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Preface

The *Petroleum Marketing Monthly* (PMM) provides information and statistical data on a variety of crude oils and refined petroleum products. The publication presents statistics on crude oil costs and refined petroleum products sales for use by industry, government, private sector analysts, educational institutions, and consumers. Data on crude oil include the domestic first purchase price, the f.o.b. and landed cost of imported crude oil, and the refiners' acquisition cost of crude oil. Refined petroleum product sales data include motor gasoline, distillates, residuals, aviation fuels, kerosene, and propane. The Office of Petroleum and Biofuels Statistics, U.S. Energy Information Administration ensures the accuracy, quality, and confidentiality of the published data in the Petroleum Marketing Monthly.

Scope of data

The data within the *Petroleum Marketing Monthly* are compiled from five Energy Information Administration (EIA) survey forms. The crude oil statistics are calculated from data collected on the following three survey forms: Form EIA-182, "Domestic Crude Oil First Purchase Report"; Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report"; and Form EIA-14, "Refiners' Monthly Cost Report."

The statistics on petroleum product sales prices and volumes are derived from Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

The data presented in Tables 45 to 47 are derived from aggregations of data from Form EIA-782C, "Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption."

Sections

Monthly statistics on purchases of crude oil and sales of petroleum products are presented in the Petroleum Marketing Monthly in six sections:

- Highlights
- Summary Statistics
- Crude Oil Prices
- Prices of Petroleum Products
- Volumes of Petroleum Products
- Prime Supplier Sales Volumes of Petroleum Products for Local Consumption.

The publication highlights salient statistics for the United States in the Summary Statistics section. More detailed geographic coverage occurs in the other four sections. Geographic coverage for crude oil includes country of origin for foreign crude and Petroleum Administration for Defense (PAD) Districts and individual States for domestic crude oil. Geographic coverage of the petroleum products includes PAD Districts and individual States.

Detailed statistics for crude oil, including the price of imported crude oil by country of origin, by gravity, and by crude stream, can be found in the Crude Oil Prices section.

PAD District and/or State-level statistics for petroleum products are presented in the Prices, Volumes, and Prime Supplier Sales of Petroleum Products sections. To aid the reader in determining the market changes, the majority of the tables show data for the report month and previous month for the current year, and the report month for the previous year.

Notes on the tables

- For the crude oil statistics referencing Form EIA-182, United States includes the 50 States, the outer continental shelf, and the District of Columbia. For crude oil statistics referencing either Form EIA-14 or Form EIA-856, United States includes

the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, and all American territories and possessions. For the petroleum products data, United States includes the 50 States and the District of Columbia.

- Prices exclude taxes. Refer to the Explanatory Notes for a tax table on motor fuels.
- Some of the tables use state abbreviations. Refer to the Explanatory Notes for a table of U.S. Postal State abbreviations.
- Sales of leaded gasoline are a component of averages and totals prior to October 1993.
- References to "Refiners" include gas plant operators (see the Glossary for definition of "Gas plant operators").
- "Prime supplier" refers to a firm that produces, imports, or transports any of the selected petroleum products across State boundaries and local marketing areas and sells the product to local distributors, local retailers, or end users.
- The category "Retail outlet" refers to any company-operated outlet selling gasoline, on-highway diesel fuel, or propane for on-highway vehicle use (see Glossary).
- No. 2 distillate volumes and prices are classified in accordance with what the product was sold as, regardless of the actual specifications of that product (see definitions of No. 2 distillate in the Glossary).
- Beginning with the February 2007 data release, EIA revised the table formats and content for the *Petroleum Marketing Monthly* (*PMM*) to eliminate oxygenated gasoline as a separate category and to revise the categories of diesel fuel (i.e., ultra-low sulfur, low sulfur, and high sulfur). In conjunction with these changes, the Total columns in certain PMM tables have been eliminated to help ensure that sensitive data reported to EIA by individual survey respondents may not be closely estimated using the aggregates published by EIA. Refer to the Product Guide for new table numbers.
- As of January 2012, EIA changed the methodology used to calculate the initial price estimates for refiner acquisition costs of crude oil. The price estimate for domestic crude oil comes from a regression model based on West Texas Intermediate (WTI) crude oil spot market prices. The price estimate for imported crude oil comes from a regression model that uses a basket of world crude oil prices. The composite price estimate is a weighted average of the domestic and imported prices based on refinery receipts data found in the *Petroleum Supply Annual*.
- Final revisions to 2010 and 2011 monthly and annual values in Tables 1, 1A, and 18-27 were added to the *Petroleum Marketing Monthly* in the March 2013 issue.
- As of the March 2016 data release, January and February 2016 OPEC and Non-OPEC crude oil prices in Tables 21 and 22 were revised to include Indonesia in OPEC and exclude it from Non-OPEC.
- Beginning with the November 2017 data release, due to the increase of crude oil activity in the North Dakota region, EIA replaced the North Dakota Sweet Crude Stream on the EIA-182, Domestic Crude Oil First Purchase Report with the predominant North Dakota Bakken Crude Stream to provide an accurate price estimate for an important high volume crude stream regularly traded in domestic crude oil markets.

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Highlights

Crude oil

- Monthly average crude oil prices increased in April. The average domestic crude oil first purchase price rose $2.82 (4.6 %), to $63.50 per barrel.
- The average free-on-board (f.o.b.) cost of imported crude oil climbed $3.99 (7.5%) to $56.98 per barrel. The average landed cost of foreign crude oil increased $3.16 (5.7%), to $58.66 per barrel.
- The average refiner acquisition cost for domestic crude oil increased $2.99 (4.7%), to $67.02 per barrel. The average cost of imported crude oil rose $4.55 (8.0%), to $61.30 per barrel. The composite refiner acquisition cost for crude oil climbed $3.57 (5.9%), to $64.37 per barrel.

Petroleum products

Motor gasoline

- April monthly average prices for refiner sales of motor gasoline increased from March levels. The average retail price rose 15.8 cents to $2.318 per gallon, while the average wholesale price increased 16.5 cents to $2.054 per gallon.
- Refiner sales of finished motor gasoline rose in April. Total sales increased 400,000 gallons per day (0.1%) to an average of 330.8 million gallons per day. Retail sales fell 200,000 gallons per day (0.8%), while wholesales increased 600,000 gallons per day (0.2%). DTW sales accounted for 7.4% of wholesales, while rack and bulk sales made up 85.2% and 7.4%, respectively.

No. 2 distillate

- Monthly average prices for refiner sales of No. 2 distillates increased in April. The average price for No. 2 diesel fuel sold to end users rose 12.8 cents to $2.204 per gallon, while the average wholesale price climbed 14.7 cents to $2.099 per gallon. The average retail price for No. 2 fuel oil increased 0.2 cent to $2.486 per gallon, while the average wholesale price rose 13.4 cents to $1.982 per gallon.
- Refiner sales of No. 2 ultra-low sulfur diesel increased 6.0 million gallons per day (3.8%) to 164.3 million gallons per day in April. Retail sales rose 200,000 gallons per day (1.7%), while wholesales increased 5.8 million gallons per day (4.0%).

Residual Fuel Oil

- Monthly average prices for residual fuel oil sales by refiners were on the rise during April. The wholesale price for low-sulfur residual fuel oil rose 8.4 cents to $1.311 per gallon. The price for high-sulfur residual fuel oil climbed 15.8 cents to $1.544 per gallon at retail, while the wholesale price increased 4.7 cents to $1.353 per gallon.
- The volume of refiner residual fuel oil sales fell again in April, dropping to 10.4 million gallons per day. Retail sales declined 500,000 per day (13.9%), while wholesales fell 100,000 gallons per day (1.4%).

Other products

- Refiner prices for most of the remaining surveyed products rose in April. While propane prices fell at the retail and wholesale levels, prices for kerosene-type jet fuel climbed in both sales categories. Prices for No. 1 distillate, aviation gasoline, and kerosene rose at the retail level.
- Refiner sales of propane increased at retail but fell wholesale during April, while kerosene-type jet sales show the opposite trend. No. 1 distillate and kerosene sales declined at wholesale, while sales of aviation gasoline increased in the same category.

Table HL1. U.S. refiner prices and volumes of petroleum products

prices: dollars per gallon excluding taxes, volumes: million gallons per day

	Sales to end users						Sales for resale					
	April 2018		March 2018		April 2017		April 2018		March 2018		April 2017	
Products	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume
Motor gasoline	2.318	23.9	2.160	24.1	1.997	24.3	2.054	306.9	1.889	306.3	1.723	302.9
Conventional	2.196	14.7	2.021	15.0	1.904	15.3	1.994	208.0	1.829	207.3	1.671	204.9
Regular	2.148	13.0	1.973	13.2	1.858	13.4	1.957	186.4	1.795	186.2	1.636	183.5
Midgrade	2.408	0.8	2.233	0.8	2.094	0.8	2.165	1.4	1.990	1.4	1.822	1.6
Premium	2.676	1.0	2.502	1.0	2.352	1.0	2.325	20.1	2.146	19.7	1.988	19.8
Reformulated	2.515	9.2	2.385	9.2	2.153	9.1	2.180	99.0	2.013	99.0	1.831	98.1
Regular	2.415	6.8	2.282	6.8	2.059	6.6	2.129	82.6	1.961	82.8	1.779	81.5
Midgrade	2.724	0.9	2.572	0.9	2.303	0.9	2.313	0.7	2.160	0.7	1.952	0.9
Premium	2.855	1.4	2.738	1.5	2.468	1.5	2.442	15.7	2.283	15.5	2.097	15.7
Aviation gasoline	W	W	W	W	W	W	3.085	0.5	2.904	0.4	2.724	0.4
Kerosene-type jet fuel	2.081	29.9	1.924	31.7	1.595	30.9	2.031	40.0	1.893	38.3	1.545	40.2
Propane (consumer grade)	0.839	4.3	0.842	3.4	0.652	5.8	0.792	24.5	0.827	31.4	0.641	23.3
Kerosene	W	W	W	W	W	W	2.075	0.8	1.969	1.0	1.572	0.7
No. 1 distillate	W	W	2.566	0.1	W	W	2.414	0.4	2.209	1.1	1.953	0.2
No. 2 distillate	2.205	12.7	2.078	12.8	1.748	12.0	2.093	165.2	1.946	158.3	1.620	147.3
No. 2 fuel oil	2.486	0.0	2.484	0.1	2.081	0.1	1.982	9.0	1.848	9.5	1.499	8.0
No. 2 diesel fuel	2.204	12.7	2.076	12.7	1.747	12.0	2.099	156.2	1.952	148.8	1.627	139.3
Ultra low sulfur	2.217	12.0	2.090	11.8	1.751	11.7	2.102	152.3	1.955	146.5	1.630	136.5
Low sulfur	W	W	W	W	W	W	W	W	1.751	0.6	W	W
High sulfur	W	W	W	W	W	W	W	W	1.811	1.7	W	W
No. 4 fuel[a]	-	-	-	-	W	W	W	W	W	W	W	W
Residential fuel oil	1.590	3.1	1.452	3.6	1.201	3.8	1.352	7.3	1.302	7.4	1.039	6.2
Sulfur content not > 1%	W	W	W	W	W	W	1.311	0.3	1.227	0.4	1.038	0.3
Sulfur content > 1%	1.544	W	1.386	W	1.147	W	1.353	7.0	1.306	7.0	1.039	5.9

NA = Not available.

- = No data reported.

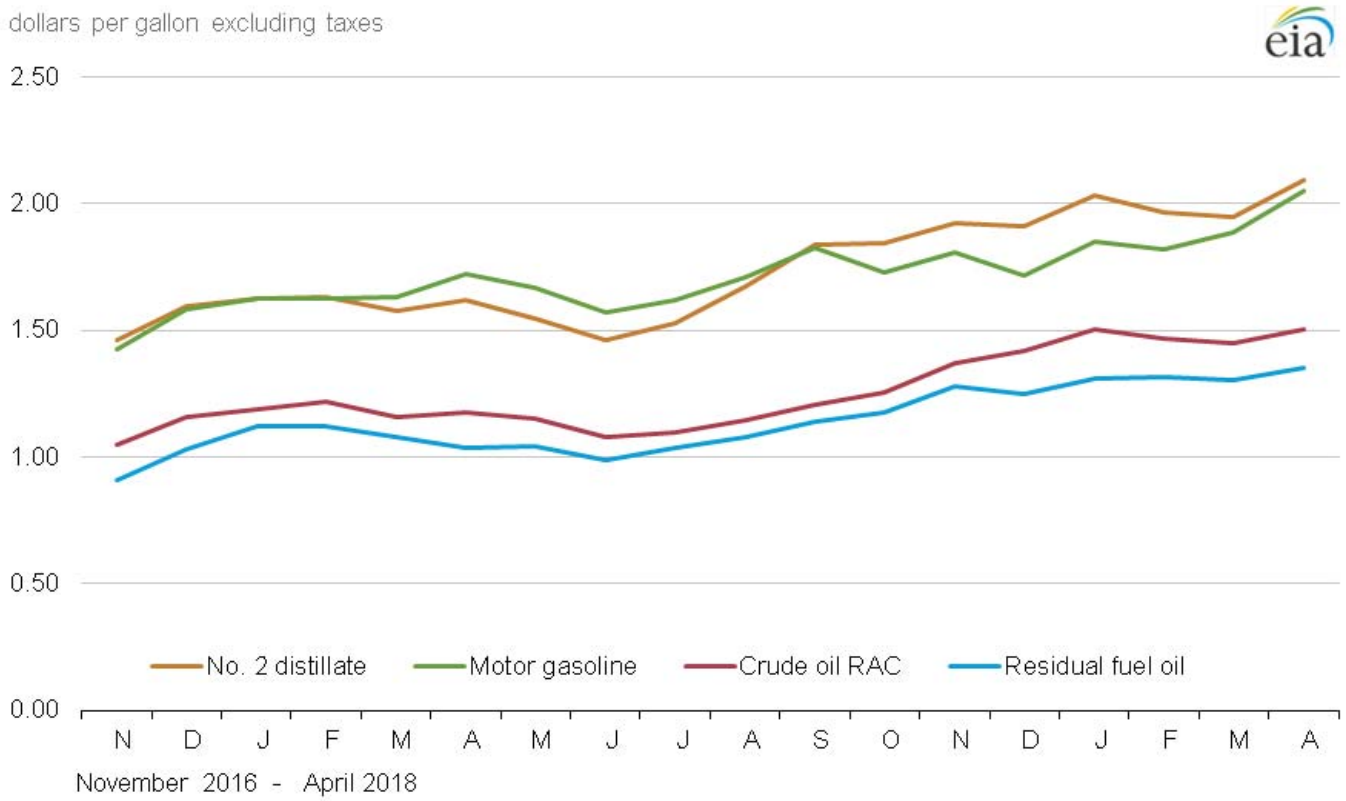
W = Withheld to avoid disclosure of individual company data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - In January 2007, ultra low-sulfur diesel fuel was added. - All on-highway diesel must be ultra low-sulfur as of December 1, 2010 - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2017 are final. Total volumes may not equal the sum of the components due to rounding.

Source: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Figure HL1. Crude oil and petroleum product wholesale prices



Sources: U.S. Energy Information Administration, Crude oil refiner acquisition cost: Form EIA-14, "Refiners' Monthly Cost Report"; petroleum product prices: Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."
Note: RAC stands for refiner acquisition cost.

Summary Statistics

Table 1. Crude oil prices

dollars per barrel

Year month	Domestic first purchase prices	Average F.O.B.[a] cost of crude oil imports[b]	Average landed cost of crude oil imports[b]	Refiner acquisition cost of crude oil		
				Domestic	Imported	Composite
1997 average	17.23	16.94	18.11	19.61	18.53	19.04
1998 average	10.87	10.76	11.84	13.18	12.04	12.52
1999 average	15.56	16.47	17.23	17.90	17.26	17.51
2000 average	26.72	26.27	27.53	29.11	27.70	28.26
2001 average	21.84	20.46	21.82	24.33	22.00	22.95
2002 average	22.51	22.63	23.91	24.65	23.71	24.10
2003 average	27.56	25.86	27.69	29.82	27.71	28.53
2004 average	36.77	33.75	36.07	38.97	35.90	36.98
2005 average	50.28	47.60	49.29	52.94	48.86	50.24
2006 average	59.69	57.03	59.11	62.62	59.02	60.24
2007 average	66.52	66.36	67.97	69.65	67.04	67.94
2008 average	94.04	90.32	93.33	98.47	92.77	94.74
2009 average	56.35	57.78	60.23	59.49	59.17	59.29
2010 average	74.71	74.19	76.50	78.01	75.86	76.69
2011 average	95.73	101.66	102.92	100.71	102.63	101.87
2012 average	94.52	99.78	101.00	100.72	101.09	100.93
2013 average	95.99	96.56	96.99	102.91	98.11	100.49
2014 average	87.39	85.65	88.16	94.05	89.56	92.02
2015 average	44.39	41.91	45.38	49.94	46.38	48.39
2016						
January	27.02	23.67	27.36	32.17	27.48	29.99
February	25.52	24.68	27.04	30.28	26.66	28.53
March	31.87	29.74	32.06	35.29	32.24	33.82
April	35.59	32.73	35.43	39.30	35.90	37.71
May	41.02	38.31	40.73	44.77	40.88	42.88
June	43.96	41.92	43.55	47.57	44.13	45.96
July	40.71	38.76	41.05	44.88	41.48	43.26
August	40.46	38.26	40.40	44.18	41.21	42.70
September	40.55	38.28	40.81	44.47	40.86	42.73
October	45.00	42.36	43.97	48.66	44.76	46.85
November	41.65	40.12	42.59	46.10	41.80	44.06
December	47.12	44.52	46.74	50.45	46.72	48.66
2016 average	38.29	36.37	38.56	42.41	38.75	40.66
2017						
January	48.19	44.62	47.05	51.81	48.12	49.99
February	49.41	45.91	48.08	53.15	49.38	51.24
March	46.39	44.09	46.26	50.60	46.53	48.65
April	47.23	43.60	46.00	51.34	47.47	49.47
May	45.19	43.92	46.15	49.58	47.21	48.47
June	42.17	41.34	43.85	46.26	44.03	45.25
July	43.42	42.09	44.82	47.59	44.76	46.27
August	44.96	44.18	46.93	48.76	47.62	48.22
September	47.17	46.50	49.80	51.07	50.46	50.78
October	49.12	47.22	51.11	53.71	51.40	52.67
November	55.19	52.11	56.10	58.92	56.30	57.75
December	56.98	53.68	56.96	61.10	57.44	59.53
2017 average	48.05	45.58	48.50	52.05	49.12	50.68
2018						
January	62.25	55.73	58.19	66.08	59.39	63.13
February	61.20	R53.42	R56.73	64.68	57.94	61.71
March	60.68	R52.99	R55.50	R64.03	R56.75	R60.80
April	63.50	56.98	58.66	R67.02	R61.30	R64.37
May[c]	NA	NA	NA	E70.73	E65.90	E68.50

NA = Not available.

E = Estimated data.

R = Revised data.

[a] Free on Board. See Glossary.

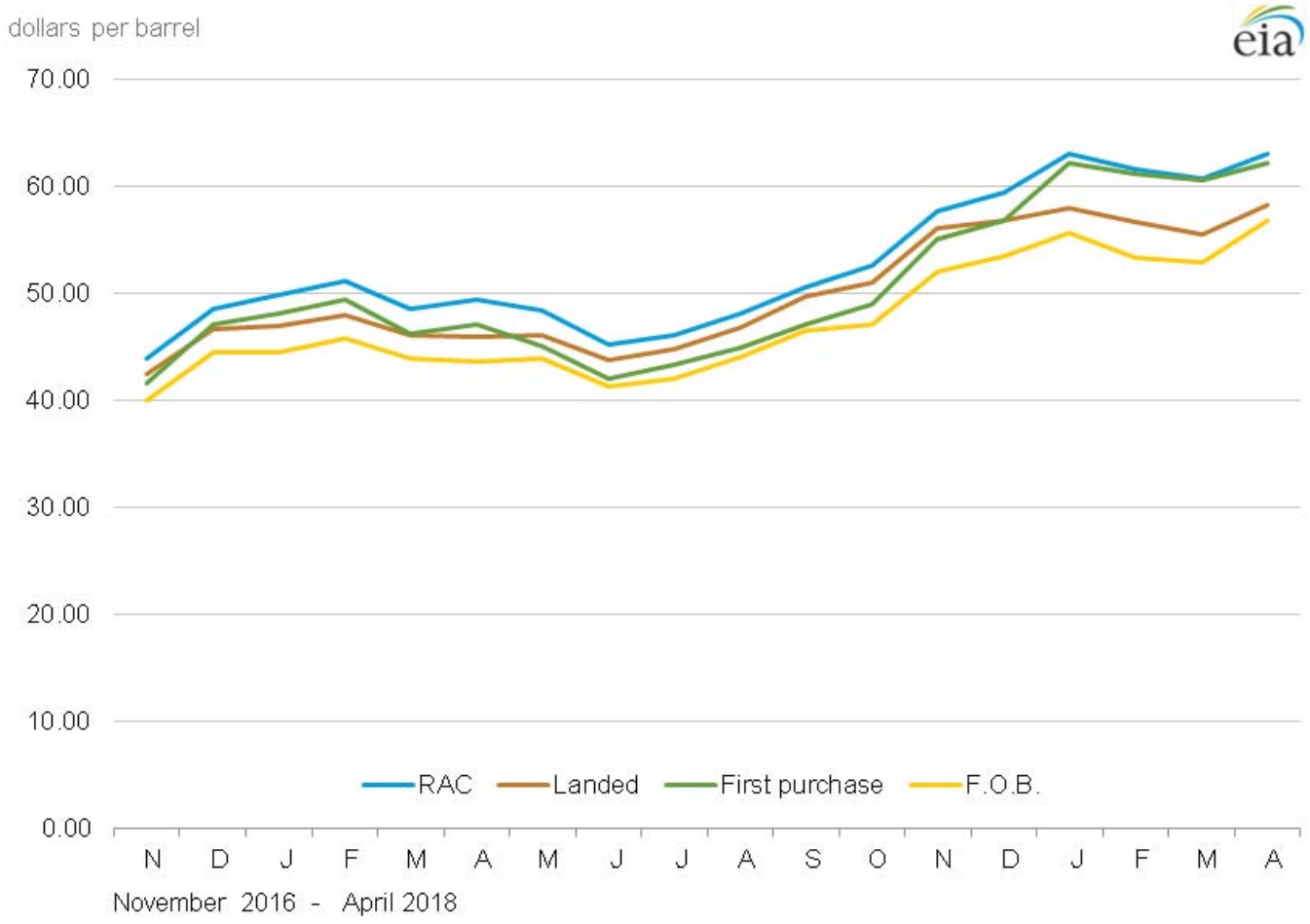
[b] Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section.

[c] Data are initial estimates calculated using regression models based on past and present values, spot prices and other internally computed data. For an explanation of estimation methodology, see the Preface.

Notes: - In November 2017, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values for Domestic First Purchase Price and Refiner Acquisition Cost for the current 2 months, and for Average F.O.B. and Average Landed Costs, for the current 3 months are preliminary. Values shown for previous months may be revised. Data through 2017 are final.

Sources: Domestic first purchase prices -- See "Source" from Table 18. Crude oil imports costs -- See "Sources" from Table 21. Refiner acquisition costs -- U.S. Energy Information Administration, Form EIA-14, "Refiners' Monthly Cost Report."

Figure 1. Crude oil prices



Sources: U.S. Energy Information Administration, Form EIA-182, "Domestic Crude Oil First Purchase Report"; Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report"; and Form EIA-14, "Refiners' Monthly Cost Report."
Note: RAC stands for refiner acquisition cost.

Table 1A. Refiner acquisition cost of crude oil by PAD Districts

dollars per barrel

	U.S.			PAD District 1			PAD District 2		
Year month	Domestic	Imported	Composite	Domestic	Imported	Composite	Domestic	Imported	Composite
2004	38.97	35.90	36.98	40.75	38.29	38.34	40.80	35.63	38.38
2005	52.94	48.86	50.24	56.89	53.29	53.35	54.57	46.11	50.75
2006	62.62	59.02	60.24	66.92	63.53	63.60	63.66	55.19	59.70
2007	69.65	67.04	67.94	70.62	72.48	72.44	71.10	62.17	66.90
2008	98.47	92.77	94.74	100.30	96.90	96.97	100.98	88.45	94.93
2009	59.49	59.17	59.29	59.64	61.68	61.63	60.00	57.00	58.64
2010	78.01	75.86	76.69	75.90	80.03	79.91	78.85	72.24	75.92
2011	100.71	102.63	101.87	98.88	111.53	111.01	96.81	89.15	93.18
2012	100.72	101.09	100.93	104.45	112.27	111.50	95.04	83.90	89.44
2013	102.91	98.11	100.49	106.98	106.74	106.80	100.63	85.43	93.26
2014	94.05	89.56	92.02	96.95	96.51	96.70	93.08	81.66	87.51
2015	49.94	46.38	48.39	52.60	50.40	51.37	49.33	42.70	46.13
2016									
January	32.17	27.48	29.99	33.12	31.44	32.02	32.47	25.60	28.85
February	30.28	26.66	28.53	32.90	30.86	31.36	30.65	24.00	27.01
March	35.29	32.24	33.82	39.12	36.17	36.91	36.37	29.60	32.80
April	39.30	35.90	37.71	43.85	39.19	40.32	40.29	34.08	37.04
May	44.77	40.88	42.88	49.14	43.95	45.24	46.03	38.48	42.47
June	47.57	44.13	45.96	50.67	47.17	48.12	49.34	41.86	45.81
July	44.88	41.48	43.26	48.37	45.03	45.61	45.70	39.13	42.60
August	44.18	41.21	42.70	48.18	45.15	45.63	45.57	38.43	42.10
September	44.47	40.86	42.73	47.25	44.33	44.98	45.61	37.69	41.79
October	48.66	44.76	46.85	51.04	48.09	48.57	50.17	43.02	46.74
November	46.10	41.80	44.06	48.91	46.25	46.70	46.61	39.20	42.79
December	50.45	46.72	48.66	54.67	50.46	51.30	51.86	43.82	47.51
2016	42.41	38.75	40.66	44.58	42.54	43.00	43.76	36.19	39.95
2017									
January	51.81	48.12	49.99	55.35	52.87	53.34	52.83	44.53	48.26
February	53.15	49.38	51.24	55.90	52.80	53.29	53.56	46.04	49.59
March	50.60	46.53	48.65	55.85	51.98	52.62	50.84	42.91	46.64
April	51.34	47.47	49.47	54.99	51.26	51.64	51.93	44.10	48.06
May	49.58	47.21	48.47	54.64	50.66	51.17	49.72	44.65	47.27
June	46.26	44.03	45.25	52.47	47.87	48.38	46.39	41.59	44.14
July	47.59	44.76	46.27	54.32	48.41	48.92	47.81	42.13	44.99
August	48.76	47.62	48.22	56.03	50.70	51.02	49.34	44.57	46.95
September	51.07	50.46	50.78	56.14	54.06	54.24	51.08	45.39	48.22
October	53.71	51.40	52.67	58.25	55.31	55.55	53.16	45.71	49.59
November	58.92	56.30	57.75	62.13	60.85	61.00	58.26	50.75	54.69
December	61.10	57.44	59.53	64.57	63.94	64.04	59.64	50.87	55.54
2017	52.05	49.12	50.68	56.98	53.46	53.87	52.03	45.21	48.63
2018									
January	66.08	59.39	63.13	66.24	65.97	66.01	65.21	51.67	58.61
February	64.68	57.94	61.71	66.09	64.96	65.16	63.69	48.42	56.43
March	R64.03	R56.75	R60.80	R66.71	R65.31	R65.63	R64.24	R47.18	R56.31
April	R67.02	R61.30	R64.37	69.95	70.27	70.21	67.21	51.04	59.15

See footnotes at end of table.

Table 1A. Refiner acquisition cost of crude oil by PAD Districts (cont.)

dollars per barrel

	PAD District 3			PAD District 4			PAD District 5		
Year month	Domestic	Imported	Composite	Domestic	Imported	Composite	Domestic	Imported	Composite
2004	39.28	34.79	35.87	39.98	35.93	37.81	36.81	38.20	37.30
2005	53.17	47.77	48.99	53.50	48.54	50.89	50.61	50.77	50.67
2006	63.17	58.34	59.54	60.80	56.17	58.45	60.90	61.44	61.15
2007	70.58	66.34	67.48	65.79	60.81	63.43	67.47	69.42	68.34
2008	100.39	91.86	94.11	91.49	88.56	90.12	94.53	96.30	95.35
2009	60.61	59.21	59.64	56.30	56.53	56.39	57.79	60.07	58.78
2010	78.73	75.67	76.65	73.56	70.77	72.37	76.56	78.23	77.34
2011	103.24	104.78	104.24	89.34	84.87	87.61	103.83	105.68	104.73
2012	104.32	105.18	104.83	86.83	80.80	84.63	103.03	106.43	104.69
2013	104.64	101.42	103.02	88.96	80.75	85.21	103.82	105.12	104.40
2014	94.67	90.84	93.06	84.63	78.73	81.93	94.45	96.13	95.22
2015	50.16	46.49	48.75	44.77	39.73	42.28	50.30	50.91	50.59
2016									
January	32.48	26.96	30.31	29.77	23.46	26.50	30.82	30.56	30.69
February	30.23	26.16	28.53	28.49	20.75	24.75	29.92	30.96	30.43
March	34.37	31.61	33.17	36.04	27.85	32.35	36.49	36.15	36.32
April	38.65	34.49	37.05	39.41	33.72	36.59	39.69	39.66	39.67
May	43.96	39.63	42.13	44.71	36.54	40.77	45.13	45.37	45.27
June	47.03	43.73	45.68	47.33	39.53	43.74	46.45	47.18	46.85
July	44.82	40.91	43.23	44.15	37.09	40.78	43.45	44.35	43.95
August	44.23	40.99	42.78	38.63	37.08	37.94	43.13	43.37	43.26
September	43.99	40.53	42.50	43.71	36.49	40.22	44.44	44.95	44.72
October	48.06	44.02	46.51	49.12	40.74	44.64	48.28	47.61	47.94
November	45.74	41.46	43.98	44.68	37.67	41.22	46.79	44.98	45.96
December	49.71	47.00	48.56	50.11	41.48	46.09	50.97	50.06	50.53
2016	41.97	38.22	40.42	41.48	34.49	38.11	42.10	42.21	42.16
2017									
January	51.15	48.10	49.85	50.68	41.66	46.38	52.87	52.35	52.61
February	52.72	49.73	51.37	52.61	42.82	47.68	53.93	52.71	53.31
March	50.32	46.58	48.77	49.06	40.36	44.87	51.24	50.43	50.83
April	50.98	47.37	49.51	49.19	40.95	45.53	52.31	50.78	51.48
May	49.39	46.88	48.41	48.03	42.03	45.68	50.25	49.78	49.98
June	46.02	43.62	45.11	44.97	40.31	43.17	46.91	46.53	46.72
July	47.24	43.93	45.96	46.30	42.36	44.55	48.78	48.53	48.64
August	48.11	47.46	47.87	48.76	42.63	46.02	50.27	50.44	50.37
September	50.53	51.49	50.87	50.47	43.58	47.34	53.23	53.92	53.62
October	53.35	52.03	52.87	51.66	44.11	48.56	56.57	56.09	56.32
November	58.69	56.47	57.89	56.98	49.24	53.78	61.56	61.45	61.50
December	61.28	58.19	60.23	57.78	48.21	53.79	63.05	62.02	62.54
2017	51.74	49.12	50.73	50.43	43.05	47.19	53.44	52.77	53.08
2018									
January	66.00	61.15	64.23	63.61	47.53	56.04	68.59	66.23	67.50
February	64.83	60.66	63.32	60.99	43.15	53.36	66.70	64.23	65.47
March	R63.43	58.65	R61.64	R61.80	R42.31	R53.23	R66.74	R64.27	R65.38
April	66.45	63.43	65.30	64.52	45.53	56.14	69.58	68.41	68.98

R = Revised data.

Notes: - U.S. is defined as the 50 states, the District of Columbia, Puerto Rico, the Virgin Islands, and all American territories and possessions. Values reflect the PAD District in which the crude oil is intended to be refined. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2017 are final.

Sources: U.S. Energy Information Administration Form EIA-14, "Refiners' Monthly Cost Report," January 2004 to present."

Table 2. U.S. refiner prices of petroleum products to end users

dollars per gallon excluding taxes

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 1 distillate	No. 2 distillate: No. 2 diesel fuel	No. 2 distillate: No. 2 fuel oil	No. 2 distillate: Average	No. 4 fuel[a]	Residual fuel oil
1994	0.738	0.957	0.534	0.530	0.660	0.640	0.554	0.572	0.556	0.501	0.352
1995	0.765	1.005	0.540	0.492	0.589	0.620	0.560	0.562	0.560	0.505	0.392
1996	0.847	1.116	0.651	0.605	0.740	0.726	0.681	0.673	0.680	0.603	0.455
1997	0.839	1.128	0.613	0.552	0.745	0.689	0.642	0.636	0.642	0.565	0.423
1998	0.673	0.975	0.452	0.405	0.501	0.551	0.494	0.482	0.492	0.428	0.305
1999	0.781	1.059	0.543	0.458	0.605	0.621	0.584	0.558	0.580	0.474	0.374
2000	1.106	1.306	0.899	0.603	1.123	0.988	0.935	0.927	0.934	0.769	0.602
2001	1.032	1.323	0.775	0.506	1.045	0.902	0.842	0.829	0.840	0.679	0.531
2002	0.947	1.288	0.721	0.419	0.990	0.828	0.762	0.737	0.759	0.657	0.569
2003	1.156	1.493	0.872	0.577	1.224	1.017	0.944	0.933	0.942	0.856	0.698
2004	1.435	1.819	1.207	0.839	1.160	1.262	1.243	1.173	1.235	1.017	0.739
2005	1.829	2.231	1.735	1.089	1.957	1.832	1.786	1.705	1.777	W	1.048
2006	2.128	2.682	1.998	1.358	2.244	2.137	2.096	1.982	2.091	W	1.218
2007	2.345	2.849	2.165	1.489	2.263	2.286	2.267	2.241	2.266	W	1.374
2008	2.775	3.273	3.052	1.892	3.283	2.983	3.150	2.986	3.143	W	1.964
2009	1.888	2.442	1.704	1.220	2.675	2.141	1.834	1.962	1.840	W	1.341
2010	2.301	3.028	2.201	1.481	3.063	2.705	2.314	2.462	2.318	W	1.713
2011	3.050	3.803	3.054	1.709	3.616	3.467	3.117	3.193	3.119	W	2.401
2012	3.154	3.971	3.104	1.139	3.843	3.580	3.202	3.358	3.206	W	2.592
2013	3.049	3.932	2.979	1.028	3.842	3.483	3.122	3.335	3.126	W	2.482
2014	2.855	3.986	2.772	1.097	W	3.117	2.923	3.329	2.924	W	2.325
2015	2.003	W	1.629	0.481	W	1.822	1.819	2.016	1.821	W	1.285
2016											
January	1.505	W	1.038	0.377	W	NA	1.198	1.450	1.201	W	0.710
February	1.332	W	1.032	0.409	W	NA	1.185	1.407	1.187	-	0.632
March	1.552	W	1.133	0.481	W	1.610	1.317	1.555	1.318	-	0.693
April	1.725	W	1.187	0.472	W	1.706	1.386	1.631	1.388	W	0.782
May	1.869	W	1.342	0.533	W	W	1.555	1.733	1.555	-	0.922
June	1.961	W	1.464	0.514	W	2.041	1.661	1.861	1.662	W	0.983
July	1.804	W	1.393	0.491	W	1.911	1.577	1.814	1.578	W	1.030
August	1.754	W	1.330	0.460	W	1.890	1.577	NA	1.578	W	0.990
September	1.788	W	1.394	0.507	W	1.977	1.601	1.805	1.602	W	1.076
October	1.819	W	1.506	0.599	W	2.048	1.706	1.941	1.708	W	1.115
November	1.759	W	1.426	0.557	W	2.050	1.599	1.787	1.601	-	1.106
December	1.849	W	1.539	0.666	W	NA	1.718	1.997	1.721	-	1.230
2016	1.730	W	1.319	0.498	W	1.702	1.511	1.716	1.512	W	0.945
2017											
January	1.900	W	1.584	0.774	W	2.138	1.747	NA	1.750	W	1.309
February	1.862	W	1.615	0.814	W	2.190	1.755	2.033	1.757	W	1.291
March	1.904	W	1.554	0.657	W	2.142	1.699	1.909	1.701	W	1.239
April	1.997	W	1.595	0.652	W	W	1.747	2.081	1.748	W	1.201
May	1.963	W	1.492	0.650	2.637	W	1.693	NA	1.694	W	1.213
June	1.906	W	1.434	0.611	2.600	2.018	1.618	1.739	1.618	W	1.195
July	1.871	W	1.478	0.667	2.621	W	1.665	1.728	1.665	-	1.211
August	1.952	W	1.613	0.768	2.579	W	1.792	1.904	1.793	W	1.204
September	2.154	W	1.795	0.895	2.703	2.382	1.959	2.044	1.959	W	1.314
October	2.042	W	1.743	0.972	W	2.452	1.982	2.048	1.983	-	1.304
November	2.122	W	1.831	1.011	W	2.466	2.047	2.134	2.048	-	1.413
December	2.034	W	1.869	1.028	W	2.423	2.037	2.263	2.039	-	1.484
2017	1.976	W	1.629	0.772	W	2.230	1.811	2.010	1.813	W	1.287
2018											
January	2.108	W	2.012	0.971	W	2.506	2.144	2.206	2.145	-	1.507
February	2.127	W	1.970	0.948	W	2.510	2.107	2.365	2.110	-	1.490
March	R2.160	W	R1.924	0.842	W	2.566	R2.076	2.484	R2.078	-	1.452
April	2.318	W	2.081	0.839	W	W	2.204	2.486	2.205	-	1.590

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

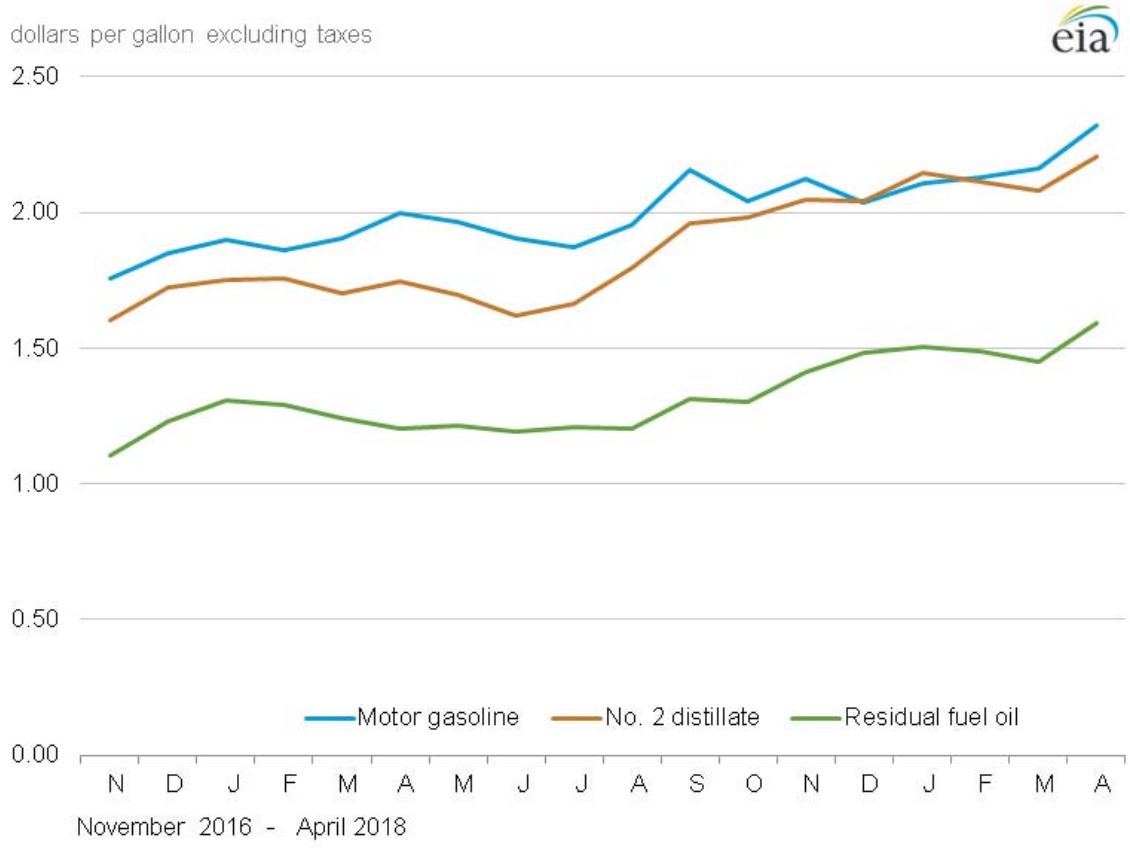
R = Revised data.

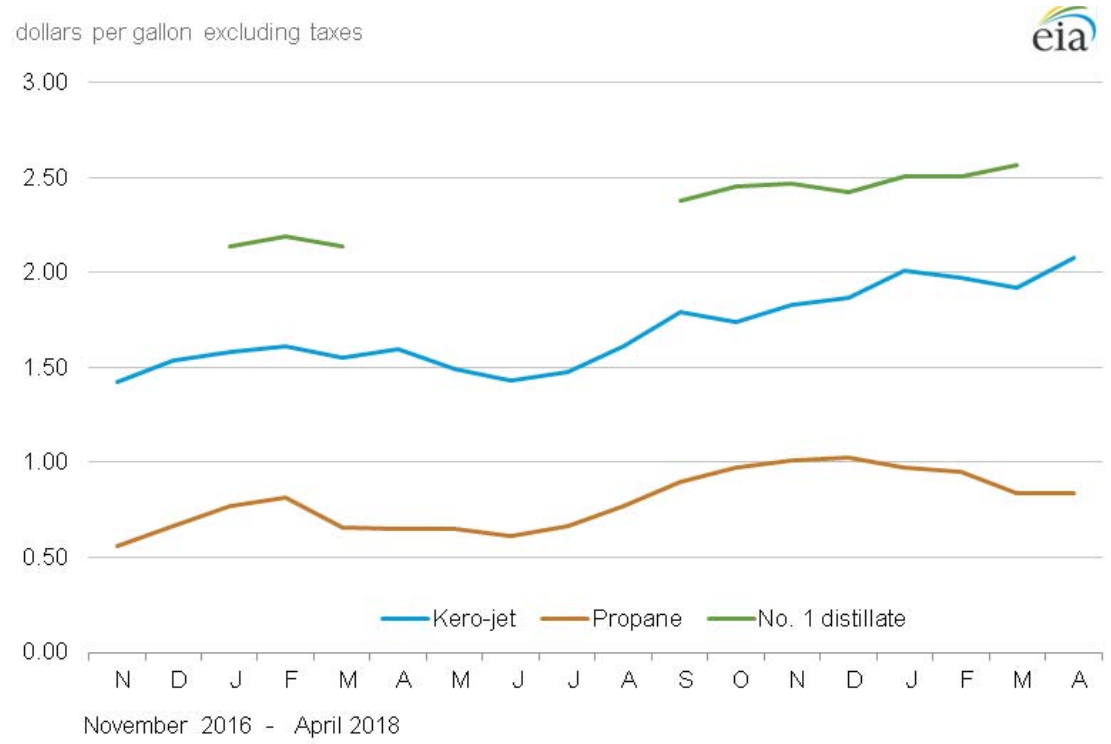
[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2017 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Figure 2. U.S. Refiner retail petroleum product prices





Sources: U.S. Energy Information Administration, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Sales Report."

Table 3. U.S. refiner volumes of petroleum products to end users

million gallons per day

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 1 distillate	No. 2 distillate: No. 2 diesel fuel	No. 2 distillate: No. 2 fuel oil	No. 2 distillate: Average	No. 4 fuel[a]	Residual fuel oil
1994	55.0	0.2	45.2	2.2	0.4	0.4	21.3	3.4	24.6	0.8	13.5
1995	55.9	0.2	45.7	3.2	0.6	0.3	21.6	3.3	24.9	0.5	11.6
1996	57.5	0.2	48.7	3.1	0.4	0.3	21.9	3.1	25.0	0.4	12.9
1997	61.1	0.2	49.7	3.2	0.3	0.4	22.0	3.0	25.0	0.3	13.4
1998	63.3	0.2	48.9	3.1	0.4	0.4	21.1	3.2	24.3	0.3	14.4
1999	62.0	0.1	47.0	3.6	0.2	0.3	21.1	3.0	24.1	0.3	13.9
2000	60.9	0.2	49.3	2.9	0.2	0.3	22.6	2.8	25.4	0.3	13.1
2001	62.0	0.1	49.7	3.6	0.2	0.3	22.9	3.0	26.0	0.4	14.8
2002	63.6	0.1	49.1	2.6	0.1	0.3	19.6	3.0	22.6	0.4	10.4
2003	63.8	0.1	44.0	2.5	0.1	0.3	16.7	2.7	19.5	0.3	10.7
2004	58.4	0.1	46.4	2.7	0.5	0.2	16.9	2.4	19.3	0.3	10.2
2005	59.0	0.1	45.2	3.2	0.1	0.3	17.0	2.1	19.1	W	10.4
2006	60.0	0.1	42.1	2.7	0.1	0.2	24.2	1.2	25.4	W	10.4
2007	57.7	0.1	40.1	3.3	0.1	0.2	23.6	0.8	24.3	W	10.9
2008	55.1	0.1	39.9	2.7	NA	0.1	19.9	0.9	20.8	W	8.4
2009	49.8	0.2	38.0	3.7	NA	0.1	16.9	0.9	17.8	W	8.5
2010	44.7	0.1	34.8	3.9	0.0	0.1	15.3	0.4	15.8	W	7.6
2011	39.0	0.1	33.3	4.5	0.0	0.1	13.4	0.4	13.8	W	6.4
2012	29.7	0.1	32.5	5.6	0.0	0.1	12.2	0.3	12.5	W	5.5
2013	24.7	0.0	31.4	5.3	0.0	0.1	11.5	0.2	11.7	W	5.2
2014	21.6	0.0	31.3	4.9	W	0.1	11.9	0.1	11.9	W	4.6
2015	25.5	W	33.4	5.6	W	0.1	12.6	0.1	12.7	W	4.0
2016											
January	24.4	W	31.0	8.6	W	NA	12.1	0.1	12.2	W	4.1
February	25.2	W	28.5	7.4	W	NA	12.6	0.1	12.8	-	3.9
March	25.2	W	30.8	6.1	W	0.1	12.2	0.1	12.3	-	4.1
April	25.9	W	30.6	5.8	W	0.1	12.1	0.1	12.1	W	4.2
May	26.0	W	30.9	5.5	W	W	12.5	0.1	12.5	-	3.9
June	26.7	W	32.7	6.0	W	0.0	12.5	0.1	12.6	W	3.8
July	26.3	W	32.1	4.2	W	0.0	12.6	0.0	12.6	W	4.3
August	26.5	W	32.7	6.9	W	0.0	13.6	0.1	13.7	W	4.4
September	26.4	W	32.2	6.3	W	0.0	13.2	0.1	13.3	W	4.7
October	25.9	W	30.2	5.0	W	0.1	13.1	0.1	13.2	W	4.4
November	24.6	W	31.6	5.3	W	0.1	13.2	0.2	13.3	-	4.0
December	24.1	W	31.3	6.4	W	NA	11.9	0.1	12.0	-	4.2
2016	25.6	W	31.2	6.1	W	0.1	12.6	0.1	12.7	W	4.2
2017											
January	22.9	W	28.7	5.7	W	0.1	12.2	NA	12.4	W	3.9
February	23.8	W	30.6	6.4	W	0.1	12.0	0.1	12.1	W	4.4
March	24.5	W	33.1	5.1	W	0.1	12.8	0.1	12.9	W	4.6
April	24.3	W	30.9	5.8	W	W	12.0	0.1	12.0	W	3.8
May	24.9	W	31.6	6.7	0.0	W	12.4	NA	12.5	W	3.8
June	25.7	W	33.2	5.0	0.0	0.0	12.3	0.0	12.3	W	3.7
July	24.8	W	32.7	5.0	0.0	W	12.0	0.1	12.1	-	3.4
August	25.2	W	32.1	5.8	0.0	W	12.7	0.1	12.8	W	3.7
September	24.6	W	30.4	4.9	0.0	0.1	12.4	0.1	12.4	W	4.1
October	24.9	W	29.5	3.9	W	0.1	12.3	0.1	12.4	-	3.5
November	24.3	W	30.4	4.4	W	0.1	12.7	0.2	12.9	-	4.3
December	24.1	W	28.8	3.1	W	0.1	11.4	0.1	11.5	-	4.6
2018											
January	22.5	W	29.1	3.5	W	0.1	11.7	0.3	12.0	-	3.7
February	23.4	W	27.8	3.2	W	0.1	11.8	0.1	12.0	-	3.6
March	R24.1	W	R31.7	3.4	W	0.1	R12.7	0.1	R12.8	-	3.6
April	23.9	W	29.9	4.3	W	W	12.7	0.0	12.7	-	3.1

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

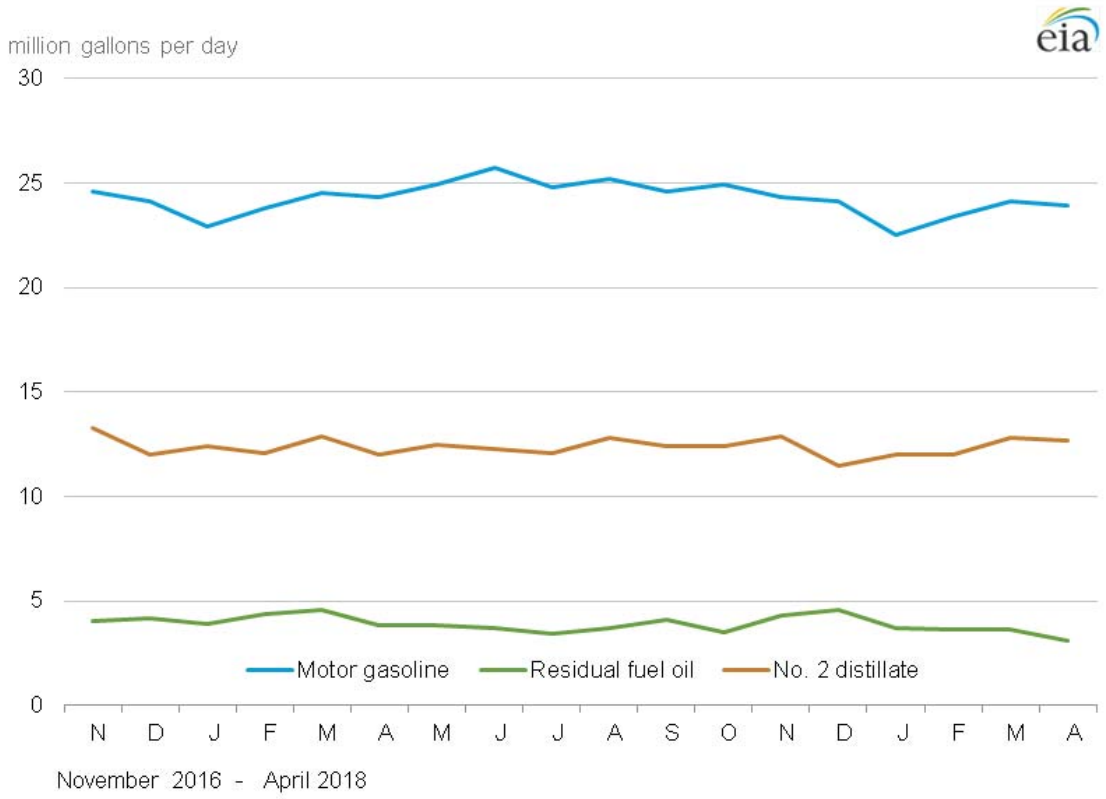
R = Revised data.

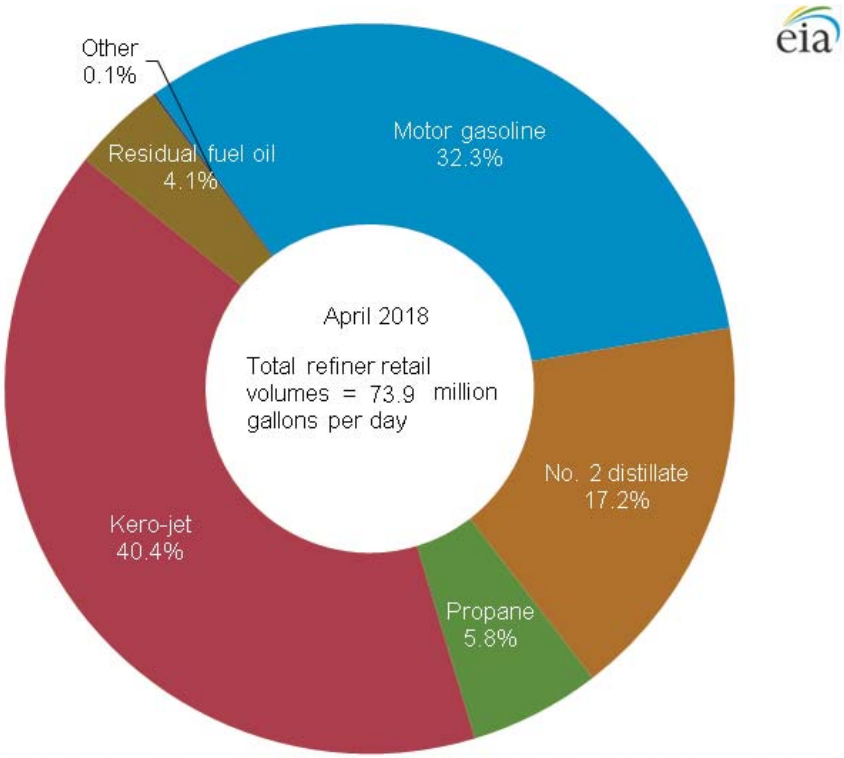
[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2017 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Figure 3. U.S. Refiner retail petroleum product volumes





Source: U.S. Energy Information Administration, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 4. U.S. refiner prices of petroleum products for resale

dollars per gallon excluding taxes

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 1 distillate	No. 2 distillate: No. 2 diesel fuel	No. 2 distillate: No. 2 fuel oil	No. 2 distillate: Average	No. 4 fuel[a]	Residual fuel oil
1994	0.599	0.933	0.534	0.324	0.618	0.615	0.529	0.506	0.522	0.462	0.317
1995	0.626	0.975	0.539	0.344	0.580	0.625	0.538	0.511	0.530	0.463	0.363
1996	0.713	1.055	0.646	0.461	0.714	0.751	0.659	0.639	0.653	0.603	0.420
1997	0.70	1.065	0.613	0.416	0.653	0.723	0.606	0.590	0.602	0.551	0.387
1998	0.526	0.912	0.450	0.288	0.465	0.513	0.444	0.422	0.439	0.383	0.280
1999	0.645	1.007	0.533	0.342	0.550	0.634	0.546	0.493	0.536	0.430	0.354
2000	0.963	1.330	0.880	0.595	0.969	1.019	0.898	0.886	0.896	0.778	0.566
2001	0.886	1.256	0.763	0.540	0.821	0.883	0.784	0.756	0.779	0.697	0.476
2002	0.828	1.146	0.716	0.431	0.752	0.805	0.724	0.694	0.718	0.663	0.530
2003	1.002	1.288	0.871	0.607	0.955	1.033	0.883	0.881	0.882	0.793	0.661
2004	1.288	1.627	1.208	0.751	1.271	1.289	1.187	1.125	1.178	1.033	0.681
2005	1.670	2.076	1.723	0.933	1.757	1.801	1.737	1.623	1.720	1.377	0.971
2006	1.969	2.490	1.961	1.031	2.007	2.044	2.012	1.834	1.991	1.395	1.136
2007	2.182	2.758	2.171	1.194	2.249	2.430	2.203	2.072	2.190	1.551	1.350
2008	2.586	3.342	3.020	1.437	2.851	2.712	2.994	2.745	2.970	2.157	1.866
2009	1.767	2.480	1.719	0.921	1.844	2.050	1.713	1.657	1.707	1.561	1.342
2010	2.165	2.874	2.185	1.212	2.299	2.573	2.214	2.147	2.208	W	1.697
2011	2.867	3.739	3.014	1.467	3.065	3.223	3.034	2.907	3.025	2.801	2.336
2012	2.929	3.919	3.080	1.033	3.163	3.349	3.109	3.031	3.103	W	2.457
2013	2.812	3.869	2.953	1.048	3.084	3.340	3.028	2.966	3.025	2.767	2.278
2014	2.618	3.687	2.763	1.165	2.882	3.213	2.812	2.741	2.809	2.333	2.044
2015	1.726	2.764	1.592	0.555	1.735	1.957	1.667	1.565	1.663	1.215	0.996
2016											
January	1.187	2.122	1.022	0.460	1.183	1.263	1.015	0.976	1.012	0.739	0.499
February	1.046	1.908	1.017	0.470	1.155	1.278	1.043	0.948	1.035	W	0.504
March	1.335	2.230	1.100	0.497	1.208	1.413	1.189	1.070	1.182	0.861	0.558
April	1.476	2.457	1.155	0.458	1.193	1.491	1.251	1.113	1.244	0.957	0.616
May	1.613	2.528	1.311	0.511	1.327	1.736	1.432	1.291	1.426	1.046	0.723
June	1.643	2.591	1.428	0.497	1.445	1.864	1.531	1.404	1.527	1.136	0.825
July	1.490	2.505	1.354	0.476	1.297	1.749	1.426	1.305	1.421	W	0.835
August	1.508	2.405	1.313	0.453	1.408	1.759	1.440	1.307	1.437	W	0.815
September	1.514	2.506	1.366	0.494	1.402	1.743	1.471	1.341	1.466	W	0.854
October	1.568	2.551	1.471	0.608	1.580	1.842	1.592	1.443	1.584	W	0.938
November	1.427	2.433	1.406	0.588	1.485	1.672	1.469	1.386	1.464	W	0.908
December	1.585	2.462	1.511	0.703	1.685	1.851	1.606	1.507	1.597	W	1.030
2016	1.454	2.404	1.295	0.523	1.383	1.589	1.378	1.239	1.370	0.956	0.745
2017											
January	1.627	2.614	1.561	0.788	1.761	1.964	1.636	1.560	1.629	W	1.119
February	1.625	2.592	1.592	0.792	1.657	1.882	1.641	1.553	1.634	W	1.121
March	1.634	2.618	1.520	0.671	1.580	1.854	1.581	1.495	1.575	W	1.077
April	1.723	2.724	1.545	0.641	1.572	1.953	1.627	1.499	1.620	W	1.039
May	1.668	2.620	1.459	0.631	1.481	1.920	1.552	1.447	1.548	W	1.043
June	1.574	2.552	1.378	0.585	1.360	1.823	1.465	1.375	1.461	W	0.991
July	1.621	2.608	1.436	0.634	1.468	1.869	1.533	1.392	1.529	W	1.039
August	1.711	2.710	1.587	0.742	1.630	1.997	1.681	1.522	1.675	W	1.079
September	1.826	2.893	1.771	0.864	1.809	2.207	1.847	1.668	1.841	W	1.138
October	1.730	2.716	1.704	0.942	1.805	2.206	1.852	1.695	1.846	W	1.176
November	1.806	2.841	1.795	0.997	1.961	2.284	1.936	1.781	1.926	W	1.279
December	1.720	2.691	1.846	0.991	2.034	2.256	1.918	1.841	1.911	W	1.249
2017	1.689	2.682	1.603	0.800	1.730	2.093	1.691	1.600	1.686	W	1.116
2018											
January	1.849	2.900	1.969	0.990	2.209	2.430	2.042	1.990	2.036	W	1.310
February	1.823	2.893	1.911	0.889	2.088	2.295	1.972	1.889	1.966	W	1.319
March	1.889	2.904	1.893	0.827	1.969	2.209	1.952	1.848	1.946	W	1.302
April	2.054	3.085	2.031	0.792	2.075	2.414	2.099	1.982	2.093	W	1.352

W = Withheld to avoid disclosure of individual company data.

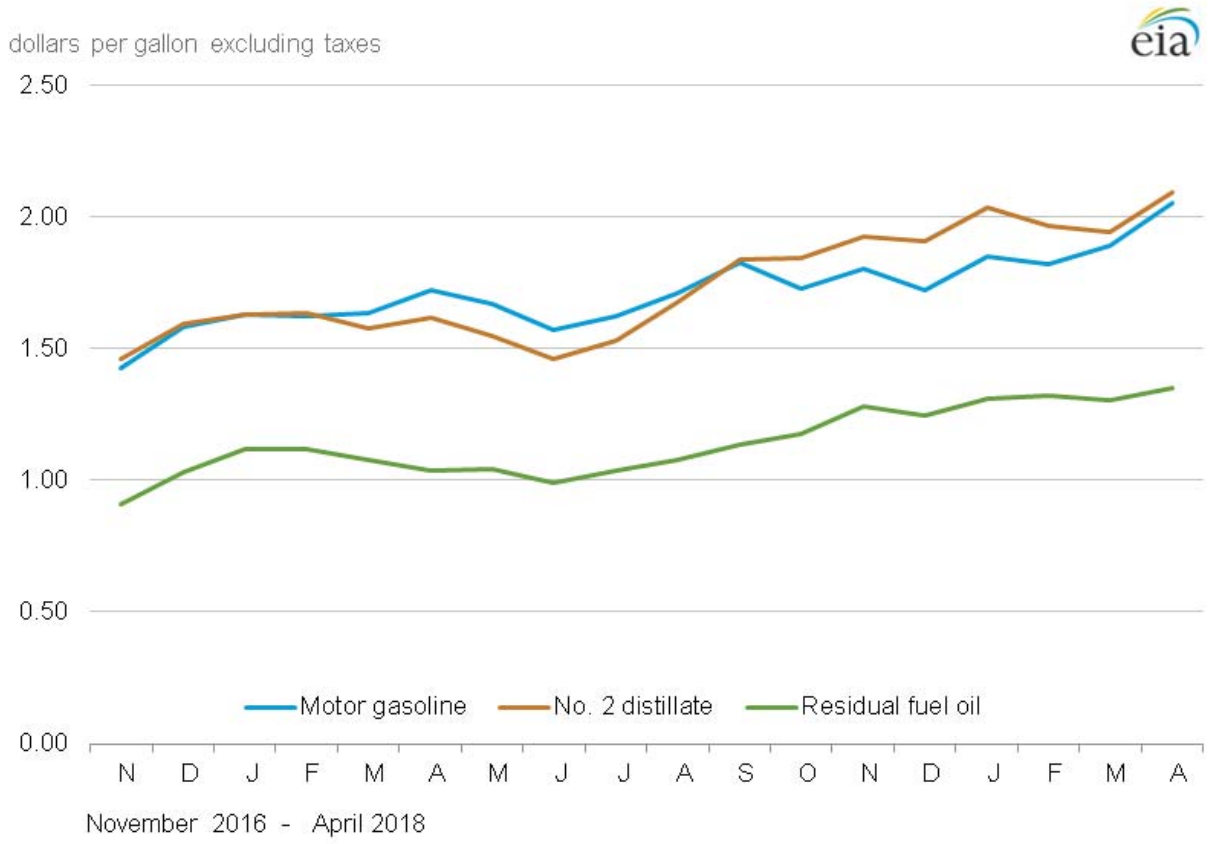
R = Revised data.

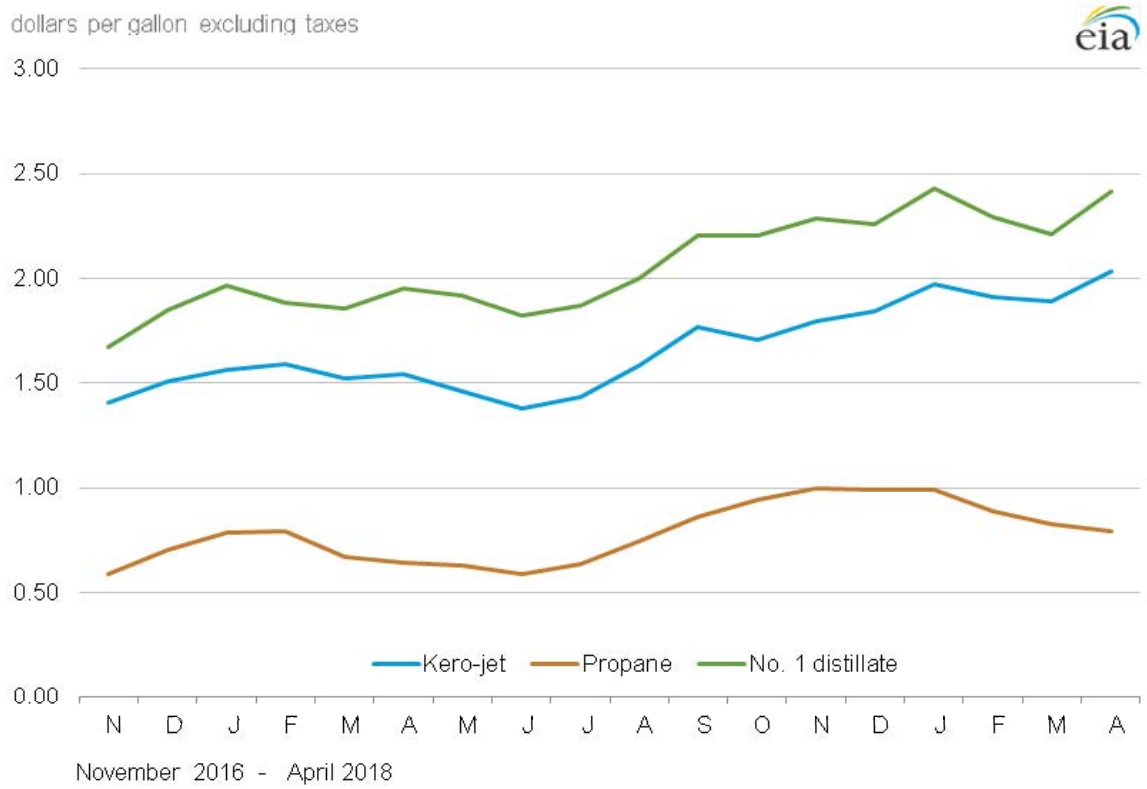
[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2017 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Figure 4. U.S. Refiner wholesale petroleum product prices





Source: U.S. Energy Information Administration, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 5. U.S. refiner volumes of petroleum sales for resale

million gallons per day

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 1 distillate	No. 2 distillate: No. 2 diesel fuel	No. 2 distillate: No. 2 fuel oil	No. 2 distillate: Average	No. 4 fuel[a]	Residual fuel oil
1994	276.7	0.7	9.1	28.4	2.5	1.9	72.4	32.9	105.3	0.4	12.8
1995	288.8	0.6	9.9	30.6	2.4	1.7	75.9	31.0	106.9	0.3	13.6
1996	293.6	0.6	11.5	32.9	2.7	1.8	83.7	33.1	116.8	0.3	13.8
1997	292.7	0.6	11.3	32.2	2.5	1.6	88.7	31.2	119.9	0.2	11.5
1998	300.4	0.6	12.2	32.7	2.2	1.4	91.9	27.3	119.2	0.1	15.4
1999	306.9	0.7	15.2	33.6	2.4	1.7	95.5	24.3	119.9	0.2	11.5
2000	304.4	0.6	15.7	34.8	2.3	1.5	98.8	23.3	122.1	0.2	10.5
2001	305.2	0.6	14.3	35.0	2.2	1.4	101.3	25.2	126.4	0.1	10.3
2002	311.8	0.6	12.1	32.9	2.0	1.3	100.8	23.6	124.4	0.1	8.8
2003	311.6	0.5	12.2	36.5	2.3	1.2	108.9	20.9	129.8	0.1	6.7
2004	316.4	0.6	12.7	40.3	2.1	1.3	116.5	19.6	136.1	NA	5.9
2005	321.8	0.5	15.2	35.1	2.0	1.4	118.7	20.6	139.3	NA	4.7
2006	315.6	0.5	15.2	39.4	1.4	1.3	123.2	16.7	139.9	0.3	6.5
2007	319.8	0.5	16.6	41.7	1.4	0.9	135.3	14.5	149.8	0.3	8.2
2008	306.4	0.4	16.5	34.2	1.0	1.0	138.7	14.9	153.6	0.2	9.5
2009	307.4	0.4	15.2	31.8	1.3	1.0	128.0	15.1	143.1	0.1	9.8
2010	312.0	0.4	20.3	28.3	1.4	0.9	135.5	11.5	147.0	W	10.7
2011	296.3	0.4	23.0	28.6	1.2	1.0	134.6	10.7	145.3	0.1	12.2
2012	294.7	0.4	23.5	27.6	1.2	0.8	136.9	10.7	147.6	W	8.8
2013	291.0	0.4	26.4	34.9	1.3	1.0	142.9	7.7	150.6	0.1	9.0
2014	289.2	0.4	27.5	32.9	1.4	1.4	146.3	7.0	153.3	0.1	8.0
2015	298.7	0.4	28.6	31.6	1.2	1.2	146.5	6.7	153.2	0.2	8.1
2016											
January	285.3	0.3	29.3	45.5	1.6	2.4	130.5	12.3	142.8	0.2	9.3
February	295.0	0.4	28.6	43.8	1.5	1.7	132.9	12.8	145.7	W	9.3
March	303.8	0.4	28.5	29.1	0.6	0.7	137.7	8.5	146.2	0.2	9.2
April	302.5	0.6	28.2	26.1	0.8	0.3	137.4	7.7	145.1	0.2	9.0
May	305.8	0.4	29.7	27.4	0.9	0.1	137.5	6.8	144.3	0.1	9.9
June	314.9	0.5	30.9	25.5	0.7	0.1	138.6	4.8	143.4	0.1	8.9
July	315.9	0.5	31.2	24.1	0.9	0.1	131.3	4.9	136.3	W	7.6
August	314.8	0.6	31.8	29.2	1.5	0.2	142.3	3.8	146.1	W	8.1
September	307.8	0.4	32.0	28.4	1.0	0.5	142.8	6.0	148.8	W	7.9
October	301.9	0.4	30.9	33.1	1.2	1.0	144.3	8.2	152.4	W	7.1
November	299.6	0.4	30.4	35.4	1.4	1.7	142.9	9.1	151.9	W	7.2
December	298.5	0.4	32.3	41.2	1.9	3.2	141.0	14.4	155.4	W	7.6
2016	303.8	0.4	30.3	32.4	1.2	1.0	138.3	8.2	146.5	0.1	8.4
2017											
January	277.9	0.3	30.2	38.5	1.4	2.5	129.6	13.7	143.4	W	6.6
February	289.7	0.4	32.8	37.3	1.3	1.8	134.3	11.3	145.6	W	6.2
March	297.2	0.4	31.8	28.0	0.7	0.9	138.0	9.6	147.5	W	5.9
April	302.9	0.4	40.2	23.3	0.7	0.2	139.3	8.0	147.3	W	6.2
May	306.0	0.4	40.2	20.0	0.8	0.1	152.1	5.5	157.6	W	5.9
June	309.7	0.6	40.2	21.5	0.6	0.1	156.7	6.8	163.5	W	8.2
July	304.0	0.5	39.7	20.0	0.7	0.1	146.1	4.2	150.3	W	6.3
August	314.9	0.5	40.2	24.7	0.7	0.2	151.2	5.4	156.6	W	8.4
September	302.5	0.5	39.6	27.2	0.8	0.3	150.2	5.5	155.6	W	7.8
October	305.9	0.5	39.4	30.4	1.0	1.0	159.1	6.9	166.0	W	8.4
November	304.8	0.4	38.5	36.7	1.3	2.3	153.5	10.7	164.2	W	7.2
December	302.2	0.5	43.6	39.7	1.6	2.8	147.1	14.5	161.6	W	8.1
2017	301.5	0.4	38.1	28.9	1.0	1.0	146.5	8.5	155.0	W	7.1
2018											
January	283.1	0.3	41.1	46.8	2.3	3.2	145.8	17.5	163.4	W	8.9
February	296.0	0.3	41.4	39.3	1.5	2.5	144.5	12.6	157.1	W	7.7
March	306.3	0.4	38.3	31.4	1.0	1.1	148.8	9.5	R158.3	W	7.4
April	306.9	0.5	40.0	24.5	0.8	0.4	156.2	9.0	165.2	W	7.3

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

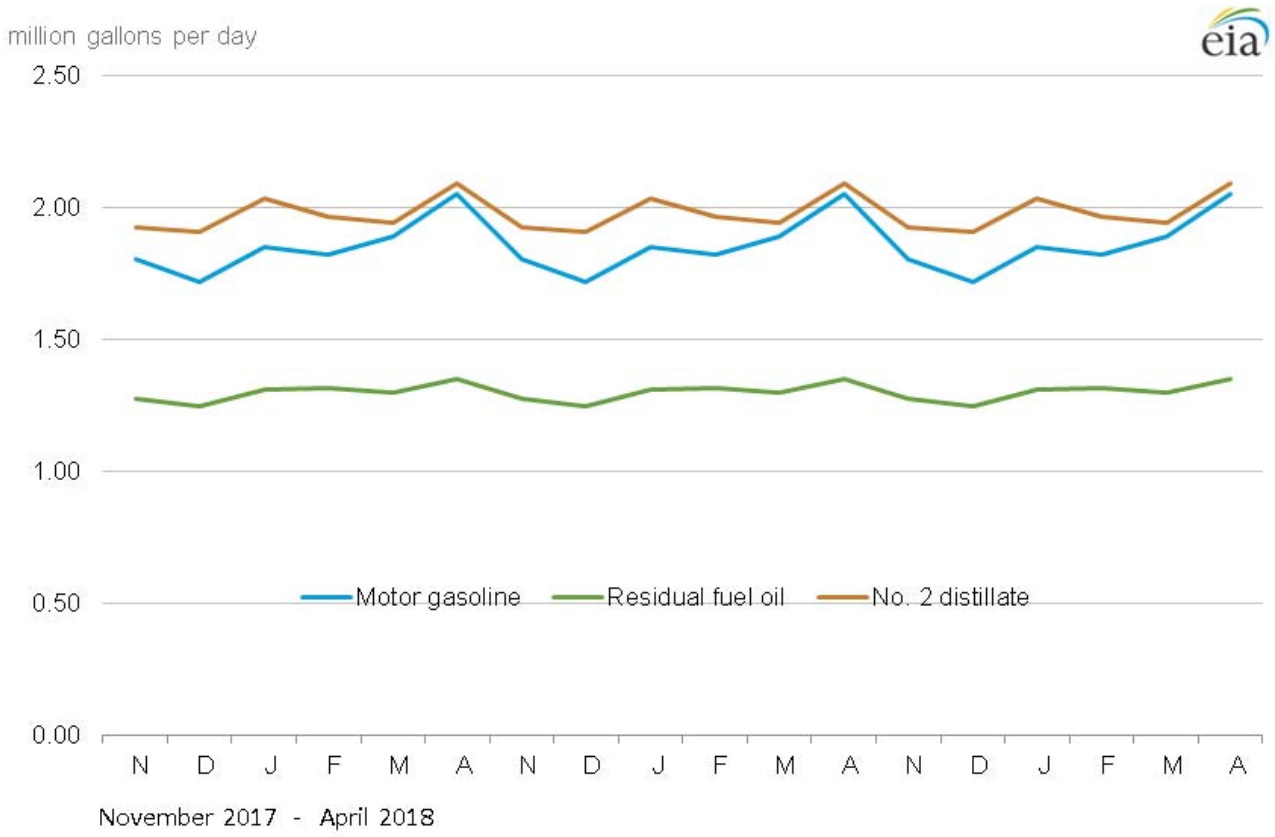
R = Revised data.

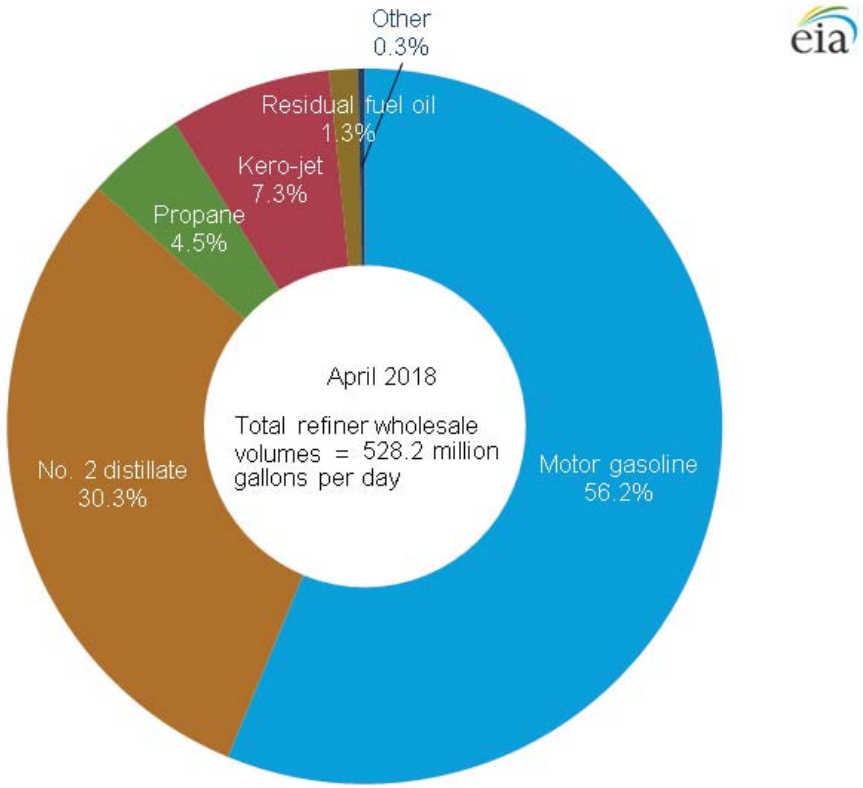
[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2017 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Figure 5. U.S. Refiner wholesale petroleum product volumes





Source: U.S. Energy Information Administration, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 6. U.S. refiner motor gasoline prices by grade and sales type

dollars per gallon excluding taxes

	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
Year month	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.695	0.689	0.646	0.547	0.502	0.566	0.791	0.785	0.704	0.584	NA	0.638
1995	0.723	0.717	0.682	0.576	0.534	0.593	0.813	0.808	0.737	0.619	NA	0.670
1996	0.812	0.807	0.770	0.672	0.622	0.685	0.901	0.896	0.824	0.709	NA	0.759
1997	0.803	0.798	0.764	0.656	0.615	0.673	0.898	0.895	0.822	0.694	0.711	0.749
1998	0.634	0.630	0.596	0.481	0.449	0.499	0.731	0.728	0.655	0.521	NA	0.576
1999	0.747	0.742	0.730	0.605	0.542	0.620	0.838	0.835	0.784	0.639	NA	0.696
2000	1.077	1.073	1.042	0.927	0.873	0.942	1.171	1.168	1.099	0.960	-	1.013
2001	1	0.997	0.977	0.848	0.786	0.865	1.103	1.10	1.042	0.888	-	0.945
2002	0.915	0.912	0.886	0.801	0.735	0.806	1.013	1.010	0.968	0.839	-	0.885
2003	1.127	1.123	1.134	0.965	0.888	0.981	1.222	1.218	1.196	1.004	-	1.061
2004	1.407	1.404	1.414	1.257	1.182	1.269	1.503	1.499	1.469	1.296	-	1.340
2005	1.805	1.802	1.765	1.653	1.568	1.654	1.896	1.893	1.821	1.681	-	1.708
2006	2.102	2.099	2.082	1.944	1.866	1.950	2.216	2.213	2.157	1.987	-	2.016
2007	2.318	2.315	2.278	2.161	2.074	2.161	2.440	2.438	2.351	2.226	-	2.245
2008	2.752	2.748	2.702	2.558	2.525	2.570	2.880	2.879	2.775	2.588	-	2.610
2009	1.860	1.856	1.866	1.744	1.668	1.747	1.998	1.997	1.957	1.762	-	1.784
2010	2.275	2.270	2.261	2.144	2.073	2.146	2.416	2.416	2.357	2.168	-	2.185
2011	3.028	3.021	2.961	2.846	2.762	2.847	3.165	3.165	3.057	2.880	-	2.893
2012	3.132	3.118	3.086	2.892	2.836	2.904	3.291	3.290	3.194	2.906	-	2.925
2013	3.029	3.010	2.907	2.769	2.747	2.779	3.200	3.199	3.038	2.862	-	2.876
2014	2.832	2.811	2.767	2.574	2.520	2.584	3.031	3.030	2.903	2.716	-	2.738
2015	1.939	1.938	2.105	1.654	1.604	1.681	2.225	2.224	2.252	1.824	-	1.872
2016												
January	1.426	1.426	1.648	1.101	1.148	1.142	1.760	1.759	1.794	1.257	-	1.321
February	1.257	1.256	1.351	0.977	0.985	1.003	1.555	1.554	1.499	1.118	-	1.165
March	1.487	1.485	1.638	1.273	1.198	1.291	1.745	1.744	1.808	1.441	-	1.486
April	1.658	1.656	1.757	1.412	1.336	1.431	1.927	1.926	1.886	1.574	-	1.612
May	1.806	1.806	1.805	1.559	1.455	1.568	2.047	2.046	1.928	1.716	-	1.741
June	1.901	1.900	1.866	1.585	1.513	1.598	2.123	2.121	1.996	1.749	-	1.776
July	1.729	1.729	1.781	1.421	1.411	1.444	2.025	2.024	1.893	1.592	-	1.627
August	1.687	1.687	1.643	1.458	1.390	1.465	1.945	1.944	1.781	1.619	-	1.637
September	1.716	1.716	1.759	1.449	1.438	1.469	1.996	1.995	1.895	1.617	-	1.650
October	1.748	1.748	1.791	1.505	1.478	1.523	2.027	2.027	1.935	1.676	-	1.706
November	1.685	1.684	1.673	1.361	1.393	1.384	1.987	1.985	1.797	1.521	-	1.552
December	1.784	1.783	1.687	1.541	1.473	1.547	2.032	2.031	1.831	1.685	-	1.702
2016	1.661	1.660	1.701	1.392	1.354	1.410	1.935	1.934	1.839	1.552	-	1.586
2017												
January	1.831	1.830	1.822	1.571	1.583	1.588	2.112	2.111	1.950	1.730	-	1.757
February	1.785	1.785	1.897	1.560	1.567	1.583	2.103	2.101	2.056	1.729	-	1.769
March	1.826	1.826	1.964	1.562	1.563	1.590	2.146	2.144	2.105	1.735	-	1.780
April	1.925	1.924	2.002	1.660	1.616	1.680	2.210	2.206	2.148	1.831	-	1.868
May	1.886	1.885	2.005	1.596	1.557	1.620	2.194	2.192	2.143	1.774	-	1.815
June	1.829	1.828	1.920	1.500	1.506	1.528	2.143	2.142	2.033	1.677	-	1.715
July	1.795	1.794	1.869	1.557	1.518	1.576	2.090	2.089	2.009	1.727	-	1.757
August	1.879	1.877	1.962	1.648	1.608	1.666	2.175	2.173	2.105	1.822	-	1.852
September	2.082	2.080	2.094	1.763	1.707	1.781	2.386	2.382	2.200	1.948	-	1.977
October	1.970	1.968	1.979	1.670	1.660	1.689	2.270	2.268	2.112	1.835	-	1.868
November	2.054	2.052	2.037	1.748	1.761	1.767	2.345	2.342	2.170	1.905	-	1.935
December	1.964	1.963	1.931	1.662	1.710	1.683	2.258	2.256	2.067	1.813	-	1.844
2017	1.903	1.902	1.957	1.625	1.622	1.647	2.202	2.200	2.090	1.791	-	1.826
2018												
January	2.039	2.037	2.066	1.791	1.803	1.810	2.330	2.328	2.227	1.953	-	1.986
February	2.049	2.047	2.153	1.750	1.838	1.782	2.389	2.386	2.302	1.924	-	1.970
March	R2.080	R2.078	2.248	1.820	1.805	1.846	R2.419	R2.417	2.415	1.997	-	2.047
April	2.241	2.239	2.411	1.985	1.945	2.010	2.585	2.583	2.560	2.167	-	2.214

See footnotes at end of table.

Table 6. U.S. refiner motor gasoline prices by grade and sales type (cont.)

dollars per gallon excluding taxes

	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
Year month	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.873	0.865	0.787	0.640	0.556	0.695	0.744	0.738	0.693	0.567	0.509	0.599
1995	0.897	0.890	0.822	0.673	0.583	0.722	0.771	0.765	0.729	0.598	0.540	0.626
1996	0.979	0.972	0.897	0.762	0.669	0.803	0.853	0.847	0.809	0.690	0.627	0.713
1997	0.979	0.973	0.895	0.749	0.658	0.792	0.844	0.839	0.803	0.674	0.620	0.70
1998	0.811	0.805	0.726	0.573	0.489	0.617	0.678	0.673	0.636	0.50	0.454	0.526
1999	0.912	0.906	0.851	0.687	0.585	0.726	0.785	0.781	0.765	0.621	0.549	0.645
2000	1.250	1.242	1.174	1.017	0.927	1.055	1.111	1.106	1.074	0.940	0.879	0.963
2001	1.181	1.175	1.112	0.936	0.830	0.980	1.035	1.032	1.009	0.862	0.791	0.886
2002	1.094	1.088	1.030	0.899	0.80	0.928	0.949	0.947	0.922	0.816	0.741	0.828
2003	1.312	1.305	1.269	1.064	0.955	1.113	1.160	1.156	1.164	0.978	0.893	1.002
2004	1.603	1.596	1.553	1.361	1.274	1.408	1.439	1.435	1.442	1.270	1.187	1.288
2005	2	1.992	1.901	1.760	1.696	1.789	1.833	1.829	1.791	1.664	1.576	1.670
2006	2.326	2.320	2.231	2.093	1.988	2.117	2.131	2.128	2.110	1.959	1.873	1.969
2007	2.558	2.552	2.460	2.339	2.209	2.357	2.349	2.345	2.311	2.180	2.080	2.182
2008	2.971	2.965	2.846	2.718	2.689	2.746	2.778	2.775	2.726	2.572	2.532	2.586
2009	2.128	2.122	2.059	1.941	1.816	1.958	1.892	1.888	1.899	1.761	1.675	1.767
2010	2.543	2.536	2.446	2.334	2.187	2.346	2.306	2.301	2.293	2.162	2.078	2.165
2011	3.291	3.283	3.139	3.047	2.873	3.049	3.058	3.050	2.990	2.864	2.769	2.867
2012	3.413	3.400	3.273	3.149	3.102	3.163	3.168	3.154	3.117	2.916	2.861	2.929
2013	3.320	3.307	3.108	3.076	3.010	3.075	3.068	3.049	2.942	2.801	2.774	2.812
2014	3.152	3.138	2.941	2.878	2.783	2.880	2.876	2.855	2.800	2.606	2.548	2.618
2015	2.392	2.386	2.312	2.035	1.845	2.061	2.006	2.003	2.148	1.696	1.627	1.726
2016												
January	1.963	1.958	1.873	1.473	1.309	1.519	1.506	1.505	1.696	1.143	1.164	1.187
February	1.760	1.757	1.578	1.322	1.140	1.346	1.333	1.332	1.402	1.016	1.005	1.046
March	1.938	1.935	1.892	1.633	1.421	1.656	1.554	1.552	1.694	1.314	1.218	1.335
April	2.121	2.119	1.999	1.779	1.526	1.788	1.727	1.725	1.809	1.454	1.366	1.476
May	2.242	2.240	2.043	1.928	1.658	1.925	1.871	1.869	1.857	1.602	1.479	1.613
June	2.319	2.316	2.109	1.956	1.753	1.962	1.962	1.961	1.919	1.628	1.540	1.643
July	2.225	2.223	2.005	1.788	1.576	1.801	1.804	1.804	1.831	1.467	1.428	1.490
August	2.143	2.141	1.878	1.813	1.575	1.810	1.755	1.754	1.696	1.501	1.404	1.508
September	2.192	2.189	1.999	1.827	1.592	1.836	1.789	1.788	1.813	1.493	1.454	1.514
October	2.237	2.234	2.036	1.884	1.669	1.892	1.819	1.819	1.846	1.548	1.501	1.568
November	2.199	2.196	1.903	1.729	1.539	1.744	1.760	1.759	1.724	1.403	1.406	1.427
December	2.242	2.240	1.937	1.871	1.615	1.861	1.850	1.849	1.743	1.578	1.492	1.585
2016	2.134	2.132	1.939	1.757	1.535	1.767	1.731	1.730	1.754	1.434	1.374	1.454
2017												
January	2.323	2.320	2.065	1.908	1.761	1.922	1.902	1.900	1.876	1.607	1.601	1.627
February	2.322	2.318	2.162	1.908	1.793	1.940	1.863	1.862	1.956	1.598	1.584	1.625
March	2.365	2.362	2.213	1.921	1.756	1.953	1.905	1.904	2.019	1.602	1.589	1.634
April	2.423	2.421	2.249	2.015	1.821	2.036	1.998	1.997	2.058	1.701	1.636	1.723
May	2.411	2.408	2.257	1.963	1.777	1.994	1.964	1.963	2.062	1.639	1.578	1.668
June	2.361	2.358	2.149	1.860	1.730	1.892	1.908	1.906	1.971	1.543	1.533	1.574
July	2.304	2.300	2.116	1.912	1.757	1.934	1.872	1.871	1.925	1.599	1.544	1.621
August	2.387	2.382	2.216	2.008	1.845	2.028	1.954	1.952	2.019	1.691	1.633	1.711
September	2.593	2.589	2.335	2.129	2.038	2.152	2.157	2.154	2.147	1.805	1.737	1.826
October	2.479	2.475	2.225	2.009	1.862	2.031	2.044	2.042	2.034	1.708	1.681	1.730
November	2.558	2.554	2.285	2.070	1.902	2.086	2.125	2.122	2.091	1.784	1.778	1.806
December	2.474	2.470	2.167	1.976	1.819	1.990	2.036	2.034	1.984	1.697	1.724	1.720
2017	2.416	2.413	2.204	1.973	1.825	1.997	1.978	1.976	2.013	1.665	1.644	1.689
2018												
January	2.552	2.547	2.328	2.115	1.992	2.136	2.111	2.108	2.125	1.827	1.824	1.849
February	2.619	2.614	2.413	2.087	1.982	2.126	2.130	2.127	2.211	1.787	1.851	1.823
March	R2.649	R2.644	2.523	2.166	R2.013	2.206	R2.162	R2.160	2.307	1.859	1.821	1.889
April	2.787	2.783	2.663	2.342	2.189	2.376	2.320	2.318	2.467	2.026	1.969	2.054

NA = Not available.

- = No data reported.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales. - Data for the 4th quarter of 1993 were derived from two separate survey systems. The DTW, Rack, and Bulk components were derived from the revised EIA-782 survey system, while the End-Use and Average Resale categories were derived from the predecessor EIA-782 survey system. Therefore, the DTW, Rack, and Bulk components are not consistent with the Average Resale category. Beginning January 1994, all data are from the revised EIA-782 survey system and are consistent. - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2017 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 7. U.S. refiner motor gasoline volumes by grade and sales type

million gallons per day

	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
Year month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	34.3	35.9	47.7	120.3	24.3	192.3	8.5	8.7	12.8	15.7	0.2	28.7
1995	34.3	35.9	43.8	126.2	31.8	201.8	9.6	9.8	13.3	17.2	0.1	30.6
1996	37.2	38.9	46.5	131.9	35.2	213.6	9.5	9.8	12.9	16.6	NA	29.5
1997	40.5	42.4	46.2	135.7	33.9	215.8	9.7	10.0	12.1	16.3	NA	28.4
1998	41.7	43.2	44.4	138.9	37.1	220.3	10.1	10.3	11.1	16.3	NA	27.4
1999	41.6	43.0	45.6	147.5	34.5	227.6	9.9	10.1	10.5	16.1	NA	26.6
2000	43.6	45.0	47.5	159.3	32.4	239.3	8.6	8.7	8.8	14.2	-	23.0
2001	45.0	46.3	47.2	163.2	33.0	243.5	8.3	8.4	7.8	13.3	-	21.1
2002	46.2	47.4	46.9	163.0	39.2	249.2	8.3	8.5	7.4	13.4	-	20.8
2003	47.3	48.6	43.5	171.4	40.1	255.0	7.8	7.9	5.5	13.1	-	18.6
2004	44.5	45.8	41.1	182.1	42.2	265.4	6.4	6.5	4.4	12.7	-	17.0
2005	46.4	47.5	37.5	189.8	45.8	273.2	5.9	6.0	3.2	13.5	-	16.7
2006	48.2	49.4	34.8	196.0	40.8	271.7	5.5	5.5	2.4	11.7	-	14.1
2007	47.0	47.8	34.0	195.7	46.8	276.6	5.0	5.0	2.0	11.7	-	13.7
2008	45.6	46.6	32.5	192.7	43.7	268.8	4.1	4.2	1.5	11.0	-	12.5
2009	40.5	42.2	32.4	196.8	39.3	268.5	3.5	3.5	1.3	10.2	-	11.5
2010	36.6	38.1	29.0	202.2	41.4	272.5	3.0	3.1	0.9	9.9	-	10.8
2011	32.1	33.5	24.9	204.9	30.5	260.2	2.5	2.5	0.7	8.5	-	9.2
2012	23.6	25.2	22.4	209.3	25.8	257.5	1.9	1.9	0.6	8.3	-	8.9
2013	19.3	20.9	22.7	209.2	22.3	254.2	1.6	1.6	0.6	6.7	-	7.2
2014	16.7	18.2	18.9	216.9	18.9	254.8	1.4	1.4	0.4	3.1	-	3.5
2015	20.8	21.1	18.0	224.2	19.6	261.8	1.7	1.8	0.3	2.7	-	3.1
2016												
January	19.9	20.2	17.2	214.4	18.2	249.8	1.7	1.7	0.3	2.4	-	2.8
February	20.4	20.7	18.0	222.4	16.7	257.0	1.8	1.8	0.3	2.4	-	2.7
March	20.5	20.7	18.1	224.8	23.1	266.0	1.8	1.8	0.3	2.4	-	2.8
April	21.0	21.3	18.4	228.7	16.0	263.1	1.8	1.8	0.3	2.5	-	2.9
May	21.1	21.3	18.3	228.6	19.1	266.0	1.8	1.8	0.3	2.6	-	3.0
June	21.7	21.9	18.2	235.5	20.4	274.1	1.9	1.9	0.3	2.7	-	3.1
July	21.4	21.6	18.0	232.3	22.7	273.0	1.9	1.9	0.3	2.7	-	3.0
August	21.5	21.7	18.4	233.9	21.8	274.1	1.9	1.9	0.3	2.7	-	3.0
September	21.4	21.6	18.0	229.9	20.6	268.5	1.9	1.9	0.3	2.5	-	2.8
October	21.1	21.4	17.8	229.7	16.2	263.6	1.8	1.8	0.3	2.4	-	2.7
November	20.1	20.3	17.4	228.3	16.5	262.2	1.7	1.7	0.3	2.4	-	2.7
December	19.6	19.8	17.6	227.2	16.2	261.0	1.7	1.7	0.3	2.2	-	2.5
2016	20.8	21.0	17.9	228.0	19.0	264.9	1.8	1.8	0.3	2.5	-	2.8
2017												
January	18.8	19.0	16.3	212.3	15.4	244.1	1.6	1.6	0.3	2.0	-	2.3
February	19.4	19.7	17.0	221.5	16.2	254.7	1.6	1.7	0.3	2.0	-	2.3
March	20.0	20.2	17.8	229.7	12.3	259.8	1.7	1.7	0.3	2.1	-	2.4
April	19.8	20.0	17.5	229.1	18.4	265.0	1.7	1.7	0.3	2.1	-	2.4
May	20.2	20.4	17.5	233.9	14.8	266.2	1.7	1.8	0.3	2.3	-	2.6
June	20.9	21.1	17.6	238.4	13.0	269.0	1.8	1.8	0.3	2.4	-	2.7
July	20.1	20.3	17.3	234.6	12.0	264.0	1.7	1.8	0.3	2.3	-	2.6
August	20.5	20.8	17.7	241.0	15.5	274.1	1.8	1.8	0.3	2.3	-	2.6
September	20.0	20.3	17.2	229.5	17.8	264.6	1.7	1.7	0.3	2.1	-	2.3
October	20.3	20.6	17.1	234.1	16.5	267.7	1.7	1.7	0.3	2.0	-	2.3
November	19.9	20.2	17.0	231.5	18.4	266.8	1.7	1.7	0.3	2.0	-	2.2
December	19.8	20.0	16.8	230.0	17.6	264.4	1.6	1.7	0.3	1.9	-	2.1
2017	20.0	20.2	17.2	230.5	15.6	263.4	1.7	1.7	0.3	2.1	-	2.4
2018												
January	18.5	18.7	15.9	215.9	16.4	248.3	1.5	1.5	0.2	1.7	-	2.0
February	19.2	19.5	16.8	224.3	18.9	260.1	1.6	1.6	0.2	1.8	-	2.0
March	R19.7	R20.0	17.3	231.3	20.4	R269.0	R1.7	R1.7	0.2	1.8	-	2.1
April	19.6	19.8	17.5	231.0	20.6	269.0	1.7	1.7	0.3	1.9	-	2.1

See footnotes at end of table.

Table 7. U.S. refiner motor gasoline volumes by grade and sales type (cont.)

million gallons per day

	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
Year month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	10.0	10.3	22.6	29.9	3.2	55.7	52.8	55.0	83.1	165.9	27.7	276.7
1995	9.8	10.2	20.8	31.5	4.2	56.4	53.7	55.9	77.9	174.8	36.0	288.8
1996	8.4	8.8	18.2	28.3	4.1	50.5	55.1	57.5	77.5	176.8	39.3	293.6
1997	8.4	8.8	16.9	27.6	4.0	48.5	58.7	61.1	75.1	179.6	38.0	292.7
1998	9.6	9.9	17.4	30.9	4.3	52.7	61.4	63.3	73.0	186.1	41.4	300.4
1999	8.7	8.9	16.1	31.0	5.7	52.7	60.2	62.0	72.2	194.6	40.2	306.9
2000	6.9	7.1	13.0	24.4	4.7	42.1	59.1	60.9	69.4	197.9	37.1	304.4
2001	7.1	7.3	12.3	24.6	3.7	40.6	60.4	62.0	67.4	201.1	36.7	305.2
2002	7.5	7.8	12.5	25.2	4.1	41.8	62.1	63.6	66.9	201.7	43.3	311.8
2003	7.1	7.3	10.8	23.9	3.3	38.1	62.2	63.8	59.8	208.4	43.4	311.6
2004	5.9	6.1	9.4	22.3	2.3	34.0	56.9	58.4	54.8	217.1	44.5	316.4
2005	5.2	5.4	8.0	20.9	3.0	31.9	57.5	59.0	48.7	224.2	48.9	321.8
2006	4.9	5.1	7.1	20.3	2.4	29.7	58.6	60.0	44.3	228.0	43.2	315.6
2007	4.7	4.8	6.9	20.2	2.4	29.5	56.7	57.7	43.0	227.6	49.2	319.8
2008	4.2	4.3	5.9	17.1	1.9	25.0	53.9	55.1	39.9	220.8	45.7	306.4
2009	4.0	4.1	6.3	19.1	2.1	27.4	48.0	49.8	39.9	226.1	41.4	307.4
2010	3.4	3.5	5.7	20.9	2.1	28.7	43.1	44.7	35.7	232.9	43.5	312.0
2011	2.9	3.0	4.6	20.3	2.0	26.9	37.5	39.0	30.1	233.7	32.5	296.3
2012	2.5	2.6	4.2	21.6	2.6	28.4	28.0	29.7	27.2	239.2	28.4	294.7
2013	2.2	2.3	4.3	22.7	2.6	29.6	23.0	24.7	27.6	238.6	24.8	291.0
2014	1.9	2.0	4.2	24.4	2.3	30.9	19.9	21.6	23.5	244.5	21.2	289.2
2015	2.6	2.6	4.5	27.3	2.0	33.8	25.1	25.5	22.9	254.2	21.6	298.7
2016												
January	2.5	2.6	4.6	26.1	2.1	32.8	24.1	24.4	22.1	243.0	20.2	285.3
February	2.7	2.7	5.0	27.8	2.5	35.3	24.9	25.2	23.3	252.6	19.1	295.0
March	2.7	2.7	4.9	27.7	2.3	35.0	25.0	25.2	23.4	255.0	25.4	303.8
April	2.7	2.8	5.0	28.6	3.0	36.5	25.6	25.9	23.7	259.8	19.0	302.5
May	2.8	2.8	5.0	29.2	2.5	36.8	25.7	26.0	23.7	260.4	21.7	305.8
June	2.8	2.9	5.0	30.1	2.6	37.7	26.4	26.7	23.6	268.3	23.0	314.9
July	2.8	2.9	5.0	32.3	2.7	40.0	26.1	26.3	23.3	267.3	25.3	315.9
August	2.9	2.9	5.2	30.6	1.9	37.6	26.2	26.5	23.9	267.2	23.7	314.8
September	2.9	2.9	5.0	29.1	2.4	36.5	26.2	26.4	23.4	261.5	23.0	307.8
October	2.7	2.7	4.9	28.4	2.2	35.5	25.6	25.9	23.0	260.5	18.4	301.9
November	2.6	2.6	4.9	28.2	1.7	34.8	24.4	24.6	22.5	258.9	18.2	299.6
December	2.5	2.5	4.9	27.5	2.6	35.0	23.8	24.1	22.8	256.9	18.7	298.5
2016	2.7	2.7	5.0	28.8	2.4	36.1	25.3	25.6	23.2	259.3	21.3	303.8
2017												
January	2.3	2.4	4.5	25.3	1.7	31.5	22.7	22.9	21.2	239.6	17.1	277.9
February	2.4	2.4	4.7	26.7	1.3	32.7	23.5	23.8	22.0	250.2	17.5	289.7
March	2.5	2.5	4.9	28.1	1.9	34.9	24.2	24.5	23.0	259.9	14.2	297.2
April	2.5	2.6	4.9	28.5	2.1	35.5	24.1	24.3	22.7	259.7	20.5	302.9
May	2.6	2.7	5.0	30.6	1.6	37.2	24.6	24.9	22.8	266.8	16.4	306.0
June	2.7	2.7	5.0	31.2	1.8	38.0	25.4	25.7	22.8	272.1	14.8	309.7
July	2.7	2.7	5.0	30.9	1.5	37.4	24.6	24.8	22.6	267.9	13.5	304.0
August	2.7	2.7	5.1	31.3	1.8	38.1	24.9	25.2	23.0	274.6	17.3	314.9
September	2.6	2.6	4.8	29.0	1.8	35.6	24.3	24.6	22.3	260.6	19.6	302.5
October	2.6	2.6	4.9	29.2	1.9	36.0	24.6	24.9	22.3	265.3	18.3	305.9
November	2.4	2.4	4.6	28.6	2.5	35.7	24.0	24.3	21.9	262.0	20.9	304.8
December	2.4	2.4	4.8	28.3	2.6	35.6	23.8	24.1	21.9	260.1	20.2	302.2
2017	2.5	2.6	4.9	29.0	1.9	35.7	24.2	24.5	22.4	261.6	17.5	301.5
2018												
January	2.3	2.3	4.5	26.3	2.0	32.8	22.3	22.5	20.7	244.0	18.4	283.1
February	2.3	2.3	4.7	27.3	2.0	34.0	23.1	23.4	21.8	253.4	20.8	296.0
March	2.4	R2.5	4.7	R28.7	1.7	35.2	R23.8	R24.1	22.3	261.9	22.1	306.3
April	2.4	2.4	4.9	28.7	2.2	35.8	23.6	23.9	22.6	261.5	22.8	306.9

NA = Not available.

- = No data reported.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. - Data for the 4th quarter of 1993 were derived from two separate survey systems. The DTW, Rack, and Bulk components were derived from the revised EIA-782 survey system, while the End-Use and Average Resale categories were derived from the predecessor EIA-782 survey system. Therefore, the DTW, Rack, and Bulk components are not consistent with the Average Resale category. Beginning January 1994, all data are from the revised EIA-782 survey system and are consistent. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2017 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 8. U.S. refiner conventional motor gasoline prices by grade and sales type

dollars per gallon excluding taxes

	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
Year month	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.687	0.681	0.636	0.545	0.50	0.558	0.784	0.778	0.694	NA	NA	0.627
1995	0.710	0.704	0.651	0.570	0.525	0.573	0.80	0.794	0.711	0.610	NA	0.637
1996	0.797	0.791	0.743	0.665	0.607	0.664	0.884	0.878	0.801	0.70	NA	0.726
1997	0.781	0.775	0.719	0.649	0.60	0.648	0.874	0.869	0.783	0.685	W	0.708
1998	0.611	0.606	0.551	0.473	0.439	0.473	0.704	0.70	0.613	0.511	W	0.533
1999	0.710	0.706	0.676	0.595	0.520	0.590	0.802	0.799	0.734	0.628	-	0.650
2000	1.045	1.040	0.994	0.913	0.844	0.909	1.136	1.133	1.052	0.945	-	0.964
2001	0.961	0.958	0.914	0.835	0.761	0.830	1.058	1.055	0.984	0.872	-	0.889
2002	0.893	0.891	0.836	0.791	0.723	0.782	0.985	0.981	0.906	0.829	-	0.839
2003	1.081	1.078	1.040	0.952	0.871	0.942	1.173	1.168	1.108	0.994	-	1.006
2004	1.368	1.364	1.325	1.244	1.170	1.234	1.454	1.450	1.391	1.287	-	1.296
2005	1.780	1.776	1.709	1.643	1.555	1.629	1.861	1.857	1.781	1.675	-	1.682
2006	2.062	2.060	2.054	1.925	1.864	1.918	2.166	2.164	2.134	1.972	-	1.980
2007	2.292	2.289	2.242	2.153	2.065	2.138	2.392	2.390	2.298	2.222	-	2.225
2008	2.717	2.714	2.698	2.560	2.513	2.555	2.829	2.829	2.734	2.581	-	2.586
2009	1.825	1.821	1.817	1.735	1.657	1.723	1.936	1.936	1.877	1.751	-	1.755
2010	2.244	2.239	2.244	2.139	2.065	2.128	2.361	2.361	2.336	2.160	-	2.164
2011	2.998	2.989	2.916	2.834	2.751	2.825	3.105	3.104	3.033	2.869	-	2.872
2012	3.076	3.060	2.999	2.867	2.816	2.864	3.202	3.202	3.117	2.886	-	2.890
2013	2.975	2.954	2.797	2.745	2.724	2.745	3.110	3.110	2.947	2.850	-	2.852
2014	2.775	2.753	2.706	2.558	2.502	2.556	2.932	2.931	2.858	2.703	-	2.711
2015	1.833	1.833	1.858	1.625	1.575	1.625	2.033	2.032	2.090	1.794	-	1.809
2016												
January	1.304	1.305	1.296	1.073	W	1.083	1.524	1.524	1.578	1.221	-	1.241
February	1.167	1.167	1.103	0.960	W	0.964	1.377	1.376	1.349	1.098	-	1.112
March	1.413	1.412	1.329	1.248	1.175	1.242	1.602	1.601	1.558	1.408	-	1.416
April	1.577	1.576	1.459	1.383	1.310	1.379	1.782	1.781	1.653	1.548	-	1.554
May	1.749	1.749	1.604	1.543	1.425	1.535	1.951	1.950	1.743	1.707	-	1.709
June	1.855	1.854	1.658	1.562	1.493	1.558	2.043	2.041	1.802	1.735	-	1.738
July	1.648	1.649	1.604	1.408	1.392	1.411	1.891	1.890	1.765	1.589	-	1.599
August	1.636	1.636	1.529	1.455	W	1.449	1.865	1.866	1.681	1.633	-	1.635
September	1.659	1.660	1.620	1.439	W	1.441	1.905	1.905	1.770	1.620	-	1.629
October	1.691	1.692	1.648	1.493	1.456	1.493	1.933	1.933	1.796	1.674	-	1.681
November	1.613	1.613	1.520	1.346	W	1.351	1.865	1.864	1.703	1.513	-	1.524
December	1.740	1.739	1.560	1.532	1.457	1.527	1.953	1.952	1.728	1.680	-	1.683
2016	1.591	1.591	1.497	1.375	1.332	1.374	1.811	1.811	1.681	1.541	-	1.549
2017												
January	1.768	1.768	1.663	1.557	1.575	1.561	2.009	2.008	1.817	1.724	-	1.730
February	1.700	1.701	1.679	1.540	1.546	1.544	1.956	1.956	1.866	1.709	-	1.719
March	1.739	1.740	1.766	1.542	W	1.546	1.994	1.992	1.961	1.715	-	1.730
April	1.858	1.858	1.831	1.635	1.594	1.636	2.099	2.094	2.003	1.811	-	1.822
May	1.803	1.803	1.781	1.563	W	1.566	2.057	2.056	1.977	1.751	-	1.764
June	1.746	1.746	1.704	1.475	W	1.480	2.005	2.004	1.906	1.662	-	1.676
July	1.721	1.721	1.709	1.532	1.488	1.534	1.967	1.967	1.877	1.714	-	1.723
August	1.807	1.806	1.803	1.632	W	1.632	2.056	2.055	1.954	1.817	-	1.825
September	2.013	2.011	1.923	1.750	W	1.748	2.279	2.273	2.048	1.948	-	1.954
October	1.905	1.904	1.792	1.661	W	1.663	2.171	2.168	1.978	1.838	-	1.847
November	1.985	1.984	1.899	1.737	W	1.741	2.235	2.231	2.058	1.902	-	1.912
December	1.900	1.899	1.815	1.651	1.700	1.658	2.158	2.155	2.006	1.812	-	1.825
2017	1.829	1.829	1.780	1.607	1.602	1.610	2.082	2.080	1.954	1.781	-	1.791
2018												
January	1.965	1.963	1.888	1.776	1.783	1.779	2.203	2.201	2.087	1.945	-	1.954
February	1.949	1.948	1.934	1.732	1.827	1.744	2.218	2.216	2.151	1.912	-	1.928
March	1.974	1.973	2.051	1.791	1.776	1.795	2.235	2.233	2.253	1.972	-	1.990
April	2.148	2.148	2.232	1.956	1.915	1.957	2.411	2.408	2.436	2.147	-	2.165

See footnotes at end of table.

Table 8. U.S. refiner conventional motor gasoline prices by grade and sales type (cont.)

dollars per gallon excluding taxes

	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
Year month	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.863	0.855	0.778	0.638	0.555	0.682	0.736	0.729	0.683	0.565	0.507	0.589
1995	0.877	0.868	0.790	0.665	0.568	0.684	0.753	0.746	0.693	0.590	0.530	0.598
1996	0.960	0.951	0.869	0.755	0.645	0.767	0.834	0.827	0.778	0.682	0.610	0.685
1997	0.954	0.946	0.856	0.742	0.641	0.753	0.819	0.813	0.756	0.666	0.604	0.668
1998	0.783	0.776	0.684	W	0.474	0.576	0.652	0.647	0.589	0.491	0.442	0.494
1999	0.872	0.865	0.801	0.679	0.558	0.681	0.748	0.743	0.711	0.611	0.525	0.609
2000	1.211	1.201	1.120	1.002	0.897	1.005	1.076	1.071	1.023	0.926	0.849	0.925
2001	1.129	1.123	1.042	0.922	0.806	0.923	0.992	0.989	0.943	0.848	0.765	0.845
2002	1.064	1.058	0.978	0.889	0.788	0.886	0.924	0.921	0.867	0.806	0.729	0.798
2003	1.253	1.245	1.178	1.051	0.925	1.050	1.109	1.105	1.067	0.965	0.874	0.957
2004	1.544	1.534	1.466	1.347	1.248	1.348	1.391	1.387	1.348	1.257	1.174	1.247
2005	1.966	1.954	1.857	1.747	1.652	1.746	1.801	1.797	1.732	1.654	1.560	1.641
2006	2.274	2.265	2.215	2.070	1.981	2.071	2.084	2.082	2.077	1.940	1.869	1.933
2007	2.502	2.494	2.415	2.328	2.181	2.317	2.313	2.309	2.267	2.172	2.070	2.156
2008	2.928	2.921	2.851	2.726	2.650	2.726	2.736	2.733	2.716	2.573	2.518	2.568
2009	2.062	2.054	2.014	1.927	1.802	1.918	1.845	1.841	1.843	1.750	1.664	1.738
2010	2.489	2.478	2.443	2.329	2.172	2.318	2.264	2.259	2.270	2.155	2.069	2.143
2011	3.230	3.219	3.105	3.035	2.864	3.018	3.016	3.008	2.939	2.851	2.758	2.841
2012	3.316	3.299	3.194	3.116	3.094	3.116	3.098	3.083	3.024	2.887	2.843	2.886
2013	3.231	3.213	3.011	3.059	3.004	3.049	2.997	2.977	2.825	2.775	2.755	2.774
2014	3.063	3.043	2.901	2.885	2.794	2.875	2.800	2.778	2.736	2.589	2.535	2.587
2015	2.216	2.210	2.085	2.016	1.812	1.999	1.869	1.869	1.899	1.663	1.599	1.663
2016												
January	1.737	1.733	W	1.441	1.272	1.428	1.345	1.346	1.337	1.109	1.137	1.117
February	1.593	1.590	W	1.315	1.132	1.297	1.209	1.209	1.143	0.995	0.991	0.998
March	1.812	1.808	1.548	1.612	1.381	1.586	1.451	1.450	1.369	1.283	1.194	1.276
April	1.995	1.992	1.674	1.763	1.489	1.726	1.617	1.617	1.498	1.421	1.339	1.416
May	2.174	2.170	1.809	1.935	1.630	1.898	1.791	1.790	1.641	1.583	1.451	1.573
June	2.275	2.270	1.862	1.955	1.723	1.926	1.895	1.894	1.696	1.602	1.522	1.597
July	2.122	2.119	1.812	1.787	1.549	1.764	1.696	1.697	1.643	1.451	1.410	1.452
August	2.103	2.099	W	1.837	1.559	1.812	1.682	1.682	1.566	1.495	1.393	1.487
September	2.142	2.137	W	1.846	1.566	1.817	1.707	1.708	1.658	1.480	1.440	1.480
October	2.182	2.178	1.860	1.901	1.642	1.874	1.738	1.738	1.685	1.533	1.479	1.533
November	2.112	2.108	W	1.733	1.500	1.715	1.660	1.660	1.557	1.384	1.382	1.388
December	2.209	2.204	1.774	1.875	1.587	1.838	1.782	1.781	1.599	1.564	1.476	1.558
2016	2.042	2.037	1.709	1.758	1.510	1.731	1.635	1.634	1.536	1.414	1.353	1.411
2017												
January	2.265	2.258	1.866	1.908	1.736	1.893	1.813	1.812	1.700	1.590	1.589	1.593
February	2.216	2.210	1.911	1.899	1.732	1.890	1.747	1.748	1.721	1.574	1.560	1.577
March	2.250	2.247	W	1.916	1.716	1.903	1.786	1.787	1.808	1.578	1.562	1.583
April	2.356	2.352	2.059	2.005	1.777	1.988	1.904	1.904	1.872	1.672	1.611	1.671
May	2.311	2.306	W	1.950	1.731	1.938	1.851	1.851	1.823	1.604	1.552	1.605
June	2.263	2.257	W	1.851	1.695	1.843	1.795	1.795	1.745	1.515	1.503	1.520
July	2.227	2.220	1.931	1.902	1.703	1.893	1.770	1.769	1.751	1.572	1.510	1.573
August	2.310	2.302	W	2.014	1.800	2.000	1.855	1.854	1.845	1.672	1.605	1.671
September	2.523	2.514	W	2.137	2.017	2.128	2.061	2.059	1.960	1.789	1.713	1.786
October	2.421	2.412	W	2.027	1.842	2.013	1.953	1.951	1.832	1.697	1.664	1.698
November	2.497	2.489	W	2.083	1.880	2.063	2.031	2.029	1.939	1.770	1.764	1.773
December	2.426	2.417	2.039	1.987	1.804	1.971	1.947	1.946	1.857	1.684	1.712	1.690
2017	2.338	2.331	2.002	1.973	1.792	1.961	1.876	1.876	1.821	1.643	1.622	1.646
2018												
January	2.479	2.468	2.118	2.121	1.956	2.106	2.010	2.009	1.931	1.809	1.801	1.811
February	2.493	2.482	2.176	2.086	1.943	2.078	1.997	1.996	1.980	1.766	1.838	1.777
March	2.510	2.502	2.298	2.154	1.954	2.146	2.022	2.021	2.097	1.827	1.789	1.829
April	2.683	2.676	2.484	2.337	2.141	2.325	2.197	2.196	2.278	1.993	1.936	1.994

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey sytem. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent. Sales to end users - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2017 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 9. U.S. refiner conventional motor gasoline volumes by grade and sales type

million gallons per day

	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
Year month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	29.7	31.2	36.1	113.5	22.8	172.4	7.6	7.8	10.1	14.6	0.1	24.8
1995	24.0	25.3	19.4	105.1	26.0	150.5	6.0	6.3	5.1	13.6	0.1	18.7
1996	24.1	25.4	17.8	108.5	27.1	153.4	5.7	5.9	4.4	12.9	NA	17.3
1997	25.0	26.4	16.4	110.9	26.4	153.7	5.7	5.9	3.9	12.7	W	16.6
1998	25.4	26.6	13.7	112.0	28.8	154.5	6.0	6.1	3.4	12.5	W	15.8
1999	25.0	26.0	13.4	117.4	24.9	155.8	5.9	6.0	3.1	12.2	-	15.3
2000	26.0	27.1	12.8	125.7	23.9	162.4	4.9	5.0	2.3	10.8	-	13.1
2001	26.6	27.4	12.0	128.5	24.0	164.5	4.6	4.7	1.9	10.2	-	12.0
2002	27.2	28.0	11.3	127.9	31.0	170.2	4.7	4.8	1.6	10.4	-	11.9
2003	27.5	28.3	10.3	131.1	32.4	173.8	4.3	4.4	1.2	10.0	-	11.2
2004	26.5	27.3	9.7	136.7	36.1	182.5	3.5	3.6	0.9	9.8	-	10.8
2005	27.4	28.3	9.0	140.1	36.4	185.5	3.1	3.2	0.7	10.8	-	11.5
2006	28.9	29.8	7.3	143.7	37.4	188.4	2.9	2.9	0.5	9.3	-	9.7
2007	29.6	30.2	7.4	150.3	43.0	200.7	2.6	2.6	0.5	10.3	-	10.8
2008	28.9	29.8	7.1	144.5	39.5	191.1	2.1	2.2	0.4	9.9	-	10.3
2009	26.5	27.8	6.6	147.0	35.9	189.5	1.9	1.9	0.3	9.1	-	9.4
2010	24.9	26.2	5.9	147.6	37.1	190.7	1.7	1.7	0.2	8.7	-	8.9
2011	21.3	22.4	5.4	147.3	26.3	179.0	1.3	1.3	0.1	7.4	-	7.5
2012	14.4	15.7	5.0	149.0	21.7	175.8	0.9	0.9	0.1	7.2	-	7.4
2013	11.6	13.0	6.2	149.9	18.8	174.9	0.7	0.7	0.1	5.7	-	5.8
2014	11.1	12.5	4.3	154.9	16.8	176.0	0.6	0.6	0.1	2.1	-	2.3
2015	14.0	14.3	3.9	160.7	16.8	181.4	0.8	0.8	0.1	1.9	-	2.0
2016												
January	13.5	13.8	W	153.0	W	172.2	0.8	0.8	0.1	1.7	-	1.8
February	14.0	14.2	W	158.9	W	176.8	0.8	0.9	0.1	1.7	-	1.8
March	14.0	14.2	4.1	161.9	20.0	186.0	0.9	0.9	0.1	1.7	-	1.8
April	14.4	14.6	4.2	164.0	13.5	181.7	0.9	0.9	0.1	1.7	-	1.8
May	14.4	14.6	4.2	163.6	15.4	183.3	0.9	0.9	0.1	1.8	-	1.9
June	14.7	14.9	4.2	168.5	16.4	189.1	0.9	0.9	0.1	1.9	-	2.0
July	14.6	14.8	4.2	167.0	18.9	190.2	0.9	0.9	0.1	1.9	-	2.0
August	14.7	14.9	W	167.8	W	191.0	0.9	0.9	0.1	1.8	-	1.9
September	14.5	14.8	W	164.5	W	186.1	0.9	0.9	0.1	1.7	-	1.8
October	14.4	14.6	4.0	164.4	13.5	181.9	0.9	0.9	0.1	1.7	-	1.8
November	13.4	13.6	W	163.9	W	181.0	0.8	0.8	0.1	1.6	-	1.7
December	12.9	13.1	3.9	162.6	13.6	180.1	0.8	0.8	0.1	1.5	-	1.6
2016	14.1	14.3	4.1	163.4	15.8	183.3	0.9	0.9	0.1	1.7	-	1.8
2017												
January	12.3	12.5	3.7	151.5	13.0	168.2	0.7	0.7	0.1	1.4	-	1.5
February	12.9	13.1	3.8	158.6	13.4	175.9	0.7	0.8	0.1	1.4	-	1.5
March	13.3	13.5	W	164.4	W	178.2	0.8	0.8	0.1	1.5	-	1.6
April	13.2	13.4	4.0	163.9	15.6	183.5	0.8	0.8	0.1	1.5	-	1.6
May	13.4	13.6	W	168.2	W	184.8	0.8	0.8	0.1	1.6	-	1.7
June	13.8	14.1	W	171.5	W	186.0	0.8	0.8	0.1	1.7	-	1.8
July	13.3	13.5	4.0	169.6	9.6	183.1	0.8	0.8	0.1	1.6	-	1.7
August	13.6	13.9	W	174.5	W	191.7	0.8	0.8	0.1	1.6	-	1.7
September	13.2	13.4	W	165.1	W	184.5	0.8	0.8	0.1	1.5	-	1.5
October	13.5	13.7	W	167.7	W	184.8	0.8	0.8	0.1	1.4	-	1.5
November	13.2	13.5	W	166.0	W	184.7	0.8	0.8	0.1	1.4	-	1.5
December	13.2	13.4	3.6	164.5	14.7	182.7	0.8	0.8	0.1	1.3	-	1.4
2017	13.3	13.5	3.9	165.5	13.0	182.4	0.8	0.8	0.1	1.5	-	1.6
2018												
January	12.2	12.4	3.5	153.8	13.7	171.0	0.7	0.7	0.1	1.2	-	1.3
February	12.8	13.0	3.6	159.4	15.6	178.6	0.7	0.7	0.1	1.2	-	1.3
March	13.0	13.2	3.7	165.6	17.0	186.2	0.8	0.8	0.1	1.3	-	1.4
April	12.8	13.0	3.6	165.1	17.8	186.4	0.7	0.8	0.1	1.3	-	1.4

See footnotes at end of table.

Table 9. U.S. refiner conventional motor gasoline volumes by grade and sales type (cont.)

million gallons per day

	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
Year month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	8.5	8.9	16.5	28.0	2.8	47.2	45.8	47.9	62.7	156.0	25.8	244.5
1995	6.2	6.4	7.7	25.1	2.9	35.6	36.2	38.0	32.1	143.8	28.9	204.8
1996	4.9	5.1	5.8	22.5	2.5	30.8	34.7	36.5	28.1	143.8	29.6	201.5
1997	4.8	5.0	5.1	21.9	2.5	29.5	35.4	37.2	25.4	145.6	28.9	199.8
1998	5.5	5.7	4.7	W	2.7	31.9	36.9	38.5	21.8	148.9	31.5	202.2
1999	5.0	5.2	4.3	24.1	3.8	32.2	35.9	37.2	20.8	153.7	28.7	203.3
2000	3.7	3.9	3.1	18.6	2.8	24.5	34.7	35.9	18.2	155.1	26.7	200.0
2001	3.7	3.8	2.8	18.7	2.7	24.1	35.0	36.0	16.7	157.4	26.7	200.7
2002	3.8	4.0	2.6	19.1	3.0	24.7	35.8	36.8	15.5	157.4	34.0	206.9
2003	3.4	3.5	2.1	17.5	2.4	21.9	35.1	36.3	13.6	158.6	34.8	207.0
2004	2.6	2.8	1.6	15.8	1.7	19.2	32.6	33.7	12.3	162.3	37.8	212.4
2005	2.3	2.4	1.4	14.4	1.9	17.7	32.8	33.8	11.0	165.4	38.2	214.6
2006	2.1	2.2	1.1	13.9	1.7	16.6	33.9	35.0	8.8	166.8	39.1	214.7
2007	2.1	2.2	1.1	14.4	2.0	17.4	34.3	35.0	9.0	175.0	44.9	228.9
2008	1.8	1.9	0.9	11.7	1.5	14.2	32.9	33.9	8.4	166.2	41.0	215.6
2009	1.7	1.8	0.9	12.9	1.8	15.6	30.0	31.5	7.8	169.0	37.7	214.5
2010	1.5	1.6	0.8	13.5	1.7	15.9	28.2	29.5	6.9	169.8	38.8	215.5
2011	1.2	1.3	0.7	12.6	1.8	15.1	23.8	25.1	6.2	167.3	28.1	201.6
2012	1.0	1.1	0.7	13.2	2.4	16.2	16.3	17.7	5.8	169.5	24.1	199.4
2013	0.8	0.9	0.8	14.0	2.4	17.2	13.1	14.5	7.1	169.6	21.2	197.9
2014	0.7	0.8	0.7	15.1	2.1	17.9	12.5	14.0	5.1	172.1	18.9	196.2
2015	1.1	1.1	0.7	16.8	1.8	19.4	15.9	16.2	4.8	179.4	18.6	202.8
2016												
January	1.1	1.1	W	16.0	W	18.6	15.4	15.7	4.8	170.7	17.0	192.5
February	1.1	1.1	W	16.9	W	19.6	15.9	16.2	4.9	177.4	15.8	198.2
March	1.1	1.2	0.8	17.0	2.0	19.9	16.0	16.2	5.0	180.6	22.0	207.7
April	1.2	1.2	0.8	17.6	2.6	21.0	16.4	16.7	5.1	183.3	16.1	204.5
May	1.2	1.2	0.9	18.0	2.2	21.1	16.4	16.7	5.2	183.5	17.7	206.3
June	1.2	1.2	0.9	18.6	2.3	21.8	16.8	17.0	5.2	189.0	18.7	212.9
July	1.2	1.3	0.9	20.9	2.4	24.2	16.8	17.0	5.1	189.8	21.4	216.3
August	1.2	1.2	W	18.9	W	21.4	16.8	17.1	5.2	188.5	20.6	214.4
September	1.2	1.2	W	17.8	W	20.8	16.7	16.9	5.1	184.0	19.6	208.6
October	1.1	1.1	0.8	17.3	2.0	20.0	16.3	16.6	4.9	183.4	15.4	203.8
November	1.0	1.1	W	17.1	W	19.3	15.3	15.5	4.8	182.7	14.6	202.1
December	1.0	1.0	0.8	16.5	2.2	19.5	14.7	14.9	4.8	180.7	15.8	201.3
2016	1.1	1.2	0.8	17.7	2.1	20.6	16.1	16.4	5.0	182.8	17.9	205.7
2017												
January	0.9	0.9	0.7	15.1	1.3	17.1	13.9	14.1	4.5	168.1	14.3	186.8
February	1.0	1.0	0.8	16.0	1.0	17.8	14.6	14.8	4.7	176.1	14.4	195.2
March	1.0	1.0	W	16.9	W	19.4	15.1	15.3	5.0	182.8	11.4	199.2
April	1.0	1.0	0.8	17.3	1.6	19.8	15.0	15.3	4.8	182.7	17.3	204.9
May	1.1	1.1	W	19.0	W	21.1	15.3	15.5	4.9	188.8	14.0	207.7
June	1.1	1.1	W	19.5	W	21.8	15.8	16.0	4.9	192.6	12.1	209.7
July	1.1	1.1	0.9	19.5	1.1	21.4	15.2	15.5	4.9	190.7	10.7	206.3
August	1.1	1.1	W	19.6	W	21.9	15.5	15.8	5.0	195.8	14.6	215.3
September	1.0	1.1	W	17.8	W	20.1	15.0	15.2	4.7	184.4	17.0	206.1
October	1.0	1.0	W	17.8	W	19.9	15.3	15.5	4.7	186.8	14.7	206.2
November	1.0	1.0	W	17.3	W	20.2	15.0	15.2	4.4	184.7	17.3	206.4
December	1.0	1.0	0.8	17.0	2.0	19.8	14.9	15.1	4.4	182.8	16.6	203.9
2017	1.0	1.0	0.8	17.8	1.5	20.0	15.1	15.3	4.8	184.7	14.5	204.0
2018												
January	0.9	0.9	0.7	15.9	1.7	18.3	13.8	14.1	4.3	170.9	15.4	190.6
February	0.9	0.9	0.7	16.5	1.6	18.8	14.4	14.7	4.4	177.1	17.2	198.8
March	1.0	1.0	0.8	17.6	1.3	19.7	14.7	15.0	4.5	184.4	R18.3	207.3
April	0.9	1.0	0.7	17.5	1.8	20.1	14.5	14.7	4.4	184.0	19.6	208.0

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. Sales to end users Year month Sales for resale - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2017 are final. Totals may not equal the sum of the components due to rounding. - The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

Sources: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 10. U.S. refiner reformulated motor gasoline prices by grade and sales type

dollars per gallon excluding taxes

	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
Year month	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.764	0.758	0.720	0.569	0.543	0.638	0.879	0.873	0.770	0.628	W	0.728
1995	0.749	0.744	0.707	0.605	0.573	0.650	0.836	0.833	0.753	0.651	-	0.723
1996	0.834	0.830	0.788	0.698	0.677	0.738	0.924	0.921	0.837	0.741	W	0.809
1997	0.830	0.828	0.787	0.682	0.668	0.731	0.928	0.925	0.840	0.725	W	0.807
1998	0.668	0.665	0.616	0.509	0.484	0.557	0.769	0.767	0.673	0.553	W	0.638
1999	0.804	0.80	0.752	0.642	0.601	0.686	0.895	0.892	0.807	0.676	NA	0.767
2000	1.126	1.123	1.058	0.978	0.953	1.012	1.219	1.217	1.114	1.014	-	1.085
2001	1.059	1.056	1.001	0.893	0.856	0.938	1.166	1.163	1.061	0.942	-	1.027
2002	0.946	0.944	0.906	0.834	0.779	0.861	1.052	1.050	0.988	0.875	-	0.958
2003	1.196	1.192	1.168	1.006	0.962	1.069	1.293	1.290	1.224	1.047	-	1.165
2004	1.472	1.470	1.447	1.299	1.248	1.353	1.572	1.570	1.494	1.340	-	1.436
2005	1.850	1.848	1.787	1.682	1.619	1.711	1.945	1.944	1.834	1.726	-	1.789
2006	2.166	2.164	2.097	2.002	1.885	2.030	2.275	2.274	2.170	2.078	-	2.129
2007	2.362	2.360	2.288	2.186	2.175	2.221	2.490	2.489	2.368	2.256	-	2.316
2008	2.812	2.810	2.703	2.553	2.642	2.607	2.934	2.934	2.788	2.652	-	2.721
2009	1.927	1.925	1.878	1.770	1.782	1.806	2.066	2.066	1.981	1.855	-	1.914
2010	2.342	2.339	2.265	2.159	2.141	2.188	2.485	2.485	2.362	2.229	-	2.280
2011	3.089	3.085	2.973	2.874	2.831	2.895	3.233	3.233	3.062	2.954	-	2.990
2012	3.219	3.212	3.111	2.956	2.947	2.988	3.372	3.372	3.213	3.047	-	3.098
2013	3.110	3.101	2.948	2.830	2.869	2.856	3.268	3.268	3.066	2.939	-	2.979
2014	2.946	2.938	2.784	2.614	2.663	2.647	3.111	3.111	2.920	2.746	-	2.788
2015	2.159	2.158	2.174	1.728	1.775	1.807	2.404	2.404	2.321	1.892	-	1.989
2016												
January	1.688	1.687	1.752	1.170	W	1.274	1.981	1.981	1.893	1.341	-	1.468
February	1.450	1.449	1.422	1.019	W	1.090	1.721	1.721	1.564	1.164	-	1.260
March	1.646	1.644	1.728	1.339	1.347	1.407	1.881	1.881	1.918	1.519	-	1.615
April	1.832	1.831	1.845	1.485	1.475	1.548	2.064	2.064	1.985	1.635	-	1.719
May	1.928	1.927	1.864	1.598	1.581	1.642	2.135	2.135	2.011	1.736	-	1.799
June	1.998	1.997	1.929	1.643	1.591	1.688	2.195	2.195	2.090	1.781	-	1.848
July	1.905	1.904	1.834	1.453	1.503	1.519	2.152	2.152	1.955	1.600	-	1.678
August	1.797	1.796	1.677	1.466	W	1.502	2.018	2.018	1.830	1.590	-	1.641
September	1.839	1.838	1.800	1.475	W	1.531	2.076	2.076	1.957	1.611	-	1.687
October	1.869	1.868	1.834	1.536	1.587	1.588	2.112	2.112	2.002	1.682	-	1.754
November	1.830	1.829	1.718	1.400	W	1.456	2.093	2.093	1.842	1.539	-	1.606
December	1.869	1.869	1.723	1.565	1.553	1.592	2.098	2.098	1.885	1.694	-	1.737
2016	1.808	1.807	1.762	1.433	1.462	1.490	2.047	2.047	1.913	1.579	-	1.655
2017												
January	1.952	1.951	1.868	1.604	1.625	1.649	2.195	2.194	2.020	1.744	-	1.807
February	1.954	1.953	1.960	1.609	1.665	1.670	2.225	2.225	2.151	1.774	-	1.861
March	2.000	1.999	2.023	1.615	W	1.685	2.275	2.274	2.180	1.782	-	1.873
April	2.060	2.059	2.052	1.724	1.740	1.779	2.303	2.303	2.217	1.876	-	1.952
May	2.050	2.050	2.071	1.679	W	1.745	2.309	2.309	2.231	1.828	-	1.914
June	1.992	1.991	1.984	1.563	W	1.634	2.260	2.260	2.101	1.711	-	1.793
July	1.942	1.941	1.917	1.620	1.637	1.670	2.194	2.193	2.082	1.759	-	1.825
August	2.021	2.021	2.009	1.691	W	1.745	2.276	2.276	2.189	1.833	-	1.905
September	2.215	2.213	2.143	1.798	W	1.857	2.473	2.473	2.286	1.949	-	2.021
October	2.096	2.095	2.032	1.690	W	1.747	2.352	2.352	2.186	1.829	-	1.907
November	2.190	2.188	2.073	1.778	W	1.828	2.438	2.438	2.235	1.910	-	1.980
December	2.092	2.091	1.962	1.691	1.763	1.737	2.345	2.345	2.101	1.815	-	1.879
2017	2.048	2.047	2.009	1.672	1.717	1.729	2.303	2.303	2.164	1.815	-	1.891
2018												
January	2.183	2.182	2.116	1.829	1.907	1.878	2.437	2.437	2.305	1.973	-	2.049
February	2.247	2.246	2.211	1.795	1.888	1.866	2.534	2.534	2.389	1.954	-	2.053
March	R2.284	R2.282	2.300	1.892	1.948	1.961	R2.572	R2.572	2.505	2.059	-	2.160
April	2.416	2.415	2.458	2.060	2.132	2.129	2.724	2.724	2.626	2.217	-	2.313

See footnotes at end of table.

Table 10. U.S. refiner reformulated motor gasoline prices by grade and sales type (cont.)

dollars per gallon excluding taxes

	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
Year month	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.966	0.958	0.861	0.677	0.558	0.777	0.831	0.824	0.771	0.599	0.547	0.687
1995	0.929	0.924	0.841	0.704	0.616	0.785	0.808	0.803	0.756	0.632	0.582	0.696
1996	1.002	0.998	0.910	0.791	0.709	0.859	0.882	0.878	0.828	0.720	0.682	0.774
1997	1.005	1.003	0.910	0.775	0.686	0.853	0.876	0.874	0.825	0.703	0.671	0.767
1998	0.847	0.845	0.741	W	0.516	0.680	0.717	0.714	0.657	0.529	0.489	0.593
1999	0.966	0.963	0.870	0.717	0.639	0.798	0.845	0.841	0.788	0.658	0.608	0.718
2000	1.297	1.291	1.189	1.064	0.972	1.125	1.164	1.160	1.092	0.993	0.957	1.039
2001	1.239	1.234	1.133	0.983	0.890	1.065	1.10	1.096	1.034	0.909	0.859	0.966
2002	1.124	1.119	1.046	0.930	0.832	0.991	0.987	0.985	0.944	0.851	0.785	0.891
2003	1.366	1.362	1.292	1.099	1.028	1.201	1.233	1.229	1.197	1.021	0.969	1.097
2004	1.655	1.652	1.574	1.399	1.348	1.489	1.510	1.507	1.474	1.313	1.257	1.378
2005	2.031	2.029	1.912	1.791	1.766	1.847	1.883	1.881	1.812	1.697	1.635	1.733
2006	2.369	2.367	2.239	2.149	2.004	2.183	2.202	2.20	2.125	2.020	1.906	2.055
2007	2.601	2.599	2.468	2.367	2.346	2.415	2.404	2.402	2.322	2.208	2.192	2.250
2008	3.003	3.001	2.845	2.70	2.826	2.772	2.845	2.843	2.728	2.569	2.659	2.629
2009	2.177	2.174	2.067	1.968	1.899	2.011	1.971	1.969	1.913	1.793	1.791	1.834
2010	2.587	2.584	2.446	2.343	2.247	2.380	2.386	2.383	2.299	2.182	2.150	2.215
2011	3.334	3.331	3.145	3.067	2.940	3.090	3.132	3.128	3.003	2.898	2.837	2.921
2012	3.478	3.473	3.288	3.201	3.175	3.225	3.265	3.259	3.143	2.986	2.961	3.020
2013	3.371	3.365	3.132	3.103	3.071	3.110	3.160	3.152	2.982	2.866	2.882	2.892
2014	3.206	3.202	2.949	2.867	2.642	2.886	3.005	2.996	2.818	2.648	2.661	2.682
2015	2.516	2.516	2.357	2.066	2.145	2.144	2.242	2.240	2.214	1.777	1.799	1.860
2016												
January	2.126	2.125	W	1.524	W	1.638	1.792	1.790	1.796	1.221	1.307	1.331
February	1.878	1.878	W	1.333	W	1.408	1.554	1.553	1.471	1.066	1.074	1.143
March	2.029	2.028	1.960	1.668	1.712	1.749	1.737	1.736	1.783	1.388	1.377	1.463
April	2.215	2.215	2.064	1.804	1.779	1.873	1.921	1.921	1.895	1.533	1.514	1.601
May	2.293	2.293	2.091	1.915	1.855	1.960	2.012	2.011	1.917	1.645	1.602	1.694
June	2.351	2.351	2.160	1.957	1.992	2.011	2.079	2.078	1.983	1.690	1.619	1.740
July	2.304	2.304	2.045	1.788	1.824	1.856	1.999	1.998	1.884	1.504	1.524	1.574
August	2.172	2.172	W	1.772	W	1.807	1.885	1.885	1.732	1.513	1.479	1.553
September	2.228	2.228	W	1.797	W	1.860	1.931	1.931	1.855	1.523	1.537	1.585
October	2.275	2.275	2.070	1.857	1.892	1.914	1.963	1.962	1.890	1.584	1.612	1.641
November	2.257	2.257	W	1.723	W	1.780	1.929	1.928	1.770	1.448	1.505	1.509
December	2.263	2.263	1.968	1.864	1.796	1.890	1.959	1.958	1.781	1.609	1.581	1.640
2016	2.201	2.201	1.986	1.755	1.710	1.816	1.900	1.899	1.814	1.481	1.484	1.543
2017												
January	2.359	2.359	2.104	1.908	1.833	1.957	2.044	2.043	1.924	1.648	1.658	1.699
February	2.391	2.390	2.210	1.922	NA	2.000	2.054	2.053	2.019	1.655	1.697	1.723
March	2.439	2.439	W	1.928	W	2.016	2.101	2.100	2.077	1.661	1.698	1.739
April	2.468	2.468	2.286	2.031	1.992	2.097	2.154	2.153	2.108	1.769	1.772	1.831
May	2.478	2.478	W	1.985	W	2.068	2.149	2.148	2.127	1.726	1.728	1.799
June	2.428	2.427	W	1.876	W	1.959	2.092	2.091	2.034	1.611	1.668	1.688
July	2.357	2.356	2.155	1.930	1.933	1.988	2.038	2.037	1.974	1.668	1.674	1.723
August	2.440	2.440	W	1.998	W	2.065	2.117	2.117	2.068	1.737	1.779	1.798
September	2.640	2.640	W	2.116	W	2.184	2.310	2.309	2.198	1.846	1.895	1.911
October	2.517	2.517	W	1.980	W	2.052	2.191	2.191	2.089	1.734	1.750	1.797
November	2.598	2.598	W	2.048	W	2.115	2.280	2.279	2.129	1.818	1.842	1.874
December	2.505	2.505	2.191	1.958	1.866	2.013	2.184	2.183	2.016	1.730	1.782	1.783
2017	2.468	2.468	2.243	1.974	1.960	2.043	2.143	2.142	2.064	1.717	1.747	1.781
2018												
January	2.602	2.602	2.368	2.106	2.170	2.175	2.275	2.274	2.175	1.869	1.936	1.926
February	2.703	2.703	2.458	2.088	2.146	2.185	2.348	2.347	2.269	1.838	1.915	1.917
March	R2.738	R2.738	2.566	2.185	R2.224	2.283	R2.386	R2.385	2.361	1.935	1.975	2.013
April	2.855	2.855	2.695	2.350	2.393	2.442	2.516	2.515	2.513	2.102	2.167	2.180

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2017 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 11. U.S. refiner reformulated motor gasoline volumes by grade and sales type

million gallons per day

	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
Year month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	0.6	0.6	2.1	1.6	0.6	4.3	0.2	0.2	0.7	0.3	W	1.0
1995	7.8	8.1	20.7	W	W	43.3	3.0	3.1	7.4	3.1	-	10.5
1996	10.7	11.1	26.1	20.5	8.0	54.6	3.3	3.4	7.9	3.3	W	11.3
1997	13.4	13.8	28.0	21.7	7.6	57.3	3.6	3.7	7.9	3.1	W	11.0
1998	14.3	14.5	28.6	23.0	8.3	59.9	3.7	3.8	7.4	3.1	W	10.5
1999	14.5	14.8	29.8	26.1	9.6	65.5	3.6	3.7	7.0	3.1	NA	10.2
2000	15.5	15.9	32.1	29.1	8.5	69.6	3.3	3.4	6.2	2.6	-	8.8
2001	16.3	16.7	32.7	30.0	9.0	71.7	3.3	3.3	5.7	2.2	-	7.9
2002	16.9	17.2	33.1	30.4	8.2	71.7	3.3	3.3	5.6	2.1	-	7.6
2003	17.7	18.0	30.9	35.1	7.6	73.6	3.1	3.1	4.1	2.0	-	6.1
2004	16.2	16.5	29.5	39.7	6.1	75.3	2.6	2.6	3.3	2.0	-	5.2
2005	17.1	17.4	27.5	43.5	9.5	80.4	2.6	2.6	2.5	1.8	-	4.2
2006	17.7	18.0	26.8	45.7	3.4	75.9	2.5	2.5	1.9	1.5	-	3.4
2007	17.4	17.6	26.7	45.4	3.8	75.9	2.4	2.4	1.6	1.3	-	2.9
2008	16.6	16.9	25.4	48.1	4.2	77.7	2.0	2.0	1.1	1.1	-	2.2
2009	14.0	14.3	25.8	49.8	3.4	79.0	1.7	1.7	1.0	1.1	-	2.1
2010	11.7	11.9	23.1	54.5	4.2	81.9	1.3	1.3	0.7	1.2	-	1.9
2011	10.8	11.1	19.5	57.6	4.2	81.3	1.2	1.2	0.5	1.1	-	1.6
2012	9.2	9.5	17.4	60.3	4.0	81.7	1.0	1.0	0.5	1.0	-	1.5
2013	7.6	7.9	16.5	59.3	3.5	79.3	0.9	0.9	0.4	1.0	-	1.4
2014	5.5	5.7	14.6	62.0	2.1	78.8	0.7	0.7	0.3	0.9	-	1.2
2015	6.8	6.8	14.1	63.5	2.8	80.3	0.9	0.9	0.2	0.8	-	1.1
2016												
January	6.4	6.4	W	61.4	W	77.6	0.9	0.9	0.2	0.7	-	1.0
February	6.5	6.5	W	63.5	W	80.2	0.9	0.9	0.2	0.7	-	1.0
March	6.5	6.5	14.0	62.9	3.1	80.1	0.9	0.9	0.2	0.7	-	1.0
April	6.7	6.7	14.2	64.7	2.5	81.4	0.9	0.9	0.2	0.8	-	1.0
May	6.7	6.8	14.1	64.9	3.7	82.7	1.0	1.0	0.2	0.8	-	1.0
June	7.0	7.0	14.0	67.0	4.0	85.0	1.0	1.0	0.2	0.8	-	1.1
July	6.8	6.8	13.8	65.2	3.7	82.8	1.0	1.0	0.2	0.8	-	1.1
August	6.8	6.8	W	66.1	W	83.2	1.0	1.0	0.2	0.8	-	1.1
September	6.9	6.9	W	65.4	W	82.5	1.0	1.0	0.2	0.8	-	1.0
October	6.8	6.8	13.7	65.2	2.7	81.7	1.0	1.0	0.2	0.7	-	0.9
November	6.6	6.6	W	64.4	W	81.2	0.9	0.9	0.2	0.7	-	0.9
December	6.7	6.7	13.7	64.6	2.6	80.8	0.9	0.9	0.2	0.7	-	0.9
2016	6.7	6.7	13.9	64.6	3.1	81.6	0.9	0.9	0.2	0.8	-	1.0
2017												
January	6.4	6.5	12.7	60.8	2.4	75.9	0.9	0.9	0.2	0.6	-	0.8
February	6.5	6.5	13.2	62.8	2.8	78.8	0.9	0.9	0.2	0.6	-	0.8
March	6.7	6.7	W	65.3	W	81.6	0.9	0.9	0.2	0.7	-	0.8
April	6.6	6.6	13.5	65.2	2.8	81.5	0.9	0.9	0.2	0.7	-	0.9
May	6.8	6.8	W	65.6	W	81.3	0.9	0.9	0.2	0.7	-	0.9
June	7.0	7.1	W	67.0	W	83.0	1.0	1.0	0.2	0.7	-	0.9
July	6.8	6.8	13.3	65.1	2.5	80.9	1.0	1.0	0.2	0.7	-	0.9
August	6.9	6.9	W	66.4	W	82.5	1.0	1.0	0.2	0.7	-	0.9
September	6.9	6.9	W	64.4	W	80.1	0.9	0.9	0.2	0.6	-	0.8
October	6.9	6.9	W	66.4	W	82.8	0.9	0.9	0.2	0.6	-	0.8
November	6.7	6.7	W	65.5	W	82.1	0.9	0.9	0.2	0.6	-	0.7
December	6.6	6.6	13.2	65.5	2.9	81.6	0.9	0.9	0.2	0.6	-	0.7
2017	6.7	6.8	13.4	65.0	2.6	81.0	0.9	0.9	0.2	0.6	-	0.8
2018												
January	6.3	6.3	12.5	62.1	2.7	77.3	0.8	0.8	0.2	0.5	-	0.7
February	6.5	6.5	13.3	64.9	3.3	81.4	0.9	0.9	0.2	0.5	-	0.7
March	R6.8	R6.8	13.7	65.8	3.4	82.8	0.9	0.9	0.2	0.5	-	0.7
April	6.8	6.8	13.9	65.9	2.8	82.6	0.9	0.9	0.2	0.5	-	0.7

See footnotes at end of table.

Table 11. U.S. refiner reformulated motor gasoline volumes by grade and sales type (cont.)

million gallons per day

	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
Year month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	0.2	0.2	1.2	0.5	0.2	1.9	1.0	1.0	4.0	2.4	0.8	7.2
1995	3.1	3.2	12.0	W	W	18.9	14.0	14.4	40.1	25.9	6.6	72.6
1996	3.1	3.2	11.7	5.3	1.5	18.6	17.0	17.6	45.7	29.2	9.6	84.5
1997	3.4	3.5	11.5	5.3	1.5	18.2	20.3	21.0	47.4	30.1	9.1	86.6
1998	3.8	3.9	12.2	W	1.6	19.8	21.8	22.2	48.2	32.0	9.9	90.1
1999	3.4	3.5	11.4	6.3	1.9	19.6	21.5	22.0	48.2	35.6	11.5	95.2
2000	3.0	3.1	9.6	5.4	1.9	16.8	21.9	22.4	47.9	37.0	10.4	95.2
2001	3.2	3.2	9.2	5.4	1.1	15.7	22.7	23.3	47.7	37.6	10.0	95.3
2002	3.4	3.5	9.5	5.6	1.1	16.3	23.6	24.1	48.2	38.0	9.3	95.6
2003	3.5	3.6	8.5	5.9	1.0	15.3	24.2	24.7	43.5	43.0	8.6	95.1
2004	3.1	3.1	7.4	6.0	0.6	14.1	21.9	22.3	40.2	47.7	6.7	94.6
2005	2.8	2.8	6.5	6.0	1.2	13.6	22.6	22.9	36.4	51.2	10.6	98.3
2006	2.7	2.7	5.9	5.9	0.7	12.5	22.9	23.2	34.6	53.1	4.1	91.8
2007	2.6	2.7	5.8	5.9	0.4	12.1	22.4	22.7	34.0	52.6	4.3	90.9
2008	2.4	2.4	5.0	5.4	0.4	10.8	21.0	21.3	31.5	54.6	4.6	90.8
2009	2.3	2.3	5.3	6.1	0.3	11.8	17.9	18.3	32.1	57.1	3.7	92.9
2010	1.9	1.9	4.9	7.4	0.4	12.7	14.9	15.2	28.8	63.1	4.7	96.5
2011	1.7	1.7	3.9	7.7	0.2	11.8	13.7	13.9	23.9	66.4	4.4	94.7
2012	1.5	1.5	3.5	8.4	0.3	12.1	11.7	12.0	21.4	69.7	4.3	95.4
2013	1.4	1.4	3.5	8.7	0.2	12.4	9.9	10.2	20.5	69.0	3.7	93.1
2014	1.2	1.2	3.5	9.4	0.2	13.0	7.5	7.7	18.4	72.3	2.3	93.0
2015	1.5	1.5	3.8	10.4	0.2	14.4	9.2	9.2	18.1	74.7	3.0	95.8
2016												
January	1.5	1.5	W	10.1	W	14.2	8.7	8.7	17.3	72.2	3.2	92.8
February	1.6	1.6	W	10.9	W	15.6	9.0	9.0	18.4	75.1	3.3	96.8
March	1.6	1.6	4.1	10.7	0.3	15.1	9.0	9.0	18.4	74.3	3.4	96.2
April	1.6	1.6	4.1	11.0	0.4	15.5	9.2	9.2	18.6	76.5	2.9	98.0
May	1.6	1.6	4.2	11.2	0.3	15.7	9.3	9.3	18.5	77.0	4.0	99.5
June	1.6	1.6	4.1	11.5	0.3	15.9	9.6	9.7	18.4	79.3	4.3	102.0
July	1.6	1.6	4.1	11.4	0.3	15.8	9.3	9.4	18.2	77.5	4.0	99.7
August	1.6	1.6	W	11.6	W	16.2	9.4	9.5	18.7	78.6	3.1	100.4
September	1.7	1.7	W	11.3	W	15.7	9.5	9.5	18.3	77.5	3.3	99.2
October	1.6	1.6	4.1	11.1	0.2	15.5	9.3	9.3	18.0	77.1	3.0	98.1
November	1.5	1.5	W	11.1	W	15.4	9.1	9.1	17.7	76.2	3.6	97.5
December	1.5	1.5	4.1	11.0	0.3	15.4	9.2	9.2	18.0	76.2	2.9	97.2
2016	1.6	1.6	4.1	11.1	0.3	15.5	9.2	9.2	18.2	76.5	3.4	98.1
2017												
January	1.4	1.4	3.8	10.1	0.4	14.4	8.8	8.8	16.6	71.5	2.9	91.0
February	1.5	1.5	4.0	10.6	0.3	14.9	8.9	8.9	17.3	74.1	3.1	94.5
March	1.5	1.5	W	11.1	W	15.5	9.1	9.2	18.0	77.1	2.8	98.0
April	1.5	1.5	4.1	11.2	0.4	15.7	9.0	9.1	17.9	77.0	3.2	98.1
May	1.6	1.6	W	11.7	W	16.1	9.3	9.3	17.9	78.0	2.4	98.3
June	1.6	1.6	W	11.8	W	16.2	9.6	9.6	17.9	79.5	2.7	100.1
July	1.6	1.6	4.1	11.5	0.3	16.0	9.3	9.4	17.7	77.3	2.8	97.7
August	1.6	1.6	W	11.7	W	16.2	9.4	9.4	18.0	78.8	2.7	99.6
September	1.5	1.5	W	11.2	W	15.5	9.3	9.3	17.6	76.2	2.6	96.4
October	1.5	1.5	W	11.5	W	16.1	9.4	9.4	17.6	78.5	3.7	99.7
November	1.5	1.5	W	11.3	W	15.5	9.0	9.0	17.5	77.3	3.6	98.4
December	1.5	1.5	4.0	11.2	0.6	15.9	8.9	9.0	17.4	77.3	3.5	98.3
2017	1.5	1.5	4.1	11.2	0.4	15.7	9.2	9.2	17.6	76.9	3.0	97.5
2018												
January	1.3	1.3	3.8	10.4	0.3	14.5	8.4	8.5	16.4	73.1	3.1	92.5
February	1.4	1.4	3.9	10.8	0.4	15.2	8.7	8.7	17.4	76.3	3.6	97.3
March	R1.5	R1.5	3.9	11.2	0.4	15.5	R9.2	R9.2	17.8	77.5	3.8	99.0
April	1.4	1.4	4.1	11.1	0.4	15.7	9.1	9.2	18.2	77.6	3.2	99.0

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2017 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 16. U.S. refiner residual fuel oil prices

dollars per gallon excluding taxes

	Sulfur less than or equal to 1%		Sulfur greater than 1%		Average	
Year month	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
1994	0.401	0.345	0.330	0.287	0.352	0.317
1995	0.436	0.383	0.377	0.338	0.392	0.363
1996	0.526	0.456	0.433	0.389	0.455	0.420
1997	0.488	0.415	0.403	0.366	0.423	0.387
1998	0.354	0.299	0.287	0.269	0.305	0.280
1999	0.405	0.382	0.362	0.329	0.374	0.354
2000	0.708	0.627	0.566	0.512	0.602	0.566
2001	0.642	0.523	0.492	0.428	0.531	0.476
2002	0.640	0.546	0.544	0.508	0.569	0.530
2003	0.804	0.728	0.651	0.588	0.698	0.661
2004	0.835	0.764	0.692	0.601	0.739	0.681
2005	1.168	1.115	0.974	0.842	1.048	0.971
2006	1.342	1.202	1.173	1.085	1.218	1.136
2007	1.436	1.406	1.350	1.314	1.374	1.350
2008	2.144	1.918	1.889	1.843	1.964	1.866
2009	1.413	1.337	1.306	1.344	1.341	1.342
2010	1.920	1.756	1.619	1.679	1.713	1.697
2011	2.736	2.389	2.257	2.316	2.401	2.336
2012	3.025	2.548	2.433	2.429	2.592	2.457
2013	2.883	2.363	2.353	2.249	2.482	2.278
2014	2.694	2.153	2.221	1.996	2.325	2.044
2015	1.529	0.971	1.227	0.999	1.285	0.996
2016						
January	W	0.477	0.641	0.502	0.710	0.499
February	NA	0.475	0.606	0.508	0.632	0.504
March	NA	0.582	0.672	0.555	0.693	0.558
April	W	0.633	0.734	0.614	0.782	0.616
May	W	0.729	0.868	0.722	0.922	0.723
June	W	0.850	0.911	0.823	0.983	0.825
July	W	0.876	0.948	0.834	1.030	0.835
August	W	0.842	0.924	0.811	0.990	0.815
September	W	0.846	1.059	0.855	1.076	0.854
October	W	0.961	1.091	0.935	1.115	0.938
November	NA	0.920	1.040	0.907	1.106	0.908
December	W	1.024	1.206	1.031	1.230	1.030
2016	1.138	0.736	0.897	0.746	0.945	0.745
2017						
January	W	1.099	1.249	1.121	1.309	1.119
February	W	1.174	1.243	1.115	1.291	1.121
March	W	1.103	1.186	1.075	1.239	1.077
April	W	1.038	1.147	1.039	1.201	1.039
May	W	0.986	1.153	1.047	1.213	1.043
June	W	0.937	1.129	0.995	1.195	0.991
July	W	1.026	1.154	1.040	1.211	1.039
August	W	1.042	1.142	1.081	1.204	1.079
September	W	1.150	1.295	1.137	1.314	1.138
October	W	1.153	1.249	1.178	1.304	1.176
November	W	1.302	1.384	1.277	1.413	1.279
December	W	1.254	1.447	1.249	1.484	1.249
2017	W	1.112	1.237	1.117	1.287	1.116
2018						
January	W	1.301	1.476	1.311	1.507	1.310
February	W	1.221	1.415	1.325	1.490	1.319
March	W	1.227	1.386	1.306	1.452	1.302
April	W	1.311	1.544	1.353	1.590	1.352

NA = Not available.

R = Revised data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2017 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 17. U.S. refiner residual fuel oil volumes

million gallons per day

	Sulfur less than or equal to 1%		Sulfur greater than 1%		Total	
Year month	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
1994	4.2	6.6	9.3	6.2	13.5	12.8
1995	2.9	7.7	8.7	5.9	11.6	13.6
1996	3.1	6.3	9.8	7.4	12.9	13.8
1997	3.2	4.8	10.3	6.7	13.4	11.5
1998	3.9	5.7	10.5	9.6	14.4	15.4
1999	3.9	5.3	10.0	6.2	13.9	11.5
2000	3.3	4.9	9.8	5.6	13.1	10.5
2001	3.8	5.2	11.0	5.1	14.8	10.3
2002	2.7	5.1	7.8	3.7	10.4	8.8
2003	3.3	3.5	7.4	3.2	10.7	6.7
2004	3.4	2.9	6.8	3.0	10.2	5.9
2005	4.0	2.2	6.4	2.5	10.4	4.7
2006	2.8	2.8	7.6	3.6	10.4	6.5
2007	3.1	3.2	7.8	5.0	10.9	8.2
2008	2.5	2.9	5.9	6.6	8.4	9.5
2009	2.8	2.9	5.7	6.9	8.5	9.8
2010	2.4	2.6	5.2	8.1	7.6	10.7
2011	1.9	3.4	4.5	8.8	6.4	12.2
2012	1.5	2.1	4.0	6.8	5.5	8.8
2013	1.3	2.3	3.9	6.7	5.2	9.0
2014	1.0	2.4	3.6	5.6	4.6	8.0
2015	0.8	0.9	3.3	7.1	4.0	8.1
2016						
January	W	1.0	W	8.3	4.1	9.3
February	NA	1.2	3.4	8.2	3.9	9.3
March	NA	0.7	3.3	8.5	4.1	9.2
April	W	1.2	W	7.8	4.2	9.0
May	W	1.3	W	8.6	3.9	9.9
June	W	0.6	W	8.3	3.8	8.9
July	W	0.3	W	7.4	4.3	7.6
August	W	0.9	W	7.2	4.4	8.1
September	W	0.5	W	7.4	4.7	7.9
October	W	1.0	W	6.1	4.4	7.1
November	NA	0.7	3.1	6.5	4.0	7.2
December	W	0.6	W	7.0	4.2	7.6
2016	0.8	0.8	3.3	7.6	4.2	8.4
2017						
January	W	0.5	W	6.2	3.9	6.6
February	W	0.6	W	5.6	4.4	6.2
March	W	0.4	W	5.5	4.6	5.9
April	W	0.3	W	5.9	3.8	6.2
May	W	0.3	W	5.5	3.8	5.9
June	W	0.5	W	7.6	3.7	8.2
July	W	0.6	W	5.7	3.4	6.3
August	W	0.4	W	8.1	3.7	8.4
September	W	0.7	W	7.2	4.1	7.8
October	W	0.6	W	7.8	3.5	8.4
November	W	0.6	W	6.6	4.3	7.2
December	W	0.3	W	7.7	4.6	8.1
2017	W	0.5	W	6.6	4.0	7.1
2018						
January	W	0.4	W	8.5	3.7	8.9
February	W	0.4	W	7.2	3.6	7.7
March	W	0.4	W	7.0	3.6	7.4
April	W	0.3	W	7.0	3.1	7.3

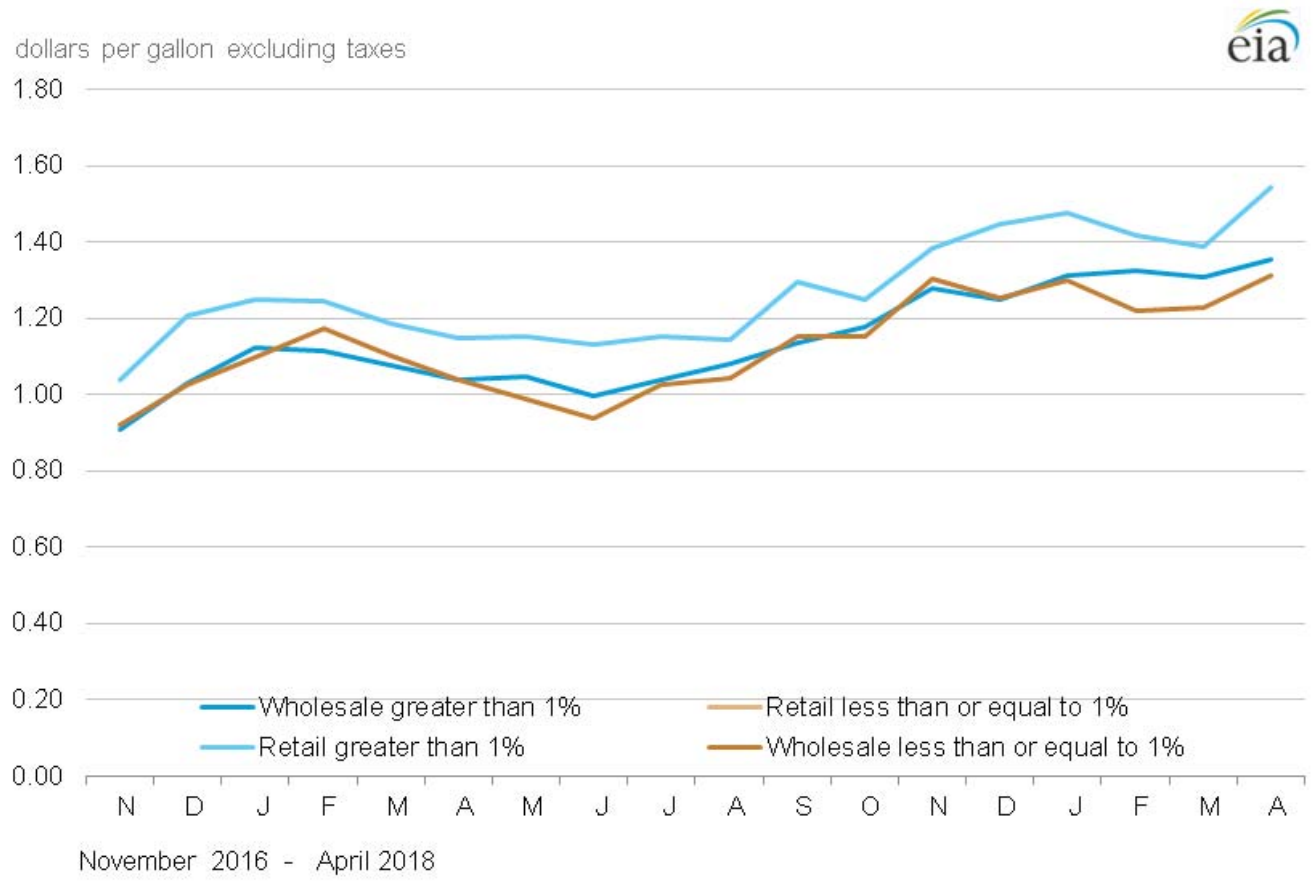
NA = Not available.

R = Revised data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2017 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Figure 7. U.S. Refiner residual fuel oil prices



Source: U.S. Energy Information Administration, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Crude Oil Prices

Table 18. Domestic crude oil first purchase prices

dollars per barrel

	U.S. Average		PAD District 1				PAD District 2						
Year month	U.S. Average	Less AK North Slope	Average	NY	PA	WV	Average	IL	IN	KS	KY	MI	NE
1997	17.23	17.92	19.25	18.49	18.79	17.56	18.60	19.11	18.73	18.63	17.97	18.75	18.10
1998	10.87	11.51	13.21	13.66	13.67	11.95	12.29	12.78	12.49	12.19	11.67	12.39	11.50
1999	15.56	16.38	17.36	18.65	18.49	16.46	17.27	17.37	17.31	17.08	16.68	16.63	17.21
2000	26.72	27.48	28.12	28.78	28.80	27.12	28.49	28.14	27.91	28.16	26.47	28.12	27.97
2001	21.84	22.77	23.98	24.19	24.82	22.35	23.95	23.76	23.46	23.56	22.53	22.69	23.67
2002	22.51	23.33	23.94	24.28	24.86	22.55	24.05	23.84	23.43	23.61	22.49	23.68	23.62
2003	27.56	28.47	29.12	28.91	29.60	28.06	29.24	29.10	28.38	28.68	27.21	29.18	28.63
2004	36.77	37.63	39.08	39.40	39.48	38.38	39.40	38.74	38.18	39.18	36.82	39.14	38.42
2005	50.28	51.02	53.84	54.64	54.57	53.75	53.33	51.20	51.02	53.41	49.45	53.67	52.38
2006	59.69	60.22	63.99	63.51	64.02	63.07	60.48	59.70	59.31	60.74	58.33	60.89	57.77
2007	66.52	67.04	69.00	69.46	70.00	67.27	67.16	65.66	65.47	66.85	63.60	66.87	62.78
2008	94.04	94.72	96.60	W	96.76	95.07	92.51	93.48	91.92	92.08	90.87	95.75	87.99
2009	56.35	56.65	56.56	W	56.96	55.77	55.00	55.47	55.65	54.41	55.24	56.39	50.93
2010	74.71	75.04	71.74	W	69.80	70.74	72.45	73.18	72.82	72.43	70.63	74.91	69.65
2011	95.73	95.35	90.77	W	87.16	86.56	89.38	88.73	88.15	88.52	86.00	92.40	85.48
2012	94.52	94.11	91.19	W	88.41	87.16	86.29	88.74	88.62	87.85	87.02	90.91	84.95
2013	95.99	96.00	92.45	W	89.84	91.26	91.64	92.94	93.04	91.85	91.17	96.50	87.44
2014	87.39	87.45	82.20	W	80.07	82.46	85.01	87.66	87.88	86.80	86.61	89.46	82.82
2015	44.39	44.58	37.65	W	38.98	33.72	42.44	43.97	44.51	43.16	45.38	45.38	40.10
2016													
January	27.02	27.39	22.06	W	26.37	18.94	25.85	27.90	28.47	26.72	28.80	29.56	24.26
February	25.52	25.84	20.70	W	25.27	17.38	24.06	26.12	26.31	25.19	27.73	28.35	22.83
March	31.87	32.14	29.80	W	33.03	25.64	31.44	33.25	33.18	32.64	34.18	35.43	30.58
April	35.59	35.83	29.39	W	35.93	23.80	35.19	36.49	36.50	35.45	37.23	41.33	33.70
May	41.02	41.24	38.97	W	40.70	36.44	40.73	42.30	42.16	41.46	42.89	47.05	39.61
June	43.96	44.35	40.49	W	43.94	35.98	43.70	44.18	44.26	43.44	45.44	49.20	41.46
July	40.71	41.16	37.24	W	40.58	34.34	40.32	40.71	40.99	39.88	41.45	45.11	38.24
August	40.46	40.84	37.33	W	40.51	34.14	39.68	40.75	40.82	39.77	41.53	45.16	38.28
September	40.55	40.92	38.06	W	40.67	35.49	39.85	40.78	40.85	39.85	41.73	45.59	38.34
October	45.00	45.39	42.20	W	45.20	37.98	44.99	45.37	45.27	44.72	46.70	50.39	43.19
November	41.65	42.01	39.46	W	41.44	37.01	40.79	43.90	45.23	40.53	43.30	46.20	38.97
December	47.12	47.40	45.03	W	47.19	42.26	46.59	44.05	42.34	46.73	47.22	52.57	45.28
2016	38.29	38.64	34.88	W	38.50	31.11	37.62	38.85	38.97	37.87	39.95	43.07	36.22
2017													
January	48.19	48.47	46.27	W	48.14	43.95	47.16	48.20	48.11	47.67	49.16	53.17	46.07
February	49.41	49.70	46.67	W	48.74	43.99	48.89	49.35	48.82	48.09	50.12	53.79	46.62
March	46.39	46.55	43.98	W	44.89	42.42	45.17	45.90	45.69	44.33	46.26	50.19	42.85
April	47.23	47.47	45.42	W	46.33	44.62	46.52	47.08	47.05	46.23	47.55	51.67	44.63
May	45.19	45.42	42.58	W	43.72	41.56	44.58	44.55	44.46	43.69	45.09	49.23	42.24
June	42.17	42.42	39.34	W	40.60	38.25	41.26	41.16	41.11	40.38	39.87	45.79	38.87
July	43.42	43.57	40.98	W	41.63	39.75	42.75	42.61	42.51	41.81	43.63	46.97	40.40
August	44.96	45.15	41.89	W	43.20	39.95	44.68	44.15	44.05	43.08	44.77	48.72	41.48
September	47.17	47.30	43.40	W	43.46	41.94	46.33	45.61	45.46	44.60	46.22	50.54	43.07
October	49.12	49.20	46.24	W	47.09	44.52	49.29	48.53	47.51	46.79	48.02	52.26	45.39
November	55.19	55.26	51.11	W	51.76	49.02	54.94	52.85	52.64	52.05	53.32	57.31	50.32
December	56.98	57.09	52.73	W	52.83	50.63	55.94	54.24	54.13	53.38	54.82	58.52	51.77
2017	48.05	48.23	44.96	W	45.93	43.34	47.39	47.02	46.76	45.95	47.33	51.51	44.33
2018													
January	62.25	62.38	57.79	W	57.76	55.46	61.44	59.93	59.72	59.00	60.42	64.33	57.40
February	61.20	61.35	56.69	W	56.82	54.52	59.67	58.47	58.26	57.64	58.91	62.81	56.04
March	60.68	R60.82	57.27	W	57.73	55.69	R59.64	59.18	58.89	58.35	59.75	63.48	56.78
April	63.50	63.58	60.40	W	61.22	58.72	63.04	62.62	62.27	61.75	62.83	67.51	60.07

See footnotes at end of table.

Table 18. Domestic crude oil first purchase prices (cont.)

dollars per barrel

	PAD District 2 (cont.)				PAD District 3							
Year month	ND	OH	OK	SD	Average	AL	AR	LA	MS	NM	TX	Federal Offshore Gulf
1997	17.63	17.77	19.05	17.80	18.69	18.58	17.58	19.22	16.94	19.02	18.66	18.63
1998	11.39	12.20	12.73	12.29	12.19	12.08	11.10	12.59	10.33	12.36	12.28	12.03
1999	16.70	16.41	17.77	16.86	17.07	16.71	15.89	17.73	15.42	17.46	17.29	16.66
2000	28.19	27.49	29.08	28.18	28.22	27.63	26.98	29.03	26.23	28.80	28.60	27.59
2001	23.55	22.55	24.68	23.89	23.43	23.18	21.82	24.51	21.13	23.72	23.41	23.29
2002	24.15	22.61	24.49	23.96	23.74	23.39	21.50	24.84	22.11	24.11	23.77	23.49
2003	29.27	28.18	29.72	28.94	29.08	28.97	26.57	30.52	27.46	29.52	29.13	28.72
2004	39.30	38.27	39.95	38.40	38.41	38.79	36.67	40.48	37.03	39.25	38.79	37.07
2005	52.38	53.47	54.46	50.65	51.96	53.26	50.86	54.05	49.58	52.84	52.61	49.78
2006	56.69	62.89	63.11	51.85	61.49	63.16	58.67	64.23	59.35	61.74	61.31	60.80
2007	65.30	68.09	69.31	62.78	68.37	71.10	64.25	71.63	68.65	68.94	68.30	67.40
2008	88.68	96.43	96.15	87.42	97.64	96.71	90.91	100.89	94.60	96.23	96.85	99.10
2009	53.75	56.35	56.56	50.75	57.77	55.25	53.07	59.18	58.29	57.08	57.40	58.22
2010	70.26	73.68	75.18	69.04	76.57	75.54	71.01	78.25	76.41	75.64	76.23	77.06
2011	88.74	90.79	90.94	87.08	96.79	105.99	87.61	106.20	100.43	90.93	91.99	105.65
2012	84.06	92.87	89.97	83.10	96.11	104.81	89.39	105.97	100.80	88.01	92.50	105.95
2013	90.22	94.89	94.25	89.28	97.53	103.10	92.98	105.18	100.44	92.13	95.80	103.29
2014	82.89	83.95	89.25	82.78	88.43	89.73	85.23	94.13	90.81	83.44	87.02	93.33
2015	41.42	38.40	44.96	42.73	45.61	44.55	43.04	48.43	46.81	44.40	44.95	47.67
2016												
January	24.80	22.66	27.84	24.32	28.16	26.95	26.11	29.50	27.69	27.48	27.35	30.54
February	22.72	22.22	26.40	23.34	26.57	25.39	24.66	28.10	26.13	26.60	26.47	26.75
March	30.35	30.64	33.09	30.56	32.38	31.96	32.30	34.98	33.13	32.92	33.01	30.14
April	34.54	31.45	36.45	33.60	36.19	35.79	35.07	38.81	36.78	36.15	36.56	34.99
May	39.47	40.19	42.71	39.60	41.53	41.58	40.80	44.53	42.52	42.11	42.52	38.48
June	42.80	43.41	45.33	42.48	44.95	44.90	42.75	47.30	44.78	44.99	45.35	43.64
July	39.58	39.59	41.80	38.72	41.82	40.79	38.99	43.21	41.16	41.25	41.62	42.54
August	38.53	39.24	41.63	38.66	41.40	40.46	38.81	43.00	40.94	41.18	41.44	41.29
September	38.70	39.89	41.71	38.86	41.40	40.57	38.80	43.07	41.03	41.35	41.55	40.94
October	44.37	44.81	46.07	44.24	45.62	45.51	43.45	48.11	45.89	45.79	46.19	43.98
November	39.67	40.92	42.53	39.86	42.68	41.27	39.26	44.38	41.79	42.25	42.49	43.22
December	45.32	46.90	48.94	45.75	47.74	47.18	45.97	49.97	47.59	48.74	48.76	44.96
2016	36.51	37.04	39.51	36.39	39.19	38.53	37.21	41.08	39.18	39.18	39.35	38.63
2017												
January	45.87	47.38	49.24	45.92	48.92	47.90	46.32	50.52	47.70	49.44	49.41	47.67
February	48.26	48.26	50.23	47.90	50.04	49.21	47.10	51.43	48.68	50.46	50.45	48.97
March	44.40	44.39	46.74	43.97	47.08	45.94	43.37	48.11	45.44	46.72	46.77	47.91
April	45.62	45.88	48.24	45.38	47.82	47.50	44.73	49.68	46.99	47.29	47.93	47.63
May	44.07	43.48	45.74	42.83	45.77	45.47	42.16	47.54	44.96	44.56	45.37	47.09
June	40.62	40.91	42.60	39.54	42.89	42.02	38.88	44.27	41.86	41.75	42.49	44.33
July	42.09	42.34	44.13	41.42	43.89	43.86	40.16	45.81	43.35	43.33	43.87	44.05
August	44.25	43.84	45.79	43.04	45.27	45.56	42.02	47.56	45.33	44.79	45.37	45.05
September	46.00	45.63	47.26	45.03	47.47	47.74	43.47	49.36	47.29	46.76	47.52	47.51
October	49.93	47.54	48.73	46.67	49.02	50.98	45.09	52.35	50.57	47.75	49.29	48.45
November	55.50	52.43	54.87	52.18	55.28	56.94	50.55	58.57	56.65	53.95	55.42	55.09
December	56.44	53.80	55.75	53.43	57.39	58.81	51.81	60.10	58.40	55.77	57.27	58.22
2017	47.04	46.14	48.41	45.60	48.50	48.34	44.60	50.37	48.06	47.90	48.57	48.46
2018												
January	61.75	59.25	61.50	59.18	62.56	63.85	57.22	65.57	63.42	61.57	62.87	61.88
February	59.65	58.01	60.22	57.96	61.89	62.04	55.97	63.51	61.25	60.85	61.78	62.60
March	R58.96	58.65	61.01	58.64	R61.07	60.42	56.82	62.69	60.29	60.51	R61.22	60.85
April	62.48	62.01	64.37	61.65	63.53	63.69	59.74	65.82	63.41	62.86	63.84	62.81

See footnotes at end of table.

Table 18. Domestic crude oil first purchase prices (cont.)

dollars per barrel

	PAD District 4					PAD District 5				
Year month	Average	CO	MT	UT	WY	Average	AK North Slope	AK Other	CA	Federal Offshore CA
1997	17.80	19.03	17.00	18.57	17.41	15.06	14.84	17.43	15.78	12.97
1998	11.38	12.56	11.28	12.52	10.70	8.80	8.47	11.55	9.55	6.99
1999	16.79	17.37	16.54	17.69	16.47	13.10	12.46	17.44	14.08	11.78
2000	27.60	28.85	27.82	28.53	26.89	24.16	23.62	28.23	24.82	23.32
2001	22.73	24.82	23.16	24.09	21.55	19.03	18.18	23.30	20.11	18.38
2002	23.01	25.29	22.76	23.87	21.96	20.39	19.37	24.47	21.87	19.03
2003	28.09	30.71	28.66	28.88	26.63	24.97	23.78	28.48	26.43	24.25
2004	37.34	40.38	38.53	39.35	35.10	33.69	33.03	38.76	34.47	32.23
2005	50.65	55.34	52.66	53.98	45.63	47.03	47.05	54.19	47.08	43.48
2006	57.38	63.80	56.69	59.70	53.25	57.03	56.86	64.10	57.34	53.37
2007	62.54	67.04	64.64	62.48	58.34	64.24	63.69	69.60	65.07	59.39
2008	88.23	90.80	89.96	86.58	86.07	90.16	90.10	95.04	90.47	85.68
2009	52.16	52.33	52.96	50.22	52.30	55.23	54.41	W	56.11	53.59
2010	69.72	72.75	70.24	68.09	68.10	73.29	72.33	W	74.51	69.80
2011	85.64	88.26	88.61	82.53	83.45	100.39	98.79	W	102.50	96.01
2012	82.91	85.78	82.98	82.73	80.70	101.33	98.70	W	104.10	97.04
2013	87.16	90.10	88.73	84.79	85.30	99.08	95.79	W	102.53	91.40
2014	80.92	82.48	80.54	79.04	80.54	89.30	86.41	W	92.14	80.55
2015	40.58	40.51	40.38	40.69	40.64	43.58	41.11	W	45.63	37.62
2016										
January	24.42	24.17	23.92	26.10	24.13	24.57	21.65	W	27.15	W
February	23.93	23.18	22.16	28.06	23.45	23.42	20.89	W	25.75	W
March	30.86	31.64	29.68	32.68	29.89	30.56	28.12	W	32.89	W
April	34.19	35.40	33.38	33.38	33.68	33.97	32.02	W	35.69	W
May	39.74	41.31	38.90	38.42	39.16	39.59	37.81	W	41.31	W
June	42.95	44.07	41.90	42.01	42.69	40.17	37.90	W	42.12	W
July	39.67	41.59	38.35	38.29	39.07	36.36	33.32	W	38.76	W
August	39.22	41.23	37.45	38.27	38.53	37.46	34.27	W	40.05	W
September	39.41	40.61	37.50	39.06	39.07	37.78	34.47	W	40.47	W
October	44.37	45.26	43.23	43.30	44.32	42.36	39.17	W	45.21	W
November	40.10	40.70	38.77	39.46	40.22	38.51	36.40	W	40.49	W
December	45.73	46.21	44.36	44.93	46.12	45.26	43.07	W	47.41	W
2016	36.68	37.81	35.40	36.92	35.98	35.68	33.13	W	37.96	W
2017										
January	46.14	47.14	44.74	44.83	46.23	46.55	43.91	W	49.00	W
February	48.06	49.79	46.75	45.88	47.94	47.42	45.01	W	49.73	W
March	44.44	45.09	43.36	43.79	44.49	45.24	43.95	W	46.52	W
April	45.54	46.62	44.17	43.34	46.07	45.89	43.63	W	48.10	W
May	43.62	44.04	42.49	42.76	44.07	43.65	41.59	W	45.65	W
June	40.56	40.77	38.95	40.44	40.90	40.17	37.40	W	42.32	W
July	41.69	41.92	40.62	40.23	42.63	42.48	40.56	W	44.04	W
August	43.34	43.55	42.49	42.15	44.02	44.46	41.15	W	46.94	W
September	45.27	45.40	44.61	43.69	46.14	47.61	45.15	W	50.10	W
October	46.88	46.88	46.83	45.15	47.76	50.42	47.93	W	53.08	W
November	51.90	52.07	52.32	49.36	52.82	56.53	54.07	-	59.20	W
December	52.86	53.08	53.29	50.11	53.83	58.03	54.88	W	60.87	W
2017	45.94	46.41	44.89	44.24	46.63	47.44	45.21	W	49.54	W
2018										
January	58.46	58.71	58.60	56.49	59.06	63.33	60.38	W	66.66	W
February	57.20	57.57	57.02	55.27	57.84	61.16	58.38	W	63.89	W
March	57.73	57.93	57.01	56.65	58.24	61.13	58.55	W	64.23	W
April	61.00	61.36	60.76	59.27	61.50	65.09	62.27	W	68.19	W

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - In November 2017, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - The actual domestic average price represents the average price at the lease (or wellhead) at which domestic crude oil is purchased. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2017 are final.

Sources: U.S. Energy Information Administration Form EIA-182, "Domestic Crude Oil First Purchase Report."

Table 19. Domestic crude oil first purchase prices for selected crude streams

dollars per barrel

Year month	Alaska North Slope	California Kern River	California Midway-Sunset	Heavy Louisiana Sweet	Louisiana Light Sweet	Mars Blend	West Texas Intermediate	West Texas Sour	Wyoming Sweet
1997	14.84	15.02	14.88	-	-	-	19.27	17.77	-
1998	8.47	8.59	8.48	-	-	-	12.89	11.50	-
1999	12.46	14.02	12.22	-	-	-	17.78	16.66	-
2000	23.62	23.88	23.56	-	-	-	29.16	27.66	-
2001	18.18	19.03	19.50	-	-	-	24.62	22.10	-
2002	19.37	19.80	22.81	-	-	-	24.33	23.23	-
2003	23.78	25.24	26.67	-	-	-	29.60	28.18	30.11
2004	33.03	33.42	33.74	37.78	40.24	34.53	39.55	37.29	39.52
2005	47.05	44.67	45.93	51.61	51.95	46.13	53.90	50.72	53.94
2006	56.86	55.05	54.59	63.41	64.04	57.35	63.16	59.03	60.52
2007	63.69	62.14	61.62	70.00	72.93	63.37	69.59	65.56	64.79
2008	90.10	87.27	86.92	103.96	104.51	93.40	97.39	95.31	89.30
2009	54.41	53.94	53.00	58.61	61.26	57.21	57.27	56.63	51.68
2010	72.33	72.80	72.26	78.16	79.28	75.43	76.63	75.03	70.43
2011	98.79	103.14	100.96	106.74	108.48	105.30	92.18	90.77	87.42
2012	98.70	103.41	103.05	106.77	107.53	105.03	91.36	87.94	84.81
2013	95.79	101.33	101.02	105.73	106.32	100.80	95.26	92.51	90.10
2014	86.41	90.38	89.34	95.53	94.37	92.50	85.90	85.66	82.19
2015	41.11	44.71	43.81	47.83	47.91	46.27	44.58	45.78	41.77
2016									
January	21.65	26.39	24.98	30.14	29.26	27.73	27.29	28.66	25.36
February	20.89	24.58	23.07	28.27	27.36	23.93	26.52	27.48	25.09
March	28.12	31.85	31.35	33.12	34.04	28.54	32.75	33.67	32.31
April	32.02	34.66	34.11	37.79	37.78	32.97	36.19	36.63	35.94
May	37.81	40.15	39.20	42.27	43.19	37.12	42.18	42.34	41.89
June	37.90	40.44	39.12	46.40	46.25	41.60	44.98	45.30	44.57
July	33.32	37.10	37.22	43.12	42.93	40.20	41.24	41.68	40.99
August	34.27	39.46	38.61	42.71	42.23	39.14	41.16	41.53	40.83
September	34.47	39.45	38.53	42.60	42.14	38.70	41.36	40.88	41.21
October	39.17	44.21	43.50	46.92	46.92	41.84	45.95	45.08	46.09
November	36.40	39.48	39.23	44.35	43.22	41.27	42.38	42.20	42.19
December	43.07	46.46	45.74	48.18	48.70	43.41	48.63	48.66	47.27
2016	33.13	36.83	36.12	40.37	40.56	36.75	39.20	39.44	37.86
2017									
January	43.91	47.73	47.17	50.28	49.41	45.84	49.42	48.73	47.82
February	45.01	48.71	48.06	51.11	50.41	47.07	50.62	49.25	49.94
March	43.95	45.60	45.23	48.88	47.06	45.86	46.83	45.96	45.96
April	43.63	46.90	46.78	49.94	48.50	45.80	47.50	47.23	47.56
May	41.59	44.62	44.30	48.49	46.43	45.00	44.93	44.87	45.02
June	37.40	41.43	41.01	45.29	43.26	42.38	42.08	42.27	41.83
July	40.56	43.10	42.63	46.18	44.62	42.21	43.35	43.67	43.66
August	41.15	46.03	45.63	47.90	46.41	43.13	44.94	45.16	44.72
September	45.15	49.17	48.66	49.63	48.41	46.32	47.18	47.29	46.79
October	47.93	52.02	51.69	52.16	51.67	48.72	48.56	48.10	48.57
November	54.07	W	57.91	58.58	58.13	54.02	54.75	53.89	53.58
December	54.88	W	59.24	61.19	59.89	56.49	56.64	55.83	54.88
2017	45.21	48.33	48.04	50.27	49.52	46.89	48.50	48.25	47.80
2018									
January	60.38	W	65.50	65.56	64.79	60.92	62.31	61.81	60.77
February	58.38	W	62.39	64.20	62.96	61.01	61.65	60.57	59.97
March	58.55	W	63.02	62.74	61.42	59.01	R61.26	59.87	60.36
April	62.27	W	66.84	66.31	64.53	61.13	63.51	63.08	63.33

- = No data reported.

R = Revised data.

Notes: - In November 2017, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2017 are final.

Sources: U.S. Energy Information Administration, Form EIA-182, "Domestic Crude Oil First Purchase Report."

Table 20. Domestic crude oil first purchase prices by API gravity

dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 or greater
1997	15.44	16.27	14.87	18.38	18.62	19.26
1998	9.22	9.62	8.50	12.03	12.17	12.80
1999	14.00	15.30	12.50	16.92	17.18	17.64
2000	24.42	25.64	23.64	28.10	28.36	29.09
2001	19.53	19.59	18.18	23.31	23.99	24.43
2002	21.08	20.80	19.39	23.62	23.94	24.26
2003	25.82	25.56	23.80	28.77	29.21	29.66
2004	33.38	35.02	33.21	37.24	39.33	39.97
2005	45.01	46.33	47.09	50.81	53.14	54.06
2006	54.96	57.89	56.18	60.78	61.83	61.86
2007	62.00	64.94	62.83	67.14	69.29	69.17
2008	87.10	91.01	89.55	98.41	96.69	94.95
2009	54.05	55.66	54.30	57.66	56.93	56.66
2010	72.40	75.04	71.78	76.22	76.03	74.48
2011	101.30	103.07	97.12	99.65	94.54	91.87
2012	102.79	101.56	96.64	98.48	93.12	91.01
2013	99.40	100.70	94.13	99.11	96.24	94.76
2014	87.83	91.05	85.48	90.95	86.56	86.12
2015	43.88	45.71	40.73	46.82	44.67	43.65
2016						
January	26.13	27.33	21.54	28.96	27.30	26.42
February	24.37	25.95	20.75	26.67	26.41	24.83
March	31.93	33.32	27.70	31.90	32.98	31.98
April	34.72	35.99	31.68	35.92	36.51	35.84
May	40.00	41.97	37.41	40.94	42.41	41.45
June	40.44	43.04	37.93	44.51	45.16	44.47
July	37.34	39.42	33.47	41.82	41.55	40.99
August	39.18	40.46	34.17	41.22	41.40	40.46
September	39.39	40.76	34.40	40.88	41.55	40.70
October	44.28	45.53	39.13	44.77	46.22	45.81
November	39.72	41.31	36.30	42.59	42.57	41.49
December	46.54	47.95	42.98	46.67	48.69	47.52
2016	36.87	38.52	32.94	38.95	39.33	38.25
2017						
January	48.35	49.32	43.77	48.25	49.47	48.12
February	48.82	49.78	44.88	49.22	50.68	49.64
March	45.70	46.37	43.79	46.92	46.93	46.04
April	47.17	48.43	43.53	47.66	47.78	47.32
May	44.77	46.00	41.55	46.07	45.26	45.31
June	41.52	42.60	37.41	43.35	42.31	42.10
July	43.22	44.58	40.48	43.96	43.63	43.63
August	46.18	47.20	41.12	45.26	45.18	45.44
September	49.30	50.57	45.06	47.62	47.39	47.29
October	52.39	53.05	47.78	49.32	48.92	50.26
November	58.59	58.91	53.91	55.03	54.99	56.23
December	60.04	60.77	54.63	57.26	56.81	57.61
2017	48.74	49.77	45.08	48.40	48.64	48.44
2018						
January	66.17	66.46	60.05	62.38	62.46	63.07
February	62.89	63.48	57.95	61.52	61.69	61.30
March	63.44	64.34	58.17	60.30	R61.35	R60.68
April	67.34	67.64	61.91	63.23	63.78	63.74

R = Revised data.

Notes: - In November 2017, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2017 are final.

Sources: U.S. Energy Information Administration, Form EIA-182, "Domestic Crude Oil First Purchase Report."

Table 21. F.O.B.[a] costs of imported crude oil by selected country

dollars per barrel

	Selected countries									
Year month	Angola	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela	Persian Gulf[b]	Total OPEC[c]	Non OPEC
1997	18.81	18.85	16.72	19.43	15.16	18.59	15.33	15.24	16.26	17.51
1998	12.11	12.56	10.49	12.97	8.87	12.52	9.31	9.09	10.20	11.21
1999	17.46	17.20	15.89	17.32	17.65	19.14	14.33	17.15	15.90	16.84
2000	27.90	29.04	25.39	28.70	24.62	27.21	24.45	24.72	25.56	26.77
2001	23.25	24.25	18.89	24.85	18.98	23.30	18.01	18.89	19.73	21.04
2002	24.09	24.64	21.60	25.38	23.92	24.50	20.13	23.38	22.18	22.93
2003	28.22	28.89	24.83	29.40	25.03	28.76	23.81	25.17	25.36	26.21
2004	37.26	37.73	31.55	38.71	34.08	37.30	31.78	33.08	33.95	33.58
2005	52.48	51.89	43.00	55.95	47.96	54.48	46.39	47.21	49.60	45.79
2006	62.23	59.77	52.91	65.69	56.09	66.03	55.80	56.02	59.18	55.35
2007	67.80	67.93	61.35	76.64	W	69.96	64.10	69.93	69.58	62.69
2008	95.66	91.17	84.61	102.06	93.03	96.33	88.06	91.44	93.15	87.15
2009	57.07	57.90	56.47	64.61	57.87	65.63	55.58	59.53	58.53	57.16
2010	78.18	72.56	72.46	80.83	76.44	W	70.30	75.65	75.23	73.24
2011	111.82	100.21	100.90	115.35	107.08	-	97.23	106.47	105.34	98.49
2012	111.23	106.43	101.84	114.51	106.65	-	100.15	105.45	104.39	95.71
2013	107.71	101.24	98.40	110.06	101.16	W	97.52	100.62	100.57	93.67
2014	W	80.75	86.55	W	95.60	-	84.51	94.03	89.76	82.95
2015	W	47.52	44.90	W	47.53	-	40.73	46.95	43.25	41.19
2016										
January	W	W	24.12	W	26.24	-	20.73	25.73	25.05	22.66
February	W	24.91	24.50	37.83	27.46	-	22.57	26.58	27.01	23.35
March	35.33	30.47	29.01	W	34.14	-	27.31	32.32	31.37	28.35
April	W	33.57	30.79	W	37.13	-	29.07	35.67	34.08	31.92
May	W	39.00	39.04	W	42.44	W	36.65	40.55	40.51	37.04
June	49.56	41.64	42.27	48.79	45.16	-	39.33	43.77	43.73	40.22
July	45.00	36.91	39.99	W	42.11	-	35.69	40.91	39.61	38.09
August	W	36.80	38.73	W	42.48	-	37.56	40.44	40.44	36.78
September	W	40.36	38.44	W	42.31	-	36.95	40.37	40.01	37.18
October	W	40.59	42.91	W	47.10	-	40.38	45.17	44.66	40.37
November	W	39.80	39.55	W	42.50	W	38.39	41.40	42.31	38.33
December	W	45.27	45.34	W	48.79	W	44.75	47.95	47.44	42.34
2016	42.68	35.28	36.22	46.20	39.30	W	34.71	38.76	38.51	34.81
2017										
January	-	47.92	45.50	W	W	-	45.94	47.61	47.30	43.25
February	W	46.97	45.91	W	51.03	-	45.69	50.01	49.11	43.63
March	W	46.05	42.10	W	48.54	-	42.47	47.78	46.83	41.73
April	W	46.76	44.32	W	50.00	W	43.71	48.93	47.16	41.46
May	W	44.70	44.85	W	47.95	-	42.27	47.14	46.08	42.66
June	W	41.30	41.86	48.88	45.41	-	39.16	44.45	43.52	40.28
July	W	44.44	44.33	50.26	46.94	-	41.72	45.95	45.40	40.39
August	W	47.16	46.33	52.18	49.33	-	45.41	48.06	48.32	41.38
September	-	W	48.06	W	53.41	-	49.22	51.74	52.36	43.26
October	-	52.69	49.01	58.58	55.44	-	52.51	50.92	53.93	44.21
November	-	W	54.66	W	60.22	W	55.88	59.12	58.89	48.57
December	-	W	55.32	W	62.09	-	58.27	60.36	61.52	49.87
2017	W	48.34	46.66	54.77	51.30	W	45.60	50.16	49.55	43.30
2018										
January	W	61.24	58.75	W	65.03	W	62.07	63.50	64.12	51.34
February	W	59.66	56.74	W	R63.19	W	55.72	R61.90	R61.07	R49.79
March	-	W	R56.73	W	R63.90	W	R57.36	R61.15	R60.65	R49.06
April	W	65.95	57.45	W	67.80	W	64.61	64.43	65.79	52.83

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary.

[b] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

[c] Includes Algeria, Angola (January 2007-present), Ecuador (January 2008-present), Equatorial Guinea (May 2017-present), Gabon (July 2016-present), Indonesia (1996-2008 and January 2016-November 2016), Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates and Venezuela.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2017 are final.

Sources: U.S. Energy Information Administration Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report."

Table 22. Landed costs of imported crude oil by selected country

dollars per barrel

	Selected countries										
Year month	Angola	Canada	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela	Persian Gulf[a]	Total OPEC[b]	Non OPEC
1997	20.24	17.63	19.71	17.30	20.64	17.52	20.64	16.35	17.44	17.73	18.45
1998	13.37	11.62	13.26	11.04	14.14	11.16	13.55	10.16	11.18	11.46	12.22
1999	18.37	17.54	18.09	16.12	17.63	17.48	18.26	15.58	17.37	16.94	17.51
2000	29.57	26.69	29.68	26.03	30.04	26.58	29.26	26.05	26.77	27.29	27.80
2001	25.13	20.72	25.88	19.37	26.55	20.98	25.32	19.81	20.73	21.52	22.17
2002	25.43	22.98	25.28	22.09	26.45	24.77	26.35	21.93	24.13	23.83	23.97
2003	30.14	26.76	30.55	25.48	31.07	27.50	30.62	25.70	27.54	27.70	27.68
2004	39.62	34.51	39.03	32.25	40.95	37.11	39.28	33.79	36.53	36.84	35.29
2005	54.31	44.73	53.42	43.47	57.55	50.31	55.28	47.87	49.68	51.36	47.31
2006	64.85	53.90	62.13	53.76	68.26	59.19	67.44	57.37	58.92	61.21	57.14
2007	71.27	60.38	70.91	62.31	78.01	70.78	72.47	66.13	69.83	71.14	63.96
2008	98.18	90.00	93.43	85.97	104.83	94.75	96.95	90.76	93.59	95.49	90.59
2009	61.32	57.60	58.50	57.35	68.01	62.14	63.87	57.78	62.15	61.90	58.58
2010	80.61	72.80	74.25	72.86	83.14	79.29	80.29	72.43	78.60	78.28	74.68
2011	114.05	89.92	102.57	101.21	116.43	108.83	118.45	100.14	108.01	107.84	98.64
2012	114.95	84.24	107.07	102.45	116.88	108.15	W	101.58	107.74	107.56	95.05
2013	110.81	84.41	103.00	99.06	112.87	102.60	111.23	99.34	102.53	102.98	91.99
2014	99.25	81.30	88.29	87.48	102.16	94.91	W	86.88	95.30	93.10	84.67
2015	51.73	41.99	49.53	45.51	54.70	49.78	W	42.87	49.43	47.44	44.09
2016											
January	34.83	26.32	26.23	24.82	W	30.96	-	21.64	30.85	28.94	26.33
February	33.04	24.62	26.32	25.19	39.44	31.86	W	23.49	30.91	29.63	25.43
March	36.68	29.31	33.38	29.65	42.86	36.19	W	28.83	34.84	34.02	30.35
April	40.91	34.19	36.71	31.91	W	39.75	-	31.20	38.00	36.80	34.42
May	49.14	38.43	42.28	39.67	W	43.46	W	38.14	42.56	42.48	39.55
June	49.06	41.97	43.88	42.50	51.05	45.90	-	40.04	44.70	44.70	42.65
July	47.04	39.41	40.90	40.30	48.46	43.80	W	37.00	42.77	41.78	40.48
August	49.43	37.84	40.78	39.34	50.20	43.67	W	38.66	42.74	42.46	39.01
September	46.15	38.62	43.43	38.86	49.91	44.22	-	38.11	43.31	42.62	39.60
October	48.88	41.79	43.44	43.44	W	46.95	-	41.61	45.50	45.65	42.64
November	49.08	39.81	42.97	40.20	52.80	47.04	W	39.53	45.68	44.98	40.52
December	53.63	43.34	48.83	45.84	55.62	50.38	W	45.69	49.38	49.07	44.83
2016	44.65	36.27	38.86	36.64	48.11	42.14	W	35.50	41.20	40.54	37.09
2017											
January	-	44.70	49.17	46.35	54.74	50.40	W	47.53	49.35	49.22	45.76
February	W	44.97	49.66	46.57	54.42	52.27	-	46.28	50.92	50.48	46.26
March	W	43.00	48.29	42.97	W	50.36	W	43.91	49.58	48.91	44.03
April	W	43.05	48.38	44.65	W	50.18	W	44.53	49.03	48.47	44.31
May	W	44.24	45.92	45.51	51.83	49.17	W	43.50	47.37	47.36	45.23
June	50.74	41.76	44.89	42.36	50.36	47.97	W	40.88	46.86	45.77	42.67
July	50.20	41.60	46.72	45.17	50.89	48.22	-	42.25	47.48	46.91	43.36
August	52.23	43.18	48.56	46.86	53.18	51.43	W	46.16	49.71	49.55	45.41
September	56.59	45.14	52.43	49.63	57.99	55.03	W	50.98	52.93	53.53	47.42
October	W	45.68	53.95	50.28	59.35	58.34	W	53.05	55.14	55.71	48.21
November	61.03	51.16	59.52	55.47	64.27	61.66	62.24	57.19	59.63	59.83	53.67
December	W	51.15	61.58	56.01	67.20	63.52	-	58.80	61.48	62.13	53.90
2017	54.17	44.93	50.60	47.73	56.48	52.56	56.11	47.02	51.42	51.26	46.67
2018											
January	66.55	51.20	63.25	59.85	69.15	64.81	W	62.79	63.94	64.83	54.64
February	W	R48.23	62.55	57.37	69.60	R65.30	68.19	55.98	R63.21	R62.93	R52.91
March	R70.27	R46.88	63.58	R56.99	R70.45	R64.51	W	R57.64	R62.46	R62.71	R50.97
April	W	51.20	66.53	58.39	W	67.13	70.01	64.49	65.20	65.74	54.79

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[a] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

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Sources: U.S. Energy Information Administration Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report."

Table 23. F.O.B.[a] costs of imported crude oil by API gravity

dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	13.12	14.94	17.49	17.61	19.37	19.88	19.77
1998	7.00	8.95	10.77	11.73	12.91	13.12	12.92
1999	12.13	14.49	17.07	17.33	18.03	18.81	17.00
2000	21.81	23.75	26.49	27.09	28.77	29.55	29.89
2001	16.17	17.23	21.84	21.60	23.84	24.80	25.72
2002	18.78	20.51	23.48	24.20	24.92	25.20	25.16
2003	21.88	24.09	25.65	27.49	28.67	29.35	28.64
2004	28.95	30.53	33.65	35.57	38.51	39.90	39.26
2005	40.54	41.52	49.26	50.82	54.65	56.47	52.83
2006	50.19	51.62	58.25	60.27	64.36	66.43	64.85
2007	56.69	60.14	69.31	71.44	73.46	74.27	70.10
2008	81.25	83.07	96.68	94.56	98.17	102.32	100.20
2009	54.76	54.36	56.30	59.78	63.63	62.10	63.32
2010	69.51	69.72	76.73	77.48	79.45	79.43	81.04
2011	94.66	94.15	103.09	107.24	111.37	114.28	112.74
2012	96.07	94.35	104.28	103.99	106.59	110.99	119.48
2013	93.91	91.27	100.20	101.44	104.26	108.78	103.41
2014	82.40	80.16	92.53	93.77	94.26	99.49	W
2015	40.07	38.33	47.33	47.85	49.98	54.59	W
2016							
January	20.34	20.28	25.86	28.16	31.02	-	W
February	22.26	21.01	27.87	28.75	31.81	-	W
March	26.73	26.28	30.41	35.21	36.02	-	43.97
April	29.03	29.56	36.10	37.84	41.01	W	W
May	35.85	35.31	40.01	45.82	44.77	-	W
June	39.85	37.92	43.98	46.85	46.52	48.02	W
July	35.86	35.44	40.31	42.71	45.54	47.25	W
August	36.66	34.38	40.91	42.03	44.06	44.74	W
September	36.61	34.21	43.14	42.79	44.64	W	W
October	39.96	38.47	42.12	46.98	49.33	49.07	W
November	37.63	36.38	43.00	44.07	46.26	49.59	W
December	43.28	40.43	47.74	48.54	51.10	51.86	52.61
2016	34.05	32.66	38.81	40.61	42.86	48.63	46.94
2017							
January	44.96	41.08	47.97	50.43	50.01	-	W
February	44.33	42.25	48.44	50.86	50.29	51.84	W
March	41.90	39.38	47.25	49.76	50.83	52.79	W
April	42.29	40.12	45.56	49.43	48.69	49.92	W
May	41.78	40.50	45.29	49.71	48.59	51.24	50.00
June	38.25	38.65	43.53	46.21	46.53	45.83	W
July	39.97	39.42	45.14	45.78	46.32	48.92	W
August	42.21	40.85	45.53	48.82	47.92	52.34	W
September	44.11	41.26	48.71	52.16	51.74	56.00	W
October	46.80	43.13	50.77	52.29	55.45	58.11	W
November	50.59	47.79	56.14	59.46	57.06	W	W
December	49.05	48.91	59.48	61.16	58.35	W	W
2017	43.78	41.82	48.78	51.08	50.31	54.70	54.12
2018							
January	57.20	49.82	56.18	62.44	60.12	66.11	W
February	R53.01	R46.68	R54.95	R62.04	R57.83	65.11	W
March	R53.60	R45.83	R57.13	R61.44	R60.11	R69.20	W
April	56.79	50.30	59.80	64.95	64.98	71.04	W

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R = Revised data.

[a] Free on Board. See Glossary

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Sources: U.S. Energy Information Administration, Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report."

Table 24. Landed costs of imported crude oil by API gravity

dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	14.42	15.79	18.57	18.42	20.34	21.09	20.85
1998	8.19	9.73	11.81	12.31	13.73	14.40	14.38
1999	13.40	15.30	17.33	17.81	18.18	19.22	18.48
2000	23.49	24.71	27.60	27.91	29.99	30.37	31.10
2001	17.66	18.14	23.29	22.21	24.86	26.59	26.49
2002	20.59	21.33	24.40	24.91	25.73	26.49	25.96
2003	23.87	25.15	27.78	28.78	29.95	30.73	30.90
2004	30.96	31.92	35.99	37.94	39.82	41.25	41.59
2005	42.20	42.24	49.94	52.18	54.95	58.38	56.43
2006	51.84	52.62	59.38	61.88	64.80	68.44	66.78
2007	59.01	60.64	68.95	72.03	73.17	75.68	73.57
2008	85.39	84.76	97.30	96.83	99.90	103.68	99.23
2009	56.38	55.68	61.28	62.43	64.80	64.82	63.90
2010	71.54	71.07	78.35	79.64	81.25	81.09	82.17
2011	96.89	93.32	106.06	108.76	110.93	115.40	113.24
2012	97.49	91.32	105.92	107.23	107.27	112.70	115.67
2013	95.87	88.35	101.63	102.97	104.39	110.66	105.88
2014	85.31	81.44	93.64	95.20	94.50	100.17	100.25
2015	43.20	41.14	49.58	50.16	50.78	54.54	51.70
2016							
January	22.58	23.84	28.81	32.31	33.96	W	W
February	24.13	23.06	30.59	31.54	32.82	W	W
March	28.96	28.49	35.00	36.39	36.45	W	46.17
April	31.16	32.03	38.03	39.61	41.84	42.79	W
May	38.32	37.95	44.04	44.45	45.26	47.93	W
June	40.90	40.39	44.61	47.16	48.13	50.67	W
July	37.91	37.94	43.00	44.37	47.85	48.61	W
August	38.22	36.47	43.35	44.02	45.83	46.60	W
September	37.99	36.77	44.73	44.69	46.71	46.95	W
October	41.56	40.47	44.81	47.69	49.80	50.10	W
November	39.80	37.88	46.14	46.52	48.22	50.71	52.19
December	44.68	42.56	50.07	50.81	51.77	52.85	54.19
2016	35.85	34.78	41.73	42.14	44.49	48.15	48.93
2017							
January	46.52	43.27	49.62	51.69	51.39	W	W
February	46.12	44.24	50.49	52.71	52.73	55.13	W
March	44.21	41.81	48.25	51.10	51.65	53.80	53.72
April	44.28	42.59	48.59	50.09	50.76	51.84	W
May	43.89	43.00	46.79	50.28	51.27	53.66	51.87
June	41.20	41.00	46.56	48.38	48.71	48.07	49.17
July	41.85	42.09	47.78	48.09	48.15	49.96	50.85
August	44.66	43.88	50.02	51.01	50.88	53.53	52.58
September	47.52	45.72	52.08	54.60	52.54	56.15	W
October	49.69	46.93	54.88	56.69	55.55	59.03	58.12
November	54.62	51.78	59.98	61.24	58.86	64.22	65.83
December	54.38	51.81	61.38	62.87	61.80	64.66	W
2017	46.51	44.75	51.46	53.12	52.48	55.74	55.70
2018							
January	58.31	52.94	62.54	64.22	61.62	68.53	69.67
February	R54.33	49.87	R61.17	R64.20	R65.10	66.15	68.83
March	R54.26	R48.08	R60.90	R64.27	R62.66	R67.41	W
April	58.02	50.90	64.81	67.71	65.53	70.12	W

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Sources: U.S. Energy Information Administration, Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report."

Table 25. Percentages of total imported crude oil by API gravity

percent by interval

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	6.05	21.88	13.33	34.43	21.28	1.77	1.27
1998	5.84	20.29	13.99	35.62	20.81	1.88	1.57
1999	4.76	17.78	14.18	36.54	21.46	3.72	1.57
2000	6.21	18.88	13.41	36.90	19.83	3.44	1.35
2001	7.97	20.78	11.60	36.10	19.63	2.71	1.21
2002	8.28	22.29	11.44	35.28	18.29	2.67	1.75
2003	8.29	24.25	9.97	35.60	17.19	2.70	1.99
2004	11.13	23.70	8.18	34.57	17.68	2.10	2.64
2005	11.94	22.83	10.20	31.87	16.92	3.68	2.55
2006	13.04	23.28	11.18	28.22	15.73	5.82	2.74
2007	11.72	23.12	11.18	28.86	16.71	5.57	2.84
2008	13.22	23.50	11.51	30.42	14.64	4.24	2.47
2009	14.08	26.11	7.78	29.74	13.76	5.65	2.88
2010	15.13	26.01	5.35	30.73	14.35	5.57	2.86
2011	17.20	27.47	6.02	30.64	13.42	3.58	1.68
2012	16.66	29.77	8.41	28.31	12.84	3.36	0.65
2013	16.20	33.87	8.74	29.98	9.67	1.28	0.27
2014	18.49	36.73	9.78	26.96	7.19	0.75	0.11
2015	19.51	38.05	8.63	26.17	7.15	0.43	0.06
2016							
January	14.67	39.97	8.05	28.29	7.58	W	W
February	17.08	39.91	7.33	26.90	7.41	W	W
March	15.99	39.89	7.09	28.81	7.00	W	W
April	15.21	41.12	5.90	26.43	8.70	W	W
May	15.78	44.08	8.63	21.39	7.76	W	W
June	16.03	37.92	10.60	22.94	7.74	W	W
July	16.33	39.01	10.91	23.35	7.65	W	W
August	19.78	35.51	8.22	24.34	10.03	W	W
September	17.14	38.13	7.52	24.58	11.10	W	W
October	17.49	38.52	5.78	25.72	8.69	W	W
November	17.99	35.22	10.62	22.64	9.46	2.36	1.72
December	16.78	38.02	9.82	23.82	7.94	2.21	1.41
2016	16.70	38.88	8.43	24.92	8.42	1.43	1.22
2017							
January	16.05	43.19	8.84	23.07	8.10	W	W
February	14.94	42.19	8.04	23.23	7.71	W	W
March	15.78	39.44	8.08	26.54	5.99	1.25	2.92
April	15.21	43.07	7.54	21.93	9.02	W	W
May	17.09	38.96	11.04	20.33	8.31	1.85	2.42
June	18.76	41.44	9.14	19.98	7.01	1.40	2.27
July	17.96	36.93	13.79	19.68	7.08	2.19	2.38
August	19.77	39.42	9.53	18.00	8.56	2.31	2.41
September	19.59	35.45	8.96	23.72	7.29	W	W
October	21.94	39.17	11.64	16.25	7.43	1.85	1.72
November	19.54	39.06	10.21	21.74	6.24	1.26	1.94
December	14.54	41.58	11.58	21.30	5.52	W	W
2017	17.58	39.99	9.88	21.31	7.37	1.93	1.95
2018							
January	13.96	45.67	8.34	21.97	5.41	2.29	2.37
February	R14.75	R41.07	R10.72	R22.98	R5.71	R2.81	R1.95
March	R15.96	R42.31	R11.35	R20.78	R5.00	W	W
April	14.00	44.14	8.11	23.84	5.43	W	W

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Sources: U.S. Energy Information Administration, Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report."

Table 26. F.O.B.[a] costs of imported crude oil for selected crude streams

dollars per barrel

Year quarter month	Canadian Lloydminster	Iraqi Basrah Light	Mexican Mayan	Nigerian Qua Iboe	Venezuelan Merey
2005	35.13	-	40.69	-	-
2006	44.55	-	51.29	-	-
2007	48.54	-	59.96	-	-
2008	79.33	-	82.99	-	-
2009	50.11	62.98	55.07	65.60	59.89
2010	64.41	74.36	70.36	82.66	70.26
2011	78.41	104.51	98.27	115.82	98.73
2012	77.01	103.17	99.81	115.85	102.04
2013	75.61	99.28	96.87	W	99.26
2014	75.42	92.96	85.83	W	89.86
2015	W	47.59	43.49	W	43.82
2016					
January	-	24.24	24.21	W	W
February	-	W	24.84	W	W
March	-	W	29.22	-	W
1st quarter average	-	26.69	26.05	W	W
April	-	W	30.95	W	W
May	-	W	39.08	W	38.57
June	-	W	42.43	-	42.02
2nd quarter average	-	W	37.45	W	38.53
July	-	W	40.25	-	40.28
August	-	W	38.76	-	39.02
September	-	39.76	38.61	-	39.06
3rd quarter average	-	39.69	39.20	-	39.36
October	-	44.37	43.20	W	42.84
November	-	W	39.73	W	41.14
December	-	W	45.55	W	45.11
4th quarter average	-	44.01	42.52	W	43.19
2016	-	36.73	36.39	W	37.72
2017					
January	-	46.71	45.74	W	45.80
February	W	W	45.88	W	45.95
March	-	46.99	42.30	W	W
1st quarter average	W	47.09	44.76	W	44.72
April	-	W	44.54	W	W
May	-	W	44.98	W	W
June	-	W	42.07	W	W
2nd quarter average	-	44.27	43.74	W	44.88
July	-	W	44.33	W	W
August	-	W	46.40	-	W
September	-	W	48.11	W	-
3rd quarter average	-	W	45.93	W	W
October	-	W	49.01	-	W
November	-	W	54.73	-	W
December	-	W	55.32	W	-
4th quarter average	-	55.65	53.28	W	52.71
2017	W	49.10	46.82	W	45.62
2018					
January	-	W	59.05	-	W
February	-	W	56.82	-	-
March	-	R59.50	R56.98	-	-
1st quarter average	-	R59.87	R57.49	-	W
April	-	W	57.61	-	-

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary

Notes: - Effective January 2009, selected crude streams were discontinued and new crude steams were added for publication. - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2017 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report."

Table 27. Landed costs of imported crude oil for selected crude streams

dollars per barrel

Year quarter month	Algerian Saharan Blend	Brazilian Marlim	Canadian Bow River Heavy	Canadian Light Sour Blend	Canadian Lloydminster
2005	-	-	39.22	-	37.59
2006	-	-	48.38	-	46.96
2007	-	-	52.36	-	50.94
2008	-	-	84.29	-	82.50
2009	65.95	58.94	55.71	59.12	53.44
2010	81.78	76.63	68.92	76.56	68.13
2011	115.82	107.13	82.02	96.52	82.24
2012	114.02	114.32	77.19	87.82	81.33
2013	113.45	108.43	76.88	90.59	79.34
2014	-	93.08	76.90	85.10	81.87
2015	W	47.77	38.90	47.18	38.51
2016					
January	W	W	21.81	29.17	W
February	-	-	20.43	28.12	W
March	W	-	26.96	34.53	W
1st quarter average	W	W	22.99	30.06	W
April	-	-	31.38	38.30	W
May	W	-	35.84	42.53	W
June	W	-	39.70	46.22	W
2nd quarter average	W	-	35.87	42.16	W
July	W	-	36.70	44.75	W
August	W	-	34.94	42.99	W
September	-	W	34.66	43.94	W
3rd quarter average	W	W	35.44	43.88	W
October	52.01	-	40.05	46.75	W
November	49.15	W	36.32	41.11	W
December	53.37	-	41.50	48.31	W
4th quarter average	51.60	W	39.28	45.56	W
2016	49.82	W	33.43	40.04	W
2017					
January	-	-	41.70	48.94	W
February	W	-	43.43	50.94	W
March	W	W	39.96	47.85	-
1st quarter average	W	W	41.57	48.98	W
April	W	W	40.36	48.77	-
May	53.31	-	42.47	48.62	-
June	W	-	40.38	45.23	-
2nd quarter average	51.76	W	41.10	47.52	-
July	W	W	41.14	45.27	-
August	W	W	42.45	47.44	-
September	W	-	44.26	48.17	W
3rd quarter average	W	W	42.63	47.07	W
October	-	-	44.60	51.49	W
November	W	-	50.88	57.58	W
December	64.88	-	49.51	57.99	-
4th quarter average	65.06	-	47.66	56.11	W
2017	54.96	50.40	43.02	50.08	42.28
2018					
January	70.13	-	45.68	57.22	W
February	W	W	38.64	60.89	W
March	W	W	39.89	R59.46	-
1st quarter average	68.55	W	41.88	R58.42	W
April	W	-	43.61	62.96	W

See footnotes at end of table.

Table 27. Landed costs of imported crude oil for selected crude streams (cont.)

dollars per barrel

Year quarter month	Ecuadorian Oriente	Ecuadorian Napo	Iraqi Basrah Light	Mexican Mayan	Nigerian Bonny Light
2005	46.42	-	-	41.54	57.12
2006	56.75	-	-	52.04	69.29
2007	64.57	-	-	60.93	77.90
2008	87.25	-	-	84.29	108.46
2009	56.97	48.74	64.38	56.03	68.30
2010	75.48	72.97	77.96	70.87	84.10
2011	101.74	97.91	106.67	98.81	116.95
2012	105.50	101.53	106.93	100.29	117.70
2013	104.14	100.01	102.70	97.43	W
2014	91.65	93.11	96.95	86.49	W
2015	49.65	41.84	49.50	44.08	59.92
2016					
January	28.35	26.72	30.55	25.03	W
February	28.24	28.25	29.27	25.46	-
March	35.40	30.07	35.16	29.82	-
1st quarter average	31.19	28.06	31.74	26.83	W
April	38.81	35.05	34.37	31.81	-
May	42.31	39.83	43.44	39.77	-
June	45.43	43.22	43.60	42.81	-
2nd quarter average	42.15	39.65	40.55	38.08	-
July	42.50	38.82	43.78	40.49	-
August	41.32	40.07	41.98	39.39	-
September	43.17	41.35	42.47	39.05	-
3rd quarter average	42.40	39.97	42.72	39.63	-
October	46.21	W	44.37	43.76	-
November	44.69	42.20	43.11	40.32	-
December	48.95	46.47	47.72	45.99	-
4th quarter average	46.30	44.15	44.72	43.22	-
2016	40.68	37.46	39.90	36.79	W
2017					
January	51.02	W	48.34	46.58	-
February	W	W	50.16	46.55	-
March	49.90	46.39	48.28	43.12	-
1st quarter average	50.39	47.12	48.89	45.54	-
April	49.89	49.17	47.51	44.90	-
May	47.80	44.72	46.06	45.60	W
June	45.70	W	45.87	42.50	-
2nd quarter average	47.85	45.00	46.45	44.23	W
July	46.85	W	47.30	45.15	-
August	49.26	47.76	49.83	46.91	-
September	51.57	48.06	51.27	49.67	-
3rd quarter average	49.31	45.95	49.24	46.95	-
October	54.53	54.93	53.10	50.26	-
November	60.82	W	58.61	55.48	-
December	62.10	60.50	60.05	56.04	-
4th quarter average	60.14	58.14	57.23	54.05	-
2017	51.93	49.18	50.73	47.87	W
2018					
January	66.34	W	64.01	59.90	-
February	65.05	W	R60.97	57.42	-
March	63.11	60.38	R61.37	R57.11	-
1st quarter average	65.06	60.72	R61.98	R58.22	-
April	68.05	62.96	63.76	58.29	-

See footnotes at end of table.

Table 27. Landed costs of imported crude oil for selected crude streams (cont.)

dollars per barrel

Year quarter month	Nigerian Qua Iboe	Saudi Arabian Light	Saudi Arabian Medium	Saudi Arabian Berri	Venezuelan Merey
2005	-	52.92	48.92	-	-
2006	-	60.51	58.10	-	-
2007	-	71.62	70.09	-	-
2008	-	94.38	91.46	-	-
2009	68.26	63.10	61.87	59.72	60.15
2010	84.44	79.65	78.13	81.14	71.59
2011	117.02	109.43	107.12	110.77	100.36
2012	116.48	108.93	106.83	110.03	103.28
2013	112.47	103.44	101.44	107.00	100.69
2014	W	96.83	94.47	96.68	91.73
2015	W	50.00	48.66	52.83	45.77
2016					
January	W	30.78	31.18	W	W
February	W	31.67	31.36	33.68	W
March	-	36.81	35.39	36.48	30.21
1st quarter average	W	33.05	33.09	34.54	26.18
April	W	40.26	38.92	41.25	W
May	W	44.02	41.76	47.00	39.92
June	-	46.72	44.48	47.42	42.92
2nd quarter average	W	43.60	41.67	45.29	39.49
July	-	44.18	42.76	46.66	41.62
August	-	43.75	42.90	45.27	39.95
September	-	44.23	43.65	45.28	40.29
3rd quarter average	-	44.07	43.12	45.49	40.49
October	W	48.24	45.46	48.12	44.07
November	W	46.46	45.60	48.23	42.50
December	W	51.42	49.09	51.38	46.60
4th quarter average	W	48.94	47.02	49.34	44.56
2016	W	41.25	41.62	45.62	38.97
2017					
January	W	51.78	49.33	51.41	47.49
February	W	52.91	50.81	53.95	47.09
March	W	50.62	49.73	51.23	43.92
1st quarter average	W	51.58	49.90	52.17	46.25
April	W	50.42	49.05	51.78	46.49
May	W	48.91	48.31	51.28	W
June	W	47.76	47.55	50.19	43.21
2nd quarter average	W	49.17	48.28	51.22	45.96
July	W	48.58	47.13	W	W
August	-	W	50.62	W	W
September	W	55.51	54.39	W	W
3rd quarter average	W	52.15	50.96	W	W
October	-	W	58.14	W	W
November	-	62.41	60.95	W	W
December	W	63.85	61.88	66.30	W
4th quarter average	W	62.24	60.12	64.36	53.18
2017	W	53.27	51.60	52.68	47.38
2018					
January	W	65.72	62.32	W	W
February	W	R65.47	R64.58	R66.71	W
March	-	R64.50	R63.50	W	W
1st quarter average	W	R65.29	R63.46	R67.76	W
April	-	66.80	67.48	69.08	-

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - Effective January 2009, selected crude streams were discontinued and new crude steams were added for publication. - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2017 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report."

Prices of Petroleum Products

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state

dollars per gallon excluding taxes

	Regular			Midgrade			Premium			All grades		
	Sales to end users			Sales to end users			Sales to end users			Sales to end users		
Geographic area month	Through retail outlets	Other end users[a]	Sales for resale	Through retail outlets	Other end users[a]	Sales for resale	Through retail outlets	Other end users[a]	Sales for resale	Through retail outlets	Other end users[a]	Sales for resale
United States												
April 2018	2.241	2.116	2.010	2.585	2.240	2.214	2.787	NA	2.376	2.320	2.142	2.054
March 2018	2.080	1.964	1.846	2.419	2.149	2.047	2.649	NA	2.206	2.162	1.990	1.889
April 2017	1.925	1.842	1.680	2.210	NA	1.868	2.423	2.125	2.036	1.998	1.868	1.723
PAD District 1												
April 2018	2.113	NA	1.958	2.368	W	2.151	2.577	W	2.297	2.181	NA	2.000
March 2018	1.956	NA	1.790	2.214	W	1.974	2.422	W	2.118	2.023	NA	1.830
April 2017	1.795	1.687	1.619	2.045	NA	1.801	2.264	W	1.974	1.862	NA	1.663
Subdistrict 1A												
April 2018	W	W	1.980	W	-	2.098	W	-	2.260	W	W	2.017
March 2018	W	W	1.800	W	-	1.897	W	-	2.068	W	W	1.835
April 2017	W	-	1.650	W	-	1.790	W	-	1.963	W	-	1.689
Connecticut												
April 2018	-	W	1.982	-	-	2.112	-	-	2.294	-	W	2.028
March 2018	-	W	1.794	-	-	1.922	-	-	2.097	-	W	1.838
April 2017	-	-	1.658	-	-	1.793	-	-	1.996	-	-	1.705
Maine												
April 2018	-	-	2.031	-	-	W	-	-	2.323	-	-	2.050
March 2018	-	-	1.857	-	-	W	-	-	2.152	-	-	1.880
April 2017	-	-	1.661	-	-	W	-	-	1.971	-	-	1.679
Massachusetts												
April 2018	W	-	1.966	W	-	2.068	W	-	2.192	W	-	1.997
March 2018	W	-	1.799	W	-	1.878	W	-	2.014	W	-	1.829
April 2017	W	-	1.658	W	-	1.769	W	-	1.928	W	-	1.698
New Hampshire												
April 2018	W	-	W	W	-	-	W	-	W	W	-	W
March 2018	W	-	W	W	-	-	W	-	W	W	-	W
April 2017	W	-	W	W	-	-	W	-	W	W	-	W
Rhode Island												
April 2018	W	-	1.964	W	-	W	W	-	W	W	-	2.001
March 2018	W	-	1.780	W	-	W	W	-	W	W	-	1.811
April 2017	W	-	1.628	W	-	W	W	-	W	W	-	1.661
Vermont												
April 2018	-	-	1.971	-	-	W	-	-	2.274	-	-	W
March 2018	-	-	1.811	-	-	W	-	-	2.100	-	-	W
April 2017	-	-	1.613	-	-	W	-	-	1.868	-	-	W
Subdistrict 1B												
April 2018	2.144	W	1.954	2.378	-	2.083	2.567	-	2.216	2.218	W	1.987
March 2018	1.985	-	1.783	2.218	-	1.914	2.404	-	2.027	2.057	-	1.813
April 2017	1.808	-	1.614	2.045	-	1.761	2.248	-	1.905	1.886	-	1.653
Delaware												
April 2018	W	-	1.955	W	-	2.093	W	-	2.165	W	-	1.976
March 2018	W	-	1.780	W	-	1.895	W	-	1.967	W	-	1.798
April 2017	W	-	1.616	W	-	1.735	W	-	1.848	W	-	1.640
District of Columbia												
April 2018	-	-	-	-	-	-	-	-	-	-	-	-
March 2018	-	-	-	-	-	-	-	-	-	-	-	-
April 2017	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
April 2018	-	-	1.964	-	-	2.069	-	-	2.204	-	-	1.998
March 2018	-	-	1.822	-	-	1.913	-	-	2.020	-	-	1.851
April 2017	-	-	1.629	-	-	1.763	-	-	1.913	-	-	1.670
New Jersey												
April 2018	W	-	1.939	W	-	2.079	W	-	2.185	W	-	1.969
March 2018	W	-	1.758	W	-	1.893	W	-	1.984	W	-	1.785
April 2017	W	-	1.598	W	-	1.739	W	-	1.870	W	-	1.633
New York												
April 2018	2.166	W	1.972	2.382	-	2.194	2.568	-	2.279	2.239	W	2.021
March 2018	2.015	-	1.802	2.228	-	2.028	2.412	-	2.091	2.086	-	1.849
April 2017	1.839	-	1.637	2.070	-	1.857	2.273	-	1.962	1.919	-	1.689
Pennsylvania												
April 2018	W	-	1.948	W	-	2.041	W	-	2.181	W	-	1.970
March 2018	W	-	1.774	W	-	1.870	W	-	2.002	W	-	1.795
April 2017	W	-	1.601	W	-	1.740	W	-	1.875	W	-	1.634

See footnotes at end of table.

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)

dollars per gallon excluding taxes

	Regular			Midgrade			Premium			All grades		
	Sales to end users			Sales to end users			Sales to end users			Sales to end users		
Geographic area month	Through retail outlets	Other end users[a]	Sales for resale	Through retail outlets	Other end users[a]	Sales for resale	Through retail outlets	Other end users[a]	Sales for resale	Through retail outlets	Other end users[a]	Sales for resale
Subdistrict 1C												
April 2018	W	NA	1.958	W	W	2.174	W	W	2.355	W	NA	2.006
March 2018	W	NA	1.793	W	W	1.996	W	W	2.184	W	NA	1.840
April 2017	W	1.687	1.617	W	NA	1.815	W	W	2.020	W	NA	1.665
Florida												
April 2018	W	W	1.971	W	-	2.225	W	-	2.373	W	W	2.025
March 2018	W	W	1.817	W	-	2.059	W	W	2.211	W	W	1.871
April 2017	W	W	1.659	W	-	1.892	W	W	2.059	W	W	1.710
Georgia												
April 2018	W	W	1.945	W	-	2.122	W	-	2.361	W	W	1.994
March 2018	W	W	1.770	W	-	1.940	W	-	2.187	W	W	1.818
April 2017	W	W	1.585	W	-	1.753	W	-	2.014	W	W	1.633
North Carolina												
April 2018	W	W	1.943	W	-	2.182	W	W	2.355	W	W	1.991
March 2018	W	-	1.772	W	-	1.990	W	-	2.171	W	-	1.815
April 2017	W	W	1.579	W	-	1.801	W	-	1.993	W	W	1.625
South Carolina												
April 2018	W	W	1.944	W	W	2.214	W	W	2.359	W	W	1.986
March 2018	W	W	1.777	W	W	2.011	W	W	2.185	W	W	1.815
April 2017	W	-	1.589	W	NA	1.811	W	-	1.999	W	NA	1.628
Virginia												
April 2018	-	-	1.975	-	-	2.107	-	-	2.304	-	-	2.014
March 2018	-	-	1.812	-	-	1.941	-	-	2.128	-	-	1.851
April 2017	W	-	1.634	W	-	1.789	W	-	1.978	W	-	1.678
West Virginia												
April 2018	W	-	1.947	W	-	2.111	W	-	2.370	W	-	1.963
March 2018	W	W	1.785	W	-	1.920	W	-	2.211	W	W	1.799
April 2017	W	-	1.645	W	-	1.830	W	-	2.080	W	-	1.674
PAD District 2												
April 2018	W	1.987	1.914	2.392	W	2.043	W	2.333	2.277	W	2.009	1.944
March 2018	W	1.865	1.762	2.222	W	1.905	W	2.135	2.120	W	1.881	1.791
April 2017	W	1.795	1.634	2.117	W	1.766	W	W	2.000	W	1.828	1.664
Illinois												
April 2018	W	2.244	1.965	W	-	2.103	W	-	2.342	W	2.244	2.002
March 2018	W	1.898	1.773	W	-	1.924	W	-	2.149	W	1.898	1.810
April 2017	W	1.937	1.696	W	-	1.833	W	-	2.090	W	1.937	1.735
Indiana												
April 2018	W	W	1.909	W	-	2.103	W	W	2.328	W	W	1.940
March 2018	W	W	1.732	W	-	1.922	W	-	2.151	W	W	1.760
April 2017	W	W	1.648	W	-	1.856	W	-	2.031	W	W	1.675
Iowa												
April 2018	-	W	1.922	-	-	2.028	-	-	2.234	-	W	1.955
March 2018	-	W	1.807	-	-	1.906	-	-	2.069	-	W	1.837
April 2017	-	W	1.610	-	-	1.745	-	-	1.945	-	W	1.648
Kansas												
April 2018	W	W	1.873	W	W	1.973	-	-	2.116	W	W	1.894
March 2018	W	W	1.778	W	W	1.878	-	-	2.000	W	W	1.798
April 2017	W	W	1.573	W	W	1.703	-	-	1.823	W	W	1.593
Kentucky												
April 2018	W	W	1.962	W	-	2.146	W	W	2.370	W	W	1.987
March 2018	W	W	1.795	W	-	1.965	W	W	2.201	W	W	1.818
April 2017	W	W	1.670	W	-	1.830	W	W	2.098	W	W	1.697
Michigan												
April 2018	W	W	1.916	W	-	2.122	W	W	2.421	W	W	1.944
March 2018	W	W	1.732	W	-	1.954	W	W	2.234	W	W	1.760
April 2017	W	W	1.658	W	-	1.881	W	NA	2.146	W	W	1.686
Minnesota												
April 2018	W	W	1.830	W	W	1.897	W	W	2.052	W	W	1.849
March 2018	W	W	1.751	W	W	1.812	W	W	1.967	W	W	1.770
April 2017	W	W	1.597	W	W	1.665	W	-	1.791	W	W	1.614
Missouri												
April 2018	-	W	1.930	-	-	2.047	-	-	2.237	-	W	1.951
March 2018	-	W	1.803	-	-	1.921	-	-	2.100	-	W	1.824
April 2017	-	-	1.627	-	-	1.772	-	W	1.953	-	W	1.651

See footnotes at end of table.

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)

dollars per gallon excluding taxes

	Regular			Midgrade			Premium			All grades		
	Sales to end users			Sales to end users			Sales to end users			Sales to end users		
Geographic area month	Through retail outlets	Other end users[a]	Sales for resale	Through retail outlets	Other end users[a]	Sales for resale	Through retail outlets	Other end users[a]	Sales for resale	Through retail outlets	Other end users[a]	Sales for resale
PAD District 2 (cont.)												
Nebraska												
April 2018	W	W	1.924	W	-	2.053	-	-	2.205	W	W	1.953
March 2018	W	W	1.811	W	-	1.932	-	-	2.070	W	W	1.838
April 2017	W	W	1.610	W	-	1.768	W	-	1.919	W	W	1.643
North Dakota												
April 2018	W	W	1.958	W	W	2.064	W	W	2.351	W	W	1.993
March 2018	W	W	1.783	W	W	1.923	W	W	2.183	W	W	1.819
April 2017	W	W	1.615	W	W	1.742	W	W	1.933	W	W	1.644
Ohio												
April 2018	W	W	1.901	W	-	2.136	W	W	2.370	W	W	1.934
March 2018	W	W	1.725	W	-	1.948	W	W	2.195	W	W	1.757
April 2017	W	W	1.635	W	-	1.859	W	W	2.096	W	W	1.669
Oklahoma												
April 2018	W	W	1.914	W	-	2.081	W	-	2.160	W	W	1.945
March 2018	W	W	1.814	W	-	1.969	W	-	2.038	W	W	1.840
April 2017	W	W	1.600	W	-	1.734	W	-	1.840	W	W	1.624
South Dakota												
April 2018	W	W	1.885	W	W	1.958	W	W	2.217	W	W	1.914
March 2018	W	W	1.735	W	W	1.839	W	W	2.058	W	W	1.763
April 2017	W	W	1.624	W	W	1.736	W	-	1.974	W	W	1.657
Tennessee												
April 2018	W	W	1.928	W	-	2.089	W	W	2.289	W	W	1.961
March 2018	W	W	1.763	W	-	1.929	W	W	2.117	W	W	1.794
April 2017	W	W	1.585	W	-	1.752	W	W	1.962	W	W	1.618
Wisconsin												
April 2018	W	W	1.868	W	-	1.976	W	W	2.260	W	W	1.897
March 2018	W	W	1.763	W	-	1.890	W	W	2.143	W	W	1.791
April 2017	W	W	1.644	W	-	1.743	W	W	2.064	W	W	1.675
PAD District 3												
April 2018	2.227	1.992	1.948	2.463	-	2.103	2.681	W	2.238	2.282	2.036	1.975
March 2018	1.950	1.865	1.790	2.174	-	1.928	2.385	W	2.067	2.004	1.879	1.815
April 2017	1.887	1.734	1.627	2.095	-	1.785	W	W	1.922	1.937	1.779	1.656
Alabama												
April 2018	-	W	1.947	-	-	2.179	-	W	2.384	-	W	1.987
March 2018	-	W	1.771	-	-	1.971	-	W	2.204	-	W	1.806
April 2017	-	W	1.594	-	-	1.894	-	W	2.049	-	W	1.635
Arkansas												
April 2018	-	-	1.918	-	-	2.084	-	-	2.224	-	-	1.941
March 2018	-	-	1.790	-	-	1.956	-	-	2.103	-	-	1.814
April 2017	-	-	1.607	-	-	1.784	-	-	1.890	-	-	1.635
Louisiana												
April 2018	-	W	1.916	-	-	2.061	-	-	2.207	-	W	1.944
March 2018	-	W	1.761	-	-	1.902	-	-	2.003	-	W	1.782
April 2017	-	W	1.604	-	-	1.715	-	-	1.947	-	W	1.632
Mississippi												
April 2018	-	-	1.937	-	-	2.116	-	-	2.365	-	-	1.963
March 2018	-	-	1.787	-	-	1.983	-	-	2.177	-	-	1.811
April 2017	-	-	1.607	-	-	1.778	-	-	1.828	-	-	1.634
New Mexico												
April 2018	2.259	W	2.080	2.435	-	2.228	W	W	2.415	2.310	W	2.119
March 2018	1.984	W	1.848	2.166	-	1.985	W	W	2.198	2.037	W	1.890
April 2017	W	W	1.716	2.110	-	1.879	2.277	W	2.024	1.988	W	1.755
Texas												
April 2018	W	W	1.952	W	-	2.079	W	-	2.214	W	W	1.977
March 2018	W	W	1.797	W	-	1.908	W	-	2.050	W	W	1.820
April 2017	W	W	1.635	W	-	1.763	W	W	1.918	W	W	1.662

See footnotes at end of table.

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)

dollars per gallon excluding taxes

	Regular			Midgrade			Premium			All grades		
	Sales to end users			Sales to end users			Sales to end users			Sales to end users		
Geographic area month	Through retail outlets	Other end users[a]	Sales for resale	Through retail outlets	Other end users[a]	Sales for resale	Through retail outlets	Other end users[a]	Sales for resale	Through retail outlets	Other end users[a]	Sales for resale
PAD District 4												
April 2018	W	2.210	2.081	2.399	W	2.269	2.688	W	2.428	W	2.265	2.142
March 2018	W	1.929	1.798	2.251	W	1.980	2.533	W	2.128	W	1.990	1.859
April 2017	W	1.811	1.680	W	W	1.852	2.388	W	2.012	W	1.848	1.740
Colorado												
April 2018	W	NA	1.959	2.447	W	2.086	W	W	2.343	2.312	NA	2.026
March 2018	W	2.017	1.802	2.269	W	1.929	W	W	2.191	2.130	2.043	1.871
April 2017	1.917	W	1.690	2.183	W	1.850	2.482	W	2.086	2.053	1.946	1.759
Idaho												
April 2018	W	W	2.298	W	W	2.421	W	W	2.538	W	W	2.333
March 2018	W	W	1.885	W	W	2.044	W	W	2.127	W	W	1.921
April 2017	W	W	1.722	W	W	1.847	W	NA	1.965	W	W	1.756
Montana												
April 2018	W	W	1.949	W	W	W	W	W	2.415	W	W	2.024
March 2018	W	W	1.817	W	W	W	W	NA	2.289	W	W	1.896
April 2017	W	W	1.686	W	W	1.838	W	W	2.144	W	W	1.767
Utah												
April 2018	W	W	2.307	NA	W	2.476	NA	-	2.555	W	W	2.360
March 2018	W	W	1.775	W	W	2.038	W	-	2.014	W	W	1.832
April 2017	W	W	1.662	W	NA	1.883	W	W	1.900	W	W	1.717
Wyoming												
April 2018	W	W	1.919	W	-	1.972	W	-	W	W	W	1.970
March 2018	W	W	1.690	W	-	1.829	W	-	W	W	W	1.745
April 2017	W	W	1.602	W	-	1.746	W	-	1.982	W	W	1.654
PAD District 5												
April 2018	2.660	2.455	2.308	2.913	NA	2.488	3.007	2.692	2.579	2.747	2.477	2.360
March 2018	2.557	2.253	2.148	2.762	W	2.346	2.903	2.502	2.434	2.640	2.281	2.202
April 2017	2.284	2.024	1.906	2.432	NA	2.085	2.571	2.211	2.186	2.355	2.039	1.958
Alaska												
April 2018	W	W	W	W	-	W	W	W	2.658	W	W	W
March 2018	W	W	W	W	-	W	W	W	2.549	W	W	W
April 2017	W	W	W	W	W	W	W	W	2.435	W	W	W
Arizona												
April 2018	W	W	2.164	W	W	2.366	W	W	2.398	W	W	2.193
March 2018	W	W	1.952	W	W	2.126	W	W	2.173	W	W	1.980
April 2017	W	W	1.719	W	W	1.876	W	W	1.973	W	W	1.752
California												
April 2018	2.709	NA	2.399	2.953	W	2.532	3.027	-	2.637	2.799	NA	2.450
March 2018	2.635	W	2.253	2.812	W	2.404	2.936	-	2.514	2.715	W	2.308
April 2017	2.325	2.033	1.967	2.457	W	2.124	W	-	2.238	2.396	2.047	2.023
Hawaii												
April 2018	W	W	W	W	W	W	W	W	W	W	W	W
March 2018	W	W	W	W	W	W	W	W	W	W	W	W
April 2017	W	W	W	W	W	W	W	W	W	W	W	W
Nevada												
April 2018	W	W	2.241	NA	-	2.395	NA	-	2.466	W	W	2.290
March 2018	W	W	2.009	W	-	2.145	W	-	2.227	W	W	2.055
April 2017	W	W	1.798	W	-	1.918	W	W	2.012	W	W	1.844
Oregon												
April 2018	2.605	-	2.202	2.791	-	2.391	2.900	-	2.477	2.650	-	2.236
March 2018	2.461	-	2.063	2.656	-	2.257	2.775	-	2.336	2.508	-	2.097
April 2017	2.320	-	1.866	2.473	-	2.040	2.592	-	2.118	2.362	-	1.899
Washington												
April 2018	2.433	W	2.164	2.686	W	2.378	2.814	W	2.482	2.495	W	2.215
March 2018	2.288	W	2.013	2.503	W	2.236	2.648	W	2.335	2.347	W	2.065
April 2017	2.158	W	1.830	2.345	W	2.043	2.472	W	2.140	2.212	W	1.878

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Sales to "other end users" are all end-user sales that were not made through company-operated retail outlets, e.g., sales to agricultural customers or utilities.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2017 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
April 2018	W	3.085	2.081	2.031	W	2.075
March 2018	W	2.904	1.924	1.893	W	1.969
April 2017	W	2.724	1.595	1.545	W	1.572
PAD District 1						
April 2018	W	3.103	2.074	2.076	W	2.264
March 2018	W	2.951	1.911	1.913	W	2.156
April 2017	-	2.760	1.595	1.561	W	1.725
Subdistrict 1A						
April 2018	W	W	2.166	2.112	W	-
March 2018	-	W	1.994	1.924	W	-
April 2017	-	W	1.670	1.621	W	-
Connecticut						
April 2018	-	-	W	W	-	-
March 2018	-	-	W	W	-	-
April 2017	-	-	W	W	-	-
Maine						
April 2018	W	W	W	W	-	-
March 2018	-	W	W	W	-	-
April 2017	-	W	W	W	-	-
Massachusetts						
April 2018	-	-	W	2.109	W	-
March 2018	-	-	1.953	1.919	W	-
April 2017	-	-	W	1.617	W	-
New Hampshire						
April 2018	-	-	W	W	W	-
March 2018	-	-	W	W	W	-
April 2017	-	-	W	W	W	-
Rhode Island						
April 2018	-	-	W	W	W	-
March 2018	-	-	W	W	W	-
April 2017	-	-	W	W	W	-
Vermont						
April 2018	-	-	W	W	-	-
March 2018	-	-	W	W	-	-
April 2017	-	-	W	W	-	-
Subdistrict 1B						
April 2018	W	3.226	2.079	2.065	3.102	2.243
March 2018	-	W	1.908	1.899	W	2.138
April 2017	-	2.858	1.578	1.539	W	1.711
Delaware						
April 2018	-	-	-	W	W	-
March 2018	-	-	-	-	W	-
April 2017	-	-	-	W	W	-
District of Columbia						
April 2018	-	-	-	-	-	-
March 2018	-	-	-	-	-	-
April 2017	-	-	-	-	-	-
Maryland						
April 2018	-	-	W	2.017	-	W
March 2018	-	-	W	1.898	-	W
April 2017	-	-	W	1.564	-	W
New Jersey						
April 2018	-	W	2.075	2.042	W	W
March 2018	-	-	1.890	1.900	W	2.084
April 2017	-	W	1.572	1.542	W	W
New York						
April 2018	-	W	2.088	2.131	W	2.264
March 2018	-	W	1.932	1.964	W	2.190
April 2017	-	W	W	1.607	W	W
Pennsylvania						
April 2018	W	W	W	2.100	3.210	3.038
March 2018	-	W	W	1.893	W	2.939
April 2017	-	W	W	W	W	W

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
April 2018	W	3.068	2.065	2.089	W	W
March 2018	W	2.909	1.907	1.942	W	W
April 2017	-	2.734	1.600	1.591	W	W
Florida						
April 2018	W	3.015	2.073	2.094	W	-
March 2018	-	2.856	1.910	1.948	W	NA
April 2017	-	2.683	W	1.590	W	-
Georgia						
April 2018	W	W	W	2.054	-	W
March 2018	W	W	W	1.925	-	W
April 2017	-	W	W	1.600	-	W
North Carolina						
April 2018	-	W	W	W	W	W
March 2018	-	W	W	1.911	W	W
April 2017	-	W	W	1.596	W	W
South Carolina						
April 2018	-	-	W	2.067	W	W
March 2018	-	-	W	1.929	W	W
April 2017	-	-	W	1.578	W	W
Virginia						
April 2018	-	W	2.032	W	-	-
March 2018	-	W	1.886	W	-	-
April 2017	-	W	1.553	W	-	W
West Virginia						
April 2018	-	-	W	W	W	-
March 2018	-	-	W	W	W	-
April 2017	-	-	W	W	W	-
PAD District 2						
April 2018	W	3.089	2.037	2.062	W	2.792
March 2018	W	2.869	1.900	1.908	W	2.620
April 2017	W	2.724	1.574	1.555	W	NA
Illinois						
April 2018	W	W	2.017	W	W	W
March 2018	W	W	1.898	W	W	W
April 2017	-	W	1.595	W	W	W
Indiana						
April 2018	-	-	2.009	2.046	W	W
March 2018	-	-	1.876	1.907	W	2.806
April 2017	-	-	NA	1.583	W	W
Iowa						
April 2018	-	-	W	2.122	-	-
March 2018	-	-	W	1.963	-	-
April 2017	-	-	W	1.627	-	-
Kansas						
April 2018	W	W	W	W	-	W
March 2018	W	W	W	W	-	W
April 2017	W	W	W	W	-	W
Kentucky						
April 2018	W	W	2.030	W	W	W
March 2018	-	W	1.894	1.883	W	W
April 2017	-	W	W	1.561	W	W
Michigan						
April 2018	W	-	W	2.007	W	W
March 2018	W	-	1.915	1.873	W	W
April 2017	-	-	W	1.539	W	W
Minnesota						
April 2018	-	W	W	W	NA	W
March 2018	-	W	W	W	W	W
April 2017	-	W	W	W	W	W
Missouri						
April 2018	W	W	W	W	-	-
March 2018	W	-	W	W	-	-
April 2017	W	-	W	W	-	-

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
April 2018	W	-	W	W	-	-
March 2018	W	-	W	W	-	-
April 2017	W	-	W	W	-	-
North Dakota						
April 2018	-	-	W	W	W	-
March 2018	-	-	W	W	-	-
April 2017	-	-	W	W	-	-
Ohio						
April 2018	-	W	2.090	2.015	W	W
March 2018	W	W	1.924	1.866	W	W
April 2017	W	-	1.596	1.534	W	W
Oklahoma						
April 2018	W	-	W	2.104	-	W
March 2018	W	-	W	1.945	-	W
April 2017	W	-	W	1.535	-	W
South Dakota						
April 2018	-	-	W	-	-	-
March 2018	-	-	W	-	-	-
April 2017	W	-	W	-	-	-
Tennessee						
April 2018	W	W	W	2.055	W	W
March 2018	-	W	W	1.917	W	W
April 2017	-	W	W	1.569	W	W
Wisconsin						
April 2018	-	-	W	W	W	W
March 2018	-	-	W	W	W	W
April 2017	-	-	W	W	W	W
PAD District 3						
April 2018	W	2.872	2.073	1.976	-	W
March 2018	W	2.709	1.894	1.857	-	1.879
April 2017	W	2.514	1.594	1.515	-	W
Alabama						
April 2018	W	W	NA	2.051	-	W
March 2018	-	W	1.920	1.910	-	W
April 2017	-	W	1.562	1.588	-	W
Arkansas						
April 2018	W	W	W	W	-	-
March 2018	W	-	W	1.993	-	-
April 2017	W	W	W	W	-	-
Louisiana						
April 2018	-	2.877	2.037	1.960	-	W
March 2018	-	2.692	1.881	1.848	-	W
April 2017	-	2.606	1.568	1.500	-	W
Mississippi						
April 2018	-	W	W	1.943	-	W
March 2018	-	W	NA	1.854	-	W
April 2017	-	W	1.529	1.521	-	-
New Mexico						
April 2018	W	-	W	W	-	-
March 2018	W	-	W	W	-	-
April 2017	W	-	W	W	-	-
Texas						
April 2018	W	W	2.088	1.987	-	W
March 2018	W	W	1.901	1.860	-	W
April 2017	W	2.506	1.622	1.521	-	W

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
April 2018	W	W	2.125	2.092	NA	-
March 2018	W	W	1.982	1.953	-	-
April 2017	W	W	1.640	1.596	-	-
Colorado						
April 2018	W	-	W	2.069	-	-
March 2018	W	-	1.923	1.936	-	-
April 2017	W	-	W	1.575	-	-
Idaho						
April 2018	-	-	W	2.253	NA	-
March 2018	-	-	W	2.088	-	-
April 2017	-	-	W	1.755	-	-
Montana						
April 2018	W	W	W	W	-	-
March 2018	-	W	W	W	-	-
April 2017	W	W	W	W	-	-
Utah						
April 2018	W	W	2.126	NA	-	-
March 2018	W	W	1.972	1.982	-	-
April 2017	W	W	1.628	1.619	-	-
Wyoming						
April 2018	-	-	W	W	-	-
March 2018	-	-	W	W	-	-
April 2017	-	-	W	1.608	-	-
PAD District 5						
April 2018	W	3.182	2.106	2.092	W	W
March 2018	W	3.238	1.952	1.934	NA	W
April 2017	W	2.963	1.602	1.593	W	W
Alaska						
April 2018	W	W	W	W	-	-
March 2018	W	W	W	W	-	-
April 2017	W	W	W	W	-	-
Arizona						
April 2018	W	W	2.172	2.133	-	-
March 2018	W	W	2.000	1.973	-	-
April 2017	W	W	1.640	1.633	-	-
California						
April 2018	-	W	2.096	2.081	-	W
March 2018	-	3.194	1.933	1.919	-	W
April 2017	-	2.914	1.588	1.584	-	W
Hawaii						
April 2018	-	W	W	W	-	-
March 2018	-	W	W	W	-	-
April 2017	-	W	W	W	-	-
Nevada						
April 2018	-	-	W	W	-	-
March 2018	-	-	W	W	-	-
April 2017	-	-	W	W	-	-
Oregon						
April 2018	-	3.377	W	2.126	-	-
March 2018	-	W	W	W	-	-
April 2017	-	2.960	1.636	1.634	-	-
Washington						
April 2018	-	W	2.099	2.122	W	-
March 2018	-	W	1.949	1.938	NA	-
April 2017	-	W	1.580	1.588	W	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2017 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 33. Refiner prices of distillate fuels by PAD District and state

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
April 2018	W	2.414	2.205	2.093	-	W
March 2018	2.566	2.209	2.078	1.946	-	W
April 2017	W	1.953	1.748	1.620	W	W
PAD District 1						
April 2018	-	W	2.291	2.073	-	-
March 2018	-	2.298	2.162	1.936	-	-
April 2017	-	W	1.820	1.602	-	-
Subdistrict 1A						
April 2018	-	-	W	2.095	-	-
March 2018	-	-	W	1.946	-	-
April 2017	-	W	1.954	1.640	-	-
Connecticut						
April 2018	-	-	W	2.091	-	-
March 2018	-	-	W	1.938	-	-
April 2017	-	-	W	1.619	-	-
Maine						
April 2018	-	-	-	W	-	-
March 2018	-	-	-	W	-	-
April 2017	-	W	-	1.646	-	-
Massachusetts						
April 2018	-	-	W	2.085	-	-
March 2018	-	-	W	1.944	-	-
April 2017	-	-	W	1.650	-	-
New Hampshire						
April 2018	-	-	W	W	-	-
March 2018	-	-	W	W	-	-
April 2017	-	W	W	W	-	-
Rhode Island						
April 2018	-	-	W	2.088	-	-
March 2018	-	-	W	1.936	-	-
April 2017	-	-	W	W	-	-
Vermont						
April 2018	-	-	W	W	-	-
March 2018	-	-	W	W	-	-
April 2017	-	W	W	W	-	-
Subdistrict 1B						
April 2018	-	W	W	2.047	-	-
March 2018	-	W	W	1.912	-	-
April 2017	-	W	1.843	1.577	-	-
Delaware						
April 2018	-	-	W	W	-	-
March 2018	-	-	W	1.904	-	-
April 2017	-	-	1.837	1.583	-	-
District of Columbia						
April 2018	-	-	-	W	-	-
March 2018	-	-	-	W	-	-
April 2017	-	-	-	W	-	-
Maryland						
April 2018	-	-	-	2.062	-	-
March 2018	-	-	W	1.914	-	-
April 2017	-	-	W	1.604	-	-
New Jersey						
April 2018	-	-	2.272	2.031	-	-
March 2018	-	-	2.175	1.908	-	-
April 2017	-	-	1.806	1.567	-	-
New York						
April 2018	-	W	2.413	2.111	-	-
March 2018	-	W	2.334	1.968	-	-
April 2017	-	W	1.963	1.622	-	-
Pennsylvania						
April 2018	-	W	2.248	2.051	-	-
March 2018	-	W	2.154	1.898	-	-
April 2017	-	-	1.784	1.575	-	-

See footnotes at end of table.

Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
April 2018	-	W	2.278	2.103	-	-
March 2018	-	W	2.129	1.960	-	-
April 2017	-	W	1.799	1.628	-	-
Florida						
April 2018	-	-	2.296	2.142	-	-
March 2018	-	-	2.142	2.000	-	-
April 2017	-	-	1.787	1.663	-	-
Georgia						
April 2018	-	W	2.087	2.089	-	-
March 2018	-	W	1.956	1.944	-	-
April 2017	-	W	1.638	1.613	-	-
North Carolina						
April 2018	-	-	2.331	2.079	-	-
March 2018	-	-	2.183	1.933	-	-
April 2017	-	-	1.799	1.597	-	-
South Carolina						
April 2018	-	-	W	2.085	-	-
March 2018	-	-	W	1.941	-	-
April 2017	-	-	W	1.616	-	-
Virginia						
April 2018	-	-	2.084	2.075	-	-
March 2018	-	-	1.938	1.934	-	-
April 2017	-	-	1.730	1.610	-	-
West Virginia						
April 2018	-	-	W	2.111	-	-
March 2018	-	-	W	1.944	-	-
April 2017	-	-	W	1.665	-	-
PAD District 2						
April 2018	2.518	2.295	2.181	2.083	-	-
March 2018	2.473	2.149	2.070	1.940	-	W
April 2017	2.070	1.917	1.731	1.629	-	W
Illinois						
April 2018	W	2.603	W	2.042	-	-
March 2018	W	W	W	1.885	-	-
April 2017	W	W	W	1.588	-	-
Indiana						
April 2018	-	W	W	2.035	-	-
March 2018	-	W	W	1.895	-	-
April 2017	-	W	W	1.604	-	-
Iowa						
April 2018	-	2.243	2.152	2.129	-	-
March 2018	-	2.113	2.041	2.002	-	-
April 2017	-	1.794	1.735	1.678	-	-
Kansas						
April 2018	-	2.159	2.065	2.086	-	-
March 2018	-	2.075	W	1.978	-	-
April 2017	-	W	W	1.633	-	-
Kentucky						
April 2018	-	W	W	2.117	-	-
March 2018	W	W	W	1.945	-	W
April 2017	-	W	W	1.650	-	W
Michigan						
April 2018	W	W	W	2.084	-	-
March 2018	W	W	W	1.910	-	-
April 2017	W	W	W	1.589	-	-
Minnesota						
April 2018	W	2.168	2.180	2.108	-	-
March 2018	W	2.068	2.100	1.992	-	-
April 2017	W	1.742	1.746	1.686	-	-
Missouri						
April 2018	W	W	W	2.111	-	-
March 2018	-	2.128	W	1.984	-	-
April 2017	W	1.776	1.662	1.653	-	-

See footnotes at end of table.

Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
April 2018	W	2.254	W	2.132	-	-
March 2018	W	2.104	W	2.012	-	-
April 2017	W	1.817	W	1.679	-	-
North Dakota						
April 2018	W	2.203	W	2.194	-	-
March 2018	W	2.056	W	1.980	-	-
April 2017	-	1.806	W	1.715	-	-
Ohio						
April 2018	-	W	W	2.066	-	-
March 2018	-	W	W	1.903	-	-
April 2017	-	W	1.765	1.615	-	-
Oklahoma						
April 2018	-	W	2.079	2.069	-	-
March 2018	-	W	NA	1.969	-	-
April 2017	-	W	W	1.611	-	-
South Dakota						
April 2018	W	2.261	W	2.168	-	-
March 2018	W	2.154	W	2.035	-	-
April 2017	W	1.820	W	1.710	-	-
Tennessee						
April 2018	-	W	2.220	2.094	-	-
March 2018	-	W	2.101	1.950	-	-
April 2017	-	-	1.759	1.623	-	-
Wisconsin						
April 2018	W	2.194	2.361	2.088	-	-
March 2018	W	2.109	2.253	1.932	-	-
April 2017	W	W	1.790	1.647	-	-
PAD District 3						
April 2018	-	-	2.093	2.027	-	W
March 2018	-	-	1.966	1.905	-	W
April 2017	-	-	1.653	1.570	-	W
Alabama						
April 2018	-	-	2.122	2.071	-	-
March 2018	-	-	1.966	1.934	-	-
April 2017	-	-	1.650	1.600	-	-
Arkansas						
April 2018	-	-	W	2.092	-	-
March 2018	-	-	W	1.960	-	-
April 2017	-	-	W	1.635	-	-
Louisiana						
April 2018	-	-	2.173	1.967	-	-
March 2018	-	-	2.030	1.880	-	-
April 2017	-	-	1.699	1.530	-	-
Mississippi						
April 2018	-	-	W	2.001	-	-
March 2018	-	-	W	1.860	-	-
April 2017	-	-	W	1.587	-	-
New Mexico						
April 2018	-	-	2.182	2.227	-	-
March 2018	-	-	2.069	2.067	-	-
April 2017	-	-	1.775	1.703	-	-
Texas						
April 2018	-	-	2.070	2.051	-	W
March 2018	-	-	1.947	1.910	-	W
April 2017	-	-	1.630	1.575	-	W

See footnotes at end of table.

Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
April 2018	W	2.442	NA	2.299	-	-
March 2018	W	2.254	2.065	2.041	-	-
April 2017	W	2.078	1.762	1.757	W	-
Colorado						
April 2018	-	2.411	2.208	2.179	-	-
March 2018	-	2.239	2.066	2.015	-	-
April 2017	-	1.964	1.746	1.710	-	-
Idaho						
April 2018	NA	2.494	2.489	2.436	-	-
March 2018	W	2.324	2.262	2.036	-	-
April 2017	W	2.279	NA	1.812	-	-
Montana						
April 2018	W	2.307	2.376	2.204	-	-
March 2018	W	2.138	W	2.001	-	-
April 2017	W	2.036	1.808	1.771	-	-
Utah						
April 2018	-	W	NA	2.489	-	-
March 2018	-	W	2.055	2.083	-	-
April 2017	-	2.300	1.786	1.782	W	-
Wyoming						
April 2018	-	2.598	2.136	2.262	-	-
March 2018	NA	2.347	1.997	2.058	-	-
April 2017	-	2.140	NA	1.755	-	-
PAD District 5						
April 2018	W	2.524	2.315	2.271	-	-
March 2018	W	2.303	2.182	2.074	-	-
April 2017	W	1.941	1.829	1.719	-	-
Alaska						
April 2018	W	W	W	W	-	-
March 2018	W	W	W	W	-	-
April 2017	W	W	W	W	-	-
Arizona						
April 2018	-	-	2.220	2.248	-	-
March 2018	-	-	2.100	2.055	-	-
April 2017	-	-	NA	1.699	-	-
California						
April 2018	-	-	2.377	2.264	-	-
March 2018	-	-	2.201	2.078	-	-
April 2017	-	-	1.790	1.720	-	-
Hawaii						
April 2018	-	-	W	W	-	-
March 2018	-	-	W	W	-	-
April 2017	-	-	W	W	-	-
Nevada						
April 2018	-	-	W	2.230	-	-
March 2018	-	-	2.190	2.047	-	-
April 2017	-	-	1.835	1.692	-	-
Oregon						
April 2018	-	NA	NA	2.320	-	-
March 2018	-	NA	NA	2.108	-	-
April 2017	-	W	1.968	1.710	-	-
Washington						
April 2018	W	W	2.373	2.288	-	-
March 2018	W	W	2.150	2.052	-	-
April 2017	W	W	1.862	1.715	-	-

- = No data reported.
NA = Not available.
W = Withheld to avoid disclosure of individual company data.
[a] Includes sales of No. 2 fuel oil and diesel fuels.
[b] Includes No. 4 fuel oil and No. 4 diesel fuel.
Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2017 are final.
Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report."

Volume of Petroleum Products

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state

thousand gallons per day

	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States										
April 2018	19,557.0	19,805.1	17,500.3	230,994.1	20,554.9	1,676.7	1,688.1	253.0	1,872.5	-
March 2018	19,741.8	20,000.0	17,348.3	231,319.8	20,368.6	1,669.8	1,685.3	248.5	1,828.0	-
April 2017	19,836.2	20,041.6	17,484.2	229,099.7	18,424.2	1,707.9	1,730.0	280.8	2,146.9	-
PAD District 1										
April 2018	6,268.8	6,308.9	W	W	4,006.3	566.7	569.0	W	W	-
March 2018	6,321.4	6,358.3	W	W	3,777.5	563.8	566.7	W	W	-
April 2017	6,617.2	6,627.3	W	W	1,335.9	576.5	586.6	W	W	-
Subdistrict 1A										
April 2018	W	W	W	W	W	W	W	-	29.6	-
March 2018	W	W	W	W	W	W	W	-	28.5	-
April 2017	W	W	W	W	W	W	W	-	33.9	-
Connecticut										
April 2018	-	W	W	2,147.2	W	-	-	-	11.5	-
March 2018	-	W	-	W	W	-	-	-	11.6	-
April 2017	-	-	W	W	W	-	-	-	17.1	-
Maine										
April 2018	-	-	-	W	-	-	-	-	W	-
March 2018	-	-	W	561.1	-	-	-	-	W	-
April 2017	-	-	-	W	-	-	-	-	W	-
Massachusetts										
April 2018	W	W	-	989.9	-	W	W	-	5.0	-
March 2018	W	W	-	1,001.1	-	W	W	-	4.7	-
April 2017	W	W	W	W	-	W	W	-	4.6	-
New Hampshire										
April 2018	W	W	W	W	-	W	W	-	-	-
March 2018	W	W	W	W	-	W	W	-	-	-
April 2017	W	W	W	W	-	W	W	-	-	-
Rhode Island										
April 2018	W	W	-	908.1	-	W	W	-	W	-
March 2018	W	W	-	985.8	-	W	W	-	W	-
April 2017	W	W	W	731.4	W	W	W	-	W	-
Vermont										
April 2018	-	-	W	W	-	-	-	-	W	-
March 2018	-	-	W	W	-	-	-	-	W	-
April 2017	-	-	W	W	-	-	-	-	W	-
Subdistrict 1B										
April 2018	3,135.2	3,135.3	W	21,007.0	W	336.3	336.3	W	W	-
March 2018	3,153.5	3,153.5	W	20,863.9	W	335.6	335.6	W	W	-
April 2017	3,095.4	3,095.4	W	20,609.4	W	332.2	332.2	W	W	-
Delaware										
April 2018	W	W	-	990.8	-	W	W	-	8.7	-
March 2018	W	W	-	1,091.9	-	W	W	-	10.0	-
April 2017	W	W	-	1,000.3	-	W	W	-	11.3	-
District of Columbia										
April 2018	-	-	-	-	-	-	-	-	-	-
March 2018	-	-	-	-	-	-	-	-	-	-
April 2017	-	-	-	-	-	-	-	-	-	-
Maryland										
April 2018	-	-	-	4,037.6	-	-	-	-	54.5	-
March 2018	-	-	-	W	W	-	-	-	46.7	-
April 2017	-	-	W	W	W	-	-	-	67.8	-
New Jersey										
April 2018	W	W	W	6,505.5	W	W	W	W	W	-
March 2018	W	W	W	W	1,076.6	W	W	W	W	-
April 2017	W	W	W	6,493.1	W	W	W	W	W	-
New York										
April 2018	1,911.9	1,912.0	W	W	W	215.5	215.5	W	W	-
March 2018	1,917.2	1,917.2	W	W	W	214.8	214.8	W	W	-
April 2017	1,867.7	1,867.7	W	4,632.5	W	207.5	207.5	W	W	-
Pennsylvania										
April 2018	W	W	-	W	W	W	W	-	22.4	-
March 2018	W	W	-	W	W	W	W	-	23.0	-
April 2017	W	W	-	W	W	W	W	-	28.1	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

thousand gallons per day

	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States										
April 2018	2,381.8	2,404.1	4,851.0	28,665.8	2,242.9	23,615.5	23,897.3	22,604.3	261,532.3	22,797.8
March 2018	2,434.9	2,457.4	4,700.3	28,748.1	1,712.3	23,846.6	24,142.7	22,297.1	261,895.9	22,080.9
April 2017	2,541.5	2,558.9	4,932.6	28,499.7	2,052.4	24,085.6	24,330.4	22,697.7	259,746.3	20,476.7
PAD District 1										
April 2018	793.2	798.9	W	9,277.5	W	7,628.7	7,676.8	W	77,693.1	W
March 2018	799.9	805.7	W	9,092.7	W	7,685.2	7,730.7	W	77,514.9	W
April 2017	840.2	840.3	W	8,793.0	W	8,033.9	8,054.2	W	75,679.4	W
Subdistrict 1A										
April 2018	W	W	W	W	W	W	W	W	5,450.1	W
March 2018	W	W	W	W	W	W	W	W	5,454.3	W
April 2017	W	W	W	W	-	W	W	W	W	W
Connecticut										
April 2018	-	-	W	376.1	W	-	W	W	2,534.8	W
March 2018	-	-	-	W	W	-	W	-	W	W
April 2017	-	-	W	W	-	-	-	W	2,438.4	W
Maine										
April 2018	-	-	W	W	-	-	-	W	W	-
March 2018	-	-	W	W	-	-	-	W	W	-
April 2017	-	-	W	W	-	-	-	W	W	-
Massachusetts										
April 2018	W	W	-	156.4	-	W	W	-	1,151.3	-
March 2018	W	W	-	157.6	-	W	W	-	1,163.4	-
April 2017	W	W	W	W	-	W	W	W	W	-
New Hampshire										
April 2018	W	W	W	W	-	W	W	W	W	-
March 2018	W	W	W	W	-	W	W	W	W	-
April 2017	W	W	W	W	-	W	W	W	W	-
Rhode Island										
April 2018	W	W	-	W	-	W	W	-	1,063.3	-
March 2018	W	W	-	W	-	W	W	-	1,137.5	-
April 2017	W	W	W	W	-	W	W	W	869.0	W
Vermont										
April 2018	-	-	W	W	-	-	-	W	W	-
March 2018	-	-	W	W	-	-	-	W	W	-
April 2017	-	-	W	W	-	-	-	W	71.6	-
Subdistrict 1B										
April 2018	505.2	505.2	W	W	W	3,976.7	3,976.8	W	24,090.8	W
March 2018	507.2	507.2	W	W	327.1	3,996.3	3,996.3	W	23,848.7	W
April 2017	521.4	521.4	W	W	W	3,949.0	3,949.0	W	23,569.4	W
Delaware										
April 2018	W	W	-	102.3	-	W	W	-	1,101.8	-
March 2018	W	W	-	109.1	-	W	W	-	1,211.0	-
April 2017	W	W	-	108.3	-	W	W	-	1,119.9	-
District of Columbia										
April 2018	-	-	-	-	-	-	-	-	-	-
March 2018	-	-	-	-	-	-	-	-	-	-
April 2017	-	-	-	-	-	-	-	-	-	-
Maryland										
April 2018	-	-	-	661.1	-	-	-	-	4,753.2	-
March 2018	-	-	-	593.5	-	-	-	-	W	W
April 2017	-	-	-	W	W	-	-	W	4,194.2	W
New Jersey										
April 2018	W	W	W	936.0	W	W	W	W	W	898.8
March 2018	W	W	W	900.7	W	W	W	W	7,320.4	W
April 2017	W	W	W	944.1	W	W	W	W	W	288.8
New York										
April 2018	325.9	325.9	W	W	W	2,453.3	2,453.4	W	5,798.0	W
March 2018	327.4	327.4	W	780.8	W	2,459.4	2,459.4	W	5,706.0	W
April 2017	331.1	331.1	W	W	W	2,406.3	2,406.3	W	5,388.7	W
Pennsylvania										
April 2018	W	W	-	W	W	W	W	-	W	W
March 2018	W	W	-	W	W	W	W	-	W	W
April 2017	W	W	-	W	W	W	W	-	W	W

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

thousand gallons per day

	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C										
April 2018	W	W	-	W	W	W	W	-	469.2	-
March 2018	W	W	-	42,253.4	270.3	W	W	-	447.2	-
April 2017	W	W	-	W	W	W	W	-	484.9	-
Florida										
April 2018	W	W	-	13,873.3	-	W	W	-	130.3	-
March 2018	W	W	-	13,966.5	-	W	W	-	135.6	-
April 2017	W	W	-	14,067.9	-	W	W	-	117.8	-
Georgia										
April 2018	W	W	-	W	W	W	W	-	63.9	-
March 2018	W	W	-	8,295.0	-	W	W	-	59.1	-
April 2017	W	W	-	7,894.3	-	W	W	-	68.2	-
North Carolina										
April 2018	W	W	-	W	W	W	W	-	136.8	-
March 2018	W	W	-	W	W	W	W	-	120.6	-
April 2017	W	W	-	W	W	W	W	-	143.6	-
South Carolina										
April 2018	W	W	-	4,157.6	-	W	W	-	44.8	-
March 2018	W	W	-	4,207.9	-	W	W	-	38.8	-
April 2017	W	W	-	W	W	W	W	-	44.7	-
Virginia										
April 2018	-	-	-	W	W	-	-	-	86.1	-
March 2018	-	-	-	W	W	-	-	-	86.3	-
April 2017	W	W	-	6,236.9	-	W	W	-	104.2	-
West Virginia										
April 2018	W	W	-	W	W	W	W	-	7.2	-
March 2018	W	W	-	W	W	W	W	-	6.7	-
April 2017	W	W	-	506.7	-	W	W	-	6.5	-
PAD District 2										
April 2018	W	W	NA	74,826.4	706.7	311.7	316.3	NA	515.4	-
March 2018	W	W	W	W	649.6	313.8	317.5	W	W	-
April 2017	W	W	W	W	1,053.0	325.9	331.3	W	W	-
Illinois										
April 2018	W	W	-	W	W	W	W	-	76.3	-
March 2018	W	W	-	W	W	W	W	-	83.2	-
April 2017	W	W	-	W	W	W	W	-	94.0	-
Indiana										
April 2018	W	W	-	5,632.6	-	W	W	-	24.4	-
March 2018	W	W	-	5,561.1	-	W	W	-	23.8	-
April 2017	W	W	-	W	W	W	W	-	37.5	-
Iowa										
April 2018	-	W	-	2,355.3	-	-	-	-	54.4	-
March 2018	-	W	-	2,227.0	-	-	-	-	56.4	-
April 2017	-	W	-	2,374.6	-	-	-	-	60.8	-
Kansas										
April 2018	W	W	-	W	W	W	W	-	22.6	-
March 2018	W	W	-	W	W	W	W	-	20.8	-
April 2017	W	W	-	W	W	W	W	-	28.5	-
Kentucky										
April 2018	W	W	-	W	W	W	W	-	13.6	-
March 2018	W	W	-	W	W	W	W	-	15.0	-
April 2017	W	W	-	W	W	W	W	-	13.9	-
Michigan										
April 2018	W	W	-	9,159.3	-	W	W	-	13.7	-
March 2018	W	W	-	9,452.0	-	W	W	-	11.9	-
April 2017	W	W	-	9,149.0	-	W	W	-	15.9	-
Minnesota										
April 2018	W	W	NA	4,559.2	-	W	W	W	W	-
March 2018	W	W	W	4,192.5	W	W	W	W	W	-
April 2017	W	W	W	4,569.6	W	W	W	W	W	-
Missouri										
April 2018	-	W	-	W	W	-	-	-	18.9	-
March 2018	-	W	-	W	W	-	-	-	18.7	-
April 2017	-	-	-	2,993.4	-	-	-	-	15.8	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

thousand gallons per day

	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C										
April 2018	W	W	-	W	W	W	W	-	48,152.2	320.7
March 2018	W	W	-	5,511.3	-	W	W	-	48,211.9	270.3
April 2017	W	W	-	5,322.8	-	W	W	-	W	W
Florida										
April 2018	W	W	-	2,106.2	-	W	W	-	16,109.8	-
March 2018	W	W	-	2,145.4	-	W	W	-	16,247.5	-
April 2017	W	W	-	1,992.7	-	W	W	-	16,178.4	-
Georgia										
April 2018	W	W	-	W	W	W	W	-	W	W
March 2018	W	W	-	1,054.2	-	W	W	-	9,408.3	-
April 2017	W	W	-	975.6	-	W	W	-	8,938.1	-
North Carolina										
April 2018	W	W	-	1,044.2	-	W	W	-	W	W
March 2018	W	W	-	988.6	-	W	W	-	W	W
April 2017	W	W	-	999.4	-	W	W	-	W	W
South Carolina										
April 2018	W	W	-	432.3	-	W	W	-	4,634.7	-
March 2018	W	W	-	413.1	-	W	W	-	4,659.8	-
April 2017	W	W	-	438.1	-	W	W	-	W	W
Virginia										
April 2018	-	-	-	900.4	-	-	-	-	W	W
March 2018	-	-	-	880.1	-	-	-	-	W	W
April 2017	W	W	-	883.4	-	W	W	-	7,224.5	-
West Virginia										
April 2018	W	W	-	35.6	-	W	W	-	W	W
March 2018	W	W	-	30.0	-	W	W	-	W	W
April 2017	W	W	-	33.5	-	W	W	-	546.7	-
PAD District 2										
April 2018	W	W	NA	6,092.4	546.2	W	W	NA	81,434.2	1,252.9
March 2018	W	420.9	W	6,099.6	W	W	W	W	80,959.7	W
April 2017	W	W	W	6,293.5	W	W	8,827.0	W	82,176.0	W
Illinois										
April 2018	W	W	-	W	W	W	W	-	11,596.1	116.9
March 2018	W	W	-	W	W	W	W	-	W	W
April 2017	W	W	-	1,172.8	-	W	W	-	W	W
Indiana										
April 2018	W	W	-	W	W	W	W	-	W	W
March 2018	W	W	-	390.7	-	W	W	-	5,975.7	-
April 2017	W	W	-	W	W	W	W	-	W	W
Iowa										
April 2018	-	-	-	265.9	-	-	W	-	2,675.6	-
March 2018	-	-	-	272.4	-	-	W	-	2,555.8	-
April 2017	-	-	-	277.3	-	-	W	-	2,712.7	-
Kansas										
April 2018	-	-	-	W	W	W	W	-	W	W
March 2018	-	-	-	W	W	W	W	-	4,209.4	189.7
April 2017	-	-	-	W	W	W	W	-	4,597.3	137.2
Kentucky										
April 2018	W	W	-	W	W	W	W	-	W	W
March 2018	W	W	-	222.3	-	W	W	-	W	W
April 2017	W	W	-	237.7	-	W	W	-	W	W
Michigan										
April 2018	W	W	-	W	W	W	W	-	W	W
March 2018	W	W	-	W	W	W	W	-	W	W
April 2017	W	W	-	W	W	W	W	-	W	W
Minnesota										
April 2018	W	W	W	W	W	W	W	NA	W	W
March 2018	W	W	W	W	W	W	W	W	4,610.9	W
April 2017	W	W	W	W	W	W	W	W	5,026.1	W
Missouri										
April 2018	-	-	-	W	W	-	W	-	W	W
March 2018	-	-	-	W	W	-	W	-	W	W
April 2017	-	W	-	234.7	-	-	W	-	3,243.9	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

thousand gallons per day

	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)										
Nebraska										
April 2018	W	W	-	1,520.3	-	W	W	-	19.1	-
March 2018	W	W	-	1,509.1	-	W	W	-	22.0	-
April 2017	W	W	-	1,432.4	-	W	W	-	21.1	-
North Dakota										
April 2018	W	W	-	824.7	-	W	W	-	18.3	-
March 2018	W	W	-	786.5	-	W	W	-	19.1	-
April 2017	W	W	W	W	-	W	W	-	27.2	-
Ohio										
April 2018	W	W	-	10,044.3	-	W	W	-	42.1	-
March 2018	W	W	-	9,671.0	-	W	W	-	40.2	-
April 2017	W	W	-	9,789.1	-	W	W	-	50.3	-
Oklahoma										
April 2018	W	W	-	4,140.5	372.0	W	W	-	4.6	-
March 2018	W	W	-	W	W	W	W	-	5.9	-
April 2017	W	W	-	W	W	W	W	-	5.4	-
South Dakota										
April 2018	W	W	-	839.8	-	W	W	-	19.4	-
March 2018	W	W	-	905.5	-	W	W	-	19.7	-
April 2017	W	W	-	864.1	-	W	W	-	25.5	-
Tennessee										
April 2018	W	W	-	9,119.6	-	W	W	-	78.0	-
March 2018	W	W	-	9,393.1	-	W	W	-	74.6	-
April 2017	W	W	-	9,316.4	-	W	W	-	90.0	-
Wisconsin										
April 2018	W	W	NA	5,051.0	-	W	W	W	W	-
March 2018	W	W	W	W	-	W	W	W	W	-
April 2017	W	W	W	W	-	W	W	W	W	-
PAD District 3										
April 2018	939.7	966.0	W	W	W	92.3	92.3	W	W	-
March 2018	955.8	983.9	W	W	W	95.9	95.9	W	W	-
April 2017	917.5	938.8	W	W	12,699.7	W	93.4	W	W	-
Alabama										
April 2018	-	W	-	W	W	-	-	-	41.2	-
March 2018	-	W	-	4,659.4	-	-	-	-	30.6	-
April 2017	-	W	-	4,457.3	-	-	-	-	44.7	-
Arkansas										
April 2018	-	-	-	3,028.6	-	-	-	-	14.3	-
March 2018	-	-	-	2,968.5	-	-	-	-	14.9	-
April 2017	-	-	-	2,924.9	-	-	-	-	19.7	-
Louisiana										
April 2018	-	W	-	W	W	-	-	-	18.5	-
March 2018	-	W	-	W	W	-	-	-	22.0	-
April 2017	-	W	-	5,889.9	404.8	-	-	-	26.2	-
Mississippi										
April 2018	-	-	-	2,771.8	911.7	-	-	-	23.4	-
March 2018	-	-	-	W	W	-	-	-	27.7	-
April 2017	-	-	-	W	W	-	-	-	30.2	-
New Mexico										
April 2018	W	392.9	W	W	-	W	W	W	W	-
March 2018	W	407.8	W	W	-	W	W	W	W	-
April 2017	W	393.7	W	W	-	52.9	W	W	W	-
Texas										
April 2018	W	W	W	31,262.1	W	W	W	-	165.2	-
March 2018	W	W	W	31,851.0	W	W	W	-	170.0	-
April 2017	W	W	W	30,412.9	W	W	W	-	189.1	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

thousand gallons per day

	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)										
Nebraska										
April 2018	-	-	-	165.8	-	W	W	-	1,705.2	-
March 2018	-	-	-	169.6	-	W	W	-	1,700.7	-
April 2017	W	W	-	158.5	-	W	W	-	1,612.0	-
North Dakota										
April 2018	W	W	-	77.1	-	W	W	-	920.1	-
March 2018	W	W	-	71.3	-	W	W	-	877.0	-
April 2017	W	W	W	W	-	W	W	W	W	-
Ohio										
April 2018	W	W	-	W	W	W	W	-	W	W
March 2018	W	W	-	W	W	W	W	-	W	W
April 2017	W	W	-	W	W	W	W	-	W	W
Oklahoma										
April 2018	W	W	-	398.1	259.0	W	W	-	4,543.2	631.0
March 2018	W	W	-	W	W	W	W	-	4,496.5	474.2
April 2017	W	W	-	W	W	W	W	-	W	W
South Dakota										
April 2018	W	W	-	76.3	-	W	W	-	935.4	-
March 2018	W	W	-	80.2	-	W	W	-	1,005.5	-
April 2017	W	W	-	82.0	-	W	W	-	971.6	-
Tennessee										
April 2018	W	W	-	898.7	-	W	W	-	10,096.3	-
March 2018	W	W	-	870.9	-	W	W	-	10,338.6	-
April 2017	W	W	-	872.7	-	W	W	-	10,279.1	-
Wisconsin										
April 2018	W	W	W	W	-	W	W	NA	5,484.7	-
March 2018	W	W	W	W	W	W	W	W	5,513.1	W
April 2017	W	W	W	W	-	W	W	W	W	-
PAD District 3										
April 2018	87.9	93.8	W	5,280.9	W	1,119.8	1,152.0	W	54,624.9	W
March 2018	91.1	96.0	W	5,324.3	W	1,142.8	1,175.9	W	55,567.3	W
April 2017	W	95.1	W	5,453.3	W	1,101.7	1,127.3	W	54,149.8	W
Alabama										
April 2018	-	W	-	469.3	-	-	W	-	W	W
March 2018	-	W	-	401.1	-	-	W	-	5,091.0	-
April 2017	-	W	-	413.4	-	-	W	-	4,915.4	-
Arkansas										
April 2018	-	-	-	237.0	-	-	-	-	3,280.0	-
March 2018	-	-	-	235.0	-	-	-	-	3,218.3	-
April 2017	-	-	-	311.1	-	-	-	-	3,255.7	-
Louisiana										
April 2018	-	-	-	W	W	-	W	-	6,339.8	1,999.8
March 2018	-	-	-	W	W	-	W	-	6,672.2	2,950.4
April 2017	-	-	-	559.8	-	-	W	-	6,475.9	404.8
Mississippi										
April 2018	-	-	-	224.2	-	-	-	-	3,019.4	911.7
March 2018	-	-	-	W	W	-	-	-	W	W
April 2017	-	-	-	W	W	-	-	-	W	W
New Mexico										
April 2018	W	W	W	W	-	W	489.3	W	W	-
March 2018	W	W	W	W	-	W	509.0	W	W	-
April 2017	44.2	W	W	W	-	W	491.6	W	W	-
Texas										
April 2018	W	W	W	3,631.7	W	W	W	W	35,059.0	W
March 2018	W	W	W	3,690.7	W	W	W	W	35,711.7	W
April 2017	W	W	W	3,711.4	W	W	W	W	34,313.5	W

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

thousand gallons per day

	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4										
April 2018	W	W	W	10,387.7	W	72.4	75.4	-	161.6	-
March 2018	W	W	W	10,515.0	W	74.7	78.7	-	146.7	-
April 2017	W	W	W	10,299.4	W	W	78.0	-	141.8	-
Colorado										
April 2018	W	150.3	W	W	W	41.7	42.9	-	56.7	-
March 2018	W	155.6	W	W	W	43.2	45.9	-	55.3	-
April 2017	148.1	150.9	W	W	-	42.7	43.7	-	68.0	-
Idaho										
April 2018	W	W	-	1,354.4	-	W	W	-	8.6	-
March 2018	W	W	-	1,398.3	-	W	W	-	6.8	-
April 2017	W	W	-	1,474.7	-	W	W	-	8.6	-
Montana										
April 2018	W	W	-	1,156.7	-	W	W	-	W	-
March 2018	W	W	-	1,075.3	-	W	W	-	W	-
April 2017	W	W	-	1,137.0	-	W	W	-	5.0	-
Utah										
April 2018	W	W	W	W	W	NA	W	-	71.7	-
March 2018	W	W	W	W	W	W	W	-	62.9	-
April 2017	W	W	W	W	W	W	W	-	48.5	-
Wyoming										
April 2018	W	9.3	-	942.1	-	W	W	-	W	-
March 2018	W	10.0	-	W	W	W	W	-	W	-
April 2017	W	10.8	-	831.1	-	W	W	-	11.8	-
PAD District 5										
April 2018	4,240.5	4,307.9	16,079.0	28,914.6	2,449.5	633.6	635.0	241.5	301.2	-
March 2018	4,222.8	4,294.5	15,883.8	28,660.0	3,097.5	621.5	626.5	235.2	301.0	-
April 2017	4,001.8	4,052.7	16,210.3	W	W	636.1	640.8	W	W	-
Alaska										
April 2018	W	W	75.3	W	W	W	W	W	W	-
March 2018	W	W	70.5	W	W	W	W	W	W	-
April 2017	W	W	81.2	380.2	W	W	W	W	W	-
Arizona										
April 2018	W	W	W	4,624.5	W	W	W	W	W	-
March 2018	W	W	W	4,632.9	W	W	W	W	W	-
April 2017	W	W	W	4,379.6	W	W	W	W	W	-
California										
April 2018	3,088.8	3,090.3	12,076.6	14,389.4	1,501.4	544.4	544.6	154.1	187.6	-
March 2018	3,059.8	3,061.1	11,824.3	14,352.7	1,802.4	526.9	527.0	147.5	192.7	-
April 2017	2,877.0	2,878.5	11,848.3	15,449.7	2,324.2	W	W	181.0	224.8	-
Hawaii										
April 2018	W	W	W	W	W	W	W	W	W	-
March 2018	W	W	W	W	W	W	W	W	W	-
April 2017	W	W	W	W	W	W	W	W	W	-
Nevada										
April 2018	W	W	W	1,352.4	W	NA	NA	W	W	-
March 2018	W	W	W	1,417.7	W	W	W	W	W	-
April 2017	W	W	W	1,322.8	W	W	W	W	W	-
Oregon										
April 2018	95.2	95.2	W	2,808.9	W	6.1	6.1	W	W	-
March 2018	92.7	92.7	W	2,718.8	W	6.1	6.1	W	W	-
April 2017	92.2	92.2	W	2,398.0	W	6.4	6.4	4.4	14.3	-
Washington										
April 2018	292.2	299.4	W	5,112.7	W	27.1	27.3	W	W	-
March 2018	316.3	322.7	W	4,918.7	W	30.2	30.5	W	W	-
April 2017	289.1	296.2	1,122.5	W	W	29.9	30.1	W	W	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

thousand gallons per day

	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4										
April 2018	W	W	W	2,148.7	W	W	W	W	12,698.0	W
March 2018	W	68.2	W	2,302.4	W	W	W	W	12,964.1	W
April 2017	71.2	W	W	2,210.7	W	W	531.0	W	12,651.9	W
Colorado										
April 2018	W	32.4	W	W	-	219.5	225.6	W	5,475.6	W
March 2018	W	34.0	W	W	-	226.6	235.6	W	5,520.1	W
April 2017	33.9	34.0	W	W	-	224.7	228.6	W	W	-
Idaho										
April 2018	W	W	-	224.1	-	W	W	-	1,587.1	-
March 2018	W	W	-	237.6	-	W	W	-	1,642.7	-
April 2017	W	W	-	240.2	-	W	W	-	1,723.4	-
Montana										
April 2018	W	W	-	W	-	W	W	-	1,384.9	-
March 2018	W	W	-	W	-	W	W	-	1,300.1	-
April 2017	W	W	-	242.8	-	W	W	-	1,384.8	-
Utah										
April 2018	NA	NA	W	W	W	W	W	W	3,136.2	W
March 2018	W	W	W	W	W	W	W	W	W	W
April 2017	W	W	W	W	W	W	W	W	W	W
Wyoming										
April 2018	W	W	-	W	-	W	11.6	-	1,114.2	-
March 2018	W	W	-	W	-	W	12.4	-	W	W
April 2017	W	W	-	130.8	-	W	13.9	-	973.7	-
PAD District 5										
April 2018	1,012.5	1,019.5	4,483.0	5,866.3	421.0	5,886.6	5,962.4	20,803.5	35,082.0	2,870.6
March 2018	1,059.1	1,066.5	4,302.3	5,929.0	454.0	5,903.5	5,987.5	20,421.3	34,889.9	3,551.5
April 2017	1,092.0	1,097.5	4,592.4	5,749.2	441.1	5,729.9	5,790.9	W	35,089.2	W
Alaska										
April 2018	W	W	W	W	-	W	W	92.0	W	W
March 2018	W	W	W	W	-	W	W	86.3	W	W
April 2017	W	W	W	W	W	W	W	98.7	W	W
Arizona										
April 2018	W	W	163.6	W	W	W	W	W	5,248.9	W
March 2018	W	W	172.5	W	W	W	W	W	5,280.0	W
April 2017	W	W	217.5	W	W	W	W	W	4,980.1	W
California										
April 2018	843.6	843.6	3,647.9	3,551.5	290.3	4,476.9	4,478.5	15,878.6	18,128.5	1,791.7
March 2018	882.0	882.0	3,460.3	3,615.1	254.6	4,468.7	4,470.2	15,432.1	18,160.5	2,056.9
April 2017	W	W	3,681.0	3,612.1	239.6	4,329.1	4,330.7	15,710.3	19,286.6	2,563.8
Hawaii										
April 2018	W	W	W	W	W	W	W	W	W	W
March 2018	W	W	W	W	W	W	W	W	W	W
April 2017	W	W	W	W	W	W	W	W	W	W
Nevada										
April 2018	NA	NA	W	W	-	W	W	W	1,695.9	W
March 2018	W	W	W	W	W	W	W	W	1,750.8	W
April 2017	W	W	W	W	W	W	W	W	1,664.7	W
Oregon										
April 2018	13.5	13.5	127.3	W	W	114.8	114.8	W	3,184.9	W
March 2018	13.2	13.2	126.6	W	W	111.9	111.9	W	3,083.7	W
April 2017	13.8	13.8	W	301.3	W	112.4	112.4	1,049.0	2,713.7	231.8
Washington										
April 2018	39.9	40.1	229.6	W	W	359.2	366.8	W	6,079.1	W
March 2018	46.8	47.0	241.0	W	W	393.4	400.2	W	5,880.3	W
April 2017	45.4	45.5	237.6	869.8	-	364.3	371.9	W	5,779.1	W

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2017 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report."

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state

thousand gallons per day

	Conventional				
	Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States					
April 2018	14,479.4	14,736.0	4,413.1	183,969.0	19,568.2
March 2018	14,690.1	14,958.4	4,507.0	184,437.5	18,321.3
April 2017	15,037.6	15,260.9	4,841.5	182,728.6	17,285.6
PAD District 1					
April 2018	W	W	W	49,677.8	W
March 2018	W	W	W	50,065.6	W
April 2017	W	W	W	49,524.0	W
Subdistrict 1A					
April 2018	-	-	W	W	-
March 2018	-	-	W	W	-
April 2017	-	-	W	W	-
Connecticut					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
Maine					
April 2018	-	-	W	W	-
March 2018	-	-	W	W	-
April 2017	-	-	W	W	-
Massachusetts					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
New Hampshire					
April 2018	-	-	W	W	-
March 2018	-	-	W	W	-
April 2017	-	-	W	W	-
Rhode Island					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
Vermont					
April 2018	-	-	W	W	-
March 2018	-	-	W	W	-
April 2017	-	-	W	71.6	-
Subdistrict 1B					
April 2018	W	W	W	W	W
March 2018	W	W	W	5,698.8	W
April 2017	W	W	W	5,987.2	W
Delaware					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
District of Columbia					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
Maryland					
April 2018	-	-	-	358.2	-
March 2018	-	-	-	W	-
April 2017	-	-	-	W	W
New Jersey					
April 2018	-	-	-	-	W
March 2018	-	-	-	-	W
April 2017	-	-	-	-	W
New York					
April 2018	W	W	W	W	W
March 2018	W	W	W	W	W
April 2017	W	W	W	W	W
Pennsylvania					
April 2018	W	W	-	W	W
March 2018	W	W	-	W	W
April 2017	W	W	-	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

	Reformulated				
	Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States					
April 2018	9,136.1	9,161.3	18,191.2	77,563.3	3,229.6
March 2018	9,156.5	9,184.4	17,790.1	77,458.5	3,759.6
April 2017	9,048.0	9,069.6	17,856.2	77,017.8	3,191.1
PAD District 1					
April 2018	W	W	W	28,015.3	W
March 2018	W	W	W	27,449.3	W
April 2017	W	W	W	26,155.4	W
Subdistrict 1A					
April 2018	W	W	W	W	W
March 2018	W	W	W	W	W
April 2017	W	W	W	4,476.0	W
Connecticut					
April 2018	-	W	W	2,534.8	W
March 2018	-	W	-	W	W
April 2017	-	-	W	2,438.4	W
Maine					
April 2018	-	-	-	W	-
March 2018	-	-	-	W	-
April 2017	-	-	-	W	-
Massachusetts					
April 2018	W	W	-	1,151.3	-
March 2018	W	W	-	1,163.4	-
April 2017	W	W	W	W	-
New Hampshire					
April 2018	W	W	-	W	-
March 2018	W	W	W	W	-
April 2017	W	W	-	-	-
Rhode Island					
April 2018	W	W	-	1,063.3	-
March 2018	W	W	-	1,137.5	-
April 2017	W	W	W	W	W
Vermont					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
Subdistrict 1B					
April 2018	W	W	W	W	W
March 2018	W	W	W	18,149.9	W
April 2017	W	W	W	17,582.2	W
Delaware					
April 2018	W	W	-	1,101.8	-
March 2018	W	W	-	1,211.0	-
April 2017	W	W	-	1,119.9	-
District of Columbia					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
Maryland					
April 2018	-	-	-	4,395.0	-
March 2018	-	-	-	W	W
April 2017	-	-	W	W	-
New Jersey					
April 2018	W	W	W	W	W
March 2018	W	W	W	7,320.4	W
April 2017	W	W	W	W	W
New York					
April 2018	W	W	W	W	W
March 2018	W	W	W	W	W
April 2017	W	W	W	W	-
Pennsylvania					
April 2018	W	W	-	W	W
March 2018	W	W	-	W	W
April 2017	W	W	-	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

	All formulations				
	Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States					
April 2018	23,615.5	23,897.3	22,604.3	261,532.3	22,797.8
March 2018	23,846.6	24,142.7	22,297.1	261,895.9	22,080.9
April 2017	24,085.6	24,330.4	22,697.7	259,746.3	20,476.7
PAD District 1					
April 2018	7,628.7	7,676.8	W	77,693.1	W
March 2018	7,685.2	7,730.7	W	77,514.9	W
April 2017	8,033.9	8,054.2	W	75,679.4	W
Subdistrict 1A					
April 2018	W	W	W	5,450.1	W
March 2018	W	W	W	5,454.3	W
April 2017	W	W	W	W	W
Connecticut					
April 2018	-	W	W	2,534.8	W
March 2018	-	W	-	W	W
April 2017	-	-	W	2,438.4	W
Maine					
April 2018	-	-	W	W	-
March 2018	-	-	W	W	-
April 2017	-	-	W	W	-
Massachusetts					
April 2018	W	W	-	1,151.3	-
March 2018	W	W	-	1,163.4	-
April 2017	W	W	W	W	-
New Hampshire					
April 2018	W	W	W	W	-
March 2018	W	W	W	W	-
April 2017	W	W	W	W	-
Rhode Island					
April 2018	W	W	-	1,063.3	-
March 2018	W	W	-	1,137.5	-
April 2017	W	W	W	869.0	W
Vermont					
April 2018	-	-	W	W	-
March 2018	-	-	W	W	-
April 2017	-	-	W	71.6	-
Subdistrict 1B					
April 2018	3,976.7	3,976.8	W	24,090.8	W
March 2018	3,996.3	3,996.3	W	23,848.7	W
April 2017	3,949.0	3,949.0	W	23,569.4	W
Delaware					
April 2018	W	W	-	1,101.8	-
March 2018	W	W	-	1,211.0	-
April 2017	W	W	-	1,119.9	-
District of Columbia					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
Maryland					
April 2018	-	-	-	4,753.2	-
March 2018	-	-	-	W	W
April 2017	-	-	W	4,194.2	W
New Jersey					
April 2018	W	W	W	W	898.8
March 2018	W	W	W	7,320.4	W
April 2017	W	W	W	W	288.8
New York					
April 2018	2,453.3	2,453.4	W	5,798.0	W
March 2018	2,459.4	2,459.4	W	5,706.0	W
April 2017	2,406.3	2,406.3	W	5,388.7	W
Pennsylvania					
April 2018	W	W	-	W	W
March 2018	W	W	-	W	W
April 2017	W	W	-	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

	Conventional				
	Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C					
April 2018	W	W	-	43,712.5	320.7
March 2018	W	W	-	W	W
April 2017	W	W	-	W	W
Florida					
April 2018	W	W	-	16,109.8	-
March 2018	W	W	-	16,247.5	-
April 2017	W	W	-	16,178.4	-
Georgia					
April 2018	W	W	-	W	W
March 2018	W	W	-	9,408.3	-
April 2017	W	W	-	8,938.1	-
North Carolina					
April 2018	W	W	-	W	W
March 2018	W	W	-	W	W
April 2017	W	W	-	W	W
South Carolina					
April 2018	W	W	-	4,634.7	-
March 2018	W	W	-	4,659.8	-
April 2017	W	W	-	W	W
Virginia					
April 2018	-	-	-	W	W
March 2018	-	-	-	W	W
April 2017	W	W	-	3,127.3	-
West Virginia					
April 2018	W	W	-	W	W
March 2018	W	W	-	W	W
April 2017	W	W	-	546.7	-
PAD District 2					
April 2018	W	7,076.6	NA	W	W
March 2018	W	7,194.1	W	W	W
April 2017	7,122.5	W	W	W	W
Illinois					
April 2018	W	W	-	W	W
March 2018	W	W	-	W	W
April 2017	W	W	-	W	W
Indiana					
April 2018	W	W	-	W	W
March 2018	W	W	-	5,049.2	-
April 2017	W	W	-	W	W
Iowa					
April 2018	-	W	-	2,675.6	-
March 2018	-	W	-	2,555.8	-
April 2017	-	W	-	2,712.7	-
Kansas					
April 2018	W	W	-	W	W
March 2018	W	W	-	4,209.4	189.7
April 2017	W	W	-	4,597.3	137.2
Kentucky					
April 2018	W	W	-	W	W
March 2018	W	W	-	W	W
April 2017	W	W	-	W	W
Michigan					
April 2018	W	W	-	W	W
March 2018	W	W	-	W	W
April 2017	W	W	-	W	W
Minnesota					
April 2018	W	W	NA	W	W
March 2018	W	W	W	4,610.9	W
April 2017	W	W	W	5,026.1	W
Missouri					
April 2018	-	W	-	2,984.5	-
March 2018	-	W	-	2,766.3	-
April 2017	-	W	-	W	-

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

	Reformulated				
	Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C					
April 2018	-	-	-	4,439.7	-
March 2018	-	-	-	W	W
April 2017	-	-	-	4,097.2	-
Florida					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
Georgia					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
North Carolina					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
South Carolina					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
Virginia					
April 2018	-	-	-	4,439.7	-
March 2018	-	-	-	W	W
April 2017	-	-	-	4,097.2	-
West Virginia					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
PAD District 2					
April 2018	W	W	-	W	W
March 2018	W	W	-	W	W
April 2017	W	W	-	W	W
Illinois					
April 2018	W	W	-	W	W
March 2018	W	W	-	W	W
April 2017	W	W	-	W	W
Indiana					
April 2018	W	W	-	876.4	-
March 2018	W	W	-	926.5	-
April 2017	W	W	-	963.3	-
Iowa					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
Kansas					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
Kentucky					
April 2018	W	W	-	803.5	-
March 2018	W	W	-	826.5	-
April 2017	W	W	-	W	-
Michigan					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
Minnesota					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
Missouri					
April 2018	-	-	-	W	W
March 2018	-	-	-	W	W
April 2017	-	-	-	W	-

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

	All formulations				
	Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C					
April 2018	W	W	-	48,152.2	320.7
March 2018	W	W	-	48,211.9	270.3
April 2017	W	W	-	W	W
Florida					
April 2018	W	W	-	16,109.8	-
March 2018	W	W	-	16,247.5	-
April 2017	W	W	-	16,178.4	-
Georgia					
April 2018	W	W	-	W	W
March 2018	W	W	-	9,408.3	-
April 2017	W	W	-	8,938.1	-
North Carolina					
April 2018	W	W	-	W	W
March 2018	W	W	-	W	W
April 2017	W	W	-	W	W
South Carolina					
April 2018	W	W	-	4,634.7	-
March 2018	W	W	-	4,659.8	-
April 2017	W	W	-	W	W
Virginia					
April 2018	-	-	-	W	W
March 2018	-	-	-	W	W
April 2017	W	W	-	7,224.5	-
West Virginia					
April 2018	W	W	-	W	W
March 2018	W	W	-	W	W
April 2017	W	W	-	546.7	-
PAD District 2					
April 2018	W	W	NA	81,434.2	1,252.9
March 2018	W	W	W	80,959.7	W
April 2017	W	8,827.0	W	82,176.0	W
Illinois					
April 2018	W	W	-	11,596.1	116.9
March 2018	W	W	-	W	W
April 2017	W	W	-	W	W
Indiana					
April 2018	W	W	-	W	W
March 2018	W	W	-	5,975.7	-
April 2017	W	W	-	W	W
Iowa					
April 2018	-	W	-	2,675.6	-
March 2018	-	W	-	2,555.8	-
April 2017	-	W	-	2,712.7	-
Kansas					
April 2018	W	W	-	W	W
March 2018	W	W	-	4,209.4	189.7
April 2017	W	W	-	4,597.3	137.2
Kentucky					
April 2018	W	W	-	W	W
March 2018	W	W	-	W	W
April 2017	W	W	-	W	W
Michigan					
April 2018	W	W	-	W	W
March 2018	W	W	-	W	W
April 2017	W	W	-	W	W
Minnesota					
April 2018	W	W	NA	W	W
March 2018	W	W	W	4,610.9	W
April 2017	W	W	W	5,026.1	W
Missouri					
April 2018	-	W	-	W	W
March 2018	-	W	-	W	W
April 2017	-	W	-	3,243.9	-

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

	Conventional				
	Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)					
Nebraska					
April 2018	W	W	-	1,705.2	-
March 2018	W	W	-	1,700.7	-
April 2017	W	W	-	1,612.0	-
North Dakota					
April 2018	W	W	-	920.1	-
March 2018	W	W	-	877.0	-
April 2017	W	W	W	W	-
Ohio					
April 2018	W	W	-	W	W
March 2018	W	W	-	W	W
April 2017	W	W	-	W	W
Oklahoma					
April 2018	W	W	-	4,543.2	631.0
March 2018	W	W	-	4,496.5	474.2
April 2017	W	W	-	W	W
South Dakota					
April 2018	W	W	-	935.4	-
March 2018	W	W	-	1,005.5	-
April 2017	W	W	-	971.6	-
Tennessee					
April 2018	W	W	-	10,096.3	-
March 2018	W	W	-	10,338.6	-
April 2017	W	W	-	10,279.1	-
Wisconsin					
April 2018	W	53.2	NA	3,908.9	-
March 2018	W	51.4	W	3,900.0	W
April 2017	W	53.8	W	W	-
PAD District 3					
April 2018	1,119.8	1,152.0	W	W	W
March 2018	1,142.8	1,175.9	W	39,222.0	W
April 2017	1,101.7	1,127.3	W	38,260.1	W
Alabama					
April 2018	-	W	-	W	W
March 2018	-	W	-	5,091.0	-
April 2017	-	W	-	4,915.4	-
Arkansas					
April 2018	-	-	-	3,280.0	-
March 2018	-	-	-	3,218.3	-
April 2017	-	-	-	3,255.7	-
Louisiana					
April 2018	-	W	-	6,339.8	1,999.8
March 2018	-	W	-	6,672.2	2,950.4
April 2017	-	W	-	6,475.9	404.8
Mississippi					
April 2018	-	-	-	3,019.4	911.7
March 2018	-	-	-	W	W
April 2017	-	-	-	W	W
New Mexico					
April 2018	W	489.3	W	W	-
March 2018	W	509.0	W	W	-
April 2017	W	491.6	W	W	-
Texas					
April 2018	W	W	W	W	11,196.9
March 2018	W	W	W	W	W
April 2017	W	W	W	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

	Reformulated				
	Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)					
Nebraska					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
North Dakota					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
Ohio					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
Oklahoma					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
South Dakota					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
Tennessee					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
Wisconsin					
April 2018	W	W	-	1,575.8	-
March 2018	W	W	-	1,613.2	-
April 2017	W	W	-	1,511.9	-
PAD District 3					
April 2018	-	-	-	W	W
March 2018	-	-	-	16,345.3	-
April 2017	-	-	-	15,889.7	-
Alabama					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
Arkansas					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
Louisiana					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
Mississippi					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
New Mexico					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
Texas					
April 2018	-	-	-	W	W
March 2018	-	-	-	W	-
April 2017	-	-	-	W	-

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

	All formulations				
	Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)					
Nebraska					
April 2018	W	W	-	1,705.2	-
March 2018	W	W	-	1,700.7	-
April 2017	W	W	-	1,612.0	-
North Dakota					
April 2018	W	W	-	920.1	-
March 2018	W	W	-	877.0	-
April 2017	W	W	W	W	-
Ohio					
April 2018	W	W	-	W	W
March 2018	W	W	-	W	W
April 2017	W	W	-	W	W
Oklahoma					
April 2018	W	W	-	4,543.2	631.0
March 2018	W	W	-	4,496.5	474.2
April 2017	W	W	-	W	W
South Dakota					
April 2018	W	W	-	935.4	-
March 2018	W	W	-	1,005.5	-
April 2017	W	W	-	971.6	-
Tennessee					
April 2018	W	W	-	10,096.3	-
March 2018	W	W	-	10,338.6	-
April 2017	W	W	-	10,279.1	-
Wisconsin					
April 2018	W	W	NA	5,484.7	-
March 2018	W	W	W	5,513.1	W
April 2017	W	W	W	W	-
PAD District 3					
April 2018	1,119.8	1,152.0	W	54,624.9	W
March 2018	1,142.8	1,175.9	W	55,567.3	W
April 2017	1,101.7	1,127.3	W	54,149.8	W
Alabama					
April 2018	-	W	-	W	W
March 2018	-	W	-	5,091.0	-
April 2017	-	W	-	4,915.4	-
Arkansas					
April 2018	-	-	-	3,280.0	-
March 2018	-	-	-	3,218.3	-
April 2017	-	-	-	3,255.7	-
Louisiana					
April 2018	-	W	-	6,339.8	1,999.8
March 2018	-	W	-	6,672.2	2,950.4
April 2017	-	W	-	6,475.9	404.8
Mississippi					
April 2018	-	-	-	3,019.4	911.7
March 2018	-	-	-	W	W
April 2017	-	-	-	W	W
New Mexico					
April 2018	W	489.3	W	W	-
March 2018	W	509.0	W	W	-
April 2017	W	491.6	W	W	-
Texas					
April 2018	W	W	W	35,059.0	W
March 2018	W	W	W	35,711.7	W
April 2017	W	W	W	34,313.5	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

	Conventional				
	Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4					
April 2018	W	W	W	12,698.0	W
March 2018	W	W	W	12,964.1	W
April 2017	W	531.0	W	12,651.9	W
Colorado					
April 2018	219.5	225.6	W	5,475.6	W
March 2018	226.6	235.6	W	5,520.1	W
April 2017	224.7	228.6	W	W	-
Idaho					
April 2018	W	W	-	1,587.1	-
March 2018	W	W	-	1,642.7	-
April 2017	W	W	-	1,723.4	-
Montana					
April 2018	W	W	-	1,384.9	-
March 2018	W	W	-	1,300.1	-
April 2017	W	W	-	1,384.8	-
Utah					
April 2018	W	W	W	3,136.2	W
March 2018	W	W	W	W	W
April 2017	W	W	W	W	W
Wyoming					
April 2018	W	11.6	-	1,114.2	-
March 2018	W	12.4	-	W	W
April 2017	W	13.9	-	973.7	-
PAD District 5					
April 2018	1,409.8	W	W	13,698.1	W
March 2018	1,434.8	W	W	W	W
April 2017	W	1,457.5	W	W	W
Alaska					
April 2018	W	W	92.0	W	W
March 2018	W	W	86.3	W	W
April 2017	W	W	98.7	W	W
Arizona					
April 2018	W	W	298.5	W	-
March 2018	W	W	312.5	W	-
April 2017	W	W	491.0	W	W
California					
April 2018	-	-	-	-	W
March 2018	-	-	-	-	W
April 2017	-	-	-	-	W
Hawaii					
April 2018	W	W	W	W	W
March 2018	W	W	W	W	W
April 2017	W	W	W	W	W
Nevada					
April 2018	W	W	W	1,695.9	W
March 2018	W	W	W	1,750.8	W
April 2017	W	W	W	1,664.7	W
Oregon					
April 2018	114.8	114.8	W	3,184.9	W
March 2018	111.9	111.9	W	3,083.7	W
April 2017	112.4	112.4	1,049.0	2,713.7	231.8
Washington					
April 2018	359.2	366.8	W	6,079.1	W
March 2018	393.4	400.2	W	5,880.3	W
April 2017	364.3	371.9	W	5,779.1	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

	Reformulated				
	Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
Colorado					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
Idaho					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
Montana					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
Utah					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
Wyoming					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
PAD District 5					
April 2018	4,476.9	W	W	21,384.0	W
March 2018	4,468.7	W	W	W	W
April 2017	W	4,333.4	W	W	W
Alaska					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
Arizona					
April 2018	-	W	W	W	W
March 2018	-	W	W	W	W
April 2017	-	W	W	W	W
California					
April 2018	4,476.9	4,478.5	15,878.6	W	W
March 2018	4,468.7	4,470.2	15,432.1	18,160.5	W
April 2017	W	W	15,710.3	19,286.6	W
Hawaii					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
Nevada					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
Oregon					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-
Washington					
April 2018	-	-	-	-	-
March 2018	-	-	-	-	-
April 2017	-	-	-	-	-

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

	All formulations				
	Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4					
April 2018	W	W	W	12,698.0	W
March 2018	W	W	W	12,964.1	W
April 2017	W	531.0	W	12,651.9	W
Colorado					
April 2018	219.5	225.6	W	5,475.6	W
March 2018	226.6	235.6	W	5,520.1	W
April 2017	224.7	228.6	W	W	-
Idaho					
April 2018	W	W	-	1,587.1	-
March 2018	W	W	-	1,642.7	-
April 2017	W	W	-	1,723.4	-
Montana					
April 2018	W	W	-	1,384.9	-
March 2018	W	W	-	1,300.1	-
April 2017	W	W	-	1,384.8	-
Utah					
April 2018	W	W	W	3,136.2	W
March 2018	W	W	W	W	W
April 2017	W	W	W	W	W
Wyoming					
April 2018	W	11.6	-	1,114.2	-
March 2018	W	12.4	-	W	W
April 2017	W	13.9	-	973.7	-
PAD District 5					
April 2018	5,886.6	5,962.4	20,803.5	35,082.0	2,870.6
March 2018	5,903.5	5,987.5	20,421.3	34,889.9	3,551.5
April 2017	5,729.9	5,790.9	W	35,089.2	W
Alaska					
April 2018	W	W	92.0	W	W
March 2018	W	W	86.3	W	W
April 2017	W	W	98.7	W	W
Arizona					
April 2018	W	W	W	5,248.9	W
March 2018	W	W	W	5,280.0	W
April 2017	W	W	W	4,980.1	W
California					
April 2018	4,476.9	4,478.5	15,878.6	18,128.5	1,791.7
March 2018	4,468.7	4,470.2	15,432.1	18,160.5	2,056.9
April 2017	4,329.1	4,330.7	15,710.3	19,286.6	2,563.8
Hawaii					
April 2018	W	W	W	W	W
March 2018	W	W	W	W	W
April 2017	W	W	W	W	W
Nevada					
April 2018	W	W	W	1,695.9	W
March 2018	W	W	W	1,750.8	W
April 2017	W	W	W	1,664.7	W
Oregon					
April 2018	114.8	114.8	W	3,184.9	W
March 2018	111.9	111.9	W	3,083.7	W
April 2017	112.4	112.4	1,049.0	2,713.7	231.8
Washington					
April 2018	359.2	366.8	W	6,079.1	W
March 2018	393.4	400.2	W	5,880.3	W
April 2017	364.3	371.9	W	5,779.1	W

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2017 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report."

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States										
April 2018	W	496.4	29,858.8	40,035.2	W	800.7	W	414.6	4,270.3	24,490.9
March 2018	W	394.9	31,693.2	38,276.3	W	953.6	86.0	1,074.1	3,434.8	31,405.0
April 2017	W	390.4	30,853.7	40,216.3	W	683.0	W	225.1	5,777.5	23,284.7
PAD District 1										
April 2018	W	136.8	5,381.2	7,737.3	W	76.1	-	W	W	6,129.9
March 2018	W	114.0	5,629.6	7,095.7	W	172.8	-	9.7	W	7,455.5
April 2017	-	123.2	4,659.3	6,509.7	W	77.1	-	W	W	4,445.9
Subdistrict 1A										
April 2018	W	W	205.5	774.0	W	-	-	-	W	1,137.9
March 2018	-	W	205.7	800.9	W	-	-	-	W	1,420.4
April 2017	-	W	321.5	546.3	W	-	-	W	W	943.3
Connecticut										
April 2018	-	-	W	W	-	-	-	-	-	146.7
March 2018	-	-	W	W	-	-	-	-	-	196.9
April 2017	-	-	W	W	-	-	-	-	-	115.6
Maine										
April 2018	W	W	W	W	-	-	-	-	W	288.3
March 2018	-	W	W	W	-	-	-	-	W	363.7
April 2017	-	W	W	W	-	-	-	W	W	254.5
Massachusetts										
April 2018	-	-	W	729.7	W	-	-	-	-	W
March 2018	-	-	71.4	758.2	W	-	-	-	-	160.5
April 2017	-	-	W	501.3	W	-	-	-	-	W
New Hampshire										
April 2018	-	-	W	W	W	-	-	-	-	119.9
March 2018	-	-	W	W	W	-	-	-	-	W
April 2017	-	-	W	W	W	-	-	W	-	109.6
Rhode Island										
April 2018	-	-	W	W	W	-	-	-	-	W
March 2018	-	-	W	W	W	-	-	-	-	W
April 2017	-	-	W	W	W	-	-	-	-	W
Vermont										
April 2018	-	-	W	W	-	-	-	-	-	W
March 2018	-	-	W	W	-	-	-	-	-	425.2
April 2017	-	-	W	W	-	-	-	W	W	W
Subdistrict 1B										
April 2018	W	W	1,825.1	4,940.7	6.8	W	-	W	-	2,420.0
March 2018	-	W	1,844.0	4,414.5	W	W	-	W	-	2,895.2
April 2017	-	W	2,104.0	4,111.9	W	W	-	W	W	1,875.4
Delaware										
April 2018	-	-	-	W	W	-	-	-	-	170.8
March 2018	-	-	-	-	W	-	-	-	-	193.5
April 2017	-	-	-	W	W	-	-	-	-	W
District of Columbia										
April 2018	-	-	-	-	-	-	-	-	-	-
March 2018	-	-	-	-	-	-	-	-	-	-
April 2017	-	-	-	-	-	-	-	-	-	-
Maryland										
April 2018	-	-	W	W	-	W	-	-	-	23.1
March 2018	-	-	W	62.9	-	W	-	-	-	94.6
April 2017	-	-	W	39.6	-	W	-	-	-	W
New Jersey										
April 2018	-	W	610.5	2,958.8	W	W	-	-	-	288.3
March 2018	-	-	698.6	2,740.5	W	78.5	-	-	-	224.5
April 2017	-	W	982.2	2,675.4	W	W	-	-	-	278.4
New York										
April 2018	-	W	1,012.7	82.4	W	27.0	-	W	-	642.0
March 2018	-	W	886.9	91.5	W	47.0	-	W	-	859.4
April 2017	-	W	W	87.3	W	W	-	W	W	510.8
Pennsylvania										
April 2018	W	W	W	1,827.8	2.5	0.4	-	W	-	1,295.7
March 2018	-	W	W	1,519.6	W	1.5	-	W	-	1,523.2
April 2017	-	W	W	W	W	W	-	-	W	994.3

See footnotes at end of table.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C										
April 2018	W	108.1	3,350.5	2,022.6	W	W	-	W	-	2,572.1
March 2018	W	91.5	3,579.9	1,880.3	W	W	-	W	-	3,139.8
April 2017	-	98.3	2,233.8	1,851.5	W	W	-	W	W	1,627.2
Florida										
April 2018	W	83.3	2,697.3	1,627.9	W	-	-	-	-	521.6
March 2018	-	70.4	2,922.1	1,493.8	W	NA	-	-	-	467.5
April 2017	-	74.8	W	1,447.0	W	-	-	-	-	422.3
Georgia										
April 2018	W	W	W	116.1	-	W	-	W	-	536.0
March 2018	W	W	W	72.3	-	W	-	W	-	481.6
April 2017	-	W	W	66.8	-	W	-	W	-	293.6
North Carolina										
April 2018	-	W	W	W	W	W	-	-	-	698.4
March 2018	-	W	W	159.6	W	W	-	-	-	1,006.8
April 2017	-	W	W	132.4	W	W	-	-	-	318.7
South Carolina										
April 2018	-	-	W	82.9	W	W	-	-	-	516.0
March 2018	-	-	W	71.8	W	W	-	-	-	684.4
April 2017	-	-	W	81.8	W	W	-	-	-	275.2
Virginia										
April 2018	-	W	304.7	W	-	-	-	-	-	130.0
March 2018	-	W	291.9	W	-	-	-	-	-	243.9
April 2017	-	W	231.7	W	-	W	-	-	-	W
West Virginia										
April 2018	-	-	W	W	W	-	-	-	-	170.2
March 2018	-	-	W	W	W	-	-	-	-	255.6
April 2017	-	-	W	W	W	-	-	-	W	W
PAD District 2										
April 2018	W	W	5,724.7	4,955.9	W	30.0	3.9	185.4	W	8,319.1
March 2018	W	93.0	5,798.8	4,952.1	W	W	4.6	602.8	W	9,866.6
April 2017	W	93.9	5,509.5	5,254.0	W	16.7	3.0	47.4	W	6,138.6
Illinois										
April 2018	W	W	1,364.0	W	W	W	W	4.6	W	1,425.9
March 2018	W	W	1,210.8	W	W	W	W	W	W	1,644.9
April 2017	-	W	1,379.9	W	W	W	W	W	W	1,096.5
Indiana										
April 2018	-	-	902.8	259.5	W	W	-	W	-	275.8
March 2018	-	-	961.1	228.8	W	4.2	-	W	-	357.6
April 2017	-	-	745.9	281.8	W	W	-	W	W	195.1
Iowa										
April 2018	-	-	W	75.7	-	-	-	5.7	W	462.3
March 2018	-	-	W	77.2	-	-	-	21.7	W	606.2
April 2017	-	-	W	49.2	-	-	-	3.0	W	232.7
Kansas										
April 2018	W	W	W	W	-	W	-	10.1	-	1,736.7
March 2018	W	W	W	W	-	W	-	24.3	-	2,163.3
April 2017	W	W	W	W	-	W	-	W	W	1,592.4
Kentucky										
April 2018	W	W	851.2	W	W	W	-	W	W	509.5
March 2018	-	W	901.4	543.7	W	W	W	W	-	639.4
April 2017	-	W	W	491.8	W	W	-	W	W	301.3
Michigan										
April 2018	W	-	W	562.9	W	W	W	W	W	645.6
March 2018	W	-	81.4	596.0	W	W	W	W	W	867.8
April 2017	-	-	W	538.1	W	W	W	W	W	610.7
Minnesota										
April 2018	-	W	W	W	NA	W	W	33.0	W	402.1
March 2018	-	W	W	W	W	W	W	130.3	W	495.2
April 2017	-	W	W	W	W	W	W	10.8	W	240.7
Missouri										
April 2018	W	W	W	W	-	-	W	W	-	321.4
March 2018	W	-	W	W	-	-	-	2.1	-	362.7
April 2017	W	-	W	W	-	-	W	0.6	-	176.3

See footnotes at end of table.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)										
Nebraska										
April 2018	W	-	W	W	-	-	W	3.4	-	179.1
March 2018	W	-	W	W	-	-	W	15.7	-	246.7
April 2017	W	-	W	W	-	-	W	3.2	W	W
North Dakota										
April 2018	-	-	W	W	W	-	W	80.2	W	391.1
March 2018	-	-	W	W	-	-	W	257.5	W	442.7
April 2017	-	-	W	W	-	-	-	6.5	W	221.8
Ohio										
April 2018	-	W	439.6	439.3	W	W	-	W	-	703.7
March 2018	W	W	445.3	452.0	W	W	-	W	-	655.5
April 2017	W	-	472.7	764.4	W	W	-	W	-	434.2
Oklahoma										
April 2018	W	-	W	438.0	-	W	-	W	-	225.4
March 2018	W	-	W	326.1	-	W	-	W	W	253.8
April 2017	W	-	W	612.8	-	W	-	W	W	169.6
South Dakota										
April 2018	-	-	W	-	-	-	W	7.9	W	117.2
March 2018	-	-	W	-	-	-	W	23.0	W	184.2
April 2017	W	-	W	-	-	-	W	3.4	W	W
Tennessee										
April 2018	W	W	W	168.2	W	W	-	W	-	153.2
March 2018	-	W	W	176.8	W	W	-	W	-	171.5
April 2017	-	W	W	191.5	W	W	-	-	-	133.6
Wisconsin										
April 2018	-	-	W	W	W	W	W	14.1	W	769.9
March 2018	-	-	W	W	W	W	W	41.3	W	775.0
April 2017	-	-	W	W	W	W	W	W	W	556.3
PAD District 3										
April 2018	W	102.9	5,792.1	18,584.0	-	W	-	-	4,043.5	7,527.5
March 2018	W	123.2	6,544.5	16,788.0	-	724.1	-	-	3,151.9	10,796.5
April 2017	W	103.6	6,739.8	19,654.9	-	W	-	-	5,609.0	10,111.2
Alabama										
April 2018	W	W	NA	83.5	-	W	-	-	-	211.4
March 2018	-	W	269.0	79.8	-	W	-	-	-	225.2
April 2017	-	W	127.6	62.7	-	W	-	-	-	153.9
Arkansas										
April 2018	W	W	W	W	-	-	-	-	-	W
March 2018	W	-	W	W	-	-	-	-	-	43.6
April 2017	W	W	W	W	-	-	-	-	-	W
Louisiana										
April 2018	-	8.0	317.0	6,048.1	-	W	-	-	W	196.7
March 2018	-	6.3	742.4	5,385.9	-	W	-	-	W	182.2
April 2017	-	8.0	1,617.0	6,258.7	-	W	-	-	1,092.1	95.1
Mississippi										
April 2018	-	W	W	1,727.9	-	W	-	-	-	389.4
March 2018	-	W	942.6	1,088.0	-	W	-	-	-	339.9
April 2017	-	W	1,011.7	2,408.0	-	-	-	-	-	189.7
New Mexico										
April 2018	W	-	W	W	-	-	-	-	-	W
March 2018	W	-	W	W	-	-	-	-	-	108.8
April 2017	W	-	W	W	-	-	-	-	-	W
Texas										
April 2018	W	W	4,094.1	10,601.6	-	W	-	-	W	6,606.2
March 2018	W	W	4,529.6	10,143.0	-	W	-	-	W	9,896.8
April 2017	W	93.5	3,921.0	10,845.0	-	W	-	-	4,516.9	9,613.6

See footnotes at end of table.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4										
April 2018	W	W	924.3	864.2	NA	-	W	W	W	854.8
March 2018	W	W	1,001.8	1,000.9	-	-	W	171.7	W	1,080.4
April 2017	W	W	916.8	938.3	-	-	W	W	W	722.7
Colorado										
April 2018	W	-	W	555.6	-	-	-	12.7	-	293.9
March 2018	W	-	280.9	607.7	-	-	-	60.1	W	387.7
April 2017	W	-	W	582.3	-	-	-	9.0	W	269.2
Idaho										
April 2018	-	-	W	15.8	NA	-	NA	1.3	W	22.6
March 2018	-	-	W	13.9	-	-	W	W	W	43.2
April 2017	-	-	W	20.6	-	-	W	W	W	W
Montana										
April 2018	W	W	W	W	-	-	W	15.3	W	94.4
March 2018	-	W	W	W	-	-	W	48.1	W	151.7
April 2017	W	W	W	W	-	-	W	5.7	W	140.7
Utah										
April 2018	W	W	486.9	NA	-	-	-	W	-	173.8
March 2018	W	W	485.1	296.7	-	-	-	W	-	121.0
April 2017	W	W	411.0	300.7	-	-	-	2.8	-	W
Wyoming										
April 2018	-	-	W	W	-	-	-	10.2	-	270.2
March 2018	-	-	W	W	-	-	NA	53.4	-	376.8
April 2017	-	-	W	W	-	-	-	4.2	W	213.6
PAD District 5										
April 2018	W	165.8	12,036.4	7,893.9	W	W	W	186.7	W	1,659.5
March 2018	W	W	12,718.5	8,439.5	NA	W	W	289.8	W	2,206.0
April 2017	W	W	13,028.2	7,859.3	W	W	W	144.2	W	1,866.3
Alaska										
April 2018	W	W	W	W	-	-	W	W	W	W
March 2018	W	W	W	W	-	-	W	W	W	W
April 2017	W	W	W	W	-	-	W	W	W	W
Arizona										
April 2018	W	W	128.8	292.6	-	-	-	-	-	183.8
March 2018	W	W	181.5	283.1	-	-	-	-	-	212.4
April 2017	W	W	210.0	221.2	-	-	-	-	W	389.4
California										
April 2018	-	W	7,367.5	6,168.2	-	W	-	-	-	950.4
March 2018	-	25.7	7,229.0	6,597.7	-	W	-	-	-	1,285.7
April 2017	-	31.4	7,682.5	6,595.8	-	W	-	-	W	976.0
Hawaii										
April 2018	-	W	W	W	-	-	-	-	-	W
March 2018	-	W	W	W	-	-	-	-	-	W
April 2017	-	W	W	W	-	-	-	-	-	W
Nevada										
April 2018	-	-	W	W	-	-	-	-	-	85.9
March 2018	-	-	W	W	-	-	-	-	-	106.9
April 2017	-	-	W	W	-	-	-	-	-	49.0
Oregon										
April 2018	-	15.0	W	67.8	-	-	-	NA	W	70.7
March 2018	-	W	W	W	-	-	-	NA	W	W
April 2017	-	12.0	396.1	44.0	-	-	-	W	W	W
Washington										
April 2018	-	W	1,798.0	208.2	W	-	W	W	W	344.7
March 2018	-	W	2,215.8	229.1	NA	-	W	W	W	515.1
April 2017	-	W	1,847.8	216.2	W	-	W	W	W	371.1

- = No data reported.
NA = Not available.
W = Withheld to avoid disclosure of individual company data.
Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2017 are final. Totals may not equal the sum of the components due to rounding.
Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report."

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state

thousand gallons per day

	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
Geographic area month	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
April 2018	11,968.4	152,336.5	W	W	W	W
March 2018	11,766.4	146,514.7	W	581.1	W	1,696.5
April 2017	11,688.1	136,466.2	W	W	W	W
PAD District 1						
April 2018	W	27,991.0	-	W	-	W
March 2018	W	26,837.5	-	W	-	W
April 2017	1,460.5	W	-	-	-	W
Subdistrict 1A						
April 2018	W	W	-	-	-	-
March 2018	W	W	-	-	-	-
April 2017	31.1	W	-	-	-	-
Connecticut						
April 2018	W	W	-	-	-	-
March 2018	W	W	-	-	-	-
April 2017	W	W	-	-	-	-
Maine						
April 2018	-	W	-	-	-	-
March 2018	-	W	-	-	-	-
April 2017	-	W	-	-	-	-
Massachusetts						
April 2018	W	W	-	-	-	-
March 2018	W	W	-	-	-	-
April 2017	W	166.0	-	-	-	-
New Hampshire						
April 2018	W	W	-	-	-	-
March 2018	W	W	-	-	-	-
April 2017	W	W	-	-	-	-
Rhode Island						
April 2018	W	W	-	-	-	-
March 2018	W	W	-	-	-	-
April 2017	W	W	-	-	-	-
Vermont						
April 2018	W	W	-	-	-	-
March 2018	W	W	-	-	-	-
April 2017	W	W	-	-	-	-
Subdistrict 1B						
April 2018	W	W	-	W	-	W
March 2018	W	W	-	W	-	W
April 2017	559.5	W	-	-	-	W
Delaware						
April 2018	W	W	-	-	-	-
March 2018	W	W	-	-	-	-
April 2017	1.7	W	-	-	-	-
District of Columbia						
April 2018	-	W	-	-	-	-
March 2018	-	W	-	-	-	-
April 2017	-	W	-	-	-	-
Maryland						
April 2018	-	W	-	-	-	W
March 2018	W	W	-	-	-	W
April 2017	-	W	-	-	-	-
New Jersey						
April 2018	159.8	4,705.5	-	W	-	W
March 2018	144.3	W	-	W	-	-
April 2017	165.0	3,731.1	-	-	-	-
New York						
April 2018	W	W	-	-	-	W
March 2018	W	W	-	-	-	W
April 2017	W	W	-	-	-	W
Pennsylvania						
April 2018	W	5,401.8	-	-	-	-
March 2018	W	4,141.9	-	-	-	-
April 2017	W	5,272.4	-	-	-	-

See footnotes at end of table.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)

thousand gallons per day

	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
Geographic area month	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
April 2018	793.7	14,459.7	-	W	-	-
March 2018	865.5	W	-	-	-	-
April 2017	870.0	W	-	-	-	-
Florida						
April 2018	255.2	W	-	W	-	-
March 2018	313.6	W	-	-	-	-
April 2017	326.0	4,466.2	-	-	-	-
Georgia						
April 2018	98.3	2,497.6	-	-	-	-
March 2018	89.2	2,480.0	-	-	-	-
April 2017	56.2	2,286.2	-	-	-	-
North Carolina						
April 2018	286.4	W	-	-	-	-
March 2018	293.6	W	-	-	-	-
April 2017	299.9	2,372.0	-	-	-	-
South Carolina						
April 2018	W	1,325.3	-	-	-	-
March 2018	W	1,472.4	-	-	-	-
April 2017	W	W	-	-	-	-
Virginia						
April 2018	7.3	W	-	-	-	-
March 2018	7.9	W	-	-	-	-
April 2017	17.8	2,178.3	-	-	-	-
West Virginia						
April 2018	W	W	-	-	-	-
March 2018	W	W	-	-	-	-
April 2017	W	317.5	-	-	-	-
PAD District 2						
April 2018	W	W	-	-	-	-
March 2018	W	W	-	-	-	-
April 2017	W	W	-	-	-	-
Illinois						
April 2018	W	6,936.8	-	-	-	-
March 2018	W	6,842.7	-	-	-	-
April 2017	W	5,522.8	-	-	-	-
Indiana						
April 2018	W	4,328.2	-	-	-	-
March 2018	W	4,035.4	-	-	-	-
April 2017	W	3,991.3	-	-	-	-
Iowa						
April 2018	21.4	2,289.7	-	-	-	-
March 2018	22.3	2,000.1	-	-	-	-
April 2017	13.7	2,071.5	-	-	-	-
Kansas						
April 2018	543.2	3,263.5	-	-	-	-
March 2018	W	3,076.8	-	-	-	-
April 2017	W	3,175.1	-	-	-	-
Kentucky						
April 2018	W	1,882.2	-	-	-	-
March 2018	W	1,867.0	-	-	-	-
April 2017	W	W	-	-	-	-
Michigan						
April 2018	W	W	-	-	-	-
March 2018	W	W	-	-	-	-
April 2017	W	W	-	-	-	-
Minnesota						
April 2018	W	W	-	-	-	-
March 2018	W	W	-	-	-	-
April 2017	W	2,196.9	-	-	-	-
Missouri						
April 2018	W	1,797.8	-	-	-	-
March 2018	W	1,569.6	-	-	-	-
April 2017	3.3	1,358.2	-	-	-	-

See footnotes at end of table.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)

thousand gallons per day

	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
Geographic area month	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
April 2018	W	1,677.4	-	-	-	-
March 2018	W	1,420.7	-	-	-	-
April 2017	W	1,585.0	-	-	-	-
North Dakota						
April 2018	W	1,553.2	-	-	-	-
March 2018	W	1,206.0	-	-	-	-
April 2017	W	1,419.7	-	-	-	-
Ohio						
April 2018	W	5,117.1	-	-	-	-
March 2018	W	4,827.6	-	-	-	-
April 2017	749.2	4,841.2	-	-	-	-
Oklahoma						
April 2018	441.2	6,543.2	-	-	-	-
March 2018	103.6	5,560.0	-	-	-	-
April 2017	W	5,314.0	-	-	-	-
South Dakota						
April 2018	W	692.5	-	-	-	-
March 2018	W	540.7	-	-	-	-
April 2017	W	668.7	-	-	-	-
Tennessee						
April 2018	300.3	3,136.6	-	-	-	-
March 2018	292.1	3,202.7	-	-	-	-
April 2017	299.0	3,066.7	-	-	-	-
Wisconsin						
April 2018	W	W	-	-	-	-
March 2018	W	W	-	-	-	-
April 2017	W	1,829.3	-	-	-	-
PAD District 3						
April 2018	2,735.9	52,201.6	W	W	W	W
March 2018	2,597.1	52,651.2	W	W	W	W
April 2017	W	W	W	W	-	882.1
Alabama						
April 2018	153.0	1,502.1	-	-	-	-
March 2018	153.7	1,424.2	-	-	-	-
April 2017	126.4	1,466.6	-	-	-	-
Arkansas						
April 2018	W	1,504.4	-	-	-	-
March 2018	W	1,383.4	-	-	-	-
April 2017	W	1,304.8	-	-	-	-
Louisiana						
April 2018	227.8	15,091.7	-	W	-	689.5
March 2018	200.0	11,955.8	-	W	-	396.8
April 2017	172.1	W	-	W	-	W
Mississippi						
April 2018	32.7	1,738.5	-	W	-	-
March 2018	52.7	2,097.6	-	W	-	-
April 2017	87.1	W	-	-	-	-
New Mexico						
April 2018	329.7	1,314.1	-	-	-	-
March 2018	319.6	1,316.2	-	-	-	-
April 2017	263.4	1,146.0	-	-	-	-
Texas						
April 2018	W	31,050.9	W	W	W	W
March 2018	W	34,474.0	W	W	W	W
April 2017	1,887.5	30,172.9	W	W	-	W

See footnotes at end of table.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)

thousand gallons per day

	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
Geographic area month	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
April 2018	W	6,544.7	-	-	-	-
March 2018	W	6,885.9	-	-	-	-
April 2017	W	6,541.3	-	-	-	-
Colorado						
April 2018	224.0	1,974.7	-	-	-	-
March 2018	229.6	2,010.8	-	-	-	-
April 2017	284.2	1,967.7	-	-	-	-
Idaho						
April 2018	W	779.3	-	-	-	-
March 2018	W	928.2	-	-	-	-
April 2017	W	751.4	-	-	-	-
Montana						
April 2018	172.6	1,173.2	-	-	-	-
March 2018	W	985.3	-	-	-	-
April 2017	213.4	1,087.8	-	-	-	-
Utah						
April 2018	W	1,495.5	-	-	-	-
March 2018	W	1,774.0	-	-	-	-
April 2017	W	1,652.7	-	-	-	-
Wyoming						
April 2018	391.9	1,121.9	-	-	-	-
March 2018	392.9	1,187.6	-	-	-	-
April 2017	401.6	1,081.7	-	-	-	-
PAD District 5						
April 2018	W	W	W	-	W	W
March 2018	W	W	W	-	W	W
April 2017	W	18,185.0	W	-	W	W
Alaska						
April 2018	W	W	-	-	-	-
March 2018	W	W	-	-	-	-
April 2017	W	W	-	-	-	-
Arizona						
April 2018	449.9	1,086.1	-	-	-	-
March 2018	415.7	1,092.9	-	-	-	-
April 2017	NA	1,054.5	-	-	-	-
California						
April 2018	1,202.7	W	-	-	-	W
March 2018	1,227.2	W	-	-	-	W
April 2017	1,174.5	W	-	-	-	W
Hawaii						
April 2018	W	W	W	-	W	W
March 2018	W	W	W	-	W	W
April 2017	W	W	W	-	W	W
Nevada						
April 2018	W	567.0	-	-	-	-
March 2018	W	479.2	-	-	-	-
April 2017	W	444.4	-	-	-	-
Oregon						
April 2018	3.8	2,151.3	-	-	-	-
March 2018	3.6	1,950.6	-	-	-	-
April 2017	7.3	1,921.0	-	-	-	-
Washington						
April 2018	W	3,028.6	-	-	-	-
March 2018	W	3,164.0	-	-	-	-
April 2017	W	3,174.3	-	-	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2017 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report."

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States				
April 2018	48.1	9,040.0	12,739.5	165,200.9
March 2018	54.3	9,469.4	12,769.8	158,261.6
April 2017	51.6	7,953.6	12,040.7	147,295.0
PAD District 1				
April 2018	W	6,718.3	1,425.6	34,862.6
March 2018	W	6,094.0	1,489.5	33,075.1
April 2017	5.9	4,880.6	1,466.4	29,615.2
Subdistrict 1A				
April 2018	-	W	W	1,720.3
March 2018	-	W	W	1,977.5
April 2017	-	W	31.1	1,223.6
Connecticut				
April 2018	-	W	W	402.3
March 2018	-	W	W	465.6
April 2017	-	W	W	377.9
Maine				
April 2018	-	W	-	W
March 2018	-	W	-	W
April 2017	-	W	-	101.4
Massachusetts				
April 2018	-	W	W	461.1
March 2018	-	W	W	391.2
April 2017	-	-	W	166.0
New Hampshire				
April 2018	-	-	W	W
March 2018	-	W	W	W
April 2017	-	W	W	W
Rhode Island				
April 2018	-	W	W	537.4
March 2018	-	W	W	645.8
April 2017	-	W	W	W
Vermont				
April 2018	-	W	W	W
March 2018	-	W	W	W
April 2017	-	W	W	W
Subdistrict 1B				
April 2018	W	5,834.0	W	18,657.8
March 2018	W	4,705.2	W	15,876.4
April 2017	5.9	4,193.6	565.3	15,284.1
Delaware				
April 2018	-	W	W	W
March 2018	-	W	W	W
April 2017	-	W	W	W
District of Columbia				
April 2018	-	-	-	W
March 2018	-	-	-	W
April 2017	-	-	-	W
Maryland				
April 2018	-	W	-	1,290.3
March 2018	-	W	W	1,484.5
April 2017	W	W	W	1,017.9
New Jersey				
April 2018	-	3,634.1	159.8	8,425.9
March 2018	-	2,844.4	144.3	7,527.5
April 2017	-	2,699.7	165.0	6,430.8
New York				
April 2018	W	640.7	174.7	1,718.1
March 2018	W	656.7	166.0	1,645.9
April 2017	W	379.7	167.2	1,238.4
Pennsylvania				
April 2018	W	1,108.6	268.1	6,510.4
March 2018	W	666.9	260.1	4,808.7
April 2017	W	921.4	231.0	6,193.9

See footnotes at end of table.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C				
April 2018	-	W	793.7	14,484.5
March 2018	-	W	865.5	15,221.2
April 2017	-	W	870.0	13,107.4
Florida				
April 2018	-	-	255.2	4,710.3
March 2018	-	W	313.6	5,276.7
April 2017	-	-	326.0	4,466.2
Georgia				
April 2018	-	-	98.3	2,497.6
March 2018	-	-	89.2	2,480.0
April 2017	-	-	56.2	2,286.2
North Carolina				
April 2018	-	W	286.4	2,658.1
March 2018	-	W	293.6	2,676.1
April 2017	-	156.2	299.9	2,528.2
South Carolina				
April 2018	-	-	W	1,325.3
March 2018	-	-	W	1,472.4
April 2017	-	W	W	1,331.0
Virginia				
April 2018	-	W	7.3	2,582.0
March 2018	-	W	7.9	2,564.0
April 2017	-	-	17.8	2,178.3
West Virginia				
April 2018	-	W	W	711.2
March 2018	-	W	W	752.1
April 2017	-	-	W	317.5
PAD District 2				
April 2018	W	W	4,412.4	46,117.4
March 2018	W	W	4,059.5	42,825.0
April 2017	W	W	4,186.5	41,178.9
Illinois				
April 2018	-	-	W	6,936.8
March 2018	-	-	W	6,842.7
April 2017	-	-	W	5,522.8
Indiana				
April 2018	-	-	W	4,328.2
March 2018	-	-	W	4,035.4
April 2017	-	-	W	3,991.3
Iowa				
April 2018	-	-	21.4	2,289.7
March 2018	-	-	22.3	2,000.1
April 2017	-	-	13.7	2,071.5
Kansas				
April 2018	-	-	543.2	3,263.5
March 2018	-	-	W	3,076.8
April 2017	-	-	W	3,175.1
Kentucky				
April 2018	-	-	W	1,882.2
March 2018	-	-	W	1,867.0
April 2017	-	W	W	1,761.8
Michigan				
April 2018	-	W	W	2,269.9
March 2018	-	W	W	2,213.6
April 2017	-	W	W	2,376.9
Minnesota				
April 2018	W	W	293.7	2,453.1
March 2018	W	W	255.8	2,150.8
April 2017	W	-	247.9	2,196.9
Missouri				
April 2018	-	-	W	1,797.8
March 2018	-	-	W	1,569.6
April 2017	-	-	3.3	1,358.2

See footnotes at end of table.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)				
Nebraska				
April 2018	-	-	W	1,677.4
March 2018	-	-	W	1,420.7
April 2017	-	-	W	1,585.0
North Dakota				
April 2018	W	-	W	1,553.2
March 2018	W	-	W	1,206.0
April 2017	W	-	W	1,419.7
Ohio				
April 2018	-	-	W	5,117.1
March 2018	-	-	W	4,827.6
April 2017	-	-	749.2	4,841.2
Oklahoma				
April 2018	-	-	441.2	6,543.2
March 2018	-	-	103.6	5,560.0
April 2017	-	-	W	5,314.0
South Dakota				
April 2018	W	-	W	692.5
March 2018	W	-	W	540.7
April 2017	W	-	W	668.7
Tennessee				
April 2018	-	-	300.3	3,136.6
March 2018	-	-	292.1	3,202.7
April 2017	-	-	299.0	3,066.7
Wisconsin				
April 2018	W	W	40.1	2,176.2
March 2018	W	W	37.9	2,311.1
April 2017	W	-	56.3	1,829.3
PAD District 3				
April 2018	-	2,264.8	3,104.7	57,724.0
March 2018	-	3,290.4	3,263.9	57,777.7
April 2017	-	2,972.9	2,615.5	51,482.3
Alabama				
April 2018	-	-	153.0	1,502.1
March 2018	-	-	153.7	1,424.2
April 2017	-	-	126.4	1,466.6
Arkansas				
April 2018	-	-	W	1,504.4
March 2018	-	-	W	1,383.4
April 2017	-	-	W	1,304.8
Louisiana				
April 2018	-	W	227.8	18,559.5
March 2018	-	W	200.0	13,512.8
April 2017	-	W	172.1	13,003.4
Mississippi				
April 2018	-	W	W	2,524.4
March 2018	-	W	W	3,084.6
April 2017	-	W	W	2,254.5
New Mexico				
April 2018	-	-	329.7	1,314.1
March 2018	-	-	319.6	1,316.2
April 2017	-	-	263.4	1,146.0
Texas				
April 2018	-	811.5	2,253.3	32,319.5
March 2018	-	1,596.6	2,431.8	37,056.5
April 2017	-	1,648.7	1,903.5	32,307.0

See footnotes at end of table.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4				
April 2018	W	-	1,211.4	6,544.7
March 2018	W	-	1,195.3	6,885.9
April 2017	W	-	1,328.5	6,541.3
Colorado				
April 2018	-	-	224.0	1,974.7
March 2018	-	-	229.6	2,010.8
April 2017	-	-	284.2	1,967.7
Idaho				
April 2018	W	-	51.3	779.3
March 2018	W	-	W	928.2
April 2017	W	-	73.7	751.4
Montana				
April 2018	-	-	172.6	1,173.2
March 2018	-	-	W	985.3
April 2017	-	-	213.4	1,087.8
Utah				
April 2018	W	-	371.6	1,495.5
March 2018	W	-	339.6	1,774.0
April 2017	W	-	355.6	1,652.7
Wyoming				
April 2018	-	-	391.9	1,121.9
March 2018	-	-	392.9	1,187.6
April 2017	-	-	401.6	1,081.7
PAD District 5				
April 2018	W	W	2,585.5	19,952.2
March 2018	W	W	2,761.5	17,697.9
April 2017	W	W	2,443.8	18,477.4
Alaska				
April 2018	W	W	W	W
March 2018	W	W	W	W
April 2017	W	W	W	W
Arizona				
April 2018	-	-	449.9	1,086.1
March 2018	-	-	415.7	1,092.9
April 2017	-	-	NA	1,054.5
California				
April 2018	-	-	1,202.7	12,650.4
March 2018	-	-	1,227.2	10,595.5
April 2017	-	-	1,174.5	11,314.2
Hawaii				
April 2018	-	-	W	W
March 2018	-	-	W	W
April 2017	-	-	W	W
Nevada				
April 2018	W	-	W	567.0
March 2018	W	-	141.3	479.2
April 2017	W	-	144.3	444.4
Oregon				
April 2018	-	-	3.8	2,151.3
March 2018	-	-	3.6	1,950.6
April 2017	-	-	7.3	1,921.0
Washington				
April 2018	W	-	240.6	3,028.6
March 2018	W	-	300.0	3,164.0
April 2017	W	-	209.0	3,174.3

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2017 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 44. Refiner residual fuel oil and no. 4 fuel volumes by PAD District

thousand gallons per day

Geographic area month	Residual fuel oil						No. 4 fuel[a]	
	Sulfur less than or equal to 1%		Sulfur greater than 1%		Total			
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States								
April 2018	W	250.9	W	7,015.3	3,052.1	7,266.1	-	W
March 2018	W	399.1	W	6,984.0	3,648.2	7,383.1	-	W
April 2017	W	280.3	W	5,912.2	3,840.0	6,192.6	W	W
PAD District 1								
April 2018	W	W	W	W	W	1,833.2	-	-
March 2018	W	W	W	W	W	1,791.5	-	-
April 2017	W	116.7	W	W	W	W	-	-
Subdistrict 1A								
April 2018	-	-	-	-	-	-	-	-
March 2018	-	-	-	-	-	-	-	-
April 2017	-	-	-	-	-	-	-	-
Subdistrict 1B								
April 2018	W	W	W	W	W	1,833.2	-	-
March 2018	W	W	W	W	W	W	-	-
April 2017	W	116.7	W	W	W	W	-	-
Subdistrict 1C								
April 2018	-	-	W	-	W	-	-	-
March 2018	-	-	W	W	W	W	-	-
April 2017	-	-	W	-	W	-	-	-
PAD District 2								
April 2018	-	-	W	121.8	W	121.8	-	-
March 2018	-	-	-	W	-	W	-	W
April 2017	-	-	-	W	-	W	-	W
PAD District 3								
April 2018	-	W	W	W	W	3,929.5	-	W
March 2018	-	W	W	W	W	4,243.3	-	W
April 2017	-	W	W	W	W	4,097.0	-	W
PAD District 4								
April 2018	-	-	-	W	-	W	-	-
March 2018	-	-	-	W	-	W	-	-
April 2017	-	-	-	W	-	W	W	-
PAD District 5								
April 2018	W	W	W	W	2,394.3	W	-	-
March 2018	W	W	W	W	2,765.5	1,203.7	-	-
April 2017	W	W	W	W	2,992.2	603.4	-	-

- = No data reported.
NA = Not available.
W = Withheld to avoid disclosure of individual company data.
Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2017 are final.
Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Prime Supplier Sales Volumes of Petroleum Products for Local Consumption

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state

thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
United States						
April 2018	222,176.4	105,513.3	327,689.7	3,662.9	2,238.6	5,901.5
March 2018	221,998.7	104,278.6	326,277.4	3,724.8	2,276.7	6,001.5
April 2017	220,872.2	105,354.9	326,227.1	4,289.9	2,586.6	6,876.5
PAD District 1						
April 2018	66,494.8	41,068.2	107,563.0	1,358.4	836.9	2,195.2
March 2018	66,868.4	40,295.0	107,163.4	1,331.4	814.8	2,146.3
April 2017	67,357.0	40,871.5	108,228.5	1,518.8	939.6	2,458.4
Subdistrict 1A						
April 2018	1,618.3	12,696.5	14,314.8	13.1	297.9	311.0
March 2018	1,648.9	12,510.5	14,159.3	12.8	286.9	299.7
April 2017	1,617.5	12,904.3	14,521.8	12.7	295.4	308.1
Connecticut						
April 2018	-	3,573.5	3,573.5	-	81.8	81.8
March 2018	-	3,560.2	3,560.2	-	80.0	80.0
April 2017	-	3,365.6	3,365.6	-	84.2	84.2
Maine						
April 2018	636.7	1,034.9	1,671.6	3.4	14.0	17.4
March 2018	626.5	1,060.3	1,686.8	2.6	13.5	16.0
April 2017	608.7	1,056.3	1,665.0	2.4	14.2	16.7
Massachusetts						
April 2018	-	5,460.0	5,460.0	-	149.3	149.3
March 2018	-	5,330.7	5,330.7	-	143.8	143.8
April 2017	-	6,043.8	6,043.8	-	143.2	143.2
New Hampshire						
April 2018	291.8	993.0	1,284.8	1.8	19.3	21.1
March 2018	289.1	994.4	1,283.5	2.0	19.0	21.0
April 2017	299.2	991.1	1,290.3	2.0	20.5	22.5
Rhode Island						
April 2018	-	1,635.1	1,635.1	-	33.5	33.5
March 2018	-	1,564.8	1,564.8	-	30.6	30.6
April 2017	-	1,447.6	1,447.6	-	33.3	33.3
Vermont						
April 2018	689.7	-	689.7	7.9	-	7.9
March 2018	733.3	-	733.3	8.3	-	8.3
April 2017	709.6	-	709.6	8.3	-	8.3
Subdistrict 1B						
April 2018	11,968.4	23,908.2	35,876.6	119.9	458.2	578.1
March 2018	12,021.3	23,491.4	35,512.6	118.9	447.9	566.8
April 2017	12,410.5	23,563.0	35,973.5	176.8	519.1	696.0
Delaware						
April 2018	-	1,174.0	1,174.0	-	9.6	9.6
March 2018	-	1,231.5	1,231.5	-	10.8	10.8
April 2017	-	1,135.4	1,135.4	-	14.3	14.3
District of Columbia						
April 2018	-	170.2	170.2	-	3.9	3.9
March 2018	-	163.6	163.6	-	4.0	4.0
April 2017	-	156.0	156.0	-	7.1	7.1
Maryland						
April 2018	528.2	4,515.7	5,043.9	4.5	48.0	52.5
March 2018	502.1	4,178.1	4,680.2	3.7	41.7	45.5
April 2017	560.5	4,478.8	5,039.4	4.4	82.8	87.2
New Jersey						
April 2018	-	8,562.4	8,562.4	-	122.1	122.1
March 2018	-	8,512.1	8,512.1	-	118.9	118.9
April 2017	-	8,690.2	8,690.2	-	126.0	126.0
New York						
April 2018	5,469.1	7,033.7	12,502.8	61.0	247.8	308.7
March 2018	5,553.5	6,965.6	12,519.0	60.5	244.7	305.3
April 2017	5,197.6	6,966.9	12,164.5	74.4	238.4	312.8
Pennsylvania						
April 2018	5,971.1	2,452.2	8,423.3	54.4	26.8	81.2
March 2018	5,965.7	2,440.4	8,406.1	54.6	27.7	82.3
April 2017	6,652.3	2,135.8	8,788.1	98.0	50.6	148.6

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
United States						
April 2018	22,600.0	19,297.1	41,897.1	248,439.3	127,049.1	375,488.4
March 2018	22,706.8	19,080.1	41,786.9	248,430.3	125,635.4	374,065.7
April 2017	22,918.8	19,510.2	42,429.1	248,081.0	127,451.7	375,532.7
PAD District 1						
April 2018	7,400.5	6,607.5	14,007.9	75,253.6	48,512.6	123,766.2
March 2018	7,429.2	6,388.8	13,818.0	75,628.9	47,498.7	123,127.6
April 2017	7,501.9	6,715.4	14,217.3	76,377.7	48,526.5	124,904.2
Subdistrict 1A						
April 2018	99.4	1,681.0	1,780.4	1,730.8	14,675.4	16,406.1
March 2018	126.7	1,619.9	1,746.6	1,788.5	14,417.2	16,205.7
April 2017	120.7	1,769.8	1,890.5	1,750.9	14,969.5	16,720.4
Connecticut						
April 2018	-	541.2	541.2	-	4,196.5	4,196.5
March 2018	-	530.7	530.7	-	4,171.0	4,171.0
April 2017	-	541.1	541.1	-	3,990.9	3,990.9
Maine						
April 2018	31.6	76.1	107.7	671.7	1,125.0	1,796.7
March 2018	41.3	77.5	118.8	670.3	1,151.3	1,821.6
April 2017	50.1	56.7	106.9	661.3	1,127.2	1,788.5
Massachusetts						
April 2018	-	752.2	752.2	-	6,361.5	6,361.5
March 2018	-	719.8	719.8	-	6,194.4	6,194.4
April 2017	-	872.3	872.3	-	7,059.3	7,059.3
New Hampshire						
April 2018	20.7	92.5	113.2	314.3	1,104.8	1,419.1
March 2018	24.6	91.0	115.6	315.7	1,104.4	1,420.1
April 2017	19.9	97.3	117.2	321.0	1,108.9	1,430.0
Rhode Island						
April 2018	-	219.0	219.0	-	1,887.6	1,887.6
March 2018	-	200.7	200.7	-	1,796.1	1,796.1
April 2017	-	202.3	202.3	-	1,683.2	1,683.2
Vermont						
April 2018	47.1	-	47.1	744.7	-	744.7
March 2018	60.9	-	60.9	802.5	-	802.5
April 2017	50.7	-	50.7	768.6	-	768.6
Subdistrict 1B						
April 2018	971.3	4,127.3	5,098.5	13,059.5	28,493.7	41,553.2
March 2018	1,035.1	4,008.0	5,043.1	13,175.3	27,947.2	41,122.5
April 2017	1,043.4	4,107.6	5,150.9	13,630.7	28,189.7	41,820.4
Delaware						
April 2018	-	125.4	125.4	-	1,309.1	1,309.1
March 2018	-	129.6	129.6	-	1,372.0	1,372.0
April 2017	-	122.6	122.6	-	1,272.3	1,272.3
District of Columbia						
April 2018	-	35.1	35.1	-	209.2	209.2
March 2018	-	32.9	32.9	-	200.5	200.5
April 2017	-	34.7	34.7	-	197.8	197.8
Maryland						
April 2018	42.5	766.1	808.6	575.1	5,329.8	5,904.9
March 2018	37.2	702.0	739.1	543.0	4,921.8	5,464.8
April 2017	40.4	764.6	805.0	605.4	5,326.2	5,931.5
New Jersey						
April 2018	-	1,259.3	1,259.3	-	9,943.8	9,943.8
March 2018	-	1,221.1	1,221.1	-	9,852.2	9,852.2
April 2017	-	1,307.0	1,307.0	-	10,123.1	10,123.1
New York						
April 2018	417.9	1,569.0	1,986.9	5,947.9	8,850.5	14,798.4
March 2018	441.6	1,569.2	2,010.9	6,055.6	8,779.5	14,835.2
April 2017	447.2	1,566.8	2,014.0	5,719.3	8,772.1	14,491.4
Pennsylvania						
April 2018	510.9	372.4	883.3	6,536.5	2,851.3	9,387.8
March 2018	556.3	353.1	909.5	6,576.7	2,821.2	9,397.9
April 2017	555.7	311.9	867.6	7,306.1	2,498.3	9,804.3

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
Subdistrict 1C						
April 2018	52,908.1	4,463.5	57,371.6	1,225.4	80.8	1,306.2
March 2018	53,198.2	4,293.2	57,491.4	1,199.7	80.0	1,279.7
April 2017	53,329.0	4,404.2	57,733.2	1,329.3	125.0	1,454.3
Florida						
April 2018	17,963.0	-	17,963.0	313.4	-	313.4
March 2018	18,064.2	-	18,064.2	325.7	-	325.7
April 2017	18,135.0	-	18,135.0	334.6	-	334.6
Georgia						
April 2018	11,883.3	-	11,883.3	356.6	-	356.6
March 2018	12,080.6	-	12,080.6	348.1	-	348.1
April 2017	11,998.6	-	11,998.6	379.4	-	379.4
North Carolina						
April 2018	10,761.0	-	10,761.0	285.6	-	285.6
March 2018	10,926.0	-	10,926.0	269.5	-	269.5
April 2017	10,891.7	-	10,891.7	291.6	-	291.6
South Carolina						
April 2018	6,488.7	-	6,488.7	186.9	-	186.9
March 2018	6,479.7	-	6,479.7	174.4	-	174.4
April 2017	6,613.8	-	6,613.8	214.1	-	214.1
Virginia						
April 2018	3,850.2	4,463.5	8,313.7	65.3	80.8	146.0
March 2018	3,700.8	4,293.2	7,994.0	65.0	80.0	145.0
April 2017	3,935.1	4,404.2	8,339.3	80.7	125.0	205.7
West Virginia						
April 2018	1,961.8	-	1,961.8	17.6	-	17.6
March 2018	1,947.0	-	1,947.0	16.9	-	16.9
April 2017	1,754.9	-	1,754.9	28.9	-	28.9
PAD District 2						
April 2018	77,080.3	13,366.9	90,447.2	1,124.3	192.4	1,316.7
March 2018	76,504.5	13,500.4	90,005.0	1,122.8	195.4	1,318.3
April 2017	78,457.4	13,794.1	92,251.5	1,320.2	218.9	1,539.1
Illinois						
April 2018	4,326.2	7,090.1	11,416.4	62.3	91.1	153.3
March 2018	4,339.5	7,092.7	11,432.3	67.3	92.2	159.5
April 2017	4,369.9	7,257.9	11,627.8	75.9	103.2	179.1
Indiana						
April 2018	6,677.8	1,037.2	7,715.0	87.5	21.9	109.4
March 2018	6,562.3	1,047.0	7,609.3	88.3	22.0	110.3
April 2017	6,989.8	1,144.6	8,134.4	100.2	23.6	123.8
Iowa						
April 2018	2,566.6	-	2,566.6	80.1	-	80.1
March 2018	2,428.1	-	2,428.1	87.6	-	87.6
April 2017	2,704.1	-	2,704.1	96.5	-	96.5
Kansas						
April 2018	4,066.2	-	4,066.2	56.7	-	56.7
March 2018	4,029.6	-	4,029.6	53.5	-	53.5
April 2017	4,089.8	-	4,089.8	61.1	-	61.1
Kentucky						
April 2018	4,028.3	1,116.2	5,144.5	56.0	17.7	73.7
March 2018	4,008.0	1,157.5	5,165.5	57.3	19.3	76.5
April 2017	4,134.0	1,098.0	5,232.0	62.3	17.2	79.4
Michigan						
April 2018	11,312.2	-	11,312.2	75.1	-	75.1
March 2018	11,649.2	-	11,649.2	72.3	-	72.3
April 2017	11,400.9	-	11,400.9	75.4	-	75.4
Minnesota						
April 2018	5,104.9	-	5,104.9	112.0	-	112.0
March 2018	5,032.3	-	5,032.3	111.6	-	111.6
April 2017	5,259.7	-	5,259.7	142.7	-	142.7
Missouri						
April 2018	5,023.4	2,238.5	7,261.9	82.5	41.9	124.4
March 2018	4,851.6	2,243.6	7,095.2	80.9	42.3	123.2
April 2017	5,007.6	2,403.2	7,410.8	82.0	45.6	127.6

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
Subdistrict 1C						
April 2018	6,329.8	799.2	7,129.0	60,463.3	5,343.5	65,806.8
March 2018	6,267.3	761.0	7,028.3	60,665.2	5,134.3	65,799.4
April 2017	6,337.8	838.1	7,175.9	60,996.1	5,367.3	66,363.4
Florida						
April 2018	2,540.7	-	2,540.7	20,817.1	-	20,817.1
March 2018	2,582.6	-	2,582.6	20,972.5	-	20,972.5
April 2017	2,493.3	-	2,493.3	20,962.9	-	20,962.9
Georgia						
April 2018	1,507.8	-	1,507.8	13,747.7	-	13,747.7
March 2018	1,510.1	-	1,510.1	13,938.8	-	13,938.8
April 2017	1,533.0	-	1,533.0	13,910.9	-	13,910.9
North Carolina						
April 2018	1,228.0	-	1,228.0	12,274.5	-	12,274.5
March 2018	1,166.5	-	1,166.5	12,362.0	-	12,362.0
April 2017	1,226.4	-	1,226.4	12,409.7	-	12,409.7
South Carolina						
April 2018	668.6	-	668.6	7,344.2	-	7,344.2
March 2018	635.1	-	635.1	7,289.2	-	7,289.2
April 2017	659.6	-	659.6	7,487.5	-	7,487.5
Virginia						
April 2018	287.4	799.2	1,086.6	4,202.8	5,343.5	9,546.3
March 2018	289.1	761.0	1,050.1	4,054.8	5,134.3	9,189.1
April 2017	325.9	838.1	1,164.0	4,341.7	5,367.3	9,709.0
West Virginia						
April 2018	97.4	-	97.4	2,076.9	-	2,076.9
March 2018	83.9	-	83.9	2,047.8	-	2,047.8
April 2017	99.6	-	99.6	1,883.4	-	1,883.4
PAD District 2						
April 2018	5,752.7	1,465.2	7,217.9	83,957.4	15,024.5	98,981.9
March 2018	5,614.3	1,506.0	7,120.3	83,241.7	15,201.8	98,443.5
April 2017	5,991.5	1,524.3	7,515.8	85,769.1	15,537.3	101,306.4
Illinois						
April 2018	194.3	912.5	1,106.8	4,582.8	8,093.7	12,676.5
March 2018	200.1	940.4	1,140.5	4,607.0	8,125.3	12,732.3
April 2017	219.3	946.4	1,165.7	4,665.1	8,307.4	12,972.5
Indiana						
April 2018	409.9	105.2	515.1	7,175.2	1,164.3	8,339.5
March 2018	401.2	109.4	510.5	7,051.7	1,178.4	8,230.1
April 2017	451.2	108.2	559.5	7,541.2	1,276.5	8,817.6
Iowa						
April 2018	286.1	-	286.1	2,932.8	-	2,932.8
March 2018	268.1	-	268.1	2,783.8	-	2,783.8
April 2017	299.0	-	299.0	3,099.6	-	3,099.6
Kansas						
April 2018	320.7	-	320.7	4,443.6	-	4,443.6
March 2018	310.2	-	310.2	4,393.2	-	4,393.2
April 2017	330.6	-	330.6	4,481.5	-	4,481.5
Kentucky						
April 2018	228.8	94.1	322.9	4,313.1	1,228.0	5,541.1
March 2018	214.4	97.4	311.7	4,279.7	1,274.1	5,553.8
April 2017	249.6	92.9	342.5	4,445.9	1,208.1	5,654.0
Michigan						
April 2018	617.4	-	617.4	12,004.7	-	12,004.7
March 2018	640.1	-	640.1	12,361.5	-	12,361.5
April 2017	644.7	-	644.7	12,120.9	-	12,120.9
Minnesota						
April 2018	452.3	-	452.3	5,669.2	-	5,669.2
March 2018	454.9	-	454.9	5,598.9	-	5,598.9
April 2017	458.4	-	458.4	5,860.8	-	5,860.8
Missouri						
April 2018	375.1	196.0	571.0	5,480.9	2,476.4	7,957.3
March 2018	349.2	193.1	542.2	5,281.7	2,478.9	7,760.6
April 2017	360.0	218.3	578.3	5,449.6	2,667.2	8,116.8

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 2 (cont.)						
Nebraska						
April 2018	1,937.8	-	1,937.8	38.7	-	38.7
March 2018	1,889.4	-	1,889.4	39.5	-	39.5
April 2017	1,841.7	-	1,841.7	41.4	-	41.4
North Dakota						
April 2018	922.1	-	922.1	23.6	-	23.6
March 2018	843.8	-	843.8	24.2	-	24.2
April 2017	1,121.2	-	1,121.2	39.0	-	39.0
Ohio						
April 2018	12,251.5	-	12,251.5	152.4	-	152.4
March 2018	12,054.8	-	12,054.8	149.3	-	149.3
April 2017	12,048.7	-	12,048.7	171.5	-	171.5
Oklahoma						
April 2018	5,213.4	-	5,213.4	68.3	-	68.3
March 2018	5,126.3	-	5,126.3	68.6	-	68.6
April 2017	5,194.3	-	5,194.3	74.3	-	74.3
South Dakota						
April 2018	977.3	-	977.3	25.3	-	25.3
March 2018	947.6	-	947.6	23.9	-	23.9
April 2017	946.0	-	946.0	30.5	-	30.5
Tennessee						
April 2018	8,761.1	-	8,761.1	165.2	-	165.2
March 2018	8,720.6	-	8,720.6	159.4	-	159.4
April 2017	8,882.7	-	8,882.7	199.5	-	199.5
Wisconsin						
April 2018	3,911.6	1,884.8	5,796.4	38.8	19.9	58.6
March 2018	4,021.3	1,959.6	5,980.9	39.1	19.6	58.8
April 2017	4,467.0	1,890.4	6,357.4	68.1	29.3	97.4
PAD District 3						
April 2018	49,189.3	15,750.4	64,939.7	559.0	290.2	849.2
March 2018	49,587.7	15,672.7	65,260.4	619.3	286.2	905.5
April 2017	46,531.8	15,310.8	61,842.7	760.3	350.1	1,110.4
Alabama						
April 2018	6,318.1	-	6,318.1	89.5	-	89.5
March 2018	6,184.5	-	6,184.5	83.9	-	83.9
April 2017	6,194.6	-	6,194.6	98.5	-	98.5
Arkansas						
April 2018	3,597.9	-	3,597.9	39.5	-	39.5
March 2018	3,662.3	-	3,662.3	42.5	-	42.5
April 2017	3,583.1	-	3,583.1	47.4	-	47.4
Louisiana						
April 2018	6,931.4	-	6,931.4	54.8	-	54.8
March 2018	8,049.3	-	8,049.3	60.3	-	60.3
April 2017	6,907.8	-	6,907.8	63.5	-	63.5
Mississippi						
April 2018	4,517.4	-	4,517.4	54.1	-	54.1
March 2018	4,269.2	-	4,269.2	56.5	-	56.5
April 2017	4,705.0	-	4,705.0	61.4	-	61.4
New Mexico						
April 2018	2,411.0	-	2,411.0	82.5	-	82.5
March 2018	2,540.7	-	2,540.7	93.4	-	93.4
April 2017	2,269.3	-	2,269.3	89.5	-	89.5
Texas						
April 2018	25,413.5	15,750.4	41,163.9	238.6	290.2	528.8
March 2018	24,881.7	15,672.7	40,554.4	282.9	286.2	569.1
April 2017	22,872.1	15,310.8	38,182.9	400.0	350.1	750.1

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 2 (cont.)						
Nebraska						
April 2018	220.9	-	220.9	2,197.4	-	2,197.4
March 2018	209.9	-	209.9	2,138.8	-	2,138.8
April 2017	209.6	-	209.6	2,092.6	-	2,092.6
North Dakota						
April 2018	85.4	-	85.4	1,031.1	-	1,031.1
March 2018	76.2	-	76.2	944.2	-	944.2
April 2017	102.9	-	102.9	1,263.0	-	1,263.0
Ohio						
April 2018	813.1	-	813.1	13,217.0	-	13,217.0
March 2018	791.6	-	791.6	12,995.7	-	12,995.7
April 2017	839.9	-	839.9	13,060.0	-	13,060.0
Oklahoma						
April 2018	467.2	-	467.2	5,748.9	-	5,748.9
March 2018	471.8	-	471.8	5,666.7	-	5,666.7
April 2017	477.4	-	477.4	5,746.0	-	5,746.0
South Dakota						
April 2018	97.6	-	97.6	1,100.2	-	1,100.2
March 2018	88.7	-	88.7	1,060.2	-	1,060.2
April 2017	98.2	-	98.2	1,074.8	-	1,074.8
Tennessee						
April 2018	887.2	-	887.2	9,813.5	-	9,813.5
March 2018	842.3	-	842.3	9,722.3	-	9,722.3
April 2017	908.5	-	908.5	9,990.7	-	9,990.7
Wisconsin						
April 2018	296.5	157.5	454.0	4,246.9	2,062.2	6,309.0
March 2018	295.8	165.8	461.6	4,356.3	2,145.1	6,501.4
April 2017	342.2	158.5	500.7	4,877.3	2,078.2	6,955.5
PAD District 3						
April 2018	4,013.8	2,200.8	6,214.6	53,762.1	18,241.4	72,003.5
March 2018	4,073.5	2,195.1	6,268.6	54,280.5	18,154.0	72,434.5
April 2017	4,071.3	2,291.9	6,363.2	51,363.5	17,952.8	69,316.3
Alabama						
April 2018	577.5	-	577.5	6,985.1	-	6,985.1
March 2018	512.8	-	512.8	6,781.2	-	6,781.2
April 2017	559.6	-	559.6	6,852.7	-	6,852.7
Arkansas						
April 2018	288.7	-	288.7	3,926.0	-	3,926.0
March 2018	291.2	-	291.2	3,996.0	-	3,996.0
April 2017	306.7	-	306.7	3,937.2	-	3,937.2
Louisiana						
April 2018	576.7	-	576.7	7,562.9	-	7,562.9
March 2018	577.4	-	577.4	8,686.9	-	8,686.9
April 2017	571.8	-	571.8	7,543.1	-	7,543.1
Mississippi						
April 2018	296.2	-	296.2	4,867.7	-	4,867.7
March 2018	309.6	-	309.6	4,635.3	-	4,635.3
April 2017	447.7	-	447.7	5,214.1	-	5,214.1
New Mexico						
April 2018	286.3	-	286.3	2,779.8	-	2,779.8
March 2018	314.5	-	314.5	2,948.6	-	2,948.6
April 2017	286.0	-	286.0	2,644.8	-	2,644.8
Texas						
April 2018	1,988.4	2,200.8	4,189.2	27,640.5	18,241.4	45,881.9
March 2018	2,068.0	2,195.1	4,263.1	27,232.6	18,154.0	45,386.6
April 2017	1,899.4	2,291.9	4,191.3	25,171.6	17,952.8	43,124.4

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 4						
April 2018	12,144.3	-	12,144.3	307.4	-	307.4
March 2018	12,089.8	-	12,089.8	307.9	-	307.9
April 2017	11,660.0	-	11,660.0	314.8	-	314.8
Colorado						
April 2018	5,306.8	-	5,306.8	126.5	-	126.5
March 2018	5,295.8	-	5,295.8	127.9	-	127.9
April 2017	4,829.6	-	4,829.6	133.9	-	133.9
Idaho						
April 2018	1,710.7	-	1,710.7	23.9	-	23.9
March 2018	1,667.7	-	1,667.7	22.1	-	22.1
April 2017	1,763.6	-	1,763.6	26.1	-	26.1
Montana						
April 2018	1,542.2	-	1,542.2	67.5	-	67.5
March 2018	1,466.9	-	1,466.9	67.6	-	67.6
April 2017	1,531.8	-	1,531.8	68.5	-	68.5
Utah						
April 2018	2,789.6	-	2,789.6	70.0	-	70.0
March 2018	2,858.6	-	2,858.6	73.6	-	73.6
April 2017	2,829.5	-	2,829.5	66.6	-	66.6
Wyoming						
April 2018	795.0	-	795.0	19.6	-	19.6
March 2018	800.8	-	800.8	16.7	-	16.7
April 2017	705.5	-	705.5	19.7	-	19.7
PAD District 5						
April 2018	17,267.7	35,327.8	52,595.5	313.8	919.1	1,232.9
March 2018	16,948.3	34,810.5	51,758.8	343.4	980.2	1,323.5
April 2017	16,866.0	35,378.4	52,244.4	375.7	1,078.0	1,453.7
Alaska						
April 2018	558.6	-	558.6	W	-	W
March 2018	576.1	-	576.1	W	-	W
April 2017	597.8	-	597.8	W	-	W
Arizona						
April 2018	W	W	7,557.5	W	W	138.7
March 2018	W	W	7,587.8	W	W	142.6
April 2017	W	W	7,653.4	W	W	160.0
California						
April 2018	-	30,670.5	30,670.5	-	832.9	832.9
March 2018	-	30,195.3	30,195.3	-	W	893.6
April 2017	-	30,550.7	30,550.7	-	975.5	975.5
Hawaii						
April 2018	970.8	-	970.8	W	-	W
March 2018	943.6	-	943.6	W	-	W
April 2017	962.9	-	962.9	W	-	W
Nevada						
April 2018	W	W	2,605.0	W	W	75.1
March 2018	W	W	2,519.7	82.4	-	82.4
April 2017	W	W	2,421.9	W	W	94.3
Oregon						
April 2018	3,688.1	-	3,688.1	25.8	-	25.8
March 2018	3,495.9	-	3,495.9	28.1	-	28.1
April 2017	3,839.6	-	3,839.6	34.5	-	34.5
Washington						
April 2018	6,545.1	-	6,545.1	80.6	-	80.6
March 2018	6,440.4	-	6,440.4	90.7	-	90.7
April 2017	6,218.0	-	6,218.0	100.9	-	100.9

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 4						
April 2018	2,428.0	-	2,428.0	14,879.7	-	14,879.7
March 2018	2,601.5	-	2,601.5	14,999.2	-	14,999.2
April 2017	2,448.1	-	2,448.1	14,422.9	-	14,422.9
Colorado						
April 2018	1,081.2	-	1,081.2	6,514.5	-	6,514.5
March 2018	1,112.3	-	1,112.3	6,536.1	-	6,536.1
April 2017	999.0	-	999.0	5,962.5	-	5,962.5
Idaho						
April 2018	262.0	-	262.0	1,996.6	-	1,996.6
March 2018	275.6	-	275.6	1,965.5	-	1,965.5
April 2017	273.5	-	273.5	2,063.2	-	2,063.2
Montana						
April 2018	266.5	-	266.5	1,876.2	-	1,876.2
March 2018	259.7	-	259.7	1,794.2	-	1,794.2
April 2017	289.9	-	289.9	1,890.3	-	1,890.3
Utah						
April 2018	669.6	-	669.6	3,529.1	-	3,529.1
March 2018	799.2	-	799.2	3,731.4	-	3,731.4
April 2017	748.4	-	748.4	3,644.5	-	3,644.5
Wyoming						
April 2018	148.7	-	148.7	963.3	-	963.3
March 2018	154.6	-	154.6	972.1	-	972.1
April 2017	137.2	-	137.2	862.4	-	862.4
PAD District 5						
April 2018	3,005.0	9,023.6	12,028.6	20,586.5	45,270.6	65,857.1
March 2018	2,988.4	8,990.2	11,978.6	20,280.0	44,780.9	65,060.9
April 2017	2,906.1	8,978.6	11,884.7	20,147.8	45,435.1	65,582.9
Alaska						
April 2018	W	-	W	627.1	-	627.1
March 2018	W	-	W	655.4	-	655.4
April 2017	W	-	W	679.4	-	679.4
Arizona						
April 2018	W	W	1,004.9	W	W	8,701.1
March 2018	W	W	1,046.3	W	W	8,776.6
April 2017	W	W	1,059.6	W	W	8,873.0
California						
April 2018	-	8,402.1	8,402.1	-	39,905.6	39,905.6
March 2018	-	W	8,340.9	-	39,429.8	39,429.8
April 2017	-	8,264.8	8,264.8	-	39,791.1	39,791.1
Hawaii						
April 2018	W	-	W	1,282.7	-	1,282.7
March 2018	W	-	W	1,252.1	-	1,252.1
April 2017	W	-	W	1,284.8	-	1,284.8
Nevada						
April 2018	W	W	626.7	W	W	3,306.7
March 2018	593.0	-	593.0	W	W	3,195.1
April 2017	W	W	603.0	W	W	3,119.3
Oregon						
April 2018	482.8	-	482.8	4,196.7	-	4,196.7
March 2018	474.4	-	474.4	3,998.3	-	3,998.3
April 2017	491.3	-	491.3	4,365.4	-	4,365.4
Washington						
April 2018	1,211.6	-	1,211.6	7,837.3	-	7,837.3
March 2018	1,222.5	-	1,222.5	7,753.6	-	7,753.6
April 2017	1,151.0	-	1,151.0	7,469.9	-	7,469.9

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2017 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration, Form EIA-782C, "Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption."

Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil: Sulfur less than or equal to 1%	Residual fuel oil: Sulfur greater than 1%	Total residual fuel oil
United States							
April 2018	523.7	61,558.7	W	30,309.8	1,211.9	9,625.1	10,837.0
March 2018	350.5	63,288.5	W	35,738.2	1,250.1	11,479.6	12,729.8
April 2017	403.8	64,230.5	186.1	27,159.4	1,150.4	10,746.4	11,896.7
PAD District 1							
April 2018	142.4	15,020.4	W	8,260.7	203.7	3,459.0	3,662.7
March 2018	115.1	14,432.5	W	10,066.4	287.9	4,401.0	4,688.9
April 2017	128.5	15,317.4	174.1	5,559.7	W	W	3,459.4
Subdistrict 1A							
April 2018	13.6	1,386.5	W	1,781.4	W	W	60.8
March 2018	9.0	1,356.7	W	2,332.3	W	W	46.3
April 2017	10.9	1,500.4	W	1,463.9	W	W	29.0
Connecticut							
April 2018	2.1	175.3	-	193.0	-	-	-
March 2018	W	173.0	-	251.7	-	-	-
April 2017	1.8	164.6	W	156.4	W	-	W
Maine							
April 2018	1.8	86.2	-	404.8	W	W	22.0
March 2018	W	59.4	-	556.3	W	W	11.9
April 2017	W	106.1	W	353.2	W	W	5.3
Massachusetts							
April 2018	7.1	939.9	W	409.9	W	W	20.1
March 2018	5.4	964.7	W	495.2	W	W	W
April 2017	5.4	1,062.4	W	338.9	W	W	W
New Hampshire							
April 2018	1.3	54.8	W	421.9	W	W	W
March 2018	W	49.1	W	571.6	W	W	W
April 2017	1.4	69.4	W	339.6	W	W	W
Rhode Island							
April 2018	W	102.9	-	44.9	W	-	W
March 2018	W	88.4	W	69.8	W	-	W
April 2017	W	76.8	W	31.7	W	-	W
Vermont							
April 2018	W	27.5	W	307.0	W	W	W
March 2018	W	22.2	W	387.7	W	W	W
April 2017	W	21.1	W	244.0	W	-	W
Subdistrict 1B							
April 2018	23.8	8,495.8	W	3,523.5	W	W	2,310.7
March 2018	19.0	8,014.5	W	4,005.2	W	W	2,939.5
April 2017	25.2	8,304.8	W	2,206.4	240.1	1,704.0	1,944.1
Delaware							
April 2018	1.6	9.6	-	205.8	W	-	W
March 2018	W	10.4	-	178.8	W	-	W
April 2017	W	W	-	W	W	-	W
District of Columbia							
April 2018	-	-	-	-	-	-	-
March 2018	-	-	-	-	-	-	-
April 2017	-	W	-	W	-	-	-
Maryland							
April 2018	2.8	206.4	-	278.3	-	W	W
March 2018	W	200.9	-	428.6	-	W	W
April 2017	W	129.9	-	219.9	-	-	-
New Jersey							
April 2018	4.5	2,749.5	W	213.0	W	W	1,421.6
March 2018	4.1	2,533.3	W	283.3	W	W	1,884.1
April 2017	5.1	2,813.8	-	192.1	W	W	960.8
New York							
April 2018	6.4	3,337.0	W	1,163.1	39.3	727.9	767.2
March 2018	5.8	3,382.3	W	1,377.6	W	W	769.0
April 2017	6.2	3,564.2	W	870.5	W	W	860.0
Pennsylvania							
April 2018	8.4	2,193.3	-	1,663.3	W	W	W
March 2018	4.4	1,887.6	-	1,736.9	W	W	W
April 2017	8.5	1,786.7	-	790.6	W	46.2	W

See footnotes at end of table.

Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil: Sulfur less than or equal to 1%	Residual fuel oil: Sulfur greater than 1%	Total residual fuel oil
Subdistrict 1C							
April 2018	105.0	5,138.1	-	2,955.8	-	1,291.2	1,291.2
March 2018	87.1	5,061.2	-	3,728.9	-	1,703.1	1,703.1
April 2017	92.4	5,512.2	-	1,889.4	-	1,486.3	1,486.3
Florida							
April 2018	62.1	3,120.1	-	679.3	-	1,052.2	1,052.2
March 2018	55.7	3,271.7	-	676.9	-	1,311.3	1,311.3
April 2017	58.0	3,441.0	-	566.0	-	1,073.4	1,073.4
Georgia							
April 2018	15.3	341.0	-	511.5	-	70.7	70.7
March 2018	11.6	259.2	-	613.8	-	57.6	57.6
April 2017	12.8	538.6	-	270.1	-	W	W
North Carolina							
April 2018	11.3	304.3	-	711.3	-	W	W
March 2018	8.5	322.6	-	1,045.0	-	W	W
April 2017	7.9	260.5	-	425.0	-	W	W
South Carolina							
April 2018	W	272.5	-	461.8	-	W	W
March 2018	5.4	250.0	-	573.0	-	W	W
April 2017	W	212.4	-	277.5	-	W	W
Virginia							
April 2018	8.3	1,081.5	-	445.0	-	W	W
March 2018	5.1	938.2	-	660.9	-	W	W
April 2017	6.8	1,039.6	-	265.4	-	W	W
West Virginia							
April 2018	W	18.7	-	146.8	-	-	-
March 2018	0.8	19.5	-	159.3	-	-	-
April 2017	W	20.1	-	85.4	-	-	-
PAD District 2							
April 2018	90.5	10,471.9	-	8,612.0	W	108.3	W
March 2018	76.0	10,646.0	W	10,356.0	-	W	W
April 2017	88.9	10,143.0	W	5,588.8	-	W	W
Illinois							
April 2018	8.0	2,853.8	-	913.1	-	W	W
March 2018	7.2	2,769.2	-	1,099.7	-	W	W
April 2017	8.2	2,812.6	-	522.8	-	W	W
Indiana							
April 2018	6.8	1,106.1	-	417.6	-	W	W
March 2018	5.4	1,115.6	-	545.6	-	W	W
April 2017	8.6	914.2	-	275.7	-	W	W
Iowa							
April 2018	3.4	88.7	-	833.9	-	-	-
March 2018	2.9	94.5	-	1,018.6	-	-	-
April 2017	3.5	81.9	-	449.3	-	-	-
Kansas							
April 2018	6.4	185.0	-	585.1	-	-	-
March 2018	5.1	352.6	-	753.2	-	-	-
April 2017	4.7	97.3	-	602.1	-	-	-
Kentucky							
April 2018	3.5	1,384.6	-	299.1	-	W	W
March 2018	2.1	1,415.4	W	461.5	-	-	-
April 2017	3.2	1,154.7	W	165.0	-	W	W
Michigan							
April 2018	6.7	652.8	-	1,098.3	-	W	W
March 2018	8.0	669.2	-	1,227.4	-	W	W
April 2017	7.4	467.4	-	871.4	-	W	W
Minnesota							
April 2018	6.3	382.7	-	615.5	-	W	W
March 2018	6.1	387.2	-	839.2	-	W	W
April 2017	7.0	364.4	-	403.4	-	W	W
Missouri							
April 2018	6.4	341.0	-	694.9	-	-	-
March 2018	6.5	293.9	-	803.6	-	-	-
April 2017	6.7	278.5	-	377.3	-	-	-

See footnotes at end of table.

Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil: Sulfur less than or equal to 1%	Residual fuel oil: Sulfur greater than 1%	Total residual fuel oil
PAD District 2 (cont.)							
Nebraska							
April 2018	4.5	155.2	-	234.0	-	-	-
March 2018	3.8	166.1	-	301.5	-	-	-
April 2017	2.9	125.7	-	142.4	-	-	-
North Dakota							
April 2018	5.4	111.9	-	470.1	-	-	-
March 2018	W	75.2	-	540.5	-	-	-
April 2017	4.6	75.7	-	254.6	-	-	-
Ohio							
April 2018	8.0	964.6	-	781.4	W	W	W
March 2018	7.3	971.5	-	896.2	-	W	W
April 2017	10.5	1,276.7	-	405.9	-	-	-
Oklahoma							
April 2018	7.7	639.2	-	203.9	-	-	-
March 2018	5.4	690.1	-	235.8	-	-	-
April 2017	5.1	959.2	-	151.6	-	-	-
South Dakota							
April 2018	2.1	40.7	-	195.3	-	W	W
March 2018	W	35.9	-	251.0	-	W	W
April 2017	3.0	37.7	-	123.5	-	W	W
Tennessee							
April 2018	10.0	1,407.0	-	190.8	-	W	W
March 2018	7.2	1,423.4	-	235.5	-	W	W
April 2017	7.2	1,341.0	-	142.8	-	W	W
Wisconsin							
April 2018	5.3	158.6	-	1,079.2	-	W	W
March 2018	5.4	186.2	-	1,146.7	-	W	W
April 2017	6.3	156.1	-	701.1	-	W	W
PAD District 3							
April 2018	79.9	16,535.3	-	10,434.5	W	W	3,226.0
March 2018	71.9	16,264.3	-	10,915.7	W	W	3,563.6
April 2017	82.3	17,274.7	-	12,902.0	112.2	4,106.7	4,219.0
Alabama							
April 2018	6.9	334.0	-	243.5	-	W	W
March 2018	6.2	383.0	-	293.1	-	W	W
April 2017	6.8	211.8	-	166.9	-	W	W
Arkansas							
April 2018	5.1	147.6	-	133.0	-	-	-
March 2018	4.6	128.9	-	170.3	-	-	-
April 2017	3.7	123.1	-	87.5	-	-	-
Louisiana							
April 2018	10.2	3,051.1	-	999.1	-	394.9	394.9
March 2018	5.6	3,529.4	-	851.0	W	W	816.6
April 2017	8.7	3,845.4	-	1,212.9	-	1,216.6	1,216.6
Mississippi							
April 2018	3.8	1,888.7	-	218.3	-	W	W
March 2018	3.4	1,569.8	-	289.0	-	W	W
April 2017	3.6	2,178.4	-	160.4	-	W	W
New Mexico							
April 2018	4.4	137.7	-	202.1	-	-	-
March 2018	2.5	128.8	-	243.6	-	-	-
April 2017	4.9	128.3	-	112.9	-	-	-
Texas							
April 2018	49.5	10,976.3	-	8,638.5	W	W	2,771.3
March 2018	49.5	10,524.4	-	9,068.8	88.1	2,569.6	2,657.7
April 2017	54.6	10,787.6	-	11,161.3	W	W	2,867.9

See footnotes at end of table.

Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil: Sulfur less than or equal to 1%	Residual fuel oil: Sulfur greater than 1%	Total residual fuel oil
PAD District 4							
April 2018	25.1	1,733.2	-	886.2	-	W	W
March 2018	16.1	2,353.6	-	1,261.6	-	W	W
April 2017	19.5	1,852.7	W	695.7	-	W	W
Colorado							
April 2018	9.2	837.0	-	256.2	-	-	-
March 2018	7.0	1,297.1	-	394.6	-	-	-
April 2017	6.4	919.3	-	235.0	-	-	-
Idaho							
April 2018	2.9	94.3	-	78.5	-	-	-
March 2018	3.4	98.5	-	135.3	-	-	-
April 2017	2.9	78.0	-	78.9	-	-	-
Montana							
April 2018	5.1	81.8	-	161.2	-	-	-
March 2018	W	117.7	-	263.3	-	-	-
April 2017	3.4	73.4	-	137.0	-	-	-
Utah							
April 2018	6.3	659.1	-	192.7	-	-	-
March 2018	3.5	766.9	-	158.9	-	-	-
April 2017	6.0	709.7	W	93.4	-	-	-
Wyoming							
April 2018	1.6	60.9	-	197.6	-	W	W
March 2018	W	73.3	-	309.6	-	W	W
April 2017	0.9	72.2	-	151.4	-	W	W
PAD District 5							
April 2018	185.8	17,797.9	-	2,116.4	W	W	3,826.5
March 2018	71.5	19,592.2	-	3,138.5	W	W	4,432.4
April 2017	84.6	19,642.8	-	2,413.2	W	W	4,122.8
Alaska							
April 2018	W	1,369.0	-	W	-	-	-
March 2018	W	1,777.1	-	W	-	-	-
April 2017	W	1,832.4	-	W	-	-	-
Arizona							
April 2018	18.0	432.4	-	259.8	-	-	-
March 2018	19.7	512.5	-	297.2	-	-	-
April 2017	19.4	456.0	-	347.0	-	-	-
California							
April 2018	139.2	11,479.1	-	1,091.6	W	W	1,970.4
March 2018	34.0	12,044.7	-	1,729.6	W	W	2,282.0
April 2017	41.2	12,968.2	-	1,257.5	W	W	2,212.1
Hawaii							
April 2018	W	1,419.6	-	W	W	W	1,014.2
March 2018	W	1,587.2	-	W	W	174.5	W
April 2017	W	1,216.2	-	W	W	W	941.1
Nevada							
April 2018	W	523.6	-	108.9	-	-	-
March 2018	W	637.3	-	181.9	-	-	-
April 2017	W	634.4	-	95.9	-	-	-
Oregon							
April 2018	11.4	490.0	-	162.0	-	-	-
March 2018	6.3	491.9	-	187.5	-	-	-
April 2017	9.9	442.4	-	138.5	-	-	-
Washington							
April 2018	9.4	2,084.2	-	445.3	-	841.9	841.9
March 2018	5.4	2,541.4	-	686.2	-	W	W
April 2017	7.4	2,093.3	-	538.1	-	969.6	969.6

- = No data reported.
NA = Not available.
W = Withheld to avoid disclosure of individual company data.
[a] Includes No. 4 fuel oil and No. 4 diesel fuel.
Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2017 are final. Totals may not equal the sum of the components due to rounding.
Sources: - U.S. Energy Information Administration, Form EIA-782C, "Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption."

Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state

thousand gallons per day

Geographic area month	Kerosene	No. 1 distillate	No. 2 distillate					Total distillate and kerosene
				No. 2 diesel fuel				
			No. 2 fuel oil	Ultra-low sulfur	Low-sulfur	High-sulfur	No. 2 distillate	
United States								
April 2018	921.0	W	9,408.6	162,318.5	119.1	1,721.8	173,568.0	175,156.9
March 2018	W	1,267.6	12,175.7	162,300.9	167.8	1,788.0	176,432.4	178,969.4
April 2017	750.7	335.1	6,823.4	154,272.5	134.1	1,220.6	162,450.7	163,722.5
PAD District 1								
April 2018	174.2	W	9,031.8	39,010.3	-	240.5	48,282.5	48,602.3
March 2018	368.0	W	11,580.5	40,267.5	-	208.4	52,056.4	52,559.6
April 2017	132.0	18.9	6,433.3	37,294.1	-	237.2	43,964.6	44,289.7
Subdistrict 1A								
April 2018	73.8	W	4,156.3	W	-	W	7,405.2	7,492.5
March 2018	133.4	W	5,924.2	W	-	W	9,141.3	9,301.1
April 2017	57.8	W	3,145.8	W	-	W	6,169.5	6,247.0
Connecticut								
April 2018	W	W	920.4	698.0	-	-	1,618.4	1,624.0
March 2018	3.7	4.7	1,347.3	664.0	-	-	2,011.3	2,019.7
April 2017	W	0.9	702.2	675.9	-	-	1,378.0	1,380.1
Maine								
April 2018	W	W	760.3	W	-	W	1,278.3	1,330.6
March 2018	W	W	1,118.8	W	-	W	1,711.6	1,802.3
April 2017	39.5	W	619.2	W	-	W	1,090.2	1,131.1
Massachusetts								
April 2018	3.4	W	1,238.8	W	-	W	2,388.5	2,394.4
March 2018	W	4.8	1,682.8	1,089.5	-	-	2,772.4	2,788.1
April 2017	3.0	W	935.4	1,052.3	-	-	1,987.7	1,995.4
New Hampshire								
April 2018	12.8	W	524.4	314.3	-	-	838.7	854.7
March 2018	23.4	W	763.5	322.1	-	-	1,085.6	1,118.2
April 2017	11.1	W	413.7	289.7	-	-	703.3	718.6
Rhode Island								
April 2018	W	W	465.7	W	-	W	877.6	878.0
March 2018	W	W	677.3	393.5	-	-	1,070.9	1,071.9
April 2017	W	W	286.5	W	-	W	660.1	661.8
Vermont								
April 2018	3.5	W	246.7	157.1	-	-	403.8	410.8
March 2018	6.5	W	334.5	155.1	-	-	489.6	500.8
April 2017	3.3	W	188.9	161.3	-	-	350.2	359.9
Subdistrict 1B								
April 2018	80.4	W	4,804.5	W	-	W	18,185.9	18,384.4
March 2018	177.7	W	5,574.0	W	-	W	19,158.2	19,428.4
April 2017	65.0	W	3,231.4	12,733.9	-	171.2	16,136.5	16,373.0
Delaware								
April 2018	0.8	-	W	W	-	-	739.3	740.1
March 2018	W	-	W	W	-	-	W	507.4
April 2017	W	-	W	339.3	-	W	W	453.4
District of Columbia								
April 2018	-	-	W	W	-	-	47.8	47.8
March 2018	-	-	W	W	-	-	46.0	46.0
April 2017	-	-	W	W	-	-	47.0	47.0
Maryland								
April 2018	8.1	-	219.5	W	-	W	1,883.8	1,891.9
March 2018	W	-	434.9	1,695.5	-	W	W	2,151.6
April 2017	3.8	-	100.4	W	-	W	1,684.6	1,688.4
New Jersey								
April 2018	W	-	986.7	W	-	W	4,407.6	4,409.2
March 2018	14.9	W	886.6	W	-	W	4,632.6	4,648.9
April 2017	W	-	926.9	W	-	60.8	W	3,851.7
New York								
April 2018	47.3	W	2,252.7	W	-	W	5,484.5	5,647.8
March 2018	89.7	W	2,596.4	W	-	W	5,838.5	6,018.1
April 2017	W	4.9	1,329.7	3,160.1	-	95.3	4,585.1	4,783.6
Pennsylvania								
April 2018	W	W	1,050.5	W	-	W	5,622.9	5,647.6
March 2018	W	W	1,504.5	W	-	W	6,002.1	6,056.3
April 2017	W	W	759.5	W	-	W	5,538.0	5,549.0

See footnotes at end of table.

Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Kerosene	No. 1 distillate	No. 2 distillate					Total distillate and kerosene
				No. 2 diesel fuel				
			No. 2 fuel oil	Ultra-low sulfur	Low-sulfur	High-sulfur	No. 2 distillate	
Subdistrict 1C								
April 2018	20.0	13.9	71.0	W	-	W	22,691.5	22,725.4
March 2018	56.9	16.4	82.4	W	-	W	23,756.9	23,830.2
April 2017	9.2	1.8	56.1	W	-	W	21,658.6	21,669.7
Florida								
April 2018	W	-	-	6,089.9	-	W	W	6,145.3
March 2018	W	-	-	6,441.6	-	W	W	6,527.6
April 2017	W	-	-	6,103.6	-	W	W	6,158.4
Georgia								
April 2018	W	W	-	W	-	W	4,807.7	4,809.7
March 2018	W	W	-	W	-	W	4,862.3	4,865.0
April 2017	W	W	-	W	-	W	4,551.0	4,552.8
North Carolina								
April 2018	W	W	W	3,638.7	-	W	3,660.7	3,671.1
March 2018	W	W	W	3,903.6	-	W	3,928.3	3,963.6
April 2017	3.6	-	W	W	-	-	3,585.8	3,589.4
South Carolina								
April 2018	1.7	-	W	2,894.9	-	W	2,901.0	2,902.7
March 2018	5.3	-	W	W	-	-	3,031.3	3,036.6
April 2017	W	-	W	2,823.4	-	W	W	2,838.4
Virginia								
April 2018	W	W	38.1	W	-	W	3,932.5	3,948.7
March 2018	W	W	38.8	W	-	W	4,105.4	4,124.7
April 2017	W	W	9.3	W	-	W	3,593.8	3,596.5
West Virginia								
April 2018	W	W	13.6	W	-	-	W	1,247.9
March 2018	W	W	19.1	W	-	-	W	1,312.6
April 2017	W	W	W	W	-	-	931.4	934.3
PAD District 2								
April 2018	44.1	213.0	50.0	W	-	W	52,420.1	52,677.2
March 2018	W	641.3	55.0	W	-	W	49,137.2	49,862.6
April 2017	19.7	W	53.1	W	-	W	48,725.4	48,813.7
Illinois								
April 2018	1.8	6.5	-	5,890.3	-	-	5,890.3	5,898.6
March 2018	3.0	33.7	-	5,844.2	-	-	5,844.2	5,880.9
April 2017	W	W	-	5,472.1	-	-	5,472.1	5,475.4
Indiana								
April 2018	W	W	-	W	-	W	4,849.5	4,857.8
March 2018	11.6	9.4	-	W	-	W	4,560.4	4,581.4
April 2017	W	W	-	4,758.0	-	-	4,758.0	4,760.8
Iowa								
April 2018	0.4	8.3	W	W	-	-	3,017.9	3,026.6
March 2018	0.8	30.9	W	W	-	-	2,564.5	2,596.2
April 2017	0.8	3.2	W	W	-	-	2,774.7	2,778.7
Kansas								
April 2018	W	W	-	3,014.8	-	-	3,014.8	3,024.8
March 2018	W	W	-	3,147.6	-	-	3,147.6	3,178.4
April 2017	W	W	-	2,819.2	-	-	2,819.2	2,824.8
Kentucky								
April 2018	W	W	-	W	-	W	2,736.3	2,743.1
March 2018	W	W	-	W	-	W	2,644.5	2,664.3
April 2017	W	W	W	W	-	-	2,474.2	2,488.1
Michigan								
April 2018	W	W	W	3,047.3	-	W	3,059.4	3,080.8
March 2018	W	W	W	2,908.7	-	W	2,911.9	2,947.3
April 2017	W	W	W	W	-	W	2,941.1	2,948.0
Minnesota								
April 2018	1.2	41.1	W	W	-	-	2,237.6	2,279.8
March 2018	1.9	127.5	W	W	-	-	2,230.5	2,359.9
April 2017	3.8	11.8	W	W	-	-	2,438.2	2,453.8
Missouri								
April 2018	0.2	0.7	W	W	-	-	4,180.3	4,181.2
March 2018	0.5	8.3	W	W	-	-	4,006.8	4,015.6
April 2017	W	W	W	W	-	-	3,632.2	3,633.6

See footnotes at end of table.

Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Kerosene	No. 1 distillate	No. 2 distillate					Total distillate and kerosene
				No. 2 diesel fuel				
			No. 2 fuel oil	Ultra-low sulfur	Low-sulfur	High-sulfur	No. 2 distillate	
PAD District 2 (cont.)								
Nebraska								
April 2018	-	3.9	W	W	-	-	2,386.0	2,389.9
March 2018	W	W	-	1,967.1	-	-	1,967.1	1,990.0
April 2017	-	4.1	W	W	-	-	2,104.0	2,108.0
North Dakota								
April 2018	W	W	W	W	-	-	1,858.0	1,955.4
March 2018	W	W	W	W	-	-	1,627.6	1,897.0
April 2017	-	9.1	W	W	-	-	1,730.9	1,740.0
Ohio								
April 2018	W	W	W	W	-	-	5,835.2	5,853.7
March 2018	W	W	W	5,686.2	-	W	5,703.6	5,746.8
April 2017	W	W	W	W	-	-	5,704.3	5,710.5
Oklahoma								
April 2018	W	W	W	W	-	-	5,873.0	5,878.1
March 2018	W	W	W	W	-	-	4,680.2	4,684.0
April 2017	W	W	W	W	-	-	4,724.1	4,728.7
South Dakota								
April 2018	W	W	W	W	-	-	915.8	928.8
March 2018	W	W	W	W	-	-	761.7	799.2
April 2017	-	5.1	W	W	-	-	947.7	952.8
Tennessee								
April 2018	W	W	-	3,603.3	-	-	3,603.3	3,606.1
March 2018	W	W	-	3,564.0	-	-	3,564.0	3,567.7
April 2017	0.6	-	-	3,649.9	-	-	3,649.9	3,650.5
Wisconsin								
April 2018	1.4	8.3	W	W	-	-	2,962.8	2,972.5
March 2018	2.1	29.2	W	W	-	-	2,922.6	2,954.0
April 2017	1.7	3.5	W	W	-	-	2,554.8	2,560.0
PAD District 3								
April 2018	W	W	W	41,802.2	W	744.1	42,916.3	43,604.3
March 2018	W	W	480.9	44,181.1	W	W	45,768.3	46,491.6
April 2017	W	W	290.3	39,258.7	W	W	39,973.7	40,555.8
Alabama								
April 2018	W	-	-	2,658.7	W	W	W	2,728.5
March 2018	W	-	-	2,694.2	W	W	W	2,771.8
April 2017	W	-	-	2,764.6	W	W	W	2,834.6
Arkansas								
April 2018	-	W	-	W	-	-	W	2,302.2
March 2018	W	-	W	W	-	-	W	2,359.4
April 2017	-	W	W	W	-	-	W	2,162.0
Louisiana								
April 2018	W	-	-	6,251.9	-	W	W	7,005.5
March 2018	W	-	W	W	-	W	W	6,902.9
April 2017	W	-	W	W	-	W	W	6,992.2
Mississippi								
April 2018	W	W	W	W	-	W	2,227.8	2,228.0
March 2018	W	W	W	W	-	-	2,146.5	2,147.0
April 2017	-	W	-	2,188.2	-	W	W	2,201.1
New Mexico								
April 2018	-	W	-	W	-	-	W	1,998.0
March 2018	-	-	-	2,019.6	-	-	2,019.6	2,019.6
April 2017	-	W	-	W	-	-	W	1,971.7
Texas								
April 2018	W	W	W	26,596.7	W	642.7	27,338.9	27,342.1
March 2018	W	W	W	29,193.4	W	897.8	30,286.1	30,290.9
April 2017	W	-	W	23,955.6	W	231.8	W	24,394.2

See footnotes at end of table.

Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Kerosene	No. 1 distillate	No. 2 distillate					Total distillate and kerosene
				No. 2 diesel fuel				
			No. 2 fuel oil	Ultra-low sulfur	Low-sulfur	High-sulfur	No. 2 distillate	
PAD District 4								
April 2018	W	W	2.7	8,841.9	-	-	8,844.6	8,886.6
March 2018	-	176.3	W	W	-	-	8,948.1	9,124.4
April 2017	W	26.7	W	W	-	-	8,577.1	8,604.0
Colorado								
April 2018	-	12.3	-	2,362.6	-	-	2,362.6	2,374.9
March 2018	-	57.7	-	2,317.4	-	-	2,317.4	2,375.2
April 2017	-	9.4	-	2,144.0	-	-	2,144.0	2,153.5
Idaho								
April 2018	-	2.6	W	W	-	-	1,437.3	1,439.9
March 2018	-	8.3	W	W	-	-	1,508.3	1,516.6
April 2017	-	2.2	W	W	-	-	1,350.5	1,352.7
Montana								
April 2018	-	16.2	W	W	-	-	1,769.4	1,785.6
March 2018	-	53.7	W	W	-	-	1,586.5	1,640.2
April 2017	-	6.3	-	1,735.1	-	-	1,735.1	1,741.5
Utah								
April 2018	W	W	W	W	-	-	1,749.0	1,750.9
March 2018	-	5.0	W	W	-	-	2,036.2	2,041.2
April 2017	W	4.2	W	W	-	-	1,923.8	1,928.1
Wyoming								
April 2018	-	9.1	-	W	-	-	1,526.3	1,535.3
March 2018	-	51.6	-	W	-	-	1,499.7	1,551.3
April 2017	-	4.5	-	W	-	-	1,423.7	1,428.2
PAD District 5								
April 2018	15.6	266.4	W	W	W	W	21,104.5	21,386.5
March 2018	25.5	383.2	W	W	W	539.7	20,522.5	20,931.1
April 2017	17.3	232.2	W	W	W	524.3	21,209.8	21,459.3
Alaska								
April 2018	-	W	W	W	-	-	W	W
March 2018	-	W	W	W	-	-	W	649.2
April 2017	-	W	W	W	-	-	W	696.4
Arizona								
April 2018	-	-	-	2,796.4	-	-	2,796.4	2,796.4
March 2018	-	-	-	2,875.3	-	-	2,875.3	2,875.3
April 2017	-	-	-	2,626.2	-	-	2,626.2	2,626.2
California								
April 2018	W	W	-	W	-	W	10,766.9	10,783.9
March 2018	W	W	-	W	-	W	10,223.4	10,246.0
April 2017	W	W	-	W	-	W	10,887.8	10,905.2
Hawaii								
April 2018	-	-	-	290.0	W	W	W	W
March 2018	-	-	-	440.4	W	W	778.8	778.8
April 2017	-	-	-	286.6	W	W	658.5	658.5
Nevada								
April 2018	W	W	W	W	-	-	1,483.7	1,490.9
March 2018	W	W	W	W	-	-	1,407.0	1,415.4
April 2017	W	W	W	W	-	-	W	1,508.4
Oregon								
April 2018	W	W	-	2,100.9	-	-	2,100.9	2,106.6
March 2018	W	W	-	W	-	W	1,955.1	1,966.0
April 2017	W	W	-	W	-	W	2,009.1	2,013.6
Washington								
April 2018	-	W	W	W	-	W	W	3,020.3
March 2018	W	4.5	W	W	-	W	W	3,000.5
April 2017	W	W	W	3,033.4	-	W	3,044.4	3,051.0

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

Note: - Total Distillate = No. 1 Distillate + No. 2 Distillate + No. 4 Fuel Oil (published on Table 46). - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2017 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration, Form EIA-782C, "Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption."