1,851
0.31 to 1.00 percent sulfur	-	182	536	-61	18	675	18	749	2,116
Greater than 1.00 percent sulfur	51	2,802	2,629	-	55	5,537	126	2,974	10,512
Petrochemical Feedstocks	127	5,504	2,248	16	-	7,895	-	2	8,824
Naphtha for Petro. Feed. Use	120	4,461	1,114	16	-	5,711	-	2	6,369
Other Oils for Petro. Feed. Use	7	1,043	1,134	-	-	2,184	-	-	2,455
Special Naphthas	77	711	-	224	-	1,012	-	35	1,124
Lubricants	23	1,779	1,755	732	-	4,289	-	708	5,638
Waxes	-	49	19	11	-	79	-	-	116
Petroleum Coke	471	8,903	5,731	147	41	15,293	790	4,560	27,460
Marketable	215	6,782	4,406	135	-	11,538	599	3,471	20,258
Catalyst	256	2,121	1,325	12	41	3,755	191	1,089	7,202
Asphalt and Road Oil	266	322	478	764	55	1,885	1,295	698	8,895
Still Gas	833	5,542	4,278	154	79	10,886	741	3,681	21,150
Miscellaneous Products	99	959	577	18	42	1,695	96	458	2,831
Total	29,802	111,860	85,782	12,829	3,834	244,107	20,321	93,294	606,300
Processing Gain(-) or Loss(+) ¹	-699	-9,881	-7,958	78	-102	-18,562	-1,138	-6,325	-34,823

- = No Data Reported.

¹ Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

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

Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, January 2018
(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	30,208	2,899	33,107	73,295	17,072	25,441	115,808
Hydrocarbon Gas Liquids	992	-	992	2,535	63	724	3,322
Natural Gas Liquids	992	-	992	2,535	63	724	3,322
Normal Butane	582	-	582	1,118	-	118	1,236
Isobutane	410	-	410	936	63	310	1,309
Natural Gasoline	-	-	-	481	-	296	777
Other Liquids	-14,404	94	-14,310	-35,762	-7,052	-11,774	-54,588
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	164	117	281	1,021	459	302	1,782
Hydrogen	98	3	101	731	305	202	1,238
Oxygenates (excluding Fuel Ethanol)	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE)	-	-	-	-	-	-	-
All Other Oxygenates ¹	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol)	66	114	180	258	154	100	512
Fuel Ethanol	66	102	168	154	140	94	388
Renewable Diesel Fuel	-	12	12	104	14	6	124
Other Renewable Fuels	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	32	-	-	32
Unfinished Oils (net)	1,577	1	1,578	-260	-210	-41	-511
Naphthas and Lighter	545	-8	537	559	-103	98	554
Kerosene and Light Gas Oils	160	-	160	57	-83	-63	-89
Heavy Gas Oils	677	21	698	-223	-36	112	-147
Residuum	195	-12	183	-653	12	-188	-829
Motor Gasoline Blend.Comp. (MGBC)(net)	-16,145	-24	-16,169	-36,523	-7,301	-12,035	-55,859
Reformulated - RBOB	-8,988	-	-8,988	-8,418	-525	-173	-9,116
Conventional	-7,157	-24	-7,181	-28,105	-6,776	-11,862	-46,743
CBOB	-5,627	-38	-5,665	-26,804	-6,391	-11,968	-45,163
GTAB	-	-	-	-	-	-	-
Other	-1,530	14	-1,516	-1,301	-385	106	-1,580
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	16,796	2,993	19,789	40,068	10,083	14,391	64,542
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	974	94	1,069	2,349	551	821	3,722
Operable Capacity (daily average)	1,125	98	1,224	2,640	540	890	4,071
Operable Utilization Rate (percent) ²	86.6	96.1	87.4	89.0	102.1	92.3	91.4
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	175	15	190	435	79	158	672
Catalytic Cracking	378	17	395	699	152	202	1,053
Catalytic Hydrocracking	39	-	39	179	57	64	301
Delayed and Fluid Coking	54	-	54	307	71	84	462
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.71	1.72	0.79	1.54	1.90	0.81	1.43
API Gravity, Weighted Average (degrees)	34.96	31.90	34.71	32.53	28.32	37.81	33.01
Operable Capacity (daily average)	1,125	98	1,224	2,640	540	890	4,071
Operating	1,125	98	1,224	2,618	540	890	4,049
Idle	-	-	-	22	-	-	22
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, January 2018
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	20,627	138,408	102,611	6,047	4,251	271,944	19,528	74,189	514,576
Hydrocarbon Gas Liquids	422	4,331	4,363	36	192	9,344	630	3,159	17,447
Natural Gas Liquids	422	4,331	4,363	36	192	9,344	630	3,159	17,447
Normal Butane	205	1,564	1,910	—	6	3,685	408	1,381	7,292
Isobutane	74	1,445	1,419	34	186	3,158	132	852	5,861
Natural Gasoline	143	1,322	1,034	2	—	2,501	90	926	4,294
Other Liquids	-8,580	-52,108	-31,660	-1,498	-1,775	-95,621	-5,469	-34,271	-204,259
Hydrogen/Oxygenates/Renewables/									
Other Hydrocarbons	235	2,012	1,860	115	111	4,333	549	1,465	8,410
Hydrogen	26	1,955	1,631	72	44	3,728	253	1,228	6,548
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	209	57	229	43	67	605	296	237	1,830
Fuel Ethanol	192	43	163	20	57	475	273	84	1,388
Renewable Diesel Fuel	17	14	66	23	10	130	23	153	442
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	32
Unfinished Oils (net)	-494	-2,487	7,149	-174	-27	3,967	-388	1,789	6,435
Naphthas and Lighter	-646	-5,855	-259	-22	6	-6,776	-88	-42	-5,815
Kerosene and Light Gas Oils	-16	-1,164	995	-71	0	-256	-330	-548	-1,063
Heavy Gas Oils	236	4,077	4,996	-36	-33	9,240	160	2,587	12,538
Residuum	-68	455	1,417	-45	—	1,759	-130	-208	775
Motor Gasoline Blend.Comp. (MGBC)(net)	-8,327	-51,633	-40,669	-1,439	-1,859	-103,927	-5,630	-37,525	-219,110
Reformulated - RBOB	-1,289	-13,344	-2,416	—	-924	-17,973	—	-26,387	-62,464
Conventional	-7,038	-38,289	-38,253	-1,439	-935	-85,954	-5,630	-11,138	-156,646
CBOB	-6,720	-32,997	-35,541	-1,391	-830	-77,479	-5,544	-10,189	-144,040
GTAB	—	—	—	—	—	—	—	—	—
Other	-318	-5,292	-2,712	-48	-105	-8,475	-86	-949	-12,606
Aviation Gasoline Blend. Comp. (net)	6	—	—	—	—	6	—	—	6
Total Input to Refineries	12,469	90,631	75,314	4,585	2,668	185,667	14,689	43,077	327,764
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	665	4,529	3,432	178	137	8,942	627	2,558	16,918
Operable Capacity (daily average)	747	4,955	3,658	256	137	9,752	683	2,838	18,567
Operable Utilization Rate (percent) ²	89.0	91.4	93.8	69.5	100.4	91.7	91.9	90.1	91.1
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	145	593	566	27	30	1,361	91	368	2,682
Catalytic Cracking	176	1,315	1,010	15	35	2,551	152	692	4,843
Catalytic Hydrocracking	47	485	442	13	17	1,004	27	486	1,856
Delayed and Fluid Coking	28	760	509	24	—	1,321	66	467	2,370
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.62	1.55	1.42	1.81	0.69	1.42	1.44	1.38	1.37
API Gravity, Weighted Average (degrees)	39.28	32.51	32.01	30.46	40.02	32.93	32.78	27.75	32.29
Operable Capacity (daily average)	747	4,955	3,658	256	137	9,752	683	2,838	18,567
Operating	747	4,955	3,658	256	137	9,752	673	2,838	18,535
Idle	—	—	—	—	—	—	10	—	32
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	15,414	15,414

— = 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, January 2018
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	761	-29	732	1,106	-112	-231	763
Natural Gas Liquids	363	-29	334	246	-306	-484	-544
Ethane	-	-	-	-	-	-	-
Propane	571	26	597	1,552	281	424	2,257
Normal Butane	-182	-37	-219	-1,225	-545	-823	-2,593
Isobutane	-26	-18	-44	-81	-42	-85	-208
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	398	-	398	860	194	253	1,307
Ethylene	5	-	5	-	-	-	-
Propylene	405	-	405	886	194	253	1,333
Butylene	-47	-	-47	-26	-	-	-26
Isobutylene	35	-	35	-	-	-	-
Finished Motor Gasoline	663	1,275	1,938	7,024	1,791	2,513	11,328
Reformulated	663	-	663	-	-	-	-
Reformulated Blended with Fuel Ethanol	663	-	663	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-
Conventional	-	1,275	1,275	7,024	1,791	2,513	11,328
Conventional Blended with Fuel Ethanol	-	1,019	1,019	1,564	1,350	953	3,867
Ed55 and Lower	-	1,019	1,019	1,564	1,350	953	3,867
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	-	256	256	5,460	441	1,560	7,461
Finished Aviation Gasoline	-	-	-	-	21	-	21
Kerosene-Type Jet Fuel	2,948	-	2,948	5,967	813	719	7,499
Kerosene	327	-	327	255	-	32	287
Distillate Fuel Oil	9,128	771	9,899	19,067	5,653	9,921	34,641
15 ppm sulfur and under	6,927	649	7,576	18,966	5,523	9,918	34,407
Greater than 15 ppm to 500 ppm sulfur	-6	88	82	-20	123	-5	98
Greater than 500 ppm sulfur	2,207	34	2,241	121	7	8	136
Residual Fuel Oil	1,418	3	1,421	1,094	205	92	1,391
Less than 0.31 percent sulfur	279	3	282	-	-	-	-
0.31 to 1.00 percent sulfur	407	-	407	182	78	-	260
Greater than 1.00 percent sulfur	732	-	732	912	127	92	1,131
Petrochemical Feedstocks	78	-	78	837	-	12	849
Naphtha for Petro. Feed. Use	78	-	78	578	-	-	578
Other Oils for Petro. Feed. Use	-	-	-	259	-	12	271
Special Naphthas	-	20	20	40	-	17	57
Lubricants	219	181	400	-	-	241	241
Waxes	-	-5	-5	-	-	42	42
Petroleum Coke	1,147	21	1,168	3,811	939	899	5,649
Marketable	449	-	449	2,762	759	680	4,201
Catalyst	698	21	719	1,049	180	219	1,448
Asphalt and Road Oil	301	674	975	2,360	1,323	352	4,035
Still Gas	1,420	65	1,485	2,616	675	1,066	4,357
Miscellaneous Products	71	30	101	294	127	60	481
Total	18,481	3,006	21,487	44,471	11,435	15,735	71,641
Processing Gain(-) or Loss(+) ¹	-1,685	-13	-1,698	-4,403	-1,352	-1,344	-7,099

See footnotes at end of table.

Table 31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, January 2018
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						Total	PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico					
Hydrocarbon Gas Liquids	253	4,739	5,255	-6	8	10,249	84	398	12,226	
Natural Gas Liquids	-187	948	2,228	-37	8	2,960	130	-26	2,854	
Ethane	1	106	32	-	-	139	-	-	139	
Propane	272	2,348	2,311	10	55	4,996	235	1,076	9,161	
Normal Butane	-336	-914	-359	-47	-50	-1,706	-109	-1,174	-5,801	
Isobutane	-124	-592	244	-	3	-469	4	72	-645	
Natural Gasoline	-	-	-	-	-	-	-	-	-	
Refinery Olefins	440	3,791	3,027	31	-	7,289	-46	424	9,372	
Ethylene	-	-	-	-	-	-	-	-	5	
Propylene	442	3,860	2,964	31	-	7,297	-17	413	9,431	
Butylene	-2	-35	63	-	-	26	-29	11	-65	
Isobutylene	-	-34	-	-	-	-34	-	-	1	
Finished Motor Gasoline	3,252	13,592	12,577	254	754	30,429	4,744	3,834	52,273	
Reformulated	-	-	-	-	-	-	-	555	1,218	
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	555	1,218	
Reformulated Other	-	-	-	-	-	-	-	-	-	
Conventional	3,252	13,592	12,577	254	754	30,429	4,744	3,279	51,055	
Conventional Blended with Fuel Ethanol	1,866	430	1,602	217	563	4,678	2,774	271	12,609	
Ed55 and Lower	1,862	430	1,602	217	563	4,674	2,774	271	12,605	
Greater than Ed55	4	-	-	-	-	4	-	-	4	
Conventional Other	1,386	13,162	10,975	37	191	25,751	1,970	3,008	38,446	
Finished Aviation Gasoline	67	62	22	-	-	151	3	6	181	
Kerosene-Type Jet Fuel	1,468	12,528	12,746	127	-	26,869	1,039	14,150	52,505	
Kerosene	-6	-1	-23	26	-	-4	-	-1	609	
Distillate Fuel Oil	5,984	42,823	33,385	2,105	1,718	86,015	6,707	17,147	154,409	
15 ppm sulfur and under	6,061	40,748	26,511	1,955	1,718	76,993	6,686	16,341	142,003	
Greater than 15 ppm to 500 ppm sulfur	-77	301	2,861	66	-	3,151	39	384	3,754	
Greater than 500 ppm sulfur	-	1,774	4,013	84	-	5,871	-18	422	8,652	
Residual Fuel Oil	254	2,999	4,225	-61	73	7,490	331	3,723	14,356	
Less than 0.31 percent sulfur	203	15	1,058	-	-	1,276	187	-	1,745	
0.31 to 1.00 percent sulfur	-	90	536	-61	18	583	18	749	2,017	
Greater than 1.00 percent sulfur	51	2,894	2,631	-	55	5,631	126	2,974	10,594	
Petrochemical Feedstocks	127	5,504	2,248	16	-	7,895	-	2	8,824	
Naphtha for Petro. Feed. Use	120	4,461	1,114	16	-	5,711	-	2	6,369	
Other Oils for Petro. Feed. Use	7	1,043	1,134	-	-	2,184	-	-	2,455	
Special Naphthas	77	711	-	224	-	1,012	-	35	1,124	
Lubricants	23	1,779	1,755	732	-	4,289	-	708	5,638	
Waxes	-	49	19	11	-	79	-	-	116	
Petroleum Coke	471	8,903	5,731	147	41	15,293	790	4,560	27,460	
Marketable	215	6,782	4,406	135	-	11,538	599	3,471	20,258	
Catalyst	256	2,121	1,325	12	41	3,755	191	1,089	7,202	
Asphalt and Road Oil	266	322	478	764	55	1,885	1,295	698	8,888	
Still Gas	833	5,542	4,278	154	79	10,886	741	3,681	21,150	
Miscellaneous Products	99	959	577	18	42	1,695	96	458	2,831	
Total	13,168	100,511	83,273	4,511	2,770	204,233	15,830	49,399	362,590	
Processing Gain(-) or Loss(+) ¹	-699	-9,880	-7,959	74	-102	-18,566	-1,141	-6,322	-34,826	

- = No Data Reported.

¹ Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

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

Table 32. Blender Net Inputs of Petroleum Products by PAD District, January 2018
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	629	2	631	100	44	331	475
Natural Gas Liquids	629	2	631	100	44	331	475
Normal Butane	492	2	494	100	37	244	381
Isobutane	-	-	-	-	-	-	-
Natural Gasoline	137	-	137	-	7	87	94
Other Liquids	84,728	5,632	90,360	42,504	8,718	12,761	63,983
Oxygenates/Renewables	9,150	595	9,745	4,596	983	1,410	6,989
Oxygenates (excluding Fuel Ethanol)	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE)	-	-	-	-	-	-	-
All Other Oxygenates ¹	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol)	9,150	595	9,745	4,596	983	1,410	6,989
Fuel Ethanol	8,867	561	9,428	4,449	961	1,373	6,783
Renewable Diesel Fuel	283	34	317	147	22	37	206
Other Renewable Fuels	-	-	-	-	-	-	-
Unfinished Oils (net)	5	-	5	8	-	-	8
Naphthas and Lighter	-	-	-	-	-	-	-
Kerosene and Light Gas Oils	-	-	-	-	-	-	-
Heavy Gas Oils	5	-	5	-	-	-	-
Residuum	-	-	-	8	-	-	8
Motor Gasoline Blend.Comp. (MGBC)(net)	75,573	5,037	80,610	37,900	7,735	11,351	56,986
Reformulated - RBOB	24,781	108	24,889	7,210	1,413	1,017	9,640
Conventional	50,792	4,929	55,721	30,690	6,322	10,334	47,346
CBOB	43,750	4,929	48,679	30,688	6,322	10,334	47,344
GTAB	1,695	-	1,695	-	-	-	-
Other	5,347	-	5,347	2	-	-	2
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	85,357	5,634	90,991	42,604	8,762	13,092	64,458

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	39	595	191	24	-	849	85	21	2,061
Natural Gas Liquids	39	595	191	24	-	849	85	21	2,061
Normal Butane	25	358	191	24	-	598	67	21	1,561
Isobutane	-	-	-	-	-	-	1	-	1
Natural Gasoline	14	237	-	-	-	251	17	-	499
Other Liquids	16,595	10,753	2,319	8,298	1,064	39,029	4,409	43,871	241,652
Oxygenates/Renewables	1,754	812	270	923	121	3,880	594	4,858	26,066
Oxygenates (excluding Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE)	-	-	-	-	-	-	-	-	-
All Other Oxygenates ¹	-	-	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol)	1,754	812	270	923	121	3,880	594	4,858	26,066
Fuel Ethanol	1,702	747	270	912	107	3,738	583	4,513	25,045
Renewable Diesel Fuel	52	65	-	11	14	142	11	342	1,018
Other Renewable Fuels	-	-	-	-	-	-	-	3	3
Unfinished Oils (net)	-	-	-2	-	-	-2	-	-	11
Naphthas and Lighter	-	-	-	-	-	-	-	-	-
Kerosene and Light Gas Oils	-	-	12	-	-	12	-	-	12
Heavy Gas Oils	-	-	-14	-	-	-14	-	-	-9
Residuum	-	-	-	-	-	-	-	-	8
Motor Gasoline Blend.Comp. (MGBC)(net)	14,841	9,941	2,051	7,375	943	35,151	3,815	39,013	215,575
Reformulated - RBOB	6,666	4,438	-	-	-	11,104	-	29,006	74,639
Conventional	8,175	5,503	2,051	7,375	943	24,047	3,815	10,007	140,936
CBOB	8,175	-468	1,246	7,368	939	17,260	3,811	10,007	127,101
GTAB	-	-	-	-	-	-	-	-	1,695
Other	-	5,971	805	7	4	6,787	4	-	12,140
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-	-	-
Total Input	16,634	11,348	2,510	8,322	1,064	39,878	4,494	43,892	243,713

- = 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, January 2018
(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	85,200	5,599	90,799	42,458	8,741	13,055	64,254
Reformulated	37,267	120	37,387	8,278	1,570	1,141	10,989
Reformulated Blended with Fuel Ethanol	37,267	120	37,387	8,278	1,570	1,141	10,989
Reformulated Other	-	-	-	-	-	-	-
Conventional	47,933	5,479	53,412	34,180	7,171	11,914	53,265
Conventional Blended with Fuel Ethanol	51,297	5,488	56,785	35,645	7,916	12,232	55,793
Ed55 and Lower	51,262	5,488	56,750	35,635	7,892	12,169	55,696
Greater than Ed55	35	-	35	10	24	63	97
Conventional Other	-3,364	-9	-3,373	-1,465	-745	-318	-2,528
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	-2	-	-2	-47	-	-	-47
Kerosene	-31	-	-31	-2	0	-	-2
Distillate Fuel Oil	253	35	288	191	21	37	249
15 ppm sulfur and under	21	35	56	191	21	37	249
Greater than 15 ppm to 500 ppm sulfur	90	-	90	-	-	89	89
Greater than 500 ppm sulfur	142	-	142	-	-	-89	-89
Residual Fuel Oil	-65	-	-65	-	-	-	-
Less than 0.31 percent sulfur	-84	-	-84	-	-	-	-
0.31 to 1.00 percent sulfur	7	-	7	-	-	-	-
Greater than 1.00 percent sulfur	12	-	12	-	-	-	-
Special Naphthas	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-
Asphalt and Road Oil	-1	-	-1	8	-	-	8
Miscellaneous Products	-	-	-	-	-	-	-
Total Production	85,354	5,634	90,988	42,608	8,762	13,092	64,462
Processing Gain(-) or Loss(+) ¹	3	0	3	-4	0	0	-4

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Finished Motor Gasoline	16,581	11,283	2,511	8,308	1,050	39,733	4,479	43,553	242,818
Reformulated	7,421	6,190	-	-	-	13,611	-	32,243	94,230
Reformulated Blended with Fuel Ethanol	7,421	6,190	-	-	-	13,611	-	32,243	94,230
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	9,160	5,093	2,511	8,308	1,050	26,122	4,479	11,310	148,588
Conventional Blended with Fuel Ethanol	9,345	1,143	2,658	8,989	1,080	23,215	5,799	12,774	154,366
Ed55 and Lower	9,334	1,143	2,658	8,977	1,080	23,192	5,788	12,771	154,197
Greater than Ed55	11	-	-	12	-	23	11	3	169
Conventional Other	-185	3,950	-147	-681	-30	2,907	-1,320	-1,464	-5,778
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	-	-3	6	-	-	3	47	-127	-126
Kerosene	-	-	4	-	-	4	-	19	-10
Distillate Fuel Oil	53	-110	-10	10	14	-43	-35	439	898
15 ppm sulfur and under	53	66	-10	10	14	133	-35	416	819
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-	-	-	179
Greater than 500 ppm sulfur	-	-176	-	-	-	-176	-	23	-100
Residual Fuel Oil	-	179	-2	-	-	177	-	11	123
Less than 0.31 percent sulfur	-	179	-	-	-	179	-	11	106
0.31 to 1.00 percent sulfur	-	92	-	-	-	92	-	-	99
Greater than 1.00 percent sulfur	-	-92	-2	-	-	-94	-	-	-82
Special Naphthas	-	-	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-	-	-	-	-	-	7
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total Production	16,634	11,349	2,509	8,318	1,064	39,874	4,491	43,895	243,710
Processing Gain(-) or Loss(+) ¹	0	-1	1	4	0	4	3	-3	3

- = No Data Reported.

¹ Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

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

Table 34. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, January 2018
(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	10,977	588	11,565	9,483	2,213	1,780	13,476
Petroleum Products	14,911	2,439	17,350	32,126	8,857	12,035	53,018
Hydrocarbon Gas Liquids	761	29	790	2,654	442	1,081	4,177
Natural Gas Liquids	461	29	490	2,145	416	1,064	3,625
Ethane	—	—	—	—	—	—	—
Propane	117	5	122	506	41	539	1,086
Normal Butane	250	12	262	1,271	301	106	1,678
Isobutane	94	12	106	283	74	152	509
Natural Gasoline	—	—	—	85	—	267	352
Refinery Olefins	300	0	300	509	26	17	552
Ethylene	—	—	—	—	—	—	—
Propylene	128	0	128	414	26	17	457
Butylene	155	0	155	95	0	0	95
Isobutylene	17	0	17	0	0	0	0
Oxygenates/Renewable Fuels/Other Hydrocarbons	56	96	152	91	65	35	191
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	56	96	152	40	65	35	140
Fuel Ethanol	56	91	147	26	50	30	106
Renewable Diesel Fuel	—	5	5	14	15	5	34
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	51	—	—	51
Unfinished Oils	4,151	365	4,516	9,135	579	4,254	13,968
Naphthas and Lighter	1,118	227	1,345	2,604	151	1,196	3,951
Kerosene and Light Gas Oils	724	—	724	1,965	187	644	2,796
Heavy Gas Oils	1,745	118	1,863	2,968	235	1,687	4,890
Residuum	564	20	584	1,598	6	727	2,331
Motor Gasoline Blending Components (MGBC)	5,469	346	5,815	8,635	2,739	3,322	14,696
Reformulated - RBOB	1,754	—	1,754	1,101	135	—	1,236
Conventional	3,715	346	4,061	7,534	2,604	3,322	13,460
CBOB	591	302	893	2,923	1,422	2,554	6,899
GTAB	—	—	—	—	—	—	—
Other	3,124	44	3,168	4,611	1,182	768	6,561
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	42	42	1,102	114	310	1,526
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	42	42	1,102	114	310	1,526
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	42	42	1,102	114	310	1,526
Finished Aviation Gasoline	—	—	—	—	78	—	78
Kerosene-Type Jet Fuel	704	—	704	1,618	246	322	2,186
Kerosene	226	4	230	88	—	19	107
Distillate Fuel Oil	2,492	170	2,662	4,743	1,085	1,594	7,422
15 ppm sulfur and under	1,864	57	1,921	4,500	939	1,412	6,851
Greater than 15 ppm to 500 ppm sulfur	23	94	117	—	79	84	163
Greater than 500 ppm sulfur	605	19	624	243	67	98	408
Residual Fuel Oil	539	25	564	882	169	48	1,099
Less than 0.31 percent sulfur	56	23	79	—	—	—	—
0.31 to 1.00 percent sulfur	72	2	74	45	45	—	90
Greater than 1.00 percent sulfur	411	—	411	837	124	48	1,009
Petrochemical Feedstocks	71	—	71	568	—	—	568
Naphtha for Petro. Feed. Use	71	—	71	411	—	—	411
Other Oils for Petro. Feed. Use	—	—	—	157	—	—	157
Special Naphthas	—	22	22	42	—	16	58
Lubricants	314	217	531	—	—	439	439
Waxes	—	531	531	—	—	64	64
Petroleum Coke	—	—	—	327	1,403	92	1,822
Marketable	—	—	—	327	1,403	92	1,822
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	115	577	692	2,156	1,907	434	4,497
Miscellaneous Products	13	15	28	85	30	5	120
Total Stocks, All Oils	25,888	3,027	28,915	41,609	11,070	13,815	66,494

See footnotes at end of table.

Table 34. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, January 2018
(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	1,820	26,592	17,281	1,200	364	47,257	2,604	22,541	97,443
Petroleum Products	10,829	62,010	48,787	3,930	1,485	127,041	10,850	54,207	262,466
Hydrocarbon Gas Liquids	1,580	1,761	3,535	11	51	6,938	465	1,483	13,853
Natural Gas Liquids	909	1,480	2,818	10	51	5,268	410	1,437	11,230
Ethane	179	—	—	—	—	179	—	—	179
Propane	204	328	252	2	3	789	50	86	2,133
Normal Butane	184	855	1,345	4	21	2,409	241	912	5,502
Isobutane	279	239	954	4	11	1,487	108	437	2,647
Natural Gasoline	63	58	267	—	16	404	11	2	769
Refinery Olefins	671	281	717	1	0	1,670	55	46	2,623
Ethylene	0	—	—	—	—	0	—	—	0
Propylene	670	53	446	1	0	1,170	4	43	1,802
Butylene	1	228	271	0	0	500	51	3	804
Isobutylene	0	0	0	0	0	0	0	0	17
Oxygenates/Renewable Fuels/Other Hydrocarbons	44	47	179	88	11	369	112	176	1,000
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	44	47	174	88	11	364	112	176	944
Fuel Ethanol	37	37	59	34	7	174	106	31	564
Renewable Diesel Fuel	7	10	115	54	4	190	6	145	380
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	5	—	—	5	—	—	56
Unfinished Oils	3,620	21,593	15,097	877	616	41,803	2,880	19,943	83,110
Naphthas and Lighter	1,297	6,657	1,929	178	217	10,278	598	3,233	19,405
Kerosene and Light Gas Oils	1,125	3,703	2,384	254	163	7,629	586	4,473	16,208
Heavy Gas Oils	531	9,107	8,125	361	236	18,360	1,135	9,703	35,951
Residuum	667	2,126	2,659	84	—	5,536	561	2,534	11,546
Motor Gasoline Blending Components (MGBC)	2,687	13,403	12,141	347	382	28,960	3,117	15,390	67,978
Reformulated - RBOB	211	983	292	—	—	1,486	—	5,761	10,237
Conventional	2,476	12,420	11,849	347	382	27,474	3,117	9,629	57,741
CBOB	981	4,326	5,777	243	18	11,345	1,601	2,524	23,262
GTAB	—	—	—	—	—	—	—	—	—
Other	1,495	8,094	6,072	104	364	16,129	1,516	7,105	34,479
Aviation Gasoline Blending Components	2	—	7	—	—	9	—	—	9
Finished Motor Gasoline	645	1,675	1,304	5	80	3,709	761	1,140	7,178
Reformulated	—	—	—	—	—	—	—	16	16
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	16	16
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	645	1,675	1,304	5	80	3,709	761	1,124	7,162
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	50	—	50
Ed55 and Lower	—	—	—	—	—	—	50	—	50
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	645	1,675	1,304	5	80	3,709	711	1,124	7,112
Finished Aviation Gasoline	38	155	106	—	—	299	9	133	519
Kerosene-Type Jet Fuel	393	3,369	2,860	34	—	6,656	261	3,957	13,764
Kerosene	23	6	90	4	—	123	1	1	462
Distillate Fuel Oil	1,106	7,639	7,585	416	180	16,926	1,863	5,891	34,764
15 ppm sulfur and under	1,084	6,657	5,570	267	180	13,758	1,659	5,131	29,320
Greater than 15 ppm to 500 ppm sulfur	22	120	937	37	—	1,116	155	295	1,846
Greater than 500 ppm sulfur	—	862	1,078	112	—	2,052	49	465	3,598
Residual Fuel Oil	105	2,501	1,213	14	40	3,873	226	3,051	8,813
Less than 0.31 percent sulfur	7	—	203	—	—	210	34	—	323
0.31 to 1.00 percent sulfur	—	189	69	14	8	280	8	636	1,088
Greater than 1.00 percent sulfur	98	2,312	941	—	32	3,383	184	2,415	7,402
Petrochemical Feedstocks	101	1,668	599	19	—	2,387	—	2	3,028
Naphtha for Petro. Feed. Use	28	1,141	414	19	—	1,602	—	2	2,086
Other Oils for Petro. Feed. Use	73	527	185	—	—	785	—	—	942
Special Naphthas	84	738	5	132	—	959	—	56	1,095
Lubricants	50	2,599	2,388	812	—	5,849	—	722	7,541
Waxes	—	114	78	48	—	240	—	—	835
Petroleum Coke	23	4,333	1,242	—	—	5,598	129	1,252	8,801
Marketable	23	4,333	1,242	—	—	5,598	129	1,252	8,801
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	313	189	279	1,122	99	2,002	1,009	888	9,088
Miscellaneous Products	15	220	79	1	26	341	17	122	628
Total Stocks, All Oils	12,649	88,602	66,068	5,130	1,849	174,298	13,454	76,748	359,909

— = 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, January 2018

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	2.4	-1.0	2.1	1.5	-0.7	-0.9	0.7
Finished Motor Gasoline ¹	49.4	41.2	48.7	55.4	51.8	53.6	54.5
Finished Aviation Gasoline ²	-	-	-	-	0.1	-	0.0
Kerosene-Type Jet Fuel	9.3	-	8.5	8.1	4.7	2.8	6.4
Kerosene	1.0	-	0.9	0.4	-	0.1	0.3
Distillate Fuel Oil ³	28.6	26.2	28.4	25.7	32.9	38.7	29.6
Residual Fuel Oil	4.5	0.1	4.1	1.5	1.2	0.4	1.2
Naphtha for Petro. Feed. Use	0.2	-	0.2	0.8	-	-	0.5
Other Oils for Petro. Feed. Use	-	-	-	0.4	-	0.1	0.2
Special Naphthas	-	0.7	0.1	0.1	-	0.1	0.1
Lubricants	0.7	6.2	1.2	-	-	0.9	0.2
Waxes	-	-0.2	0.0	-	-	0.2	0.0
Petroleum Coke	3.6	0.7	3.4	5.2	5.5	3.5	4.9
Asphalt and Road Oil	0.9	23.2	2.8	3.2	7.7	1.4	3.5
Still Gas	4.5	2.2	4.3	3.5	3.9	4.2	3.7
Miscellaneous Products	0.2	1.0	0.3	0.4	0.7	0.2	0.4
Processing Gain(-) or Loss(+) ⁴	-5.3	-0.5	-4.9	-6.0	-7.9	-5.3	-6.1

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	1.3	3.4	4.7	-0.1	0.2	3.7	0.4	0.5	2.3
Finished Motor Gasoline ¹	54.4	44.1	43.7	27.5	55.4	44.5	48.8	49.4	47.9
Finished Aviation Gasoline ²	0.3	0.0	0.0	-	-	0.1	0.0	0.0	0.0
Kerosene-Type Jet Fuel	7.3	9.1	11.4	2.1	-	9.6	5.4	18.3	10.0
Kerosene	0.0	0.0	0.0	0.4	-	0.0	-	0.0	0.1
Distillate Fuel Oil ³	29.6	31.1	29.9	35.0	40.0	30.7	34.5	22.0	29.2
Residual Fuel Oil	1.3	2.2	3.8	-1.0	1.7	2.7	1.7	4.8	2.7
Naphtha for Petro. Feed. Use	0.6	3.2	1.0	0.3	-	2.0	-	0.0	1.2
Other Oils for Petro. Feed. Use	0.0	0.8	1.0	-	-	0.8	-	-	0.5
Special Naphthas	0.4	0.5	-	3.8	-	0.4	-	0.1	0.2
Lubricants	0.1	1.3	1.6	12.3	-	1.5	-	0.9	1.1
Waxes	-	0.0	0.0	0.2	-	0.0	-	-	0.0
Petroleum Coke	2.3	6.5	5.1	2.5	1.0	5.5	4.1	5.9	5.2
Asphalt and Road Oil	1.3	0.2	0.4	12.9	1.3	0.7	6.7	0.9	1.7
Still Gas	4.1	4.0	3.8	2.6	1.9	3.9	3.8	4.8	4.0
Miscellaneous Products	0.5	0.7	0.5	0.0	1.0	0.6	0.5	0.6	0.5
Processing Gain(-) or Loss(+) ⁴	-3.5	-7.2	-7.1	1.3	-2.4	-6.6	-5.9	-8.2	-6.6

- = No Data Reported.

¹ Based on net production of finished motor gasoline minus input of natural gas plant liquids, fuel ethanol, oxygenates, and net input of motor gasoline blending components.

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

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

⁴ Represents the arithmetic difference between input and production.

Note: Percent yield is calculated as net production (or adjusted net production) divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

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

Note: Refer to Appendix A for Refining District descriptions.

Source: Calculated from data on Tables 30 and 31.

Table 36. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, January 2018
(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	614	506	2,841	3,961
Connecticut	-	-	-	-
Delaware	227	-	-	227
Florida	-	-	916	916
Georgia	-	-	248	248
Maine	-	-	-	-
Maryland	-	-	-	-
Massachusetts	-	-	-	-
New Hampshire	-	98	-	98
New Jersey	387	406	1,069	1,862
New York	-	-	137	137
North Carolina	-	-	-	-
Pennsylvania	-	-	231	231
Rhode Island	-	-	-	-
South Carolina	-	-	87	87
Vermont	-	2	2	4
Virginia	-	-	151	151
West Virginia	-	-	-	-
PAD District 2	-	74	103	177
Illinois	-	-	-	-
Indiana	-	-	-	-
Michigan	-	-	103	103
Minnesota	-	68	-	68
North Dakota	-	6	-	6
Ohio	-	-	-	-
Wisconsin	-	-	-	-
PAD District 3	552	50	1,314	1,916
Alabama	-	-	-	-
Louisiana	289	50	-	339
Mississippi	-	-	-	-
New Mexico	-	-	-	-
Texas	263	-	1,314	1,577
PAD District 4	-	-	-	-
Idaho	-	-	-	-
Montana	-	-	-	-
PAD District 5	-	83	1,122	1,205
Alaska	-	-	-	-
California	-	-	1,122	1,122
Hawaii	-	-	-	-
Oregon	-	-	-	-
Washington	-	83	-	83
U.S. Total	1,166	713	5,380	7,259

- = 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, January 2018
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	31,922	79,950	88,131	9,428	38,953	248,384	8,012
Hydrocarbon Gas Liquids	2,932	3,292	145	453	1,241	8,063	260
Natural Gas Liquids	2,859	2,847	—	453	1,241	7,400	239
Ethane	—	—	—	—	—	—	—
Propane	2,774	2,552	—	425	808	6,559	212
Normal Butane	39	63	—	12	406	520	17
Isobutane	46	228	—	16	27	317	10
Natural Gasoline	—	4	—	—	—	4	0
Refinery Olefins	73	445	145	—	—	663	21
Ethylene	—	—	—	—	—	—	—
Propylene	73	400	—	—	—	473	15
Butylene	—	45	145	—	—	190	6
Isobutylene	—	—	—	—	—	—	—
Other Liquids	14,797	618	18,364	13	2,819	36,611	1,181
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	152	18	230	5	506	911	29
Hydrogen	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol)	—	—	155	—	—	155	5
Methyl Tertiary Butyl Ether (MTBE)	—	—	83	—	—	83	3
Other Oxygenates ³	—	—	72	—	—	72	2
Renewable Fuels (including Fuel Ethanol)	152	18	71	5	506	752	24
Fuel Ethanol	—	—	—	—	—	—	—
Biomass-Based Diesel Fuel	152	18	71	5	—	246	8
Other Renewable Diesel Fuel	—	—	—	—	506	506	16
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	4	—	—	4	0
Unfinished Oils ¹	1,162	96	17,325	—	2,111	20,694	668
Naphthas and Lighter	215	—	328	—	—	543	18
Kerosene and Lighter Gas Oils	—	—	—	—	—	—	—
Heavy Gas Oils	480	96	12,945	—	2,111	15,632	504
Residuum	467	—	4,052	—	—	4,519	146
Motor Gasoline Blend.Comp. (MGBC)	13,483	504	809	8	202	15,006	484
Reformulated - RBOB	5,598	64	—	—	—	5,662	183
Conventional	7,885	440	809	8	202	9,344	301
CBOB	413	45	—	—	189	647	21
GTAB	833	—	—	—	—	833	27
Other	6,639	395	809	8	13	7,864	254
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	15,965	994	4,599	124	3,753	25,435	820
Finished Motor Gasoline	533	—	—	—	47	580	19
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	533	—	—	—	47	580	19
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	533	—	—	—	47	580	19
Finished Aviation Gasoline	1	2	—	—	2	5	0
Kerosene-Type Jet Fuel	2,142	—	—	—	1,928	4,070	131
Bonded Aircraft Fuel	170	—	—	—	1,113	1,283	41
Other	1,972	—	—	—	815	2,787	90
Kerosene	353	1	—	—	—	354	11
Distillate Fuel Oil	7,976	189	443	56	338	9,002	290
15 ppm sulfur and under	6,559	184	16	56	338	7,153	231
Bonded	—	—	—	—	—	—	—
Other	6,559	184	16	56	338	7,153	231
Greater than 15 ppm to 500 ppm sulfur	306	—	—	—	—	306	10
Bonded	—	—	—	—	—	—	—
Other	306	—	—	—	—	306	10
Greater than 500 ppm to 2000 ppm sulfur	1,061	—	337	—	—	1,398	45
Bonded	—	—	—	—	—	—	—
Other	1,061	—	337	—	—	1,398	45
Greater than 2000 ppm	50	5	90	—	—	145	5
Bonded	—	—	—	—	—	—	—
Other	50	5	90	—	—	145	5
Residual Fuel Oil	3,961	177	1,916	—	1,205	7,259	234
Less than 0.31 percent sulfur	614	—	552	—	—	1,166	38
0.31 to 1.00 percent sulfur	506	74	50	—	83	713	23
Greater than 1.00 percent sulfur	2,841	103	1,314	—	1,122	5,380	174
Petrochemical Feedstocks	—	147	346	—	38	531	17
Naphtha for Petro. Feed. Use	—	72	325	—	38	435	14
Other Oils for Petro. Feed. Use	—	75	21	—	—	96	3
Special Naphthas	—	53	617	—	—	670	22
Lubricants	182	216	894	—	—	1,292	42
Waxes	87	12	1	—	71	171	6
Petroleum Coke (Marketable)	170	23	366	—	24	583	19
Asphalt and Road Oil	560	172	—	67	100	899	29
Miscellaneous Products	—	2	16	1	—	19	1
Total	65,616	84,854	111,239	10,018	46,766	318,493	10,274

— = 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-January 2018
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	31,922	79,950	88,131	9,428	38,953	248,384	8,012
Hydrocarbon Gas Liquids	2,932	3,292	145	453	1,241	8,063	260
Natural Gas Liquids	2,859	2,847	—	453	1,241	7,400	239
Ethane	—	—	—	—	—	—	—
Propane	2,774	2,552	—	425	808	6,559	212
Normal Butane	39	63	—	12	406	520	17
Isobutane	46	228	—	16	27	317	10
Natural Gasoline	—	4	—	—	—	4	0
Refinery Olefins	73	445	145	—	—	663	21
Ethylene	—	—	—	—	—	—	—
Propylene	73	400	—	—	—	473	15
Butylene	—	45	145	—	—	190	6
Isobutylene	—	—	—	—	—	—	—
Other Liquids	14,797	618	18,364	13	2,819	36,611	1,181
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	152	18	230	5	506	911	29
Hydrogen	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol)	—	—	155	—	—	155	5
Methyl Tertiary Butyl Ether (MTBE)	—	—	83	—	—	83	3
Other Oxygenates ³	—	—	72	—	—	72	2
Renewable Fuels (including Fuel Ethanol)	152	18	71	5	506	752	24
Fuel Ethanol	—	—	—	—	—	—	—
Biomass-Based Diesel Fuel	152	18	71	5	—	246	8
Other Renewable Diesel Fuel	—	—	—	—	506	506	16
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	4	—	—	4	0
Unfinished Oils ¹	1,162	96	17,325	—	2,111	20,694	668
Naphthas and Lighter	215	—	328	—	—	543	18
Kerosene and Lighter Gas Oils	—	—	—	—	—	—	—
Heavy Gas Oils	480	96	12,945	—	2,111	15,632	504
Residuum	467	—	4,052	—	—	4,519	146
Motor Gasoline Blend Comp. (MGBC)	13,483	504	809	8	202	15,006	484
Reformulated - RBOB	5,598	64	—	—	—	5,662	183
Conventional	7,885	440	809	8	202	9,344	301
CBOB	413	45	—	—	189	647	21
GTAB	833	—	—	—	—	833	27
Other	6,639	395	809	8	13	7,864	254
Aviation Gasoline Blend Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	15,965	994	4,599	124	3,753	25,435	820
Finished Motor Gasoline	533	—	—	—	47	580	19
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	533	—	—	—	47	580	19
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	533	—	—	—	47	580	19
Finished Aviation Gasoline	1	2	—	—	2	5	0
Kerosene-Type Jet Fuel	2,142	—	—	—	1,928	4,070	131
Bonded Aircraft Fuel	170	—	—	—	1,113	1,283	41
Other	1,972	—	—	—	815	2,787	90
Kerosene	353	1	—	—	—	354	11
Distillate Fuel Oil	7,976	189	443	56	338	9,002	290
15 ppm sulfur and under	6,559	184	16	56	338	7,153	231
Bonded	—	—	—	—	—	—	—
Other	6,559	184	16	56	338	7,153	231
Greater than 15 ppm to 500 ppm sulfur	306	—	—	—	—	306	10
Bonded	—	—	—	—	—	—	—
Other	306	—	—	—	—	306	10
Greater than 500 ppm to 2000 ppm sulfur	1,061	—	337	—	—	1,398	45
Bonded	—	—	—	—	—	—	—
Other	1,061	—	337	—	—	1,398	45
Greater than 2000 ppm	50	5	90	—	—	145	5
Bonded	—	—	—	—	—	—	—
Other	50	5	90	—	—	145	5
Residual Fuel Oil	3,961	177	1,916	—	1,205	7,259	234
Less than 0.31 percent sulfur	614	—	552	—	—	1,166	38
0.31 to 1.00 percent sulfur	506	74	50	—	83	713	23
Greater than 1.00 percent sulfur	2,841	103	1,314	—	1,122	5,380	174
Petrochemical Feedstocks	—	147	346	—	38	531	17
Naphtha for Petro. Feed. Use	—	72	325	—	38	435	14
Other Oils for Petro. Feed. Use	—	75	21	—	—	96	3
Special Naphthas	—	53	617	—	—	670	22
Lubricants	182	216	894	—	—	1,292	42
Waxes	87	12	1	—	71	171	6
Petroleum Coke (Marketable)	170	23	366	—	24	583	19
Asphalt and Road Oil	560	172	—	67	100	899	29
Miscellaneous Products	—	2	16	1	—	19	1
Total	65,616	84,854	111,239	10,018	46,766	318,493	10,274

— = 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, January 2018
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	83,541	140	-	4,032	-	-	-	-	1,624	1,624
Algeria	4,117	140	-	2,996	-	-	-	-	-	-
Angola	2,210	-	-	-	-	-	-	-	-	-
Ecuador	4,753	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	21,672	-	-	-	-	-	-	-	-	-
Kuwait	2,982	-	-	-	-	-	-	-	-	-
Libya	2,201	-	-	-	-	-	-	-	-	-
Nigeria	10,025	-	-	336	-	-	-	-	470	470
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	21,997	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	550	-	-	-	-	-	-
Venezuela	13,584	-	-	150	-	-	-	-	1,154	1,154
Non-OPEC	164,843	7,260	663	16,662	-	580	580	5,662	7,720	13,382
Argentina	-	-	-	-	-	-	-	-	287	287
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	2,213	-	-	-	-	130	130
Brazil	6,202	-	-	336	-	-	-	-	653	653
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	329	-	-	-	-	-	-	-	-	-
Canada	117,115	6,794	518	419	-	310	310	3,534	2,124	5,658
Chad	2,597	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	14,519	-	-	-	-	-	-	-	406	406
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	379	-	-	-	-	-	-
France	-	-	-	-	-	-	-	884	-	884
Germany	-	-	-	63	-	-	-	-	-	-
Guatemala	525	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	527	527
Indonesia	1,396	-	-	-	-	-	-	-	-	-
Italy	220	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	18,765	-	-	-	-	-	-	-	40	40
Netherlands	-	-	-	1,265	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	996	411	-	353	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	599	599
Russia	-	-	-	9,140	-	-	-	-	989	989
Spain	-	-	-	211	-	-	-	-	1,462	1,462
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	55	-	-	-	-	-	-	-	-
United Kingdom	755	-	-	-	-	270	270	1,244	-	1,244
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	1,424	0	145	2,283	-	0	0	0	503	503
Total	248,384	7,400	663	20,694	-	580	580	5,662	9,344	15,006
Persian Gulf³	46,651	-	-	550	-	-	-	-	-	-

See footnotes at end of table.

Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January 2018
(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	-	-	-	-	-	-	1,605	-	-	-	1,605
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	629	-	-	-	629
Saudi Arabia	-	-	-	-	-	-	976	-	-	-	976
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	83	72	-	246	506	-	5,548	306	1,398	145	7,397
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	545	-	-	-	545
Brazil	83	72	-	-	-	-	717	-	-	-	717
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	139	-	-	2,688	52	871	5	3,616
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	209	-	-	-	209
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	107	-	-	-	-	-	-	5
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	369	-	-	-	369
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	277	-	277
Netherlands	-	-	-	-	-	-	524	-	-	69	593
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	161	-	-	-	161
Portugal	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	335	254	250	16	855
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	0	0	-	0	506	-	0	0	0	55	50
Total	83	72	-	246	506	-	7,153	306	1,398	145	9,002
Persian Gulf³	-	-	-	-	-	-	1,605	-	-	-	1,605

See footnotes at end of table.

Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January 2018
(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	—	—	—	322	36	295	—	1,230	1,525
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	251	251
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	118	—	—	—	—	—
Libya	—	—	—	—	—	147	—	—	147
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	58	36	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	146	—	148	—	979	1,127
Non-OPEC	354	5	—	3,748	634	871	713	4,150	5,734
Argentina	—	—	—	—	—	126	139	—	265
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	22	—	50	—	50
Brazil	—	—	—	—	42	80	240	—	320
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	1	5	—	640	53	—	159	534	693
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	703	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	556	556
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	43	—	—	—	—
Germany	—	—	—	—	14	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	650	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	353	—	—	1,755	407	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	1,443	1,443
Netherlands	—	—	—	—	3	57	—	195	252
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	347	—	620	967
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	642	642
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	0	0	—	0	50	261	125	160	546
Total	354	5	—	4,070	670	1,166	713	5,380	7,259
Persian Gulf³	—	—	—	176	36	—	—	—	—

See footnotes at end of table.

Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January 2018
(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	—	—	—	—	218	240	—	9,742	93,283	2,695	314	3,009
Algeria	—	—	—	—	—	—	—	3,136	7,253	133	101	234
Angola	—	—	—	—	—	—	—	—	2,210	71	—	71
Ecuador	—	—	—	—	—	—	—	251	5,004	153	8	161
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	21,672	699	—	699
Kuwait	—	—	—	—	—	—	—	118	3,100	96	4	100
Libya	—	—	—	—	—	—	—	147	2,348	71	5	76
Nigeria	—	—	—	—	—	—	—	806	10,831	323	26	349
Qatar	—	—	—	—	—	170	—	799	799	—	26	26
Saudi Arabia	—	—	—	—	—	—	—	1,070	23,067	710	35	744
United Arab Emirates	—	—	—	—	—	70	—	620	620	—	20	20
Venezuela	—	—	—	—	218	—	—	2,795	16,379	438	90	528
Non-OPEC	435	96	171	583	681	1,052	19	60,367	225,210	5,318	1,947	7,265
Argentina	—	—	—	126	—	6	—	684	684	—	22	22
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	62	—	62	62	—	2	2
Belgium	—	—	—	—	—	19	—	2,979	2,979	—	96	96
Brazil	—	—	—	—	—	—	—	2,223	8,425	200	72	272
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	329	11	—	11
Canada	72	75	55	46	602	343	3	20,042	137,157	3,778	647	4,424
Chad	—	—	—	—	—	—	—	—	2,597	84	—	84
China	—	—	92	88	—	—	—	883	883	—	28	28
Colombia	—	—	—	167	—	—	—	1,338	15,857	468	43	512
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	379	379	—	12	12
France	—	21	—	—	—	9	—	957	957	—	31	31
Germany	—	—	—	—	—	21	—	210	210	—	7	7
Guatemala	—	—	—	—	—	—	—	—	525	17	—	17
India	—	—	—	—	—	—	—	1,546	1,546	—	50	50
Indonesia	—	—	—	—	—	68	—	68	1,464	45	2	47
Italy	—	—	—	—	—	13	—	14	234	7	0	8
Korea, South	—	—	1	—	—	405	—	2,921	2,921	—	94	94
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—	—
Mexico	228	—	—	—	—	—	—	1,988	20,753	605	64	669
Netherlands	—	—	—	—	—	—	16	2,129	2,129	—	69	69
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	764	1,760	32	25	57
Oman	—	—	—	—	—	—	—	161	161	—	5	5
Portugal	—	—	—	—	—	—	—	599	599	—	19	19
Russia	—	—	—	—	—	—	—	11,951	11,951	—	386	386
Spain	—	—	1	—	—	—	—	1,674	1,674	—	54	54
Sweden	—	—	—	1	—	—	—	1	1	—	0	0
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	697	697	—	22	22
United Kingdom	33	—	—	152	—	15	—	1,714	2,469	24	55	80
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	102	0	22	3	79	91	0	4,383	5,807	47	142	187
Total	435	96	171	583	899	1,292	19	70,109	318,493	8,012	2,262	10,274
Persian Gulf³	—	—	—	—	—	302	—	2,669	49,320	1,505	86	1,591

— = No Data Reported.

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."

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.

Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-January 2018
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	83,541	140	-	4,032	-	-	-	-	1,624	1,624
Algeria	4,117	140	-	2,996	-	-	-	-	-	-
Angola	2,210	-	-	-	-	-	-	-	-	-
Ecuador	4,753	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	21,672	-	-	-	-	-	-	-	-	-
Kuwait	2,982	-	-	-	-	-	-	-	-	-
Libya	2,201	-	-	-	-	-	-	-	-	-
Nigeria	10,025	-	-	336	-	-	-	-	470	470
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	21,997	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	550	-	-	-	-	-	-
Venezuela	13,584	-	-	150	-	-	-	-	1,154	1,154
Non-OPEC	164,843	7,260	663	16,662	-	580	580	5,662	7,720	13,382
Argentina	-	-	-	-	-	-	-	-	287	287
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	2,213	-	-	-	-	130	130
Brazil	6,202	-	-	336	-	-	-	-	653	653
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	329	-	-	-	-	-	-	-	-	-
Canada	117,115	6,794	518	419	-	310	310	3,534	2,124	5,658
Chad	2,597	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	14,519	-	-	-	-	-	-	-	406	406
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	379	-	-	-	-	-	-
France	-	-	-	-	-	-	-	884	-	884
Germany	-	-	-	63	-	-	-	-	-	-
Guatemala	525	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	527	527
Indonesia	1,396	-	-	-	-	-	-	-	-	-
Italy	220	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	18,765	-	-	-	-	-	-	-	40	40
Netherlands	-	-	-	1,265	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	996	411	-	353	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	599	599
Russia	-	-	-	9,140	-	-	-	-	989	989
Spain	-	-	-	211	-	-	-	-	1,462	1,462
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	55	-	-	-	-	-	-	-	-
United Kingdom	755	-	-	-	-	270	270	1,244	-	1,244
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	1,424	0	145	2,283	-	0	0	0	503	503
Total	248,384	7,400	663	20,694	-	580	580	5,662	9,344	15,006
Persian Gulf³	46,651	-	-	550	-	-	-	-	-	-

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-January 2018
(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	-	-	-	-	-	-	1,605	-	-	-	1,605
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	629	-	-	-	629
Saudi Arabia	-	-	-	-	-	-	976	-	-	-	976
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	83	72	-	246	506	-	5,548	306	1,398	145	7,397
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	545	-	-	-	545
Brazil	83	72	-	-	-	-	717	-	-	-	717
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	139	-	-	2,688	52	871	5	3,616
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	209	-	-	-	209
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	107	-	-	-	-	-	-	5
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	369	-	-	-	369
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	277	-	277
Netherlands	-	-	-	-	-	-	524	-	-	69	593
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	161	-	-	-	161
Portugal	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	335	254	250	16	855
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	0	0	-	0	506	-	0	0	0	55	50
Total	83	72	-	246	506	-	7,153	306	1,398	145	9,002
Persian Gulf³	-	-	-	-	-	-	1,605	-	-	-	1,605

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-January 2018
(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	—	—	—	322	36	295	—	1,230	1,525
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	251	251
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	118	—	—	—	—	—
Libya	—	—	—	—	—	147	—	—	147
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	58	36	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	146	—	148	—	979	1,127
Non-OPEC	354	5	—	3,748	634	871	713	4,150	5,734
Argentina	—	—	—	—	—	126	139	—	265
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	22	—	50	—	50
Brazil	—	—	—	—	42	80	240	—	320
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	1	5	—	640	53	—	159	534	693
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	703	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	556	556
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	43	—	—	—	—
Germany	—	—	—	—	14	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	650	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	353	—	—	1,755	407	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	1,443	1,443
Netherlands	—	—	—	—	3	57	—	195	252
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	347	—	620	967
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	642	642
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	0	0	—	0	50	261	125	160	546
Total	354	5	—	4,070	670	1,166	713	5,380	7,259
Persian Gulf³	—	—	—	176	36	—	—	—	—

See footnotes at end of table.

Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-January 2018
(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	—	—	—	—	218	240	—	9,742	93,283	2,695	314	3,009
Algeria	—	—	—	—	—	—	—	3,136	7,253	133	101	234
Angola	—	—	—	—	—	—	—	—	2,210	71	—	71
Ecuador	—	—	—	—	—	—	—	251	5,004	153	8	161
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	21,672	699	—	699
Kuwait	—	—	—	—	—	—	—	118	3,100	96	4	100
Libya	—	—	—	—	—	—	—	147	2,348	71	5	76
Nigeria	—	—	—	—	—	—	—	806	10,831	323	26	349
Qatar	—	—	—	—	—	170	—	799	799	—	26	26
Saudi Arabia	—	—	—	—	—	—	—	1,070	23,067	710	35	744
United Arab Emirates	—	—	—	—	—	70	—	620	620	—	20	20
Venezuela	—	—	—	—	218	—	—	2,795	16,379	438	90	528
Non-OPEC	435	96	171	583	681	1,052	19	60,367	225,210	5,318	1,947	7,265
Argentina	—	—	—	126	—	6	—	684	684	—	22	22
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	62	—	62	62	—	2	2
Belgium	—	—	—	—	—	19	—	2,979	2,979	—	96	96
Brazil	—	—	—	—	—	—	—	2,223	8,425	200	72	272
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	329	11	—	11
Canada	72	75	55	46	602	343	3	20,042	137,157	3,778	647	4,424
Chad	—	—	—	—	—	—	—	—	2,597	84	—	84
China	—	—	92	88	—	—	—	883	883	—	28	28
Colombia	—	—	—	167	—	—	—	1,338	15,857	468	43	512
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	379	379	—	12	12
France	—	21	—	—	—	9	—	957	957	—	31	31
Germany	—	—	—	—	—	21	—	210	210	—	7	7
Guatemala	—	—	—	—	—	—	—	—	525	17	—	17
India	—	—	—	—	—	—	—	1,546	1,546	—	50	50
Indonesia	—	—	—	—	—	68	—	68	1,464	45	2	47
Italy	—	—	—	—	—	13	—	14	234	7	0	8
Korea, South	—	—	1	—	—	405	—	2,921	2,921	—	94	94
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—	—
Mexico	228	—	—	—	—	—	—	1,988	20,753	605	64	669
Netherlands	—	—	—	—	—	—	16	2,129	2,129	—	69	69
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	764	1,760	32	25	57
Oman	—	—	—	—	—	—	—	161	161	—	5	5
Portugal	—	—	—	—	—	—	—	599	599	—	19	19
Russia	—	—	—	—	—	—	—	11,951	11,951	—	386	386
Spain	—	—	1	—	—	—	—	1,674	1,674	—	54	54
Sweden	—	—	—	1	—	—	—	1	1	—	0	0
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	697	697	—	22	22
United Kingdom	33	—	—	152	—	15	—	1,714	2,469	24	55	80
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	102	0	22	3	79	91	0	4,383	5,807	47	142	187
Total	435	96	171	583	899	1,292	19	70,109	318,493	8,012	2,262	10,274
Persian Gulf³	—	—	—	—	—	302	—	2,669	49,320	1,505	86	1,591

— = 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 the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2018
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	19,310	140	-	30	-	-	-	-	1,624	1,624
Algeria	4,117	140	-	-	-	-	-	-	-	-
Angola	888	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	1,793	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	1,589	-	-	-	-	-	-	-	-	-
Nigeria	7,874	-	-	30	-	-	-	-	470	470
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	3,049	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	1,154	1,154
Non-OPEC	12,612	2,719	73	1,132	-	533	533	5,598	6,261	11,859
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	130	130
Brazil	-	-	-	-	-	-	-	-	616	616
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	329	-	-	-	-	-	-	-	-	-
Canada	6,798	2,308	73	-	-	263	263	3,470	1,496	4,966
Chad	951	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	2,488	-	-	-	-	-	-	-	406	406
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	884	-	884
Germany	-	-	-	26	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	527	527
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	57	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	996	411	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	599	599
Russia	-	-	-	656	-	-	-	-	989	989
Spain	-	-	-	211	-	-	-	-	1,221	1,221
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	270	270	1,244	-	1,244
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	1,050	0	0	182	-	0	0	0	277	277
Total	31,922	2,859	73	1,162	-	533	533	5,598	7,885	13,483
Persian Gulf³	4,842	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2018
(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	-	-	-	-	-	-	1,605	-	-	-	1,605
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	629	-	-	-	629
Saudi Arabia	-	-	-	-	-	-	976	-	-	-	976
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	152	-	-	4,954	306	1,061	50	6,371
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	545	-	-	-	545
Brazil	-	-	-	-	-	-	717	-	-	-	717
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	45	-	-	2,110	52	811	-	2,973
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	209	-	-	-	209
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	107	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	369	-	-	-	369
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	508	-	-	-	508
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	161	-	-	-	161
Portugal	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	335	254	250	-	839
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	0	-	-	0	0	0	50	50
Total	-	-	-	152	-	-	6,559	306	1,061	50	7,976
Persian Gulf³	-	-	-	-	-	-	1,605	-	-	-	1,605

See footnotes at end of table.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2018
(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	—	—	—	322	—	147	—	750	897
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	118	—	—	—	—	—
Libya	—	—	—	—	—	147	—	—	147
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	58	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	146	—	—	—	750	750
Non-OPEC	353	1	—	1,820	—	467	506	2,091	3,064
Argentina	—	—	—	—	—	126	139	—	265
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	80	240	—	320
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	1	—	640	—	—	2	431	433
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	556	556
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	650	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	353	—	—	530	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	7	7
Netherlands	—	—	—	—	—	—	—	195	195
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	260	260
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	642	642
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	0	0	—	0	—	261	125	0	386
Total	353	1	—	2,142	—	614	506	2,841	3,961
Persian Gulf³	—	—	—	176	—	—	—	—	—

See footnotes at end of table.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2018
(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	-	-	-	-	218	-	-	4,836	24,146	623	156	779
Algeria	-	-	-	-	-	-	-	140	4,257	133	5	137
Angola	-	-	-	-	-	-	-	-	888	29	-	29
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	1,793	58	-	58
Kuwait	-	-	-	-	-	-	-	118	118	-	4	4
Libya	-	-	-	-	-	-	-	147	1,736	51	5	56
Nigeria	-	-	-	-	-	-	-	500	8,374	254	16	270
Qatar	-	-	-	-	-	-	-	629	629	-	20	20
Saudi Arabia	-	-	-	-	-	-	-	1,034	4,083	98	33	132
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	218	-	-	2,268	2,268	-	73	73
Non-OPEC	-	-	87	170	342	182	-	28,858	41,470	407	931	1,338
Argentina	-	-	-	-	-	4	-	269	269	-	9	9
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	675	675	-	22	22
Brazil	-	-	-	-	-	-	-	1,653	1,653	-	53	53
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	329	11	-	11
Canada	-	-	43	-	263	127	-	12,135	18,933	219	391	611
Chad	-	-	-	-	-	-	-	-	951	31	-	31
China	-	-	42	-	-	-	-	42	42	-	1	1
Colombia	-	-	-	167	-	-	-	1,338	3,826	80	43	123
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	8	-	892	892	-	29	29
Germany	-	-	-	-	-	15	-	148	148	-	5	5
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	1,546	1,546	-	50	50
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	4	-	4	4	-	0	0
Korea, South	-	-	1	-	-	23	-	907	907	-	29	29
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	7	7	-	0	0
Netherlands	-	-	-	-	-	-	-	760	760	-	25	25
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	411	1,407	32	13	45
Oman	-	-	-	-	-	-	-	161	161	-	5	5
Portugal	-	-	-	-	-	-	-	599	599	-	19	19
Russia	-	-	-	-	-	-	-	2,744	2,744	-	89	89
Spain	-	-	1	-	-	-	-	1,433	1,433	-	46	46
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	642	642	-	21	21
United Kingdom	-	-	-	-	-	-	-	1,514	1,514	-	49	49
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	0	3	79	1	-	978	2,028	34	32	65
Total	-	-	87	170	560	182	-	33,694	65,616	1,030	1,087	2,117
Persian Gulf³	-	-	-	-	-	-	-	1,781	6,623	156	57	214

- = No Data Reported.

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."

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.

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2018
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	79,950	2,847	445	96	-	-	-	64	440	504
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	22	22
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	79,461	2,847	445	96	-	-	-	64	418	482
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	489	-	-	-	-	-	-	-	-	-
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	79,950	2,847	445	96	-	-	-	64	440	504
Persian Gulf³	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2018
(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	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	18	-	-	184	-	-	5	189
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	18	-	-	184	-	-	5	189
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	18	-	-	184	-	-	5	189
Persian Gulf³	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2018
(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	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	1	2	-	-	53	-	74	103	177
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	1	2	-	-	53	-	74	103	177
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
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	1	2	-	-	53	-	74	103	177
Persian Gulf³	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2018
(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	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	72	75	12	23	172	216	2	4,904	84,854	2,579	158	2,737
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	22	22	-	1	1
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	72	75	12	22	172	216	2	4,881	84,342	2,563	157	2,721
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	489	16	-	16
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	1	-	-	-	1	1	-	0	0
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	0	0	0	0	0	0	0	-1
Total	72	75	12	23	172	216	2	4,904	84,854	2,579	158	2,737
Persian Gulf³	-	-	-	-	-	-	-	-	-	-	-	-

- = No Data Reported.

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."

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.

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2018
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	46,539	-	-	4,002	-	-	-	-	-	-
Algeria	-	-	-	2,996	-	-	-	-	-	-
Angola	512	-	-	-	-	-	-	-	-	-
Ecuador	1,273	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	16,175	-	-	-	-	-	-	-	-	-
Kuwait	2,314	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	1,202	-	-	306	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	11,479	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	550	-	-	-	-	-	-
Venezuela	13,584	-	-	150	-	-	-	-	-	-
Non-OPEC	41,592	-	145	13,323	-	-	-	-	809	809
Argentina	-	-	-	-	-	-	-	-	287	287
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	2,213	-	-	-	-	-	-
Brazil	2,017	-	-	336	-	-	-	-	15	15
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	13,886	-	-	323	-	-	-	-	-	-
Chad	1,646	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	6,339	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	379	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	37	-	-	-	-	-	-
Guatemala	525	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	220	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	16,204	-	-	-	-	-	-	-	40	40
Netherlands	-	-	-	1,208	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	353	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	7,170	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	241	241
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	755	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	-	145	1,304	-	-	-	-	226	226
Total	88,131	-	145	17,325	-	-	-	-	809	809
Persian Gulf³	29,968	-	-	550	-	-	-	-	-	-

See footnotes at end of table.

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2018
(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	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	83	72	-	71	-	-	16	-	337	90	443
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	83	72	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	71	-	-	-	-	60	-	60
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	5
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	277	-	277
Netherlands	-	-	-	-	-	-	16	-	-	-	85
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	16	16
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	0	0	-	0	-	-	0	-	0	74	0
Total	83	72	-	71	-	-	16	-	337	90	443
Persian Gulf³	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2018
(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	-	-	-	-	36	148	-	229	377
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	36	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	148	-	229	377
Non-OPEC	-	-	-	-	581	404	50	1,085	1,539
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	22	-	50	-	50
Brazil	-	-	-	-	42	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	43	-	-	-	-
Germany	-	-	-	-	14	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	407	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	1,085	1,085
Netherlands	-	-	-	-	3	57	-	-	57
Netherlands Antilles	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	347	-	-	347
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	50	0	0	0	0
Total	-	-	-	-	617	552	50	1,314	1,916
Persian Gulf³	-	-	-	-	36	-	-	-	-

See footnotes at end of table.

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2018
(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	-	-	-	-	-	240	-	4,655	51,194	1,501	150	1,651
Algeria	-	-	-	-	-	-	-	2,996	2,996	-	97	97
Angola	-	-	-	-	-	-	-	-	512	17	-	17
Ecuador	-	-	-	-	-	-	-	-	1,273	41	-	41
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	16,175	522	-	522
Kuwait	-	-	-	-	-	-	-	-	2,314	75	-	75
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	306	1,508	39	10	49
Qatar	-	-	-	-	-	170	-	170	170	-	5	5
Saudi Arabia	-	-	-	-	-	-	-	36	11,515	370	1	371
United Arab Emirates	-	-	-	-	-	70	-	620	620	-	20	20
Venezuela	-	-	-	-	-	-	-	527	14,111	438	17	455
Non-OPEC	325	21	1	366	-	654	16	18,453	60,045	1,342	595	1,937
Argentina	-	-	-	126	-	2	-	415	415	-	13	13
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	62	-	62	62	-	2	2
Belgium	-	-	-	-	-	19	-	2,304	2,304	-	74	74
Brazil	-	-	-	-	-	-	-	548	2,565	65	18	83
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	454	14,340	448	15	463
Chad	-	-	-	-	-	-	-	-	1,646	53	-	53
China	-	-	-	88	-	-	-	88	88	-	3	3
Colombia	-	-	-	-	-	-	-	-	6,339	204	-	204
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	379	379	-	12	12
France	-	21	-	-	-	1	-	65	65	-	2	2
Germany	-	-	-	-	-	6	-	62	62	-	2	2
Guatemala	-	-	-	-	-	-	-	-	525	17	-	17
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	68	-	68	68	-	2	2
Italy	-	-	-	-	-	9	-	10	230	7	0	7
Korea, South	-	-	-	-	-	382	-	789	789	-	25	25
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	228	-	-	-	-	-	-	1,630	17,834	523	53	575
Netherlands	-	-	-	-	-	-	16	1,369	1,369	-	44	44
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	353	353	-	11	11
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	7,533	7,533	-	243	243
Spain	-	-	-	-	-	-	-	241	241	-	8	8
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	33	-	-	152	-	15	-	200	955	24	6	31
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	64	0	1	0	-	90	0	1,883	1,883	1	62	63
Total	325	21	1	366	-	894	16	23,108	111,239	2,843	745	3,588
Persian Gulf³	-	-	-	-	-	302	-	888	30,856	967	29	995

- = No Data Reported.

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."

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.

Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2018
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
PAD District 4										
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	9,428	453	-	-	-	-	-	-	8	8
Canada	9,428	453	-	-	-	-	-	-	8	8
Other	0	0	-	-	-	-	-	-	0	0
Total	9,428	453	-	-	-	-	-	-	8	8
PAD District 5										
OPEC	17,692	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	810	-	-	-	-	-	-	-	-	-
Ecuador	3,480	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	3,704	-	-	-	-	-	-	-	-	-
Kuwait	668	-	-	-	-	-	-	-	-	-
Libya	612	-	-	-	-	-	-	-	-	-
Nigeria	949	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	7,469	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	21,261	1,241	-	2,111	-	47	47	-	202	202
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Brazil	4,185	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	7,542	1,186	-	-	-	47	47	-	202	202
China	-	-	-	-	-	-	-	-	-	-
Colombia	5,692	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Indonesia	1,396	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	2,072	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	347	-	-	-	-	-	-
Singapore	-	-	-	147	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	374	55	-	1,617	-	0	0	-	0	0
Total	38,953	1,241	-	2,111	-	47	47	-	202	202
Persian Gulf³	11,841	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2018
(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	-	-	-	5	-	-	56	-	-	-	56
Canada	-	-	-	5	-	-	56	-	-	-	56
Other	-	-	-	0	-	-	0	-	-	-	0
Total	-	-	-	5	-	-	56	-	-	-	56
PAD District 5											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	-	506	-	338	-	-	-	338
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	338	-	-	-	338
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	-	-	-	-	506	-	0	-	-	-	0
Total	-	-	-	-	506	-	338	-	-	-	338
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, January 2018
(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	-	-	-	-	-	-	-	251	251
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	251	251
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	2	-	1,928	-	-	83	871	954
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	2	-	-	-	-	83	-	83
China	-	-	-	703	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	1,225	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	351	351
Netherlands	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	160	160
Singapore	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Other	-	0	-	0	-	-	0	360	360
Total	-	2	-	1,928	-	-	83	1,122	1,205
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, January 2018
(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	-	-	-	-	67	-	1	590	10,018	304	19	323
Canada	-	-	-	-	67	-	1	590	10,018	304	19	323
Other	-	-	-	-	0	-	0	0	0	0	0	0
Total	-	-	-	-	67	-	1	590	10,018	304	19	323
PAD District 5												
OPEC	-	-	-	-	-	-	-	251	17,943	571	8	579
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	810	26	-	26
Ecuador	-	-	-	-	-	-	-	251	3,731	112	8	120
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	3,704	119	-	119
Kuwait	-	-	-	-	-	-	-	-	668	22	-	22
Libya	-	-	-	-	-	-	-	-	612	20	-	20
Nigeria	-	-	-	-	-	-	-	-	949	31	-	31
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	7,469	241	-	241
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	38	-	71	24	100	-	-	7,562	28,823	686	244	930
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	4,185	135	-	135
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	24	100	-	-	1,982	9,524	243	64	307
China	-	-	50	-	-	-	-	753	753	-	24	24
Colombia	-	-	-	-	-	-	-	-	5,692	184	-	184
Finland	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	1,396	45	-	45
Japan	-	-	21	-	-	-	-	21	21	-	1	1
Korea, South	-	-	-	-	-	-	-	1,225	1,225	-	40	40
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	351	2,423	67	11	78
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	507	507	-	16	16
Singapore	-	-	-	-	-	-	-	653	653	-	21	21
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Taiwan	38	-	-	-	-	-	-	38	38	-	1	1
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Other	0	-	0	0	0	-	-	2,032	2,406	12	66	78
Total	38	-	71	24	100	-	-	7,813	46,766	1,257	252	1,509
Persian Gulf ³	-	-	-	-	-	-	-	-	11,841	382	-	382

- = No Data Reported.

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."

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.

Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-January 2018
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	19,310	140	-	30	-	-	-	-	1,624	1,624
Algeria	4,117	140	-	-	-	-	-	-	-	-
Angola	888	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	1,793	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	1,589	-	-	-	-	-	-	-	-	-
Nigeria	7,874	-	-	30	-	-	-	-	470	470
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	3,049	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	1,154	1,154
Non-OPEC	12,612	2,719	73	1,132	-	533	533	5,598	6,261	11,859
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	130	130
Brazil	-	-	-	-	-	-	-	-	616	616
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	329	-	-	-	-	-	-	-	-	-
Canada	6,798	2,308	73	-	-	263	263	3,470	1,496	4,966
Chad	951	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	2,488	-	-	-	-	-	-	-	406	406
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	884	-	884
Germany	-	-	-	26	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	527	527
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	57	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	996	411	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	599	599
Russia	-	-	-	656	-	-	-	-	989	989
Spain	-	-	-	211	-	-	-	-	1,221	1,221
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	270	270	1,244	-	1,244
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	1,050	0	0	182	-	0	0	0	277	277
Total	31,922	2,859	73	1,162	-	533	533	5,598	7,885	13,483
Persian Gulf³	4,842	-	-	-	-	-	-	-	-	-

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-January 2018
(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	-	-	-	-	-	-	1,605	-	-	-	1,605
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	629	-	-	-	629
Saudi Arabia	-	-	-	-	-	-	976	-	-	-	976
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	152	-	-	4,954	306	1,061	50	6,371
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	545	-	-	-	545
Brazil	-	-	-	-	-	-	717	-	-	-	717
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	45	-	-	2,110	52	811	-	2,973
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	209	-	-	-	209
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	107	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	369	-	-	-	369
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	508	-	-	-	508
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	161	-	-	-	161
Portugal	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	335	254	250	-	839
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	0	-	-	0	0	0	50	50
Total	-	-	-	152	-	-	6,559	306	1,061	50	7,976
Persian Gulf³	-	-	-	-	-	-	1,605	-	-	-	1,605

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-January 2018
(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	—	—	—	322	—	147	—	750	897
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	118	—	—	—	—	—
Libya	—	—	—	—	—	147	—	—	147
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	58	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	146	—	—	—	750	750
Non-OPEC	353	1	—	1,820	—	467	506	2,091	3,064
Argentina	—	—	—	—	—	126	139	—	265
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	80	240	—	320
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	1	—	640	—	—	2	431	433
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	556	556
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	650	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	353	—	—	530	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	7	7
Netherlands	—	—	—	—	—	—	—	195	195
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	260	260
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	642	642
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	0	0	—	0	—	261	125	0	386
Total	353	1	—	2,142	—	614	506	2,841	3,961
Persian Gulf³	—	—	—	176	—	—	—	—	—

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-January 2018
(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	-	-	-	-	218	-	-	4,836	24,146	623	156	779
Algeria	-	-	-	-	-	-	-	140	4,257	133	5	137
Angola	-	-	-	-	-	-	-	-	888	29	-	29
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	1,793	58	-	58
Kuwait	-	-	-	-	-	-	-	118	118	-	4	4
Libya	-	-	-	-	-	-	-	147	1,736	51	5	56
Nigeria	-	-	-	-	-	-	-	500	8,374	254	16	270
Qatar	-	-	-	-	-	-	-	629	629	-	20	20
Saudi Arabia	-	-	-	-	-	-	-	1,034	4,083	98	33	132
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	218	-	-	2,268	2,268	-	73	73
Non-OPEC	-	-	87	170	342	182	-	28,858	41,470	407	931	1,338
Argentina	-	-	-	-	-	4	-	269	269	-	9	9
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	675	675	-	22	22
Brazil	-	-	-	-	-	-	-	1,653	1,653	-	53	53
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	329	11	-	11
Canada	-	-	43	-	263	127	-	12,135	18,933	219	391	611
Chad	-	-	-	-	-	-	-	-	951	31	-	31
China	-	-	42	-	-	-	-	42	42	-	1	1
Colombia	-	-	-	167	-	-	-	1,338	3,826	80	43	123
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	8	-	892	892	-	29	29
Germany	-	-	-	-	-	15	-	148	148	-	5	5
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	1,546	1,546	-	50	50
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	4	-	4	4	-	0	0
Korea, South	-	-	1	-	-	23	-	907	907	-	29	29
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	7	7	-	0	0
Netherlands	-	-	-	-	-	-	-	760	760	-	25	25
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	411	1,407	32	13	45
Oman	-	-	-	-	-	-	-	161	161	-	5	5
Portugal	-	-	-	-	-	-	-	599	599	-	19	19
Russia	-	-	-	-	-	-	-	2,744	2,744	-	89	89
Spain	-	-	1	-	-	-	-	1,433	1,433	-	46	46
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	642	642	-	21	21
United Kingdom	-	-	-	-	-	-	-	1,514	1,514	-	49	49
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	0	3	79	1	-	978	2,028	34	32	65
Total	-	-	87	170	560	182	-	33,694	65,616	1,030	1,087	2,117
Persian Gulf³	-	-	-	-	-	-	-	1,781	6,623	156	57	214

- = No Data Reported.

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."

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.

Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-January 2018
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	79,950	2,847	445	96	-	-	-	64	440	504
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	22	22
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	79,461	2,847	445	96	-	-	-	64	418	482
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	489	-	-	-	-	-	-	-	-	-
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	79,950	2,847	445	96	-	-	-	64	440	504
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-January 2018
(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	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	18	-	-	184	-	-	5	189
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	18	-	-	184	-	-	5	189
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	18	-	-	184	-	-	5	189
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-January 2018
(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	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	1	2	-	-	53	-	74	103	177
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	1	2	-	-	53	-	74	103	177
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
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	1	2	-	-	53	-	74	103	177
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-January 2018
(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	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	72	75	12	23	172	216	2	4,904	84,854	2,579	158	2,737
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	22	22	-	1	1
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	72	75	12	22	172	216	2	4,881	84,342	2,563	157	2,721
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	489	16	-	16
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	1	-	-	-	1	1	-	0	0
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	0	0	0	0	0	0	0	-1
Total	72	75	12	23	172	216	2	4,904	84,854	2,579	158	2,737
Persian Gulf ³	-	-	-	-	-	-	-	-	-	-	-	-

- = No Data Reported.

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."

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.

Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-January 2018
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	46,539	-	-	4,002	-	-	-	-	-	-
Algeria	-	-	-	2,996	-	-	-	-	-	-
Angola	512	-	-	-	-	-	-	-	-	-
Ecuador	1,273	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	16,175	-	-	-	-	-	-	-	-	-
Kuwait	2,314	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	1,202	-	-	306	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	11,479	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	550	-	-	-	-	-	-
Venezuela	13,584	-	-	150	-	-	-	-	-	-
Non-OPEC	41,592	-	145	13,323	-	-	-	-	809	809
Argentina	-	-	-	-	-	-	-	-	287	287
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	2,213	-	-	-	-	-	-
Brazil	2,017	-	-	336	-	-	-	-	15	15
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	13,886	-	-	323	-	-	-	-	-	-
Chad	1,646	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	6,339	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	379	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	37	-	-	-	-	-	-
Guatemala	525	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	220	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	16,204	-	-	-	-	-	-	-	40	40
Netherlands	-	-	-	1,208	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	353	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	7,170	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	241	241
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	755	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	-	145	1,304	-	-	-	-	226	226
Total	88,131	-	145	17,325	-	-	-	-	809	809
Persian Gulf³	29,968	-	-	550	-	-	-	-	-	-

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-January 2018
(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	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	83	72	-	71	-	-	16	-	337	90	443
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	83	72	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	71	-	-	-	-	60	-	60
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	5
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	277	-	277
Netherlands	-	-	-	-	-	-	16	-	-	-	85
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	16	16
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	0	0	-	0	-	-	0	-	0	74	0
Total	83	72	-	71	-	-	16	-	337	90	443
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-January 2018
(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	-	-	-	-	36	148	-	229	377
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	36	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	148	-	229	377
Non-OPEC	-	-	-	-	581	404	50	1,085	1,539
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	22	-	50	-	50
Brazil	-	-	-	-	42	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	43	-	-	-	-
Germany	-	-	-	-	14	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	407	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	1,085	1,085
Netherlands	-	-	-	-	3	57	-	-	57
Netherlands Antilles	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	347	-	-	347
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	50	0	0	0	0
Total	-	-	-	-	617	552	50	1,314	1,916
Persian Gulf³	-	-	-	-	36	-	-	-	-

See footnotes at end of table.

Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-January 2018
(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	-	-	-	-	-	240	-	4,655	51,194	1,501	150	1,651
Algeria	-	-	-	-	-	-	-	2,996	2,996	-	97	97
Angola	-	-	-	-	-	-	-	-	512	17	-	17
Ecuador	-	-	-	-	-	-	-	-	1,273	41	-	41
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	16,175	522	-	522
Kuwait	-	-	-	-	-	-	-	-	2,314	75	-	75
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	306	1,508	39	10	49
Qatar	-	-	-	-	-	170	-	170	170	-	5	5
Saudi Arabia	-	-	-	-	-	-	-	36	11,515	370	1	371
United Arab Emirates	-	-	-	-	-	70	-	620	620	-	20	20
Venezuela	-	-	-	-	-	-	-	527	14,111	438	17	455
Non-OPEC	325	21	1	366	-	654	16	18,453	60,045	1,342	595	1,937
Argentina	-	-	-	126	-	2	-	415	415	-	13	13
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	62	-	62	62	-	2	2
Belgium	-	-	-	-	-	19	-	2,304	2,304	-	74	74
Brazil	-	-	-	-	-	-	-	548	2,565	65	18	83
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	454	14,340	448	15	463
Chad	-	-	-	-	-	-	-	-	1,646	53	-	53
China	-	-	-	88	-	-	-	88	88	-	3	3
Colombia	-	-	-	-	-	-	-	-	6,339	204	-	204
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	379	379	-	12	12
France	-	21	-	-	-	1	-	65	65	-	2	2
Germany	-	-	-	-	-	6	-	62	62	-	2	2
Guatemala	-	-	-	-	-	-	-	-	525	17	-	17
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	68	-	68	68	-	2	2
Italy	-	-	-	-	-	9	-	10	230	7	0	7
Korea, South	-	-	-	-	-	382	-	789	789	-	25	25
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	228	-	-	-	-	-	-	1,630	17,834	523	53	575
Netherlands	-	-	-	-	-	-	16	1,369	1,369	-	44	44
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	353	353	-	11	11
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	7,533	7,533	-	243	243
Spain	-	-	-	-	-	-	-	241	241	-	8	8
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	33	-	-	152	-	15	-	200	955	24	6	31
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	64	0	1	0	-	90	0	1,883	1,883	1	62	63
Total	325	21	1	366	-	894	16	23,108	111,239	2,843	745	3,588
Persian Gulf³	-	-	-	-	-	302	-	888	30,856	967	29	995

- = No Data Reported.

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."

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.

Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-January 2018
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
PAD District 4										
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	9,428	453	-	-	-	-	-	-	8	8
Canada	9,428	453	-	-	-	-	-	-	8	8
Other	0	0	-	-	-	-	-	-	0	0
Total	9,428	453	-	-	-	-	-	-	8	8
PAD District 5										
OPEC	17,692	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	810	-	-	-	-	-	-	-	-	-
Ecuador	3,480	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	3,704	-	-	-	-	-	-	-	-	-
Kuwait	668	-	-	-	-	-	-	-	-	-
Libya	612	-	-	-	-	-	-	-	-	-
Nigeria	949	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	7,469	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	21,261	1,241	-	2,111	-	47	47	-	202	202
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Brazil	4,185	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	7,542	1,186	-	-	-	47	47	-	202	202
China	-	-	-	-	-	-	-	-	-	-
Colombia	5,692	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Indonesia	1,396	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	2,072	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	347	-	-	-	-	-	-
Singapore	-	-	-	147	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	374	55	-	1,617	-	0	0	-	0	0
Total	38,953	1,241	-	2,111	-	47	47	-	202	202
Persian Gulf³	11,841	-	-	-	-	-	-	-	-	-

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-January 2018
(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	-	-	-	5	-	-	56	-	-	-	56
Canada	-	-	-	5	-	-	56	-	-	-	56
Other	-	-	-	0	-	-	0	-	-	-	0
Total	-	-	-	5	-	-	56	-	-	-	56
PAD District 5											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	-	506	-	338	-	-	-	338
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	338	-	-	-	338
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	-	-	-	-	506	-	0	-	-	-	0
Total	-	-	-	-	506	-	338	-	-	-	338
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-January 2018
(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	-	-	-	-	-	-	-	251	251
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	251	251
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	2	-	1,928	-	-	83	871	954
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	2	-	-	-	-	83	-	83
China	-	-	-	703	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	1,225	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	351	351
Netherlands	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	160	160
Singapore	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Other	-	0	-	0	-	-	0	360	360
Total	-	2	-	1,928	-	-	83	1,122	1,205
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-January 2018
(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	-	-	-	-	67	-	1	590	10,018	304	19	323
Canada	-	-	-	-	67	-	1	590	10,018	304	19	323
Other	-	-	-	-	0	-	0	0	0	0	0	0
Total	-	-	-	-	67	-	1	590	10,018	304	19	323
PAD District 5												
OPEC	-	-	-	-	-	-	-	251	17,943	571	8	579
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	810	26	-	26
Ecuador	-	-	-	-	-	-	-	251	3,731	112	8	120
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	3,704	119	-	119
Kuwait	-	-	-	-	-	-	-	-	668	22	-	22
Libya	-	-	-	-	-	-	-	-	612	20	-	20
Nigeria	-	-	-	-	-	-	-	-	949	31	-	31
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	7,469	241	-	241
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	38	-	71	24	100	-	-	7,562	28,823	686	244	930
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	4,185	135	-	135
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	24	100	-	-	1,982	9,524	243	64	307
China	-	-	50	-	-	-	-	753	753	-	24	24
Colombia	-	-	-	-	-	-	-	-	5,692	184	-	184
Finland	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	1,396	45	-	45
Japan	-	-	21	-	-	-	-	21	21	-	1	1
Korea, South	-	-	-	-	-	-	-	1,225	1,225	-	40	40
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	351	2,423	67	11	78
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	507	507	-	16	16
Singapore	-	-	-	-	-	-	-	653	653	-	21	21
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Taiwan	38	-	-	-	-	-	-	38	38	-	1	1
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Other	0	-	0	0	0	-	-	2,032	2,406	12	66	78
Total	38	-	71	24	100	-	-	7,813	46,766	1,257	252	1,509
Persian Gulf³	-	-	-	-	-	-	-	-	11,841	382	-	382

- = No Data Reported.

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."

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.

Table 49. Exports of Crude Oil and Petroleum Products by PAD District, January 2018
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	762	4,293	36,250	38	245	41,587	1,342
Hydrocarbon Gas Liquids	1,996	8,574	34,129	60	1,152	45,911	1,481
Natural Gas Liquids	1,996	8,574	34,129	60	1,152	45,911	1,481
Ethane	1,050	2,521	3,037	-	0	6,608	213
Propane	851	145	25,776	-	939	27,711	894
Normal Butane	25	217	5,247	-	213	5,702	184
Isobutane	1	1	50	-	-	52	2
Natural Gasoline	69	5,689	19	60	1	5,838	188
Refinery Olefins	-	-	-	-	-	-	-
Ethylene	-	-	-	-	-	-	-
Propylene	-	-	-	-	-	-	-
Butylene	-	-	-	-	-	-	-
Isobutylene	-	-	-	-	-	-	-
Other Liquids	43	2,282	11,858	7	194	14,384	464
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	21	483	4,189	-	11	4,704	152
Hydrogen	-	-	-	-	-	-	-
Oxygenates (excluding Fuel Ethanol)	2	1	2,495	-	1	2,498	81
Methyl Tertiary Butyl Ether (MTBE)	0	0	1,493	-	-	1,493	48
Other Oxygenates	2	1	1,002	-	1	1,005	32
Renewable Fuels (including Fuel Ethanol) ...	19	482	1,694	-	9	2,205	71
Fuel Ethanol	11	471	1,621	-	1	2,104	68
Biomass-Based Diesel	9	11	73	-	9	102	3
Other Renewable Diesel	-	-	-	-	-	-	-
Other Renewable Fuels	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	-	-	-	-
Unfinished Oils	18	1,798	5,990	7	58	7,870	254
Naphthas and Lighter	4	1,792	5,925	6	49	7,776	251
Kerosene and Light Gas Oils	14	5	65	0	9	94	3
Heavy Gas Oils	-	-	-	-	-	-	-
Residuum	-	-	-	-	-	-	-
Motor Gasoline Blend.Comp. (MGBC)	3	1	1,679	-	125	1,810	58
Reformulated	0	-	4	-	7	11	0
Conventional	3	1	1,676	-	119	1,799	58
Aviation Gasoline Blend. Comp.	-	-	-	-	-	-	-
Finished Petroleum Products	3,037	709	87,215	28	12,183	103,171	3,328
Finished Motor Gasoline	23	27	31,326	1	1,680	33,057	1,066
Reformulated	-	-	-	-	-	-	-
Conventional	23	27	31,326	1	1,680	33,057	1,066
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	320	45	4,631	-	805	5,801	187
Kerosene	2	5	123	1	4	136	4
Distillate Fuel Oil	6	96	29,460	-	5,117	34,678	1,119
15 ppm sulfur and under	6	0	25,045	-	3,743	28,794	929
Greater than 15 ppm to 500 ppm sulfur	0	53	2,927	-	676	3,657	118
Greater than 500 ppm sulfur	-	42	1,488	-	697	2,227	72
Residual Fuel Oil	918	250	6,852	14	153	8,187	264
Naphtha for Petro. Feed. Use	-	-	-	-	-	-	-
Other Oils for Petro. Feed. Use	-	-	-	-	-	-	-
Special Naphthas	-	-	-	-	-	-	-
Lubricants	920	186	2,461	10	362	3,939	127
Waxes	62	22	17	0	5	106	3
Petroleum Coke	686	60	11,944	0	3,942	16,632	537
Asphalt and Road Oil	86	15	397	3	45	545	18
Miscellaneous Products	13	2	4	-	72	91	3
Total	5,837	15,857	169,453	132	13,774	205,053	6,615

- = No Data Reported.

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

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

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

Table 50. Year-to-Date Exports of Crude Oil and Petroleum Products by PAD District, January-January 2018
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	762	4,293	36,250	38	245	41,587	1,342
Hydrocarbon Gas Liquids	1,996	8,574	34,129	60	1,152	45,911	1,481
Natural Gas Liquids	1,996	8,574	34,129	60	1,152	45,911	1,481
Ethane	1,050	2,521	3,037	-	0	6,608	213
Propane	851	150	26,607	-	969	27,711	894
Normal Butane	26	224	5,416	-	220	5,702	184
Isobutane	1	1	52	-	-	52	2
Natural Gasoline	69	5,689	19	60	1	5,838	188
Refinery Olefins	-	-	-	-	-	-	-
Ethylene	-	-	-	-	-	-	-
Propylene	-	-	-	-	-	-	-
Butylene	-	-	-	-	-	-	-
Isobutylene	-	-	-	-	-	-	-
Other Liquids	43	2,282	11,858	7	194	14,384	464
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	21	483	4,189	-	11	4,704	152
Hydrogen	-	-	-	-	-	-	-
Oxygenates (excluding Fuel Ethanol)	2	1	2,495	-	1	2,498	81
Methyl Tertiary Butyl Ether (MTBE)	0	0	1,493	-	-	1,493	48
Other Oxygenates	2	1	1,002	-	1	1,005	32
Renewable Fuels (including Fuel Ethanol) ...	19	482	1,694	-	9	2,205	71
Fuel Ethanol	11	471	1,621	-	1	2,104	68
Biomass-Based Diesel	9	11	73	-	9	102	3
Other Renewable Diesel	-	-	-	-	-	-	-
Other Renewable Fuels	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	-	-	-	-
Unfinished Oils	18	1,798	5,990	7	58	7,870	254
Naphthas and Lighter	4	1,792	5,925	6	49	7,776	251
Kerosene and Light Gas Oils	14	5	65	0	9	94	3
Heavy Gas Oils	-	-	-	-	-	-	-
Residuum	-	-	-	-	-	-	-
Motor Gasoline Blend.Comp. (MGBC)	3	1	1,679	-	125	1,810	58
Reformulated	0	-	4	-	7	11	0
Conventional	3	1	1,676	-	119	1,799	58
Aviation Gasoline Blend. Comp.	-	-	-	-	-	-	-
Finished Petroleum Products	3,037	709	87,215	28	12,183	103,171	3,328
Finished Motor Gasoline	23	27	31,326	1	1,680	33,057	1,066
Reformulated	-	-	-	-	-	-	-
Conventional	23	27	31,326	1	1,680	33,057	1,066
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	320	45	4,631	-	805	5,801	187
Kerosene	2	5	123	1	4	136	4
Distillate Fuel Oil	6	96	29,460	-	5,117	34,678	1,119
15 ppm sulfur and under	6	0	25,045	-	3,743	28,794	929
Greater than 15 ppm to 500 ppm sulfur	0	53	2,927	-	676	3,657	118
Greater than 500 ppm sulfur	-	42	1,488	-	697	2,227	72
Residual Fuel Oil	918	250	6,852	14	153	8,187	264
Naphtha for Petro. Feed. Use	-	-	-	-	-	-	-
Other Oils for Petro. Feed. Use	-	-	-	-	-	-	-
Special Naphthas	-	-	-	-	-	-	-
Lubricants	920	186	2,461	10	362	3,939	127
Waxes	62	22	17	0	5	106	3
Petroleum Coke	686	60	11,944	0	3,942	16,632	537
Asphalt and Road Oil	86	15	397	3	45	545	18
Miscellaneous Products	13	2	4	-	72	91	3
Total	5,837	15,857	169,453	132	13,774	205,053	6,615

- = No Data Reported.

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

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

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

Table 51. Exports of Crude Oil and Petroleum Products by Destination, January 2018
(Thousand Barrels)

Destination	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	—	—	—	219	—	539	539	—	—	—
Australia	—	0	—	0	—	320	320	0	—	0
Bahamas	—	57	—	—	—	666	666	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	0	—	1	—	—	—	—	—	—
Belize	—	—	—	—	—	27	27	—	—	—
Brazil	94	152	—	464	—	3,660	3,660	—	—	—
Canada	11,021	8,743	—	1,810	—	1,515	1,515	—	1,124	1,124
Cayman Islands	—	10	—	—	—	38	38	0	—	0
Chile	—	833	—	207	—	371	371	—	—	—
China	9,710	4,173	—	150	—	—	—	—	—	—
Colombia	986	29	—	1,001	—	300	300	—	—	—
Costa Rica	—	142	—	0	—	462	462	—	140	140
Denmark	—	—	—	—	—	—	—	—	—	—
Dominican Republic	—	729	—	0	—	162	162	—	—	—
Ecuador	—	—	—	—	—	524	524	—	—	—
Egypt	—	1,031	—	—	—	—	—	—	—	—
El Salvador	—	222	—	—	—	239	239	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	262	—	13	—	—	—	—	0	0
Germany	—	0	—	1	—	—	—	—	—	—
Ghana	—	—	—	0	—	—	—	—	—	—
Gibraltar	—	—	—	—	—	—	—	—	—	—
Greece	—	—	—	—	—	—	—	—	—	—
Guatemala	—	205	—	0	—	959	959	—	1	1
Honduras	—	285	—	—	—	526	526	—	—	—
Hong Kong	1,657	—	—	0	—	—	—	—	—	—
India	1,000	2,472	—	20	—	—	—	—	—	—
Indonesia	—	1,625	—	16	—	0	0	—	—	—
Ireland	—	—	—	—	—	—	—	—	—	—
Israel	—	—	—	—	—	—	—	—	—	—
Italy	2,988	236	—	0	—	—	—	—	—	—
Jamaica	—	72	—	0	—	3	3	—	—	—
Japan	—	7,986	—	332	—	1	1	1	0	1
Korea, South	—	1,608	—	17	—	281	281	0	—	0
Lebanon	—	—	—	—	—	—	—	—	—	—
Mexico	—	4,648	—	137	—	17,788	17,788	9	531	540
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	—	1,002	—	5	—	—	—	—	—	—
Mozambique	—	—	—	—	—	—	—	—	—	—
Netherlands	4,888	2,107	—	334	—	1,088	1,088	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
New Zealand	—	—	—	—	—	—	—	—	—	—
Nicaragua	246	—	—	—	—	153	153	—	—	—
Nigeria	—	—	—	—	—	526	526	—	—	—
Norway	1,745	565	—	—	—	—	—	—	—	—
Pakistan	—	—	—	—	—	—	—	—	—	—
Panama	—	0	—	60	—	549	549	—	0	0
Peru	—	—	—	28	—	531	531	—	—	—
Philippines	—	—	—	0	—	7	7	—	—	—
Portugal	625	161	—	—	—	—	—	—	—	—
Puerto Rico	—	5	—	0	—	3	3	—	0	0
Romania	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	2	—	—	—	—	—	—
Serbia	—	—	—	—	—	—	—	—	—	—
Singapore	—	2,805	—	482	—	—	—	—	—	—
South Africa	—	—	—	—	—	—	—	—	—	—
Spain	523	571	—	—	—	—	—	—	—	—
Switzerland	—	—	—	—	—	—	—	—	—	—
Taiwan	3,548	0	—	294	—	—	—	—	—	—
Thailand	385	0	—	14	—	—	—	—	—	—
Trinidad and Tobago	—	1	—	—	—	0	0	—	—	—
Turkey	—	1,091	—	—	—	—	—	—	—	—
United Arab Emirates	—	0	—	1	—	—	—	—	—	—
United Kingdom	1,034	1,378	—	0	—	0	0	—	0	0
Venezuela	—	247	—	1,304	—	770	770	—	—	—
Other	1,137	458	—	958	—	1,049	1,049	1	3	4
Total	41,587	45,911	—	7,870	—	33,057	33,057	11	1,799	1,810

See footnotes at end of table.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, January 2018
(Thousand Barrels) — Continued

Destination	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
Argentina	—	0	0	—	—	—	520	20	—	—	540
Australia	—	—	0	—	—	—	0	—	—	—	0
Bahamas	—	0	0	—	—	—	46	—	—	—	46
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	0	0	—	—	—	723	—	252	—	975
Belize	—	—	—	—	—	—	—	28	—	—	28
Brazil	—	0	970	—	—	—	2,508	811	—	—	3,319
Canada	—	0	474	20	—	—	0	227	95	—	322
Cayman Islands	—	—	—	—	—	—	114	—	—	—	114
Chile	200	—	0	—	—	—	2,260	315	—	—	2,576
China	0	0	0	0	—	—	1	—	—	—	1
Colombia	—	—	52	—	—	—	470	—	—	—	470
Costa Rica	—	0	0	1	—	—	761	—	—	—	761
Denmark	—	—	—	—	—	—	—	—	—	—	—
Dominican Republic	—	—	0	—	—	—	14	—	—	—	14
Ecuador	—	—	0	—	—	—	528	264	523	—	1,315
Egypt	—	—	1	—	—	—	—	—	—	—	—
El Salvador	—	—	—	—	—	—	346	2	130	—	478
Finland	—	—	—	—	—	—	—	—	—	—	—
France	—	0	—	—	—	—	801	—	—	—	801
Germany	—	0	0	—	—	—	—	—	—	—	—
Ghana	—	—	—	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	—	—	—	—	305	—	—	305
Greece	—	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	500	670	—	—	1,170
Honduras	—	—	—	—	—	—	185	168	—	—	353
Hong Kong	—	—	—	—	—	—	—	—	—	—	—
India	—	0	68	—	—	—	0	—	—	—	0
Indonesia	—	0	0	—	—	—	—	—	—	—	—
Ireland	—	—	—	—	—	—	—	—	—	—	—
Israel	—	—	4	—	—	—	—	—	—	—	—
Italy	—	0	—	—	—	—	—	—	—	—	—
Jamaica	—	—	22	—	—	—	303	—	112	—	415
Japan	—	1,002	0	—	—	—	2	—	—	—	2
Korea, South	—	0	83	—	—	—	0	—	—	—	0
Lebanon	—	—	—	—	—	—	—	—	—	—	—
Mexico	1,072	0	3	19	—	—	12,641	323	27	—	12,991
Montenegro	—	—	—	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	—	320	—	—	—	320
Mozambique	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	54	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
New Zealand	—	0	—	—	—	—	—	—	—	—	—
Nicaragua	—	—	0	0	—	—	0	40	—	—	40
Nigeria	—	—	97	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—	—
Pakistan	—	0	—	—	—	—	—	—	—	—	—
Panama	—	—	—	—	—	—	763	0	—	—	764
Peru	—	0	67	53	—	—	1,914	225	—	—	2,139
Philippines	—	—	40	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico	—	0	1	—	—	—	0	0	—	—	1
Romania	—	—	—	—	—	—	320	—	—	—	320
Saudi Arabia	—	—	54	—	—	—	—	—	—	—	—
Serbia	—	—	—	—	—	—	—	—	—	—	—
Singapore	—	1	31	—	—	—	278	—	645	—	923
South Africa	—	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	150	—	—	—	150
Switzerland	—	—	31	5	—	—	302	—	—	—	302
Taiwan	—	0	1	—	—	—	0	—	—	—	0
Thailand	—	0	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	0	—	—	0	—	—	—	0
Turkey	—	1	—	—	—	—	1	—	—	—	1
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	0	0	—	—	—	720	—	—	—	720
Venezuela	221	—	—	—	—	—	885	—	—	—	885
Other	—	1	51	4	—	—	418	259	443	—	1,117
Total	1,493	1,005	2,104	102	—	—	28,794	3,657	2,227	—	34,678

See footnotes at end of table.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, January 2018
(Thousand Barrels) — Continued

Destination	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
Argentina	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—
Bahamas	—	—	—	76	—	350	—	—
Bahrain	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—
Belize	0	—	—	19	—	—	—	—
Brazil	—	—	—	25	—	200	—	—
Canada	10	—	—	1,568	—	956	—	—
Cayman Islands	—	—	—	21	—	—	—	—
Chile	0	—	—	45	—	—	—	—
China	0	—	—	—	—	—	—	—
Colombia	0	—	—	—	—	—	—	—
Costa Rica	0	—	—	179	—	0	—	—
Denmark	—	—	—	—	—	—	—	—
Dominican Republic	—	—	—	126	—	90	—	—
Ecuador	—	—	—	—	—	219	—	—
Egypt	—	—	—	—	—	—	—	—
El Salvador	—	—	—	20	—	—	—	—
Finland	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—
Ghana	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	—	—	79	—	—
Greece	—	—	—	—	—	—	—	—
Guatemala	0	—	—	109	—	306	—	—
Honduras	0	—	—	50	—	287	—	—
Hong Kong	—	—	—	0	—	—	—	—
India	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—
Ireland	—	—	—	—	—	—	—	—
Israel	—	—	—	333	—	—	—	—
Italy	—	—	—	—	—	—	—	—
Jamaica	—	—	—	120	—	—	—	—
Japan	—	—	—	—	—	—	—	—
Korea, South	—	—	—	0	—	—	—	—
Lebanon	—	—	—	0	—	380	—	—
Mexico	1	—	—	1,901	—	647	—	—
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	—	—	—
Mozambique	—	—	—	—	—	—	—	—
Netherlands	1	—	—	—	—	327	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—
New Zealand	—	—	—	—	—	—	—	—
Nicaragua	60	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—
Pakistan	—	—	—	—	—	—	—	—
Panama	0	—	—	653	—	303	—	—
Peru	—	—	—	300	—	111	—	—
Philippines	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—
Puerto Rico	0	—	—	—	—	1	—	—
Romania	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—
Serbia	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	1,476	—	—
South Africa	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	0	—	—
Switzerland	—	—	—	—	—	—	—	—
Taiwan	—	—	—	—	—	0	—	—
Thailand	—	—	—	—	—	0	—	—
Trinidad and Tobago	0	—	—	—	—	—	—	—
Turkey	—	—	—	—	—	—	—	—
United Arab Emirates	0	—	—	—	—	245	—	—
United Kingdom	—	—	—	—	—	1,225	—	—
Venezuela	—	—	—	27	—	—	—	—
Other	64	—	—	229	—	985	—	—
Total	136	—	—	5,801	—	8,187	—	—

See footnotes at end of table.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, January 2018
(Thousand Barrels) — Continued

Destination	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
Argentina	1	—	0	93	—	1,392	1,392	—	45	45
Australia	0	490	—	43	0	854	854	—	28	28
Bahamas	—	—	1	7	—	1,204	1,204	—	39	39
Bahrain	—	—	—	0	—	0	0	—	0	0
Belgium	0	620	—	346	—	1,941	1,941	—	63	63
Belize	—	—	—	1	—	75	75	—	2	2
Brazil	1	1,708	0	460	1	10,959	11,053	3	354	357
Canada	78	573	99	282	7	17,583	28,604	356	567	923
Cayman Islands	—	—	2	1	—	185	185	—	6	6
Chile	0	—	49	67	0	4,347	4,347	—	140	140
China	1	1,675	2	18	3	6,023	15,734	313	194	508
Colombia	0	1	0	137	0	1,990	2,976	32	64	96
Costa Rica	0	—	31	12	0	1,728	1,728	—	56	56
Denmark	—	150	—	0	—	150	150	—	5	5
Dominican Republic	1	149	42	40	—	1,353	1,353	—	44	44
Ecuador	0	191	0	17	—	2,266	2,266	—	73	73
Egypt	—	251	—	10	—	1,293	1,293	—	42	42
El Salvador	0	—	0	34	—	992	992	—	32	32
Finland	—	—	—	0	—	0	0	—	0	0
France	0	479	—	83	—	1,638	1,638	—	53	53
Germany	1	0	1	82	0	86	86	—	3	3
Ghana	—	—	—	1	—	1	1	—	0	0
Gibraltar	—	—	—	—	—	384	384	—	12	12
Greece	—	271	—	0	—	271	271	—	9	9
Guatemala	0	175	—	16	—	2,942	2,942	—	95	95
Honduras	0	—	0	8	—	1,508	1,508	—	49	49
Hong Kong	0	249	—	5	0	254	1,911	53	8	62
India	0	1,152	2	290	0	4,005	5,004	32	129	161
Indonesia	0	—	1	1	0	1,644	1,644	—	53	53
Ireland	—	—	—	—	—	—	—	—	—	—
Israel	0	—	—	2	0	340	340	—	11	11
Italy	1	1,210	0	0	—	1,448	4,435	96	47	143
Jamaica	—	—	—	6	—	639	639	—	21	21
Japan	1	1,645	0	12	4	10,986	10,986	—	354	354
Korea, South	0	287	2	2	0	2,282	2,282	—	74	74
Lebanon	—	—	—	7	—	388	388	—	13	13
Mexico	18	1,460	206	775	73	42,280	42,280	—	1,364	1,364
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	—	656	—	—	—	1,984	1,984	—	64	64
Mozambique	—	55	—	—	—	55	55	—	2	2
Netherlands	1	146	1	11	0	4,072	8,960	158	131	289
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
New Zealand	0	66	—	2	—	68	68	—	2	2
Nicaragua	—	—	—	5	—	258	504	8	8	16
Nigeria	—	—	—	96	—	718	718	—	23	23
Norway	0	58	—	0	—	623	2,369	56	20	76
Pakistan	—	0	—	0	—	0	0	—	0	0
Panama	—	—	67	11	0	2,407	2,407	—	78	78
Peru	0	—	—	66	0	3,295	3,295	—	106	106
Philippines	0	—	—	1	0	48	48	—	2	2
Portugal	—	—	—	0	—	161	786	20	5	25
Puerto Rico	0	—	—	20	—	31	31	—	1	1
Romania	—	—	—	0	—	320	320	—	10	10
Saudi Arabia	0	3	—	2	0	61	61	—	2	2
Serbia	—	—	—	—	—	—	—	—	—	—
Singapore	0	—	1	654	0	6,374	6,374	—	206	206
South Africa	0	33	0	76	—	110	110	—	4	4
Spain	0	915	—	1	—	1,637	2,160	17	53	70
Switzerland	0	—	—	0	—	338	338	—	11	11
Taiwan	0	—	1	4	0	300	3,848	114	10	124
Thailand	0	—	0	3	—	18	403	12	1	13
Trinidad and Tobago	—	—	—	5	—	6	6	—	0	0
Turkey	0	1,430	—	24	—	2,547	2,547	—	82	82
United Arab Emirates	0	0	0	47	—	295	295	—	10	10
United Kingdom	0	127	0	1	0	3,451	4,485	33	111	145
Venezuela	0	—	—	1	—	3,455	3,455	—	111	111
Other	2	407	37	51	3	5,403	6,540	39	171	207
Total	106	16,632	545	3,939	91	163,466	205,053	1,342	5,273	6,615

— = No Data Reported.

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

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

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

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-January 2018
(Thousand Barrels)

Destination	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	—	—	—	219	—	539	539	—	—	—
Australia	—	0	—	0	—	320	320	0	—	0
Bahamas	—	57	—	—	—	666	666	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	0	—	1	—	—	—	—	—	—
Belize	—	—	—	—	—	27	27	—	—	—
Brazil	94	152	—	464	—	3,660	3,660	—	—	—
Canada	11,021	8,743	—	1,810	—	1,515	1,515	—	1,124	1,124
Cayman Islands	—	10	—	—	—	38	38	0	—	0
Chile	—	833	—	207	—	371	371	—	—	—
China	9,710	4,173	—	150	—	—	—	—	—	—
Colombia	986	29	—	1,001	—	300	300	—	—	—
Costa Rica	—	142	—	0	—	462	462	—	140	140
Denmark	—	—	—	—	—	—	—	—	—	—
Dominican Republic	—	729	—	0	—	162	162	—	—	—
Ecuador	—	—	—	—	—	524	524	—	—	—
Egypt	—	1,031	—	—	—	—	—	—	—	—
El Salvador	—	222	—	—	—	239	239	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	262	—	13	—	—	—	—	0	0
Germany	—	0	—	1	—	—	—	—	—	—
Ghana	—	—	—	0	—	—	—	—	—	—
Gibraltar	—	—	—	—	—	—	—	—	—	—
Greece	—	—	—	—	—	—	—	—	—	—
Guatemala	—	205	—	0	—	959	959	—	1	1
Honduras	—	285	—	—	—	526	526	—	—	—
Hong Kong	1,657	—	—	0	—	—	—	—	—	—
India	1,000	2,472	—	20	—	—	—	—	—	—
Indonesia	—	1,625	—	16	—	0	0	—	—	—
Ireland	—	—	—	—	—	—	—	—	—	—
Israel	—	—	—	—	—	—	—	—	—	—
Italy	2,988	236	—	0	—	—	—	—	—	—
Jamaica	—	72	—	0	—	3	3	—	—	—
Japan	—	7,986	—	332	—	1	1	1	0	1
Korea, South	—	1,608	—	17	—	281	281	0	—	0
Lebanon	—	—	—	—	—	—	—	—	—	—
Mexico	—	4,648	—	137	—	17,788	17,788	9	531	540
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	—	1,002	—	5	—	—	—	—	—	—
Mozambique	—	—	—	—	—	—	—	—	—	—
Netherlands	4,888	2,107	—	334	—	1,088	1,088	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
New Zealand	—	—	—	—	—	—	—	—	—	—
Nicaragua	246	—	—	—	—	153	153	—	—	—
Nigeria	—	—	—	—	—	526	526	—	—	—
Norway	1,745	565	—	—	—	—	—	—	—	—
Pakistan	—	—	—	—	—	—	—	—	—	—
Panama	—	0	—	60	—	549	549	—	0	0
Peru	—	—	—	28	—	531	531	—	—	—
Philippines	—	—	—	0	—	7	7	—	—	—
Portugal	625	161	—	—	—	—	—	—	—	—
Puerto Rico	—	5	—	0	—	3	3	—	0	0
Romania	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	2	—	—	—	—	—	—
Serbia	—	—	—	—	—	—	—	—	—	—
Singapore	—	2,805	—	482	—	—	—	—	—	—
South Africa	—	—	—	—	—	—	—	—	—	—
Spain	523	571	—	—	—	—	—	—	—	—
Switzerland	—	—	—	—	—	—	—	—	—	—
Taiwan	3,548	0	—	294	—	—	—	—	—	—
Thailand	385	0	—	14	—	—	—	—	—	—
Trinidad and Tobago	—	1	—	—	—	0	0	—	—	—
Turkey	—	1,091	—	—	—	—	—	—	—	—
United Arab Emirates	—	0	—	1	—	—	—	—	—	—
United Kingdom	1,034	1,378	—	0	—	0	0	—	0	0
Venezuela	—	247	—	1,304	—	770	770	—	—	—
Other	1,137	458	—	958	—	1,049	1,049	1	3	4
Total	41,587	45,911	—	7,870	—	33,057	33,057	11	1,799	1,810

See footnotes at end of table.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-January 2018
(Thousand Barrels) — Continued

Destination	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
Argentina	—	0	0	—	—	—	520	20	—	—	540
Australia	—	—	0	—	—	—	0	—	—	—	0
Bahamas	—	0	0	—	—	—	46	—	—	—	46
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	0	0	—	—	—	723	—	252	—	975
Belize	—	—	—	—	—	—	—	28	—	—	28
Brazil	—	0	970	—	—	—	2,508	811	—	—	3,319
Canada	—	0	474	20	—	—	0	227	95	—	322
Cayman Islands	—	—	—	—	—	—	114	—	—	—	114
Chile	200	—	0	—	—	—	2,260	315	—	—	2,576
China	0	0	0	0	—	—	1	—	—	—	1
Colombia	—	—	52	—	—	—	470	—	—	—	470
Costa Rica	—	0	0	1	—	—	761	—	—	—	761
Denmark	—	—	—	—	—	—	—	—	—	—	—
Dominican Republic	—	—	0	—	—	—	14	—	—	—	14
Ecuador	—	—	0	—	—	—	528	264	523	—	1,315
Egypt	—	—	1	—	—	—	—	—	—	—	—
El Salvador	—	—	—	—	—	—	346	2	130	—	478
Finland	—	—	—	—	—	—	—	—	—	—	—
France	—	0	—	—	—	—	801	—	—	—	801
Germany	—	0	0	—	—	—	—	—	—	—	—
Ghana	—	—	—	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	—	—	—	—	305	—	—	305
Greece	—	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	500	670	—	—	1,170
Honduras	—	—	—	—	—	—	185	168	—	—	353
Hong Kong	—	—	—	—	—	—	—	—	—	—	—
India	—	0	68	—	—	—	0	—	—	—	0
Indonesia	—	0	0	—	—	—	—	—	—	—	—
Ireland	—	—	—	—	—	—	—	—	—	—	—
Israel	—	—	4	—	—	—	—	—	—	—	—
Italy	—	0	—	—	—	—	—	—	—	—	—
Jamaica	—	—	22	—	—	—	303	—	112	—	415
Japan	—	1,002	0	—	—	—	2	—	—	—	2
Korea, South	—	0	83	—	—	—	0	—	—	—	0
Lebanon	—	—	—	—	—	—	—	—	—	—	—
Mexico	1,072	0	3	19	—	—	12,641	323	27	—	12,991
Montenegro	—	—	—	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	—	320	—	—	—	320
Mozambique	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	54	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
New Zealand	—	0	—	—	—	—	—	—	—	—	—
Nicaragua	—	—	0	0	—	—	0	40	—	—	40
Nigeria	—	—	97	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—	—
Pakistan	—	0	—	—	—	—	—	—	—	—	—
Panama	—	—	—	—	—	—	763	0	—	—	764
Peru	—	0	67	53	—	—	1,914	225	—	—	2,139
Philippines	—	—	40	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico	—	0	1	—	—	—	0	0	—	—	1
Romania	—	—	—	—	—	—	320	—	—	—	320
Saudi Arabia	—	—	54	—	—	—	—	—	—	—	—
Serbia	—	—	—	—	—	—	—	—	—	—	—
Singapore	—	1	31	—	—	—	278	—	645	—	923
South Africa	—	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	150	—	—	—	150
Switzerland	—	—	31	5	—	—	302	—	—	—	302
Taiwan	—	0	1	—	—	—	0	—	—	—	0
Thailand	—	0	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	0	—	—	0	—	—	—	0
Turkey	—	1	—	—	—	—	1	—	—	—	1
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	0	0	—	—	—	720	—	—	—	720
Venezuela	221	—	—	—	—	—	885	—	—	—	885
Other	—	1	51	4	—	—	418	259	443	—	1,117
Total	1,493	1,005	2,104	102	—	—	28,794	3,657	2,227	—	34,678

See footnotes at end of table.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-January 2018
(Thousand Barrels) — Continued

Destination	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
Argentina	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—
Bahamas	—	—	—	76	—	350	—	—
Bahrain	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—
Belize	0	—	—	19	—	—	—	—
Brazil	—	—	—	25	—	200	—	—
Canada	10	—	—	1,568	—	956	—	—
Cayman Islands	—	—	—	21	—	—	—	—
Chile	0	—	—	45	—	—	—	—
China	0	—	—	—	—	—	—	—
Colombia	0	—	—	—	—	—	—	—
Costa Rica	0	—	—	179	—	0	—	—
Denmark	—	—	—	—	—	—	—	—
Dominican Republic	—	—	—	126	—	90	—	—
Ecuador	—	—	—	—	—	219	—	—
Egypt	—	—	—	—	—	—	—	—
El Salvador	—	—	—	20	—	—	—	—
Finland	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—
Ghana	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	—	—	79	—	—
Greece	—	—	—	—	—	—	—	—
Guatemala	0	—	—	109	—	306	—	—
Honduras	0	—	—	50	—	287	—	—
Hong Kong	—	—	—	0	—	—	—	—
India	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—
Ireland	—	—	—	—	—	—	—	—
Israel	—	—	—	333	—	—	—	—
Italy	—	—	—	—	—	—	—	—
Jamaica	—	—	—	120	—	—	—	—
Japan	—	—	—	—	—	—	—	—
Korea, South	—	—	—	0	—	—	—	—
Lebanon	—	—	—	0	—	380	—	—
Mexico	1	—	—	1,901	—	647	—	—
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	—	—	—
Mozambique	—	—	—	—	—	—	—	—
Netherlands	1	—	—	—	—	327	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—
New Zealand	—	—	—	—	—	—	—	—
Nicaragua	60	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—
Pakistan	—	—	—	—	—	—	—	—
Panama	0	—	—	653	—	303	—	—
Peru	—	—	—	300	—	111	—	—
Philippines	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—
Puerto Rico	0	—	—	—	—	1	—	—
Romania	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—
Serbia	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	1,476	—	—
South Africa	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	0	—	—
Switzerland	—	—	—	—	—	—	—	—
Taiwan	—	—	—	—	—	0	—	—
Thailand	—	—	—	—	—	0	—	—
Trinidad and Tobago	0	—	—	—	—	—	—	—
Turkey	—	—	—	—	—	—	—	—
United Arab Emirates	0	—	—	—	—	245	—	—
United Kingdom	—	—	—	—	—	1,225	—	—
Venezuela	—	—	—	27	—	—	—	—
Other	64	—	—	229	—	985	—	—
Total	136	—	—	5,801	—	8,187	—	—

See footnotes at end of table.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-January 2018
(Thousand Barrels) — Continued

Destination	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
Argentina	1	—	0	93	—	1,392	1,392	—	45	45
Australia	0	490	—	43	0	854	854	—	28	28
Bahamas	—	—	1	7	—	1,204	1,204	—	39	39
Bahrain	—	—	—	0	—	0	0	—	0	0
Belgium	0	620	—	346	—	1,941	1,941	—	63	63
Belize	—	—	—	1	—	75	75	—	2	2
Brazil	1	1,708	0	460	1	10,959	11,053	3	354	357
Canada	78	573	99	282	7	17,583	28,604	356	567	923
Cayman Islands	—	—	2	1	—	185	185	—	6	6
Chile	0	—	49	67	0	4,347	4,347	—	140	140
China	1	1,675	2	18	3	6,023	15,734	313	194	508
Colombia	0	1	0	137	0	1,990	2,976	32	64	96
Costa Rica	0	—	31	12	0	1,728	1,728	—	56	56
Denmark	—	150	—	0	—	150	150	—	5	5
Dominican Republic	1	149	42	40	—	1,353	1,353	—	44	44
Ecuador	0	191	0	17	—	2,266	2,266	—	73	73
Egypt	—	251	—	10	—	1,293	1,293	—	42	42
El Salvador	0	—	0	34	—	992	992	—	32	32
Finland	—	—	—	0	—	0	0	—	0	0
France	0	479	—	83	—	1,638	1,638	—	53	53
Germany	1	0	1	82	0	86	86	—	3	3
Ghana	—	—	—	1	—	1	1	—	0	0
Gibraltar	—	—	—	—	—	384	384	—	12	12
Greece	—	271	—	0	—	271	271	—	9	9
Guatemala	0	175	—	16	—	2,942	2,942	—	95	95
Honduras	0	—	0	8	—	1,508	1,508	—	49	49
Hong Kong	0	249	—	5	0	254	1,911	53	8	62
India	0	1,152	2	290	0	4,005	5,004	32	129	161
Indonesia	0	—	1	1	0	1,644	1,644	—	53	53
Ireland	—	—	—	—	—	—	—	—	—	—
Israel	0	—	—	2	0	340	340	—	11	11
Italy	1	1,210	0	0	—	1,448	4,435	96	47	143
Jamaica	—	—	—	6	—	639	639	—	21	21
Japan	1	1,645	0	12	4	10,986	10,986	—	354	354
Korea, South	0	287	2	2	0	2,282	2,282	—	74	74
Lebanon	—	—	—	7	—	388	388	—	13	13
Mexico	18	1,460	206	775	73	42,280	42,280	—	1,364	1,364
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	—	656	—	—	—	1,984	1,984	—	64	64
Mozambique	—	55	—	—	—	55	55	—	2	2
Netherlands	1	146	1	11	0	4,072	8,960	158	131	289
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
New Zealand	0	66	—	2	—	68	68	—	2	2
Nicaragua	—	—	—	5	—	258	504	8	8	16
Nigeria	—	—	—	96	—	718	718	—	23	23
Norway	0	58	—	0	—	623	2,369	56	20	76
Pakistan	—	0	—	0	—	0	0	—	0	0
Panama	—	—	67	11	0	2,407	2,407	—	78	78
Peru	0	—	—	66	0	3,295	3,295	—	106	106
Philippines	0	—	—	1	0	48	48	—	2	2
Portugal	—	—	—	0	—	161	786	20	5	25
Puerto Rico	0	—	—	20	—	31	31	—	1	1
Romania	—	—	—	0	—	320	320	—	10	10
Saudi Arabia	0	3	—	2	0	61	61	—	2	2
Serbia	—	—	—	—	—	—	—	—	—	—
Singapore	0	—	1	654	0	6,374	6,374	—	206	206
South Africa	0	33	0	76	—	110	110	—	4	4
Spain	0	915	—	1	—	1,637	2,160	17	53	70
Switzerland	0	—	—	0	—	338	338	—	11	11
Taiwan	0	—	1	4	0	300	3,848	114	10	124
Thailand	0	—	0	3	—	18	403	12	1	13
Trinidad and Tobago	—	—	—	5	—	6	6	—	0	0
Turkey	0	1,430	—	24	—	2,547	2,547	—	82	82
United Arab Emirates	0	0	0	47	—	295	295	—	10	10
United Kingdom	0	127	0	1	0	3,451	4,485	33	111	145
Venezuela	0	—	—	1	—	3,455	3,455	—	111	111
Other	2	407	37	51	3	5,403	6,540	39	171	207
Total	106	16,632	545	3,939	91	163,466	205,053	1,342	5,273	6,615

— = No Data Reported.

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

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

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

Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, January 2018
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	2,695	-3	-	57	-	-59	-59	-	52	52
Algeria	133	5	-	97	-	-	-	-	-	-
Angola	71	-	-	-	-	-	-	-	-	-
Ecuador	153	-	-	-	-	-17	-17	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	699	-	-	-	-	-	-	-	-	-
Kuwait	96	-	-	-	-	-	-	-	-	-
Libya	71	-	-	-	-	-	-	-	-	-
Nigeria	323	-	-	11	-	-17	-17	-	15	15
Qatar	-	-	-	-31	-	-	-	-	-	-
Saudi Arabia	710	-	-	0	-	-	-	-	-	-
United Arab Emirates	-	0	-	18	-	-	-	-	-	-
Venezuela	438	-8	-	-37	-	-25	-25	-	37	37
Non-OPEC	3,976	-1,239	21	356	-	-989	-989	182	191	373
Argentina	-	-	-	-7	-	-17	-17	-	9	9
Aruba	-	-	-	-	-	-2	-2	0	-	0
Australia	-	0	-	0	-	-10	-10	0	-	0
Bahamas	-	-2	-	-	-	-21	-21	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	0	-	71	-	-	-	-	4	4
Brazil	197	-5	-	-4	-	-118	-118	-	21	21
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	11	0	-	-	-	-	-	-	-	-
Canada	3,422	-63	17	-45	-	-39	-39	114	32	146
Chad	84	-	-	-	-	-	-	-	-	-
China	-313	-135	-	-5	-	-	-	-	-	-
Colombia	437	-1	-	-32	-	-10	-10	-	13	13
Denmark	-	-	-	-	-	-	-	-	-	-
Dominican Republic	-	-24	-	0	-	-5	-5	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	12	-	-	-	-	-	-
France	-	-8	-	0	-	-	-	29	0	29
Germany	-	0	-	2	-	-	-	-	-	-
Guatemala	17	-7	-	0	-	-31	-31	-	0	0
Honduras	-	-9	-	-	-	-17	-17	-	-	-
India	-32	-80	-	-1	-	-	-	-	17	17
Indonesia	45	-52	-	-1	-	0	0	-	-	-
Italy	-89	-8	-	0	-	-	-	-	-	-
Japan	-	-258	-	-11	-	0	0	0	0	0
Korea, South	-	-52	-	-1	-	-9	-9	0	-	0
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	0	-	-	-	-	0	0
Mexico	605	-150	-	-4	-	-574	-574	0	-16	-16
Netherlands	-158	-68	-	30	-	-35	-35	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	-24	-5	-	11	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Panama	-	0	-	-2	-	-18	-18	-	0	0
Portugal	-20	-5	-	-	-	-	-	-	19	19
Puerto Rico	-	0	-	0	-	0	0	-	0	0
Russia	-	-	-	295	-	-	-	-	32	32
Spain	-17	-18	-	7	-	-	-	-	47	47
Sweden	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	2	-	-	-	0	0	-	-	-
United Kingdom	-9	-44	-	0	-	9	9	40	0	40
Vietnam	-	0	-	0	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	0	0	-	0	0
Yemen	-	-	-	-	-	-	-	-	-	-
Other	-180	-247	4	41	-	-92	-92	-1	13	12
Total	6,671	-1,242	21	414	-	-1,048	-1,048	182	243	426
Persian Gulf²	1,505	0	-	-13	-	-	-	-	-	-

See footnotes at end of table.

Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, January 2018
(Thousand Barrels per Day) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	-7	-	-5	-	-	-	6	-9	-17	-	-19
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	0	-	-	-	-17	-9	-17	-	-42
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	0	-	-	-	0
Nigeria	-	-	-3	-	-	-	-	-	-	-	-
Qatar	-	-	0	-	-	-	20	-	-	-	20
Saudi Arabia	-	-	-2	-	-	-	31	-	-	-	31
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-7	-	-	-	-	-	-29	-	-	-	-29
Non-OPEC	-38	-30	-63	5	16	-	-704	-100	-10	5	-809
Argentina	-	0	0	-	-	-	-17	-1	-	-	-17
Aruba	-	-	-	-	-	-	-1	-	-	-	-1
Australia	-	-	0	-	-	-	0	-	-	-	0
Bahamas	-	0	0	-	-	-	-1	-	-	-	-1
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	0	0	-	-	-	-6	-	-8	-	-14
Brazil	3	2	-31	-	-	-	-58	-26	-	-	-84
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	0	-15	4	-	-	87	-6	25	0	106
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	0	0	0	-	-	0	-	-	-	0
Colombia	-	-	-2	-	-	-	-8	-	-	-	-8
Denmark	-	-	-	-	-	-	-	-	-	-	-
Dominican Republic	-	-	0	-	-	-	0	-	-	-	0
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	0	-	-	-	-	-26	-	-	-	-26
Germany	-	0	0	3	-	-	-	-	-	-	0
Guatemala	-	-	-	-	-	-	-16	-22	-	-	-38
Honduras	-	-	-	-	-	-	-6	-5	-	-	-11
India	-	0	-2	-	-	-	12	-	-	-	12
Indonesia	-	0	0	-	-	-	-	-	-	-	-
Italy	-	0	-	-	-	-	-	-	-	-	-
Japan	-	-32	0	-	-	-	0	-	-	-	0
Korea, South	-	0	-3	-	-	-	0	-	-	-	0
Latvia	-	0	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	0	-	-	-	-	-	-	-	-	-
Mexico	-35	0	0	-1	-	-	-408	-10	8	-	-410
Netherlands	-	-	-2	-	-	-	17	-	-	2	19
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-2	-	-	-	5	-	-	-	5
Panama	-	-	-	-	-	-	-25	0	-	-	-25
Portugal	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	0	0	-	-	-	0	0	-	-	0
Russia	-	-	-	-	-	-	11	8	8	1	28
Spain	-	-	-	-	-	-	-5	-	-	-	-5
Sweden	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	0	-	-	0	-	-	-	0
United Kingdom	-	0	0	-	-	-	-23	-	-	-	-23
Vietnam	-	0	0	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-6	0	-6	-1	16	-	-236	-38	-43	2	-316
Total	-45	-30	-68	5	16	-	-698	-108	-27	5	-828
Persian Gulf²	-	-	-2	-	-	-	52	-	-	-	52

See footnotes at end of table.

Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, January 2018
(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	-	-	10	1	34	-	-
Algeria	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	1	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	0	-	-	-	-	-	-	-
Kuwait	-	-	-	4	-	-	-	-
Libya	-	-	-	-	-	5	-	-
Nigeria	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	2	1	-	-	-
United Arab Emirates	0	-	-	-	-	-8	-	-
Venezuela	-	-	-	4	-	36	-	-
Non-OPEC	7	0	-	-65	20	-64	14	3
Argentina	-	-	-	-	-	9	-	-
Aruba	-	-	-	-4	-	-	-	-
Australia	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-2	-	-11	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	1	2	-	-
Brazil	-	-	-	-1	1	4	-	-
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-
Canada	0	0	-	-30	2	-8	2	2
Chad	-	-	-	-	-	-	-	-
China	0	-	-	23	-	-	-	-
Colombia	0	-	-	-	-	18	-	-
Denmark	-	-	-	-	-	-	-	-
Dominican Republic	-	-	-	-4	-	-3	-	-
Estonia	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-
France	-	-	-	-	1	-	-	1
Germany	-	-	-	-	0	-	-	-
Guatemala	0	-	-	-4	-	-10	-	-
Honduras	0	-	-	-2	-	-9	-	-
India	-	-	-	21	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-
Japan	-	-	-	-	1	-	2	-
Korea, South	11	-	-	57	13	-	-	-
Latvia	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-
Mexico	0	-	-	-61	-	26	7	-
Netherlands	0	-	-	-	0	-2	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-
Panama	0	-	-	-21	-	-10	-	-
Portugal	-	-	-	-	-	-	-	-
Puerto Rico	0	-	-	-	-	0	-	-
Russia	-	-	-	-	-	31	-	-
Spain	-	-	-	-	-	0	-	-
Sweden	-2	-	-	-	-	-	-	-
Trinidad and Tobago	0	-	-	-	-	21	-	-
United Kingdom	-	-	-	-	-	-40	1	-
Vietnam	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	0	-	-	0	-	-23	-	-
Yemen	-	-	-	-	-	-	-	-
Other	-2	0	-	-37	1	-59	2	0
Total	7	0	-	-56	22	-30	14	3
Persian Gulf²	0	-	-	6	1	-8	-	-

See footnotes at end of table.

Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, January 2018
(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	-6	7	2	0	64	2,759
Algeria	-	-	-	0	-	101	234
Angola	-	-	-	-	-	-	71
Ecuador	0	-6	0	-1	-	-65	88
Equatorial Guinea	-	-	-	0	-	0	0
Gabon	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-
Iraq	-	-	-	0	-	0	699
Kuwait	-	-	0	0	-	4	100
Libya	-	-	-	-	-	5	76
Nigeria	-	-	-	-3	-	3	326
Qatar	0	-	-	5	-	-5	-5
Saudi Arabia	0	0	-	0	0	33	742
United Arab Emirates	0	0	0	1	-	10	10
Venezuela	0	-	7	0	-	-21	417
Non-OPEC	2	-511	4	-88	-2	-3,076	900
Argentina	0	4	0	-3	-	-23	-23
Aruba	-	-	0	0	-	-7	-7
Australia	0	-16	-	-1	0	-28	-28
Bahamas	-	-	0	0	-	-39	-39
Bahrain	-	-	-	2	-	2	2
Belgium	0	-20	-	-11	-	33	33
Brazil	0	-55	0	-15	0	-282	-85
Brunei	-	0	-	-	-	0	0
Cameroon	-	-	-	0	-	0	11
Canada	-1	-17	16	2	0	79	3,502
Chad	-	-	-	-	-	-	84
China	3	-51	0	-1	0	-166	-479
Colombia	0	5	0	-4	0	-21	416
Denmark	-	-5	-	0	-	-5	-5
Dominican Republic	0	-5	-1	-1	-	-44	-44
Estonia	-	-	-	0	-	0	0
Finland	-	-	-	0	-	12	12
France	0	-15	-	-2	-	-22	-22
Germany	0	0	0	-2	0	4	4
Guatemala	0	-6	-	-1	-	-95	-78
Honduras	0	-	0	0	-	-49	-49
India	0	-37	0	-9	0	-79	-112
Indonesia	0	-	0	2	0	-51	-6
Italy	0	-39	0	0	-	-46	-136
Japan	1	-53	0	0	0	-350	-350
Korea, South	0	-9	0	13	0	21	21
Latvia	-	-	-	-	-	0	0
Lithuania	-	-	-	-	-	-	-
Malaysia	0	-	0	0	0	0	0
Mexico	-1	-47	-7	-25	-2	-1,300	-694
Netherlands	0	-5	0	0	1	-63	-220
Netherlands Antilles	-	-	-	-	-	-	-
Norway	0	-2	-	0	-	5	-20
Oman	0	0	-	0	-	4	4
Panama	-	-	-2	0	0	-78	-78
Portugal	-	-	-	0	-	14	-6
Puerto Rico	0	-	-	-1	-	-1	-1
Russia	0	-1	-	0	-	385	385
Spain	0	-30	-	0	-	1	-16
Sweden	0	0	-	0	0	-2	-2
Trinidad and Tobago	-	-	-	0	-	22	22
United Kingdom	0	1	0	0	0	-56	-65
Vietnam	0	-	-	0	-	0	0
Virgin Islands, U.S.	-	-	0	0	-	-24	-24
Yemen	-	-	-	-	-	-	-
Other	0	-108	-2	-31	-1	-827	-1,007
Total	2	-518	11	-85	-2	-3,012	3,659
Persian Gulf²	0	0	0	8	0	44	1,549

- = No Data Reported.

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

² Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

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

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

Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-January 2018
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	2,695	-3	-	57	-	-59	-59	-	52	52
Algeria	133	5	-	97	-	-	-	-	-	-
Angola	71	-	-	-	-	-	-	-	-	-
Ecuador	153	-	-	-	-	-17	-17	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	699	-	-	-	-	-	-	-	-	-
Kuwait	96	-	-	-	-	-	-	-	-	-
Libya	71	-	-	-	-	-	-	-	-	-
Nigeria	323	-	-	11	-	-17	-17	-	15	15
Qatar	-	-	-	-31	-	-	-	-	-	-
Saudi Arabia	710	-	-	0	-	-	-	-	-	-
United Arab Emirates	-	0	-	18	-	-	-	-	-	-
Venezuela	438	-8	-	-37	-	-25	-25	-	37	37
Non-OPEC	3,976	-1,239	21	356	-	-989	-989	182	191	373
Argentina	-	-	-	-7	-	-17	-17	-	9	9
Aruba	-	-	-	-	-	-2	-2	0	-	0
Australia	-	0	-	0	-	-10	-10	0	-	0
Bahamas	-	-2	-	-	-	-21	-21	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	0	-	71	-	-	-	-	4	4
Brazil	197	-5	-	-4	-	-118	-118	-	21	21
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	11	0	-	-	-	-	-	-	-	-
Canada	3,422	-63	17	-45	-	-39	-39	114	32	146
Chad	84	-	-	-	-	-	-	-	-	-
China	-313	-135	-	-5	-	-	-	-	-	-
Colombia	437	-1	-	-32	-	-10	-10	-	13	13
Denmark	-	-	-	-	-	-	-	-	-	-
Dominican Republic	-	-24	-	0	-	-5	-5	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	12	-	-	-	-	-	-
France	-	-8	-	0	-	-	-	29	0	29
Germany	-	0	-	2	-	-	-	-	-	-
Guatemala	17	-7	-	0	-	-31	-31	-	0	0
Honduras	-	-9	-	-	-	-17	-17	-	-	-
India	-32	-80	-	-1	-	-	-	-	17	17
Indonesia	45	-52	-	-1	-	0	0	-	-	-
Italy	-89	-8	-	0	-	-	-	-	-	-
Japan	-	-258	-	-11	-	0	0	0	0	0
Korea, South	-	-52	-	-1	-	-9	-9	0	-	0
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	0	-	-	-	-	0	0
Mexico	605	-150	-	-4	-	-574	-574	0	-16	-16
Netherlands	-158	-68	-	30	-	-35	-35	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	-24	-5	-	11	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Panama	-	0	-	-2	-	-18	-18	-	0	0
Portugal	-20	-5	-	-	-	-	-	-	19	19
Puerto Rico	-	0	-	0	-	0	0	-	0	0
Russia	-	-	-	295	-	-	-	-	32	32
Spain	-17	-18	-	7	-	-	-	-	47	47
Sweden	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	2	-	-	-	0	0	-	-	-
United Kingdom	-9	-44	-	0	-	9	9	40	0	40
Vietnam	-	0	-	0	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	0	0	-	0	0
Yemen	-	-	-	-	-	-	-	-	-	-
Other	-180	-247	4	41	-	-92	-92	-1	13	12
Total	6,671	-1,242	21	414	-	-1,048	-1,048	182	243	426
Persian Gulf²	1,505	0	-	-13	-	-	-	-	-	-

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-January 2018
(Thousand Barrels per Day) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	-7	-	-5	-	-	-	6	-9	-17	-	-19
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	0	-	-	-	-17	-9	-17	-	-42
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	0	-	-	-	0
Nigeria	-	-	-3	-	-	-	-	-	-	-	-
Qatar	-	-	0	-	-	-	20	-	-	-	20
Saudi Arabia	-	-	-2	-	-	-	31	-	-	-	31
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-7	-	-	-	-	-	-29	-	-	-	-29
Non-OPEC	-38	-30	-63	5	16	-	-704	-100	-10	5	-809
Argentina	-	0	0	-	-	-	-17	-1	-	-	-17
Aruba	-	-	-	-	-	-	-1	-	-	-	-1
Australia	-	-	0	-	-	-	0	-	-	-	0
Bahamas	-	0	0	-	-	-	-1	-	-	-	-1
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	0	0	-	-	-	-6	-	-8	-	-14
Brazil	3	2	-31	-	-	-	-58	-26	-	-	-84
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	0	-15	4	-	-	87	-6	25	0	106
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	0	0	0	-	-	0	-	-	-	0
Colombia	-	-	-2	-	-	-	-8	-	-	-	-8
Denmark	-	-	-	-	-	-	-	-	-	-	-
Dominican Republic	-	-	0	-	-	-	0	-	-	-	0
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	0	-	-	-	-	-26	-	-	-	-26
Germany	-	0	0	3	-	-	-	-	-	-	0
Guatemala	-	-	-	-	-	-	-16	-22	-	-	-38
Honduras	-	-	-	-	-	-	-6	-5	-	-	-11
India	-	0	-2	-	-	-	12	-	-	-	12
Indonesia	-	0	0	-	-	-	-	-	-	-	-
Italy	-	0	-	-	-	-	-	-	-	-	-
Japan	-	-32	0	-	-	-	0	-	-	-	0
Korea, South	-	0	-3	-	-	-	0	-	-	-	0
Latvia	-	0	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	0	-	-	-	-	-	-	-	-	-
Mexico	-35	0	0	-1	-	-	-408	-10	8	-	-410
Netherlands	-	-	-2	-	-	-	17	-	-	2	19
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-2	-	-	-	5	-	-	-	5
Panama	-	-	-	-	-	-	-25	0	-	-	-25
Portugal	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	0	0	-	-	-	0	0	-	-	0
Russia	-	-	-	-	-	-	11	8	8	1	28
Spain	-	-	-	-	-	-	-5	-	-	-	-5
Sweden	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	0	-	-	0	-	-	-	0
United Kingdom	-	0	0	-	-	-	-23	-	-	-	-23
Vietnam	-	0	0	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-6	0	-6	-1	16	-	-236	-38	-43	2	-316
Total	-45	-30	-68	5	16	-	-698	-108	-27	5	-828
Persian Gulf²	-	-	-2	-	-	-	52	-	-	-	52

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-January 2018
(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	-	-	10	1	34	-	-
Algeria	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	1	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	0	-	-	-	-	-	-	-
Kuwait	-	-	-	4	-	-	-	-
Libya	-	-	-	-	-	5	-	-
Nigeria	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	2	1	-	-	-
United Arab Emirates	0	-	-	-	-	-8	-	-
Venezuela	-	-	-	4	-	36	-	-
Non-OPEC	7	0	-	-65	20	-64	14	3
Argentina	-	-	-	-	-	9	-	-
Aruba	-	-	-	-4	-	-	-	-
Australia	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-2	-	-11	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	1	2	-	-
Brazil	-	-	-	-1	1	4	-	-
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-
Canada	0	0	-	-30	2	-8	2	2
Chad	-	-	-	-	-	-	-	-
China	0	-	-	23	-	-	-	-
Colombia	0	-	-	-	-	18	-	-
Denmark	-	-	-	-	-	-	-	-
Dominican Republic	-	-	-	-4	-	-3	-	-
Estonia	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-
France	-	-	-	-	1	-	-	1
Germany	-	-	-	-	0	-	-	-
Guatemala	0	-	-	-4	-	-10	-	-
Honduras	0	-	-	-2	-	-9	-	-
India	-	-	-	21	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-
Japan	-	-	-	-	1	-	2	-
Korea, South	11	-	-	57	13	-	-	-
Latvia	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-
Mexico	0	-	-	-61	-	26	7	-
Netherlands	0	-	-	-	0	-2	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-
Panama	0	-	-	-21	-	-10	-	-
Portugal	-	-	-	-	-	-	-	-
Puerto Rico	0	-	-	-	-	0	-	-
Russia	-	-	-	-	-	31	-	-
Spain	-	-	-	-	-	0	-	-
Sweden	-2	-	-	-	-	-	-	-
Trinidad and Tobago	0	-	-	-	-	21	-	-
United Kingdom	-	-	-	-	-	-40	1	-
Vietnam	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	0	-	-	0	-	-23	-	-
Yemen	-	-	-	-	-	-	-	-
Other	-2	0	-	-37	1	-59	2	0
Total	7	0	-	-56	22	-30	14	3
Persian Gulf²	0	-	-	6	1	-8	-	-

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-January 2018
(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	-6	7	2	0	64	2,759
Algeria	-	-	-	0	-	101	234
Angola	-	-	-	-	-	-	71
Ecuador	0	-6	0	-1	-	-65	88
Equatorial Guinea	-	-	-	0	-	0	0
Gabon	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-
Iraq	-	-	-	0	-	0	699
Kuwait	-	-	0	0	-	4	100
Libya	-	-	-	-	-	5	76
Nigeria	-	-	-	-3	-	3	326
Qatar	0	-	-	5	-	-5	-5
Saudi Arabia	0	0	-	0	0	33	742
United Arab Emirates	0	0	0	1	-	10	10
Venezuela	0	-	7	0	-	-21	417
Non-OPEC	2	-511	4	-88	-2	-3,076	900
Argentina	0	4	0	-3	-	-23	-23
Aruba	-	-	0	0	-	-7	-7
Australia	0	-16	-	-1	0	-28	-28
Bahamas	-	-	0	0	-	-39	-39
Bahrain	-	-	-	2	-	2	2
Belgium	0	-20	-	-11	-	33	33
Brazil	0	-55	0	-15	0	-282	-85
Brunei	-	0	-	-	-	0	0
Cameroon	-	-	-	0	-	0	11
Canada	-1	-17	16	2	0	79	3,502
Chad	-	-	-	-	-	-	84
China	3	-51	0	-1	0	-166	-479
Colombia	0	5	0	-4	0	-21	416
Denmark	-	-5	-	0	-	-5	-5
Dominican Republic	0	-5	-1	-1	-	-44	-44
Estonia	-	-	-	0	-	0	0
Finland	-	-	-	0	-	12	12
France	0	-15	-	-2	-	-22	-22
Germany	0	0	0	-2	0	4	4
Guatemala	0	-6	-	-1	-	-95	-78
Honduras	0	-	0	0	-	-49	-49
India	0	-37	0	-9	0	-79	-112
Indonesia	0	-	0	2	0	-51	-6
Italy	0	-39	0	0	-	-46	-136
Japan	1	-53	0	0	0	-350	-350
Korea, South	0	-9	0	13	0	21	21
Latvia	-	-	-	-	-	0	0
Lithuania	-	-	-	-	-	-	-
Malaysia	0	-	0	0	0	0	0
Mexico	-1	-47	-7	-25	-2	-1,300	-694
Netherlands	0	-5	0	0	1	-63	-220
Netherlands Antilles	-	-	-	-	-	-	-
Norway	0	-2	-	0	-	5	-20
Oman	0	0	-	0	-	4	4
Panama	-	-	-2	0	0	-78	-78
Portugal	-	-	-	0	-	14	-6
Puerto Rico	0	-	-	-1	-	-1	-1
Russia	0	-1	-	0	-	385	385
Spain	0	-30	-	0	-	1	-16
Sweden	0	0	-	0	0	-2	-2
Trinidad and Tobago	-	-	-	0	-	22	22
United Kingdom	0	1	0	0	0	-56	-65
Vietnam	0	-	-	0	-	0	0
Virgin Islands, U.S.	-	-	0	0	-	-24	-24
Yemen	-	-	-	-	-	-	-
Other	0	-108	-2	-31	-1	-827	-1,007
Total	2	-518	11	-85	-2	-3,012	3,659
Persian Gulf²	0	0	0	8	0	44	1,549

- = No Data Reported.

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

² Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

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

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

Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, January 2018
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil	13,698	118,248	880,542	21,574	50,074	1,084,136
Refinery	11,565	13,476	47,257	2,604	22,541	97,443
Tank Farms and Pipelines (Includes Cushing, OK)	2,133	104,772	169,051	18,970	21,845	316,771
Cushing, Oklahoma	-	36,342	-	-	-	36,342
Leases	-	-	-	-	-	-
Strategic Petroleum Reserve ¹	-	-	664,234	-	-	664,234
Alaskan In Transit	-	-	-	-	5,688	5,688
Total Stocks, All Oils (excluding Crude Oil)²	156,341	173,952	347,490	20,804	96,718	795,306
Refinery	17,350	53,018	127,041	10,850	54,207	262,466
Bulk Terminal	111,190	84,138	165,544	5,735	37,303	403,911
Pipeline	27,572	35,561	51,588	4,078	5,006	123,805
Natural Gas Processing Plant	229	1,235	3,317	141	202	5,124
Natural Gas Liquids	4,905	37,755	102,754	2,933	2,586	150,933
Refinery	490	3,625	5,268	410	1,437	11,230
Bulk Terminal	3,450	17,635	78,155	312	938	100,490
Pipeline	736	15,260	16,014	2,070	9	34,089
Natural Gas Processing Plant	229	1,235	3,317	141	202	5,124
Ethane	482	5,375	45,033	471	-	51,361
Refinery	-	-	179	-	-	179
Bulk Terminal	292	2,299	37,883	-	-	40,474
Pipeline	190	2,869	5,473	469	-	9,001
Natural Gas Processing Plant	-	207	1,498	2	-	1,707
Propane	3,093	13,227	27,210	1,166	976	45,672
Refinery	122	1,086	789	50	86	2,133
Bulk Terminal	2,345	7,654	19,947	223	844	31,013
Pipeline	-	-	-	-	-	-
Natural Gas Processing Plant	107	498	987	62	37	1,691
Normal Butane	835	8,078	15,737	659	1,142	26,451
Refinery	262	1,678	2,409	241	912	5,502
Bulk Terminal	526	5,151	11,061	80	88	16,906
Pipeline	6	1,047	1,846	312	-	3,211
Natural Gas Processing Plant	41	202	421	26	142	832
Isobutane	132	2,029	5,583	284	444	8,472
Refinery	106	509	1,487	108	437	2,647
Bulk Terminal	-	853	2,830	-	-	3,683
Pipeline	11	518	968	164	-	1,661
Natural Gas Processing Plant	15	149	298	12	7	481
Natural Gasoline	363	9,046	9,191	353	24	18,977
Refinery	-	352	404	11	2	769
Bulk Terminal	287	1,678	6,434	9	6	8,414
Pipeline	10	6,837	2,240	294	-	9,381
Natural Gas Processing Plant	66	179	113	39	16	413
Refinery Olefins	300	562	4,825	55	46	5,788
Refinery	300	552	1,670	55	46	2,623
Bulk Terminal	-	10	3,155	-	-	3,165
Pipeline	-	-	-	-	-	-
Natural Gas Processing Plant	-	-	-	-	-	-
Ethylene	-	-	0	-	-	0
Refinery	-	-	0	-	-	0
Bulk Terminal	-	-	-	-	-	-
Pipeline	-	-	-	-	-	-
Natural Gas Processing Plant	-	-	-	-	-	-
Propylene	128	467	4,325	4	43	4,967
Refinery	128	457	1,170	4	43	1,802
Bulk Terminal	-	10	3,155	-	-	3,165
Pipeline	-	-	-	-	-	-
Natural Gas Processing Plant	-	-	-	-	-	-
Butylene	155	95	500	51	3	804
Refinery	155	95	500	51	3	804
Bulk Terminal	-	-	-	-	-	-
Pipeline	-	-	-	-	-	-
Natural Gas Processing Plant	-	-	-	-	-	-
Isobutylene	17	0	0	0	0	17
Refinery	17	0	0	0	0	17
Bulk Terminal	-	-	-	-	-	-
Pipeline	-	-	-	-	-	-
Natural Gas Processing Plant	-	-	-	-	-	-
Other Hydrocarbons	-	51	5	-	-	56
Refinery	-	51	5	-	-	56
Oxygenates (excluding Fuel Ethanol)	-	7	1,545	-	-	1,552
Refinery	-	-	-	-	-	-
Bulk Terminal	-	7	1,545	-	-	1,552
Pipeline	-	-	-	-	-	-

See footnotes at end of table.

Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, January 2018
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
MTBE	—	—	1,141	—	—	1,141
Refinery	—	—	—	—	—	—
Bulk Terminal ³	—	—	1,141	—	—	1,141
Pipeline	—	—	—	—	—	—
Other Oxygenates⁴	—	7	404	—	—	411
Refinery	—	—	—	—	—	—
Bulk Terminal	—	7	404	—	—	411
Pipeline	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	9,391	9,826	5,951	365	4,326	29,860
Refinery	152	140	364	112	176	944
Bulk Terminal	9,239	9,686	5,587	250	4,150	28,913
Pipeline	—	—	—	3	—	3
Fuel Ethanol²	7,659	8,940	4,486	355	2,789	24,229
Refinery	147	106	174	106	31	564
Bulk Terminal	7,512	8,834	4,312	246	2,758	23,662
Pipeline	—	—	—	3	—	3
Renewable Diesel Fuel	1,732	886	1,461	10	1,510	5,600
Refinery	5	34	190	6	145	380
Bulk Terminal	1,727	852	1,271	4	1,365	5,220
Pipeline	—	—	—	—	—	—
Other Renewable Fuels	—	—	4	—	27	31
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	4	—	27	31
Pipeline	—	—	—	—	—	—
Unfinished Oils	4,809	14,373	46,820	2,880	20,736	89,618
Naphthas and Lighter	1,608	4,070	10,779	598	3,350	20,405
Refinery	1,345	3,951	10,278	598	3,233	19,405
Bulk Terminal	263	119	501	—	117	1,000
Kerosene and Light Gas Oils	737	2,796	10,085	586	4,661	18,865
Refinery	724	2,796	7,629	586	4,473	16,208
Bulk Terminal	13	—	2,456	—	188	2,657
Heavy Gas Oils	1,880	4,899	20,325	1,135	10,164	38,403
Refinery	1,863	4,890	18,360	1,135	9,703	35,951
Bulk Terminal	17	9	1,965	—	461	2,452
Residuum	584	2,608	5,631	561	2,561	11,945
Refinery	584	2,331	5,536	561	2,534	11,546
Bulk Terminal	—	277	95	—	27	399
Motor Gasoline Blending Components²	59,746	50,411	74,943	5,911	31,707	222,718
Refinery	5,815	14,696	28,960	3,117	15,390	67,978
Bulk Terminal	42,773	25,697	29,604	1,954	13,762	113,790
Pipeline	11,158	10,018	16,379	840	2,555	40,950
Reformulated - RBOB	21,378	6,680	11,197	—	15,530	54,785
Refinery	1,754	1,236	1,486	—	5,761	10,237
Bulk Terminal	15,006	4,174	6,100	—	8,205	33,485
Pipeline	4,618	1,270	3,611	—	1,564	11,063
Conventional	38,368	43,731	63,746	5,911	16,177	167,933
Refinery	4,061	13,460	27,474	3,117	9,629	57,741
Bulk Terminal	27,767	21,523	23,504	1,954	5,557	80,305
Pipeline	6,540	8,748	12,768	840	991	29,887
CBOB	25,797	36,171	34,123	4,393	8,111	108,595
Refinery	893	6,899	11,345	1,601	2,524	23,262
Bulk Terminal	18,388	20,680	10,084	1,952	4,601	55,705
Pipeline	6,516	8,592	12,694	840	986	29,628
GTAB	297	—	—	—	—	297
Refinery	—	—	—	—	—	—
Bulk Terminal	297	—	—	—	—	297
Pipeline	—	—	—	—	—	—
Other	12,274	7,560	29,623	1,518	8,066	59,041
Refinery	3,168	6,561	16,129	1,516	7,105	34,479
Bulk Terminal	9,082	843	13,420	2	956	24,303
Pipeline	24	156	74	—	5	259
Aviation Gasoline Blending Components	—	—	9	—	—	9
Refinery	—	—	9	—	—	9
Bulk Terminal	—	—	—	—	—	—
Finished Motor Gasoline	5,049	7,189	8,638	1,725	2,629	25,230
Refinery	42	1,526	3,709	761	1,140	7,178
Bulk Terminal	1,913	2,903	2,695	664	1,346	9,521
Pipeline	3,094	2,760	2,234	300	143	8,531
Reformulated	32	—	—	—	16	48
Refinery	—	—	—	—	16	16
Bulk Terminal	32	—	—	—	—	32
Pipeline	—	—	—	—	—	—
Reformulated (Blended with Fuel Ethanol)	32	—	—	—	16	48
Refinery	—	—	—	—	16	16
Bulk Terminal	32	—	—	—	—	32
Pipeline	—	—	—	—	—	—

See footnotes at end of table.

Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, January 2018
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Reformulated (Other)	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional	5,017	7,189	8,638	1,725	2,613	25,182
Refinery	42	1,526	3,709	761	1,124	7,162
Bulk Terminal	1,881	2,903	2,695	664	1,346	9,489
Pipeline	3,094	2,760	2,234	300	143	8,531
Conventional (Blended with Fuel Ethanol)	46	182	—	56	—	284
Refinery	—	—	—	50	—	50
Bulk Terminal	46	182	—	6	—	234
Pipeline	—	—	—	—	—	—
Ed55 and Lower	46	182	—	56	—	284
Refinery	—	—	—	50	—	50
Bulk Terminal	46	182	—	6	—	234
Pipeline	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional (Other)	4,971	7,007	8,638	1,669	2,613	24,898
Refinery	42	1,526	3,709	711	1,124	7,112
Bulk Terminal	1,835	2,721	2,695	658	1,346	9,255
Pipeline	3,094	2,760	2,234	300	143	8,531
Finished Aviation Gasoline	174	160	374	9	215	932
Refinery	—	78	299	9	133	519
Bulk Terminal	174	82	75	—	82	413
Pipeline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	9,248	7,003	15,540	639	10,276	42,706
Refinery	704	2,186	6,656	261	3,957	13,764
Bulk Terminal	5,767	3,103	3,535	229	5,549	18,183
Pipeline	2,777	1,714	5,349	149	770	10,759
Kerosene	1,444	125	125	1	24	1,719
Refinery	230	107	123	1	1	462
Bulk Terminal	1,190	18	2	—	23	1,233
Pipeline	24	—	—	—	—	24
Distillate Fuel Oil²	46,830	31,038	44,378	4,117	14,766	141,129
Refinery	2,662	7,422	16,926	1,863	5,891	34,764
Bulk Terminal	34,385	17,807	15,845	1,539	7,358	76,934
Pipeline	9,783	5,809	11,607	715	1,517	29,431
15 ppm sulfur and Under	37,065	30,163	37,104	3,855	13,722	121,909
Refinery	1,921	6,851	13,758	1,659	5,131	29,320
Bulk Terminal	26,705	17,672	12,854	1,483	7,262	65,976
Pipeline	8,439	5,640	10,492	713	1,329	26,613
Greater than 15 ppm to 500 ppm sulfur	4,325	334	1,934	213	320	7,126
Refinery	117	163	1,116	155	295	1,846
Bulk Terminal	4,196	6	535	56	—	4,793
Pipeline	12	165	283	2	25	487
Greater than 500 ppm sulfur	5,440	541	5,340	49	724	12,094
Refinery	624	408	2,052	49	465	3,598
Bulk Terminal	3,484	129	2,456	—	96	6,165
Pipeline	1,332	4	832	—	163	2,331
Residual Fuel Oil⁵	7,106	1,258	18,764	226	5,009	32,363
Refinery	564	1,099	3,873	226	3,051	8,813
Bulk Terminal	6,542	159	14,891	—	1,950	23,542
Pipeline	—	—	—	—	8	8
Less than 0.31% Sulfur	741	1	860	34	186	1,822
Refinery	79	—	210	34	—	323
Bulk Terminal	662	1	650	—	186	1,499
0.31% to 1.00% Sulfur	1,337	97	3,710	8	744	5,896
Refinery	74	90	280	8	636	1,088
Bulk Terminal	1,263	7	3,430	—	108	4,808
Greater than 1.00% Percent Sulfur	5,028	1,160	14,194	184	4,071	24,637
Refinery	411	1,009	3,383	184	2,415	7,402
Bulk Terminal	4,617	151	10,811	—	1,656	17,235
Petrochemical Feedstocks	71	568	2,387	—	2	3,028
Refinery	71	568	2,387	—	2	3,028
Naphtha for Petrochemical Feedstock Use	71	411	1,602	—	2	2,086
Other Oils for Petrochemical Feedstock Use	—	157	785	—	—	942
Special Naphthas	39	133	969	—	56	1,197
Refinery	22	58	959	—	56	1,095
Bulk Terminal	17	75	10	—	—	102
Lubricants	964	880	8,906	—	1,012	11,762
Refinery	531	439	5,849	—	722	7,541
Bulk Terminal	433	441	3,057	—	290	4,221
Waxes	531	64	240	—	—	835
Refinery	531	64	240	—	—	835
Petroleum Coke	—	1,822	5,598	129	1,252	8,801
Refinery	—	1,822	5,598	129	1,252	8,801
Asphalt and Road Oil	5,706	10,607	4,373	1,796	1,950	24,432
Refinery	692	4,497	2,002	1,009	888	9,088
Bulk Terminal	5,014	6,110	2,371	787	1,062	15,344

Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, January 2018
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Miscellaneous Products	28	120	346	18	126	638
Refinery	28	120	341	17	122	628
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	5	1	4	10
Total Stocks, All Oils	170,039	292,200	1,228,032	42,378	146,792	1,879,442

— = No Data Reported.

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

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

² Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

Includes stocks held at fuel ethanol production facilities.

³ Includes stocks held by merchant producers.

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

⁵ Sulfur content not available for stocks held by pipelines.

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

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

Table 56. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, January 2018
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components ¹			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
PAD District 1	32	1,923	1,955	16,760	31,828	48,588	1,420
Connecticut	—	—	—	1,140	16	1,156	125
Delaware	—	—	—	1,216	552	1,768	219
District of Columbia	—	—	—	—	—	—	—
Florida	—	728	728	—	5,951	5,951	—
Georgia	—	278	278	—	2,351	2,351	—
Maine	—	—	—	362	261	623	128
Maryland	—	—	—	1,388	128	1,516	54
Massachusetts	6	—	6	1,656	85	1,741	40
New Hampshire	—	—	—	—	—	—	19
New Jersey	—	252	252	6,694	10,539	17,233	35
New York	26	—	26	806	1,975	2,781	349
North Carolina	—	183	183	—	2,325	2,325	271
Pennsylvania	—	27	27	1,086	4,655	5,741	110
Rhode Island	—	—	—	823	—	823	—
South Carolina	—	227	227	—	1,415	1,415	23
Vermont	—	46	46	—	—	—	3
Virginia	—	141	141	1,589	1,409	2,998	44
West Virginia	—	41	41	—	166	166	—
PAD District 2	—	4,429	4,429	5,410	34,983	40,393	125
Illinois	—	351	351	2,500	5,219	7,719	99
Indiana	—	325	325	1,220	4,529	5,749	—
Iowa	—	201	201	—	1,877	1,877	—
Kansas	—	279	279	—	4,016	4,016	19
Kentucky	—	406	406	420	1,195	1,615	6
Michigan	—	255	255	61	3,258	3,319	1
Minnesota	—	413	413	135	2,883	3,018	—
Missouri	—	204	204	362	592	954	—
Nebraska	—	94	94	—	771	771	—
North Dakota	—	56	56	—	986	986	—
Ohio	—	951	951	36	4,369	4,405	—
Oklahoma	—	468	468	—	2,071	2,071	—
South Dakota	—	71	71	—	454	454	—
Tennessee	—	188	188	—	1,505	1,505	—
Wisconsin	—	167	167	676	1,258	1,934	—
PAD District 3	—	6,404	6,404	7,586	50,978	58,564	125
Alabama	—	213	213	—	1,280	1,280	4
Arkansas	—	143	143	—	680	680	—
Louisiana	—	1,364	1,364	292	11,824	12,116	90
Mississippi	—	984	984	5	2,048	2,053	—
New Mexico	—	100	100	—	724	724	—
Texas	—	3,600	3,600	7,289	34,422	41,711	31
PAD District 4	—	1,425	1,425	—	5,071	5,071	1
Colorado	—	237	237	—	1,690	1,690	—
Idaho	—	268	268	—	207	207	—
Montana	—	373	373	—	1,168	1,168	—
Utah	—	102	102	—	1,197	1,197	1
Wyoming	—	445	445	—	809	809	—
PAD District 5	16	2,470	2,486	13,966	15,186	29,152	24
Alaska	—	883	883	—	—	—	23
Arizona	—	70	70	821	399	1,220	—
California	16	576	592	13,043	8,081	21,124	1
Hawaii	—	1	1	—	1,269	1,269	—
Nevada	—	118	118	15	252	267	—
Oregon	—	92	92	—	1,432	1,432	—
Washington	—	730	730	87	3,753	3,840	—
U.S. Total	48	16,651	16,699	43,722	138,046	181,768	1,695

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, January 2018
(Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil ¹				Residual Fuel Oil	Propane
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
PAD District 1	28,626	4,313	4,108	37,047	7,106	2,574
Connecticut	1,116	1,575	137	2,828	20	—
Delaware	396	21	55	472	267	13
District of Columbia	—	—	—	—	—	—
Florida	1,945	51	—	1,996	1,387	131
Georgia	705	—	—	705	319	12
Maine	749	2	796	1,547	83	—
Maryland	2,051	196	—	2,247	311	2
Massachusetts	769	766	220	1,755	165	—
New Hampshire	268	—	332	600	25	338
New Jersey	9,824	478	973	11,275	3,181	78
New York	4,758	148	308	5,214	346	422
North Carolina	870	—	6	876	—	75
Pennsylvania	3,059	254	1,015	4,328	545	1,135
Rhode Island	425	664	—	1,089	—	—
South Carolina	506	—	—	506	267	240
Vermont	15	—	12	27	—	—
Virginia	1,046	155	254	1,455	190	71
West Virginia	124	3	—	127	—	57
PAD District 2	24,523	169	537	25,229	1,258	9,238
Illinois	3,923	—	—	3,923	375	455
Indiana	3,714	—	206	3,920	88	259
Iowa	2,415	—	—	2,415	2	368
Kansas	2,326	—	—	2,326	16	5,239
Kentucky	791	—	3	794	191	131
Michigan	1,517	2	—	1,519	170	1,812
Minnesota	1,562	—	8	1,570	79	173
Missouri	697	4	6	707	—	57
Nebraska	967	—	—	967	—	251
North Dakota	903	1	—	904	31	66
Ohio	2,172	—	34	2,206	177	330
Oklahoma	1,522	84	221	1,827	33	31
South Dakota	551	—	—	551	—	21
Tennessee	549	—	—	549	37	3
Wisconsin	914	78	59	1,051	59	42
PAD District 3	26,612	1,651	4,508	32,771	18,764	21,723
Alabama	1,022	6	36	1,064	251	30
Arkansas	637	—	47	684	—	39
Louisiana	5,327	943	1,365	7,635	8,571	953
Mississippi	1,222	390	205	1,817	32	1,313
New Mexico	416	—	—	416	40	3
Texas	17,988	312	2,855	21,155	9,870	19,385
PAD District 4	3,142	211	49	3,402	226	335
Colorado	568	—	—	568	8	17
Idaho	229	—	—	229	—	—
Montana	1,144	72	—	1,216	74	21
Utah	475	50	49	574	51	235
Wyoming	726	89	—	815	93	62
PAD District 5	12,393	295	561	13,249	5,001	967
Alaska	1,209	—	65	1,274	115	3
Arizona	679	—	—	679	—	489
California	6,652	295	205	7,152	2,994	233
Hawaii	301	—	288	589	1,099	33
Nevada	507	—	3	510	—	—
Oregon	970	—	—	970	7	—
Washington	2,075	—	—	2,075	786	209
U.S. Total	95,296	6,639	9,763	111,698	32,355	34,837

— = No Data Reported.

¹ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

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

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

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-815, "Monthly Bulk Terminal 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, Barge, and Rail ¹ Between PAD Districts, January 2018
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	96	256	0	2,110	54,982	6,569	4,572	2,790	18,619
Petroleum Products	13,130	132	0	15,358	34,757	6,256	5,797	108,598	19,719
Natural Gas Liquids	5,330	132	0	3,273	21,946	3,790	648	3,723	8,846
Ethane	4,892	0	-	45	10,712	574	-	0	581
Propane	153	129	0	2,410	6,873	1,817	156	3,559	2,290
Normal Butane	159	0	0	640	1,672	748	394	156	544
Isobutane	116	3	0	178	776	271	98	8	623
Natural Gasoline	10	0	-	0	1,913	380	-	0	4,808
Refinery Olefins	0	0	-	219	496	-	-	0	0
Ethylene	-	-	-	-	-	-	-	-	-
Propylene	0	0	-	219	496	-	-	0	0
Butylene	-	-	-	-	-	-	-	-	-
Isobutylene	-	-	-	-	-	-	-	-	-
Unfinished Oils	39	0	-	0	116	-	-	45	974
Motor Gasoline Blending Components	5,283	0	0	1,326	2,038	1,017	0	52,022	4,722
Reformulated - RBOB	0	0	0	0	375	-	0	7,993	1,998
Conventional	5,283	0	0	1,326	1,663	1,017	0	44,029	2,724
CBOB	5,283	0	0	1,326	1,119	1,017	0	44,029	2,258
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	-	-	544	-	-	-	466
Renewable Fuels	0	0	0	7,963	7,785	248	5,110	389	0
Fuel Ethanol	0	0	0	7,790	7,434	230	5,006	389	0
Renewable Diesel Fuel	0	0	0	173	350	17	105	0	0
Other Renewable Fuels	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	60	0	0	470	151	117	0	6,882	443
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	60	0	0	470	151	117	0	6,882	443
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	60	0	0	470	151	117	0	6,882	443
Finished Aviation Gasoline	0	0	-	0	8	-	-	40	0
Kerosene-Type Jet Fuel	205	0	0	80	45	748	0	14,884	1,587
Kerosene	12	0	-	0	0	-	-	218	0
Distillate Fuel Oil	2,192	0	0	1,003	884	336	0	29,781	2,788
15 ppm sulfur and under	2,192	0	0	1,003	884	336	0	26,926	2,710
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	0	-	-	473	78
Greater than 500 ppm sulfur	-	0	-	0	0	-	-	2,382	-
Residual Fuel Oil	0	0	-	-	711	-	-	-	37
Petrochemical Feedstocks	9	0	-	0	88	-	-	0	0
Naphtha for Petrochemical Feedstock Use	0	0	-	-	43	-	-	-	0
Other Oils for Petrochemical Feedstock Use	9	0	-	0	45	-	-	0	0
Special Naphthas	0	0	-	-	0	-	-	-	19
Lubricants	0	0	-	0	0	-	-	318	215
Waxes	-	-	-	-	-	-	-	-	-
Marketable Petroleum Coke	0	0	0	470	351	0	0	0	0
Asphalt and Road Oil	0	0	0	554	138	0	39	296	78
Miscellaneous Products	0	0	-	-	0	-	-	-	10
Total	13,226	388	0	17,468	89,739	12,825	10,370	111,388	38,338

See footnotes at end of table.

Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, January 2018
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to		
	4	5	1	2	3	5	1	3	4
Crude Oil	0	26	0	21,162	996	0	0	0	0
Petroleum Products	0	6,344	0	8,651	7,247	3,079	0	25	89
Natural Gas Liquids	0	274	0	7,332	7,061	323	0	0	0
Ethane	0	—	0	1,655	2,083	—	0	0	0
Propane	0	0	0	3,024	2,572	90	0	0	0
Normal Butane	0	213	0	1,252	905	188	0	0	0
Isobutane	0	61	0	539	531	45	0	0	0
Natural Gasoline	0	—	0	862	970	—	0	0	0
Refinery Olefins	—	—	0	0	0	—	0	0	—
Ethylene	—	—	—	—	—	—	—	—	—
Propylene	—	—	0	0	0	—	0	0	—
Butylene	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—
Unfinished Oils	—	—	0	0	0	—	0	0	—
Motor Gasoline Blending Components	0	3,754	0	219	0	1,369	0	0	0
Reformulated - RBOB	—	2,495	0	0	0	0	0	0	—
Conventional	0	1,259	0	219	0	1,369	0	0	0
CBOB	0	1,259	0	219	0	1,369	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	—	—	—	0	0	—	—	0	—
Renewable Fuels	0	997	0	0	0	0	0	0	26
Fuel Ethanol	0	807	0	0	0	0	0	0	0
Renewable Diesel Fuel	0	190	0	0	0	0	0	0	26
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	0	0	0	451	0	320	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	0	0	0	451	0	320	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	0	0	0	451	0	320	0	0	0
Finished Aviation Gasoline	—	—	0	0	0	—	0	0	—
Kerosene-Type Jet Fuel	0	352	0	30	0	30	0	0	0
Kerosene	—	—	0	0	0	—	0	0	—
Distillate Fuel Oil	0	906	0	412	0	440	0	0	0
15 ppm sulfur and under	0	906	0	412	0	440	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	0	0	0	—	0	0	—
Greater than 500 ppm sulfur	—	—	0	—	0	—	0	0	—
Residual Fuel Oil	—	—	—	0	0	—	—	0	—
Petrochemical Feedstocks	—	—	0	0	0	—	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	—
Other Oils for Petrochemical Feedstock Use	—	—	0	0	0	—	0	0	—
Special Naphthas	—	—	—	0	0	—	—	0	—
Lubricants	—	—	0	0	0	—	0	0	—
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	0	0	136	71	126	0	25	25
Asphalt and Road Oil	0	61	0	71	115	470	0	0	38
Miscellaneous Products	—	—	—	0	0	—	—	0	—
Total	0	6,369	0	29,813	8,243	3,079	0	25	89

— = No Data Reported.

¹ Movements of crude oil, fuel ethanol and biodiesel include movements by rail. Movements of other products are by pipeline, tanker and barge only.

Renewable diesel fuel includes biodiesel and other renewable diesel.

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

Table 58. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, January 2018
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil¹	69	75	188	52,923	6,569	185	18,619	0	-
Petroleum Products²	12,717	0	3,110	23,454	6,008	86,685	17,626	0	5,012
Natural Gas Liquids	4,965	0	1,173	20,967	3,790	3,317	8,488	0	-
Ethane	4,892	0	45	10,712	574	0	581	0	-
Propane	45	0	1,128	5,960	1,817	3,317	2,094	0	-
Normal Butane	5	0	0	1,637	748	0	423	0	-
Isobutane	13	0	0	745	271	0	582	0	-
Natural Gasoline	10	0	0	1,913	380	0	4,808	0	-
Motor Gasoline Blending Components	5,283	0	914	1,494	1,017	42,263	4,722	0	3,754
Reformulated - RBOB	0	0	0	375	-	7,993	1,998	-	2,495
Conventional	5,283	0	914	1,119	1,017	34,270	2,724	0	1,259
CBOB	5,283	0	914	1,119	1,017	34,270	2,258	0	1,259
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	-	0	-	-	466	-	-
Renewable Fuels	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Renewable Fuels	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	60	0	423	102	117	3,604	310	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	60	0	423	102	117	3,604	310	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	60	0	423	102	117	3,604	310	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	205	0	61	45	748	11,927	1,587	0	352
Kerosene	12	0	0	0	-	218	0	-	-
Distillate Fuel Oil	2,192	0	539	846	336	25,356	2,519	0	906
15 ppm sulfur and under	2,192	0	539	846	336	23,081	2,441	0	906
Greater than 15 ppm to 500 ppm sulfur	0	0	0	0	-	162	78	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	2,113	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	12,786	75	3,298	76,377	12,577	86,870	36,245	0	5,012

See footnotes at end of table.

Table 58. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, January 2018
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil¹	0	20,721	347	-	0	0
Petroleum Products²	0	8,444	7,061	2,159	0	0
Natural Gas Liquids	0	7,332	7,061	-	0	0
Ethane	0	1,655	2,083	-	0	0
Propane	0	3,024	2,572	-	0	0
Normal Butane	0	1,252	905	-	0	0
Isobutane	0	539	531	-	0	0
Natural Gasoline	0	862	970	-	0	0
Motor Gasoline Blending Components	0	219	0	1,369	0	0
Reformulated - RBOB	0	0	0	0	0	-
Conventional	0	219	0	1,369	0	0
CBOB	0	219	0	1,369	0	0
GTAB	-	-	-	-	-	-
Other	-	0	0	-	0	-
Renewable Fuels	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-
Other Renewable Fuels	-	-	-	-	-	-
Finished Motor Gasoline	0	451	0	320	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	451	0	320	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	451	0	320	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	30	0	30	0	0
Kerosene	0	0	0	-	0	-
Distillate Fuel Oil	0	412	0	440	0	0
15 ppm sulfur and under	0	412	0	440	0	0
Greater than 15 ppm to 500 ppm sulfur	0	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	29,165	7,408	2,159	0	0

- = No Data Reported.

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

¹ Movements of crude oil, fuel ethanol and biodiesel include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Renewable diesel fuel includes biodiesel and other renewable diesel.

Table 59. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, January 2018
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
Crude Oil¹	27	181	-	208	1,628	-
Petroleum Products²	48	0	0	942	2,478	0
Natural Gas Liquids	-	0	-	0	0	-
Ethane	-	-	-	-	-	-
Propane	-	0	-	0	0	-
Normal Butane	-	-	-	-	-	-
Isobutane	-	-	-	-	-	-
Natural Gasoline	-	-	-	-	-	-
Unfinished Oils	39	0	-	0	116	-
Motor Gasoline Blending Components	0	0	-	412	544	-
Reformulated - RBOB	-	-	-	-	-	-
Conventional	0	0	-	412	544	-
CBOB	0	0	-	412	0	-
GTAB	-	-	-	-	-	-
Other	0	0	-	-	544	-
Renewable Fuels	0	0	0	0	924	0
Fuel Ethanol	0	0	-	0	905	-
Renewable Diesel Fuel	0	0	0	-	19	0
Other Renewable Fuels	-	-	-	-	-	-
Finished Motor Gasoline	0	0	-	47	49	-
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	0	-	47	49	-
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	0	-	47	49	-
Finished Aviation Gasoline	0	0	-	0	8	-
Kerosene-Type Jet Fuel	0	0	-	19	0	-
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	0	-	464	38	-
15 ppm sulfur and under	0	0	-	464	38	-
Greater than 15 ppm to 500 ppm sulfur	-	0	-	0	0	-
Greater than 500 ppm sulfur	-	0	-	0	0	-
Residual Fuel Oil	0	0	-	-	711	-
Less than 0.31 percent sulfur	-	-	-	-	-	-
0.31 to 1.00 percent sulfur	0	0	-	-	64	-
Greater than 1.00 percent sulfur	0	0	-	-	647	-
Petrochemical Feedstocks	9	0	-	0	88	-
Naphtha for Petrochemical Feedstock Use	0	0	-	-	43	-
Other Oils for Petrochemical Feedstock Use	9	0	-	0	45	-
Special Naphthas	0	0	-	-	0	-
Lubricants	0	0	-	0	0	-
Waxes	-	-	-	-	-	-
Marketable Petroleum Coke	-	-	-	-	-	-
Asphalt and Road Oil	0	0	-	0	0	-
Miscellaneous Products	0	0	-	-	0	-
Total	75	181	0	1,150	4,106	0

See footnotes at end of table.

Table 59. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, January 2018
(Thousand Barrels) — Continued

Commodity	From 3 to						From 5 to		
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
Crude Oil ¹	2,605	—	2,605	—	0	—	0	0	0
Petroleum Products²	21,444	174	1,101	20,169	1,674	190	0	0	0
Natural Gas Liquids	59	—	—	59	—	—	0	—	0
Ethane	—	—	—	—	—	—	—	—	—
Propane	59	—	—	59	—	—	0	—	0
Normal Butane	—	—	—	—	—	—	—	—	—
Isobutane	—	—	—	—	—	—	—	—	—
Natural Gasoline	—	—	—	—	—	—	—	—	—
Unfinished Oils	45	—	—	45	974	—	0	0	0
Motor Gasoline Blending Components	9,759	—	—	9,759	0	—	0	0	0
Reformulated - RBOB	—	—	—	—	—	—	—	—	—
Conventional	9,759	—	—	9,759	0	—	0	0	0
CBOB	9,759	—	—	9,759	0	—	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	0	—	—	0	0
Renewable Fuels	389	—	—	389	0	190	0	0	0
Fuel Ethanol	389	—	—	389	0	—	0	0	0
Renewable Diesel Fuel	—	—	—	—	0	190	—	0	0
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	3,278	—	—	3,278	133	—	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	3,278	—	—	3,278	133	—	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	3,278	—	—	3,278	133	—	0	0	0
Finished Aviation Gasoline	40	—	—	40	0	—	0	0	0
Kerosene-Type Jet Fuel	2,957	—	—	2,957	0	—	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	4,425	174	944	3,307	269	—	0	0	0
15 ppm sulfur and under	3,845	174	364	3,307	269	—	0	0	0
Greater than 15 ppm to 500 ppm sulfur	311	—	311	—	—	—	0	—	0
Greater than 500 ppm sulfur	269	—	269	—	—	—	0	—	0
Residual Fuel Oil	—	—	—	—	37	—	—	0	0
Less than 0.31 percent sulfur	—	—	—	—	—	—	—	—	—
0.31 to 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Greater than 1.00 percent sulfur	—	—	—	—	37	—	—	0	0
Petrochemical Feedstocks	0	—	—	—	0	—	0	0	0
Naphtha for Petrochemical Feedstock Use	—	—	—	—	0	—	—	0	0
Other Oils for Petrochemical Feedstock Use	0	—	—	—	0	—	0	0	0
Special Naphthas	—	—	—	—	19	—	—	0	0
Lubricants	318	—	157	161	215	—	0	0	0
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	174	—	—	174	17	—	0	0	0
Miscellaneous Products	—	—	—	—	10	—	—	0	0
Total	24,049	174	3,706	20,169	1,674	190	0	0	0

— = No Data Reported.

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

¹ Movements of crude oil, fuel ethanol and biodiesel include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Renewable diesel fuel includes biodiesel and other renewable diesel.

Table 60. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, January 2018
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	1,714	431	0	4,572
Propane	108	129	0	0	1,282	913	0	156
Propylene	0	0	-	-	219	496	-	-
Normal Butane	154	0	0	0	640	35	0	394
Isobutane	103	3	0	0	178	31	0	98
Fuel Ethanol	0	0	0	0	7,790	6,529	230	5,006
Biodiesel	0	0	0	0	173	331	17	105
Marketable Petroleum Coke	-	-	-	-	-	-	-	-
Asphalt and Road Oil	0	0	0	0	554	138	0	39

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	26	0	441	649	0
Propane	183	196	0	0	0	0	0	90
Propylene	0	0	-	-	0	0	0	-
Normal Butane	156	121	0	213	0	0	0	188
Isobutane	8	41	0	61	0	0	0	45
Fuel Ethanol	0	0	0	807	0	0	0	0
Biodiesel	0	0	0	0	0	0	0	0
Marketable Petroleum Coke	-	-	-	-	-	-	-	-
Asphalt and Road Oil	122	61	0	61	0	71	115	470

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	26
Marketable Petroleum Coke	-	-	-	-
Asphalt and Road Oil	0	0	0	38

- = No Data Reported.

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

Table 61. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, January 2018
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
From 1 to				
2	69	27	0	96
3	75	181	0	256
4	0	-	0	0
5	-	-	0	0
From 2 to				
1	188	208	1,714	2,110
3	52,923	1,628	431	54,982
4	6,569	-	0	6,569
5	-	-	4,572	4,572
From 3 to				
1	185	2,605	0	2,790
2	18,619	0	0	18,619
4	0	-	0	0
5	-	-	26	26
From 4 to				
1	0	0	0	0
2	20,721	0	441	21,162
3	347	0	649	996
5	-	-	0	0
From 5 to				
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	-	0	0

- = No Data Reported.

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

Table 62. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge and Rail Between PAD Districts, January 2018
(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	4,900	352	4,548	39,877	68,233	-28,356	56,234	21,435	34,800
Petroleum Products	123,956	13,262	110,694	41,500	62,168	-20,667	42,160	134,661	-92,501
Natural Gas Liquids	6,996	5,462	1,534	21,508	29,657	-8,149	29,139	12,843	16,296
Ethane	45	4,892	-4,847	7,128	11,331	-4,203	12,795	581	12,214
Propane	5,969	282	5,687	5,467	11,256	-5,789	9,574	5,849	3,725
Normal Butane	796	159	637	1,955	3,454	-1,499	2,577	913	1,664
Isobutane	186	119	67	1,278	1,323	-45	1,310	692	618
Natural Gasoline	0	10	-10	5,680	2,293	3,387	2,883	4,808	-1,925
Refinery Olefins	219	0	219	0	715	-715	496	0	496
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	219	0	219	0	715	-715	496	0	496
Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	45	39	6	1,013	116	897	116	1,019	-903
Motor Gasoline Blending Components	53,348	5,283	48,065	10,224	4,381	5,843	2,038	60,498	-58,460
Reformulated - RBOB	7,993	0	7,993	1,998	375	1,623	375	12,486	-12,111
Conventional	45,355	5,283	40,072	8,226	4,006	4,220	1,663	48,012	-46,349
CBOB	45,355	5,283	40,072	7,760	3,462	4,298	1,119	47,546	-46,427
GTAB	0	0	-	-	-	-	-	-	-
Other	0	0	-	466	544	-78	544	466	78
Renewable Fuels	8,352	0	8,352	0	21,106	-21,106	7,785	1,386	6,399
Fuel Ethanol	8,179	0	8,179	0	20,460	-20,460	7,434	1,196	6,238
Renewable Diesel Fuel	173	0	173	0	645	-645	350	190	160
Other Renewable Fuels	-	-	-	-	-	-	0	0	-
Finished Motor Gasoline	7,352	60	7,292	954	738	216	151	7,325	-7,174
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	7,352	60	7,292	954	738	216	151	7,325	-7,174
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	7,352	60	7,292	954	738	216	151	7,325	-7,174
Finished Aviation Gasoline	40	0	40	0	8	-8	8	40	-32
Kerosene-Type Jet Fuel	14,964	205	14,759	1,822	873	949	45	16,823	-16,778
Kerosene	218	12	206	12	0	12	0	218	-218
Distillate Fuel Oil	30,784	2,192	28,592	5,392	2,223	3,169	884	33,475	-32,591
15 ppm sulfur and under	27,929	2,192	25,737	5,314	2,223	3,091	884	30,542	-29,658
Greater than 15 ppm to 500 ppm sulfur	473	0	473	78	0	78	0	551	-551
Greater than 500 ppm sulfur	2,382	0	2,382	0	0	-	0	2,382	-2,382
Residual Fuel Oil	0	0	-	37	711	-674	711	37	674
Petrochemical Feedstocks	0	9	-9	9	88	-79	88	0	88
Naphtha for Petrochemical Feedstock Use	0	0	-	0	43	-43	43	0	43
Other Oils for Petrochemical Feedstock Use	0	9	-9	9	45	-36	45	0	45
Special Naphthas	0	0	-	19	0	19	0	19	-19
Lubricants	318	0	318	215	0	215	0	533	-533
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	470	0	470	136	821	-685	447	0	447
Asphalt and Road Oil	850	0	850	149	731	-582	253	435	-182
Miscellaneous Products	0	0	-	10	0	10	0	10	-10
Total	128,856	13,614	115,242	81,377	130,401	-49,024	98,395	156,096	-57,701

See footnotes at end of table.

Table 62. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge and Rail Between PAD Districts, January 2018
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	6,569	22,158	-15,589	4,598	0	4,598
Petroleum Products	6,345	18,977	-12,632	15,220	114	15,106
Natural Gas Liquids	3,790	14,716	-10,926	1,245	0	1,245
Ethane	574	3,738	-3,164	0	0	-
Propane	1,817	5,686	-3,869	246	0	246
Normal Butane	748	2,345	-1,597	795	0	795
Isobutane	271	1,115	-844	204	0	204
Natural Gasoline	380	1,832	-1,452	0	0	-
Refinery Olefins	0	0	-	0	0	-
Ethylene	-	-	-	-	-	-
Propylene	0	0	-	0	0	-
Butylene	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-
Unfinished Oils	0	0	-	0	0	-
Motor Gasoline Blending Components	1,017	1,588	-571	5,123	0	5,123
Reformulated - RBOB	-	-	-	2,495	0	2,495
Conventional	1,017	1,588	-571	2,628	0	2,628
CBOB	1,017	1,588	-571	2,628	0	2,628
GTAB	-	-	-	-	-	-
Other	0	0	-	0	0	-
Renewable Fuels	274	0	274	6,107	26	6,081
Fuel Ethanol	230	0	230	5,813	0	5,813
Renewable Diesel Fuel	43	0	43	295	26	269
Other Renewable Fuels	-	-	-	0	0	-
Finished Motor Gasoline	117	771	-654	320	0	320
Reformulated	-	-	-	0	0	-
Reformulated Blended with Fuel Ethanol	-	-	-	0	0	-
Reformulated Other	-	-	-	-	-	-
Conventional	117	771	-654	320	0	320
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	117	771	-654	320	0	320
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	748	60	688	382	0	382
Kerosene	0	0	-	0	0	-
Distillate Fuel Oil	336	852	-516	1,346	0	1,346
15 ppm sulfur and under	336	852	-516	1,346	0	1,346
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	0	-
Greater than 500 ppm sulfur	0	0	-	0	0	-
Residual Fuel Oil	0	0	-	0	0	-
Petrochemical Feedstocks	-	-	-	0	0	-
Naphtha for Petrochemical Feedstock Use	-	-	-	0	0	-
Other Oils for Petrochemical Feedstock Use	-	-	-	-	-	-
Special Naphthas	-	-	-	0	0	-
Lubricants	0	0	-	0	0	-
Waxes	0	0	-	0	0	-
Marketable Petroleum Coke	25	333	-308	126	50	76
Asphalt and Road Oil	38	657	-618	570	38	532
Miscellaneous Products	0	0	-	0	0	-
Total	12,914	41,135	-28,221	19,818	114	19,703

- = No Data Reported.

Movements of crude oil, fuel ethanol and biodiesel include movements by rail. Movements of other products are by pipeline, tanker and barge only.

Renewable diesel fuel includes biodiesel and other renewable diesel.

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

Appendix A

District Descriptions and Maps

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

PAD District I

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

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

Sub-PAD District I

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

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

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

PAD District II

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

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

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

PAD District III

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

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

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

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

New Mexico: The State of New Mexico.

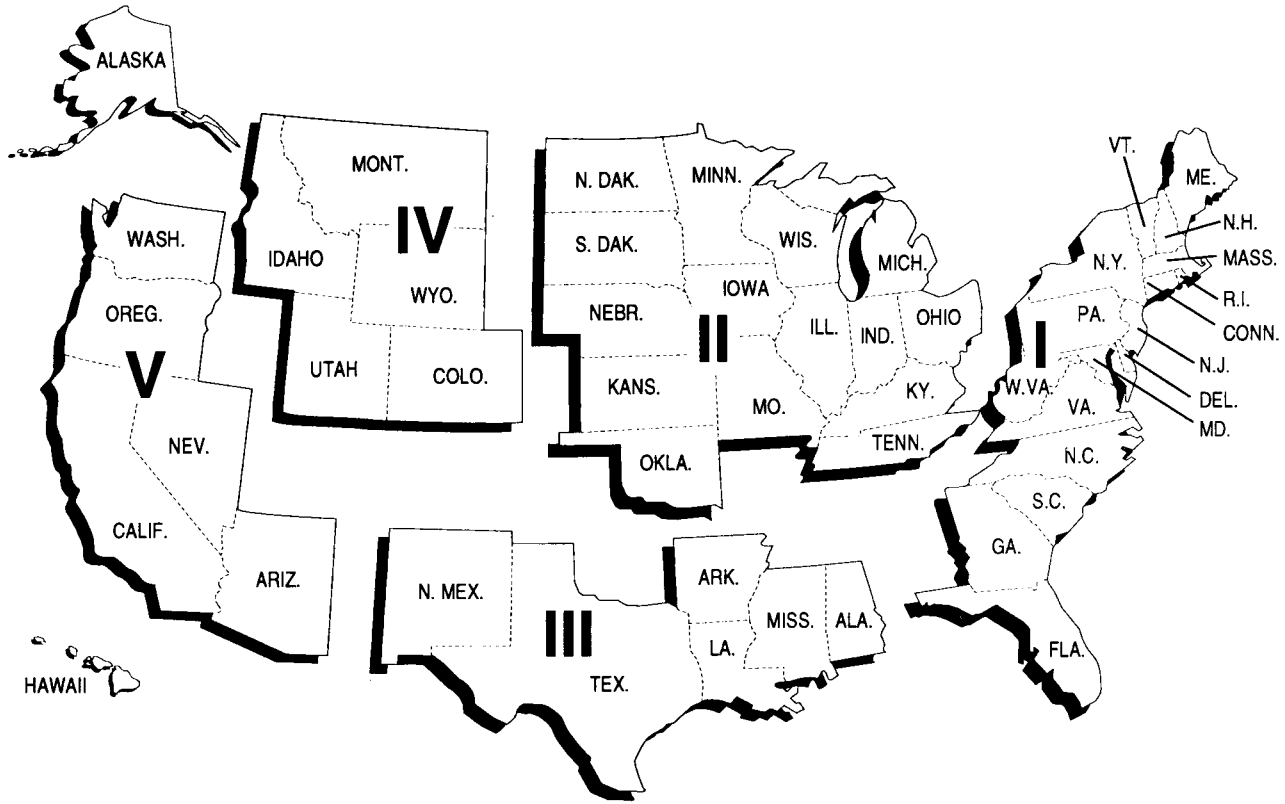
PAD District IV

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

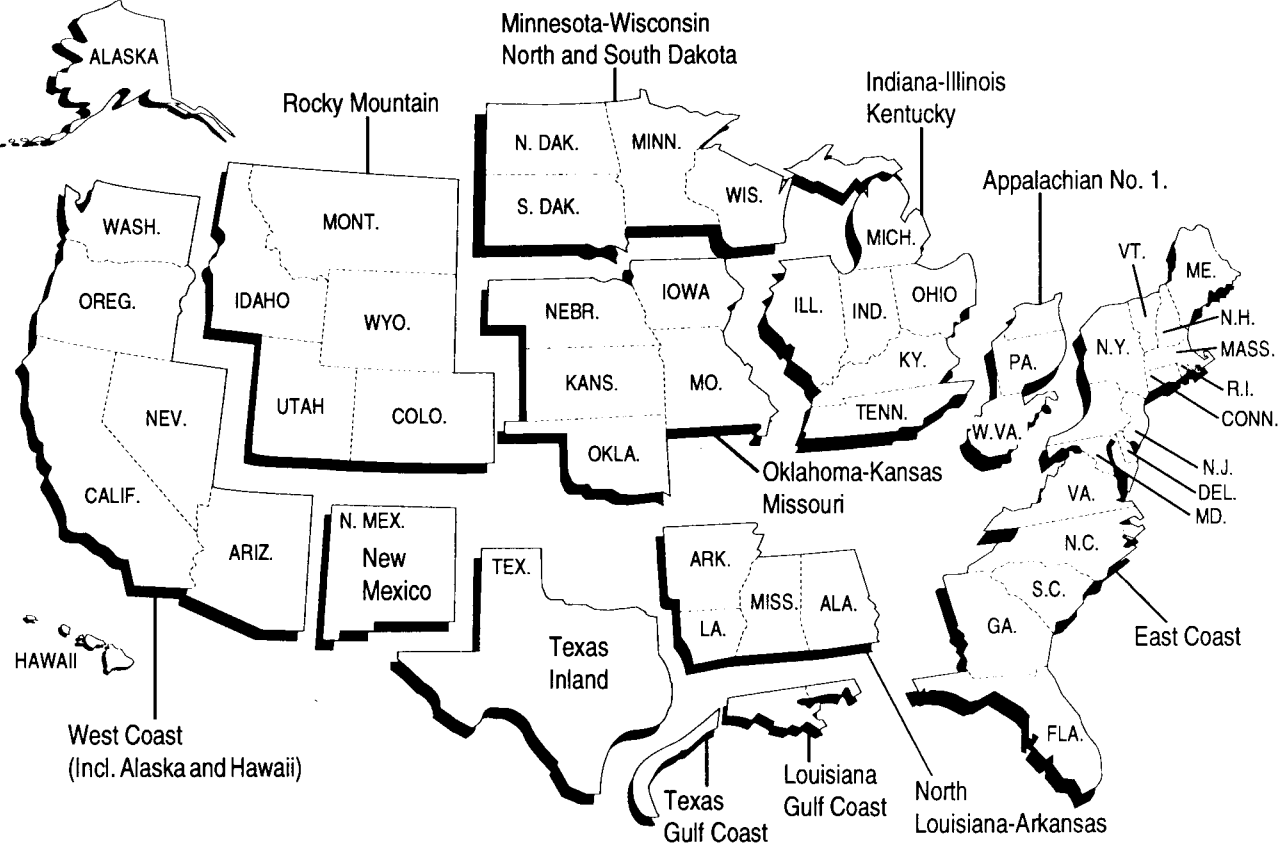
PAD District V

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

Petroleum Administration for Defense (PAD) Districts



Refining Districts



PSM Explanatory Notes

Preface

The *Petroleum Supply Monthly (PSM)* 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.

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.

B. Concepts of Product Supply and Demand

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

The secondary system is that portion of the overall distribution network that falls between producers and end-users. Product typically flows in bulk from the primary supply system into the secondary system before delivery in small quantities to consumers (the tertiary system). The secondary system includes storage at bulk plants; at retail motor fuel outlets, such as service stations, truck stops, and convenience stores; and at retail fuel oil dealers. Bulk plants are wholesale storage facilities that have less than 50,000 barrels of storage capacity and, by definition, receive product only by tank car or truck, not by barge, tanker, or pipeline. Tertiary inventories are held by end users and include fuel in vehicle tanks, heating oil in residential tanks, fuel oil held by utilities, jet fuel stored in facilities operated by end users, and certain proprietary storage of raw materials (e.g. propane) for the chemical industry.

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.

C. Components of Supply and Disposition

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

(1.) Supply

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

Crude oil production is an estimate based on data received from State conservation agencies and the Mineral Management Service of the U.S. Department of the Interior. Refer to "Domestic Crude Oil Production" in Section 2C (1) for further details.

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

b. Renewable Fuels and Oxygenate Plant Net Production - Renewable Fuels and Oxygenate Plant Net Production are reported on Forms EIA-819 and EIA-22M. Production includes oxygenates (fuel ethanol, ETBE, MTBE, and other oxygenates) plus negative production of pentanes plus, finished motor gasoline, and motor gasoline blending components added to fuel ethanol as denaturants as well as biodiesel. Negative production will occur when the amount of a product produced during the month is less than the amount of that same product that is reported as input during the same month.

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

same month.

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

e. Net Receipts – Net Receipts data are included in tables containing PAD District-level data to account for inter-PAD District movements of crude oil and petroleum products. Net receipts for a PAD District are calculated by subtracting shipments out of the PAD District from receipts into the PAD District. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge, and Rail between PAD Districts are shown in Table 60.

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

(2.) Disposition

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

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

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

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

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

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

d. Products Supplied - Products supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, (plus net receipts on a PAD District basis), plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

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 refineries, natural gas processing plants, pipelines, tank farms, and bulk terminals.

Crude oil that is in-transit by water from Alaska and crude oil stored in the Strategic Petroleum Reserve is included. Primary

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

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

http://www.eia.gov/dnav/pet/pet_sum_snd_d_nus_mdbl_m_cur.htm

http://www.eia.gov/dnav/pet/pet_sum_crdsnd_k_m.htm

http://www.eia.gov/dnav/pet/pet_stoc_typ_c_nus_EPC0_mdbl_m.htm

2. Components - Forms Discussions

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

A. Petroleum Supply Reporting System

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

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

17. EIA-820, "Annual Refinery Report."

Both weekly and monthly surveys are administered at six key points along the petroleum production and supply chain including refineries, fractionators, natural gas processing plants, bulk product storage and blending terminals, crude oil and product pipelines, crude oil stock holders, importers, and renewable fuel (biodiesel and fuel ethanol) and oxygenate producing plants. Monthly surveys also include inter-PAD District movements by pipelines, tankers, and barges. Weekly surveys do not capture petroleum movements. Respondents reporting on weekly surveys are sampled from among the respondents reporting on monthly surveys.

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

B. Monthly Supply Survey Description and Methodology

(1.) Description of Surveys Forms

Copies of the survey forms and instructions can be found at: http://www.eia.doe.gov/oil_gas/petroleum/survey_forms/pet_survey_forms.html

The Form EIA-22M "Monthly Biodiesel Production Survey" collects data on biodiesel plant location, operating status, annual production capacity, monthly biodiesel and co-product production, stocks, input of feedstocks, alcohol, and catalysts, and biodiesel sales.

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

The Form EIA-812, "Monthly Product Pipeline Report," collects data on end-of-month stocks and movements of petroleum products transported by pipeline. Intermediate movements for pipeline systems operating in more than two PAD Districts are included. Product pipeline tank storage capacity for selected products is collected on a semi-annual basis.

The Form EIA-813, "Monthly Crude Oil Report," collects data on end-of-month stock levels of crude oil held at pipeline and tank farms (associated with the pipelines) and terminals operated by the reporting company. Also, crude oil consumed by pipelines and on leases as pump fuel, boiler fuel, etc., is reported. Data are reported on a PAD District basis. Total Alaskan crude oil stocks in-transit by water (including stocks held at transshipment terminals between Alaska and the continental United States) to the 50 States, the District of Columbia, Puerto Rico, and the Virgin Islands are also reported by the transporting company having custody of the stocks. Inter-PAD District movements of crude oil by pipeline are collected by the shipping and receiving PAD District. Intermediate movements for pipeline systems operating in more than two PAD Districts

are not included. Crude oil storage capacity of tank farms is collected on a semi-annual basis.

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

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

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

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

The Form EIA-819, “Monthly Oxygenate Report” collects facility-level data on oxygenate inputs, production, gasoline blending at ethanol plants, and end-of-month stocks. Data on end-of-month stocks are reported on a custody basis regardless of ownership. Fuel ethanol storage capacity is collected on a semi-annual basis.

(2.) Frame

EIA maintains complete lists of respondents to its monthly surveys. Each survey has a list of companies and facilities required to submit petroleum activity data. This list is known as the survey frame. Frame maintenance procedures are used to monitor the status of petroleum companies and facilities

currently contained in each survey frame as well as to identify new members to be added to the frame. As a result, all known petroleum supply organizations falling within the definition of “Who Must Submit” participate in the survey.

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

Respondents to Form EIA-22M “Monthly Biodiesel Production Survey” include operators of plants that produce biodiesel meeting ASTM D 6751-07B specifications and used for commercial purposes.

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

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

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

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

Respondents to Form EIA-815, “Monthly Terminal Blender Report” include operators of all bulk terminals located in the 50 States, District of Columbia, Puerto Rico, the Virgin Islands,

Guam, and other U. S. possessions must report. A bulk terminal is primarily used for storage, marketing, and often blending of petroleum products and has a total bulk storage capacity of 50,000 barrels or more, and/or receives petroleum products by tanker, barge, or pipeline. Bulk terminal facilities associated with a product pipeline are included.

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

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

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

Respondents to Form EIA-819, “Monthly Oxygenate Report” include all operators of facilities that produce (manufacture or distill) oxygenates (including MTBE plants, petrochemical plants, and refineries that produce oxygenates as part of their operations located in the 50 States and the District of Columbia.)

(3.) Collection

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

(4.) Processing and Micro Editing

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

result in further review of respondent data which in turn may result in additional flagged data and imputation.

(5.) Estimation and Imputation

The nine monthly supply surveys are census surveys. As such, the estimates using these data are the sum of the edited, reported data. Imputation is performed for companies that fail to file Forms EIA-22M, 810, 812, 813, 815, 816, and 819. For these companies, previous monthly values and values reported on the weekly survey forms are used if available. Data for nonrespondents to the Forms EIA-814 and 817 are not imputed because respondent-level data for these surveys are highly variable.

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

(6.) Macro Editing

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

(7.) Dissemination

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

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

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://www.eia.gov/petroleum/data.cfm>

C. Derived Data

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

(1.) Domestic Crude Oil Production

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

(a.) crude oil production data from state government agencies and the Department of the Interior, Bureau of Safety and Environmental Enforcement;

(b.) crude oil production data reported on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report." For some states, EIA uses current reported data from the state (chiefly Alaska). For the states of Arkansas, California, Colorado, Kansas, Louisiana, Montana, New Mexico, North Dakota, Ohio, Oklahoma, Pennsylvania, Texas, Utah, West Virginia, Wyoming, and the Federal Gulf of Mexico, EIA calculates an estimate by modeling the relationship between final state-level data from DrillingInfo, a third-party vendor of well-level data collected by state agencies, and data reported on the EIA-914 survey using weighted least squares (WLS) linear regression. Additional explanation of the WLS estimation methodology is available. Estimates have to be made for crude oil production because complete and correct data from states may take from several months to over two years.

(c.) first purchase data reported on Form EIA-182 "Domestic Crude Oil First Purchase Report." For the remaining states and areas (Alabama, Arizona, Federal Pacific Offshore, Florida, Idaho, Illinois, Indiana, Kentucky, Maryland, Michigan, Mississippi, Missouri, Nebraska, Nevada, New York, Oregon, South Dakota, Tennessee, and Virginia) EIA calculates an estimate by using the average lagged ratio (ALR) of the state reported data to EIA-182 data, applied to the current EIA-182 data. Additional explanation of the ALR estimation methodology is available.

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

Navigator and the Petroleum Supply Monthly roughly 60 days after the production month.

(2.) Exports

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

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

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

(3.) Movements of crude oil by railroad

The volume of crude oil, ethanol, biodiesel, propane, propylene, normal butane, and isobutane moving by railroad is calculated using several data sources including Carload Waybill Sample (CWS) data from the U.S. Surface Transportation Board (STB), data from the National Energy Board of Canada (NEB), data in EIA's Oil and Gas Supply Module (OGSM) within the National Energy Modeling system (NEMS) for data prior to 2015, the EIA-915 survey starting in January 2015, and an estimation procedure developed by EIA for months in which data these data are not available.

Once the data necessary for calculating rail movements become available, which may take as long as 60 days after the end of a calendar quarter, EIA will revise the estimates made.

Movements of crude oil, ethanol, biodiesel, propane, propylene, normal butane, and isobutane by rail are based on EIA analysis of carload data from the STB CWS. Additional data from the NEB, OGSM, and the EIA-915 are used for estimating factors for converting carloads to barrels of crude oil. Carloads of ethanol, biodiesel, propane, propylene, normal butane, and isobutane are converted to barrels using data from the CWS.

Carload data from the STB are available approximately 60 days after the end of each quarter. For example, carload data for the first quarter of each year are typically available by about June 1. Therefore, recent-month rail movements reported by EIA in the Petroleum Supply Monthly and Petroleum Navigator are modeled based on historical rail movement averages, medians, or correlations of rail movements derived from actual carload data with other regional supply data collected by EIA or other sources including field production, imports, refinery and blender inputs, movements other than rail, exports, and supply adjustments.

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

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

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

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

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

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

The TAPS-NGPL adjustment corrects for overstatement of crude oil receipts and input at refineries due to NGPL injection into Alaskan crude oil transported in TAPS. Natural gas

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

(6.) Finished Motor Gasoline Adjustment

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

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

- Adjustment quantities for finished reformulated motor gasoline include adjustments for reformulated blendstock for oxygenate blending (RBOB) plus a percentage of gasoline treated as blendstock (GTAB), "other" motor gasoline blending components, fuel ethanol, and MTBE. The quantity of GTAB and "other" motor gasoline blending components adjustments reclassified to finished reformulated motor gasoline is based on the ratio of finished reformulated motor gasoline net production divided by total finished motor gasoline net production reported on surveys by refiners and blenders in each

PAD District. Motor gasoline blending components adjustments reclassified to finished reformulated motor gasoline are further classified as blended with alcohol (i.e. fuel ethanol), blended with ether (i.e. MTBE), or non-oxygenated during 2009.

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

- Adjustment quantities for finished conventional motor gasoline include adjustments for conventional blendstock for oxygenate blending (CBOB) plus the portion of GTAB, “other” motor gasoline blending components, fuel ethanol and MTBE adjustments that were not reclassified to finished reformulated motor gasoline. The total adjustment to finished conventional motor gasoline is further classified as finished conventional gasoline blended with fuel ethanol and “other” finished conventional motor gasoline. The quantity of the finished conventional motor gasoline adjustment reclassified as finished conventional motor gasoline blended with fuel ethanol is determined using the quantity of the fuel ethanol adjustment allocated

to finished conventional motor gasoline and the fuel ethanol blend ratio calculated from fuel ethanol blending reported on surveys by PAD District. For example, if the fuel ethanol blend ratio calculated from survey data was 10% in a PAD District, then the total adjustment quantity of finished conventional motor gasoline in that PAD District would be 10 times the fuel ethanol adjustment quantity allocated to finished conventional gasoline (i.e. the adjustment to finished conventional motor gasoline blended with fuel ethanol includes 10% fuel ethanol and 90% gasoline from the motor gasoline blending components adjustment). The MTBE adjustment allocated to finished conventional motor gasoline is simply added to the adjustment for “other” finished conventional motor gasoline.

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

(7.) Motor Gasoline Blending Components Adjustment

Adjustment quantities for motor gasoline blending components at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of imports and renewable fuels and oxygenate plant net production (i.e. motor gasoline blending components use as denaturant for fuel ethanol production). Adjustment quantities by PAD District equal the sum of stock change, refinery and blender net input, and exports minus the sum of imports, renewable fuels and oxygenate plant net production, and net receipts. Motor gasoline blending components adjustments are calculated for reformulated blendstock for oxygenate blending (RBOB), conventional blendstock for oxygenate blending (CBOB), gasoline treated as blendstock (GTAB), and “other” motor gasoline blending components. Product supplied for motor gasoline blending components is assumed to always equal zero because there is no end-user demand for motor gasoline blending components as anything other than finished motor gasoline. Motor gasoline blending components adjustment quantities are assumed to reflect finished motor gasoline blending implied by the supply and disposition balance but not reported on surveys. Adjustment quantities for motor gasoline blending components are reclassified to finished motor gasoline and added to the finished motor gasoline adjustment.

(8.) Renewable Fuels including Fuel Ethanol Adjustment

Adjustment quantities for renewable fuels (including fuel ethanol) at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum

of renewable fuels and oxygenate plant net production and imports. Calculation of adjustment quantities by PAD District depends on the product. Individual products include fuel ethanol, biomass based diesel fuel (including biodiesel), “other” renewable diesel fuel, and “other” renewable fuels (e.g. bio-jet fuel). Product supplied for renewable fuels (including fuel ethanol) is assumed equal to zero. Adjustments for fuel ethanol and “other” renewable fuels are discussed separately below.

- Fuel ethanol adjustment quantities at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. There are no survey data available for rail movements of fuel ethanol between PAD Districts, and so allocation of fuel ethanol adjustments to PAD Districts is based on the ratio of fuel ethanol blending reported on surveys in each PAD District divided by fuel ethanol blending reported on surveys for the entire U.S. In this case, Fuel ethanol implied net receipts are calculated for each PAD District as the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production, imports, and adjustments. Fuel ethanol implied net receipts are the balancing item between total supply and disposition in each PAD District. Fuel ethanol adjustment quantities are assumed to reflect blending of fuel ethanol into finished motor gasoline that is implied by the available supply of fuel ethanol but not reported on surveys. Fuel ethanol adjustment volumes are reclassified to finished reformulated motor gasoline and finished conventional motor gasoline through finished motor gasoline adjustments.

- The product category called “renewable fuels except fuel ethanol” includes biomass-based diesel fuel (including biodiesel), “other” renewable diesel fuel, and “other” renewable fuels (e.g. bio-jet fuel). For PSM data prior to January 2012, renewable fuels except fuel ethanol adjustment quantities at the U.S. and PAD District levels were calculated as the sum of stock change, refinery and blender net input, and exports minus imports. Data for production of Renewable Fuels except Fuel Ethanol was unavailable and was excluded from Renewable Fuels and Oxygenate Plant Net Production. Therefore the calculation of adjustments to Renewable Fuels except Fuel Ethanol caused production to be included in the adjustment. Similarly, the calculation caused net inter-PAD District movements (i.e. net receipts) by rail and truck to also be included in adjustments to renewable fuels except fuel ethanol.

- Beginning with PSM data for January 2012, production of biodiesel reported on Form EIA-22M was included under the heading of “renewable fuels and oxygenate plant net production” in petroleum

supply and disposition balances for “renewable fuels except fuel ethanol”. As a result, the adjustment for “renewable fuels except fuel ethanol” no longer includes production of biodiesel. This change will also be made to revised monthly data for January-December 2011 when the 2011 Petroleum Supply Annual is released.

- Biodiesel adjustment quantities at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. There are no survey data available for rail movements of biodiesel between PAD Districts, and so allocation of fuel biodiesel adjustments to PAD Districts is based on the ratio of biomass-based diesel blending reported on surveys in each PAD District divided by biomass-based diesel fuel blending reported on surveys for the entire U.S. Biodiesel implied net receipts are calculated for each PAD District as the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production, imports, and adjustments. Biodiesel implied net receipts are the balancing item between total supply and disposition in each PAD District. Biodiesel adjustment quantities are assumed to reflect blending of biodiesel into distillate fuel oil that is implied by the available supply of biodiesel but not reported as input on surveys. Biodiesel adjustment volumes are reclassified to distillate fuel oil (15 ppm sulfur and under) through distillate fuel oil adjustments.

(9.) Distillate Fuel Oil Adjustment

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

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

(10.) Crude Oil Adjustment

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

(11.) Other Hydrocarbon Adjustment

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

(12.) Hydrogen Adjustment

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

(13.) Oxygenates (excluding fuel ethanol) Adjustment

Adjustment quantities for oxygenates (excluding fuel ethanol) equal the sum of stock change, refinery and blender net inputs, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. Product supplied for oxygenates (excluding fuel ethanol) is assumed equal to zero. Methyl tertiary butyl ether (MTBE) is the single largest component of oxygenates (excluding fuel ethanol).

3. Quality

A. General Discussion

(1.) Response Rates

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

(2.) Non-sampling Errors

There are two types of errors usually associated with data produced from a survey; sampling errors and nonsampling errors. Because the estimates for the monthly surveys are based on a complete census of the frame, there is no sampling error in the data presented. The data, however, are subject to non-sampling errors. Non-sampling errors may arise from a number of sources including: (1) the inability to obtain data from all companies in the frame (non-response) and the method used to account for non-response, (2) response errors, (3) differences in the interpretation of questions or definitions, (4) mistakes in recording or coding of the data obtained from respondents, and (5) other errors of collection, response, coverage, processing, and estimation.

(3.) Resubmissions

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

(4.) Revision Policy

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

B. Data Assessment

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

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

4. Provisions Regarding Disclosure of Information

All PSRS survey forms, with the exception of the Form EIA-814, "Monthly Imports Report," have the same general disclosure information statement. The information reported on Form EIA-814 will be considered "public information" and may be publicly released in company or individually identifiable form, and will not be protected from disclosure in identifiable form.

The information reported on Forms EIA-810 through 813, 815 through 817, 819, and 820 will be protected and not disclosed to the

public to the extent that it satisfies the criteria for exemption under the Freedom of Information Act (FOIA), 5 U.S.C. §552, the Department of Energy (DOE) regulations, 10 C.F.R. §1004.11, implementing the FOIA, and the Trade Secrets Act, 18 U.S.C. §1905. The Federal Energy Administration Act requires the EIA to provide company-specific data to other Federal agencies when requested for official use. The information reported on this form may also be made available, upon request, to another DOE component; to any Committee of Congress, the Government Accountability Office, or other Federal agencies authorized by law to receive such information. A court of competent jurisdiction may obtain this information in response to an order. The information may be used for any nonstatistical purposes such as administrative, regulatory, law enforcement, or adjudicatory purposes.

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

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

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

Appendix D

Northeast Reserves

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

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

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

Source: U. S. Energy Information Administration

Northeast Regional Refined Petroleum Product Reserve motor gasoline products

Terminal Operator	Location	Thousand Barrels
BP Products North America	Carteret, NJ	200
Buckeye Terminals LLC	Port Reading, NJ	0
Buckeye Terminals LLC	Raritan Bay, NJ	500
Global Companies LLC	Revere, MA	200
South Portland Terminal LLC	South Portland, ME	99

Source: U. S. Energy Information Administration

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

State of New York's Strategic Fuels Reserve Program

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

Product	Location	Thousand Barrels
Motor Gasoline Blending Components	NY	58
Fuel Ethanol	NY	10
Distillate Fuel Oil, 15 ppm Sulfur and Under	NY	34

Source: New York State Energy Research & Development Authority

Definitions of Petroleum Products and Other Terms

(Revised 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; $\text{CH}_3\text{-(CH}_2\text{)}_n\text{-OH}$ (e.g., methanol, ethanol, and tertiary butyl alcohol).

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

the types and grades of inputs to be processed;

the types and grades of products expected to be manufactured;

the environmental constraints associated with refinery operations;

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

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

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

Benzene (C_6H_6). An aromatic hydrocarbon present in small proportion in some crude oils and made commercially from petroleum by the catalytic reforming of naphthenes in petroleum naphtha. Also made from coal in the manufacture of coke. Used as a solvent, in manufacturing detergents, synthetic fibers, and petrochemicals and as a component of high-octane gasoline.

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

feedstocks.

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

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

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

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

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

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

Butane (C₄H₁₀). A normally gaseous straight-chain or branch-chain hydrocarbon extracted from natural gas or refinery gas streams. It includes normal butane and refinery-grade butane and is designated in ASTM Specification D1835 and Gas Processors Association Specifications for commercial butane.

Normal Butane (C₄H₁₀). A normally gaseous straight-chain hydrocarbon that is a colorless paraffinic gas which boils at a temperature of 31.1 degrees Fahrenheit and is extracted from natural gas or refinery gas streams.

Refinery-Grade Butane (C₄H₁₀). A refinery-produced stream that is composed predominantly of normal butane and/or isobutane and may also contain propane and/or natural gasoline. These streams may also contain significant levels of olefins and/or fluorides contamination.

Butylene (C₄H₈). An olefinic hydrocarbon recovered from refinery processes.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ETBE (Ethyl tertiary butyl ether) (CH₃)₃COC₂H₅. An oxygenate blend stock formed by the catalytic etherification of isobutylene with ethanol.

Ethane (C₂H₆). A normally gaseous straight-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of - 127.48 degrees Fahrenheit. It is extracted from natural gas and refinery gas streams.

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

Ethylene (C₂H₄). An olefinic hydrocarbon recovered from refinery processes or petrochemical processes. Ethylene is used as a petrochemical feedstock for numerous chemical applications and the production of consumer goods.

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

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

Flexicoking. A thermal cracking process which converts heavy

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

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

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

Examples:

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

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

Fuel Ethanol (C₂H₅OH). An anhydrous alcohol (ethanol with less than 1% water) intended for gasoline blending as described in Oxygenates definition.

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

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

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

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

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

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

Heavy Gas Oil. Petroleum distillates with an approximate boiling

range from 651 degrees Fahrenheit to 1000 degrees Fahrenheit.

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

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

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

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

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

Isobutane (C₄H₁₀). A normally gaseous branch-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of 10.9 degrees Fahrenheit. It is extracted from natural gas or refinery gas streams.

Isobutylene (C₄H₈). An olefinic hydrocarbon recovered from refinery processes or petrochemical processes.

Isohexane (C₆H₁₄). A saturated branch-chain hydrocarbon. It is a colorless liquid that boils at a temperature of 156.2 degrees Fahrenheit.

Isomerization. A refining process which alters the fundamental arrangement of atoms in the molecule without adding or removing anything from the original material. Used to convert normal butane into isobutane (C₄), an alkylation process feedstock, and normal pentane and hexane into isopentane (C₅) and isohexane (C₆), high-octane gasoline components.

Isopentane. See *Natural Gasoline and Isopentane.*

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

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

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

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

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

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

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

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

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

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

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

Methanol (CH₃OH). A light, volatile alcohol intended for gasoline blending as described in Oxygenate definition.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Reformulated Blendstock for Oxygenate Blending (RBOB).

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

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

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

All Other Motor Gasoline Blending Components.

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

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

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

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

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

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

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

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

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

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

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

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

Normal Butane. See *Butane*.

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

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

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

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

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

Other Hydrocarbons. Materials received by a refinery and consumed as a raw material. Includes hydrogen, coal tar derivatives and gilsonite. Excludes natural gas used for fuel or hydrogen feedstock.

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

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

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

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

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

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

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

MTBE (Methyl tertiary butyl ether). Blends up to 15.0 percent by volume MTBE which must meet the ASTM D4814 specifications. Blenders must take precautions that

the blends are not used as base gasolines for other oxygenated blends (commonly referred to as the “Sun” waiver).

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

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

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

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

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

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

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

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

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

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

Pipeline (Petroleum). Crude oil and product pipelines used to transport crude oil and petroleum products respectively, (including interstate, intrastate, and intracompany pipelines) within the 50 States and the District of Columbia.

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

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

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

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

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

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

Propane (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.