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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.

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Highlights

Crude oil

- March monthly average crude oil prices declined from February levels. The average domestic crude oil first purchase price fell \$3.02 (6.1%), to \$46.39 per barrel.
- The average free-on-board (f.o.b.) cost of imported crude oil decreased \$2.06 (4.5%) to \$43.91 per barrel. The average landed cost of foreign crude oil declined \$2.45 (5.1%), to \$45.65 per barrel.
- The average refiner acquisition cost for domestic crude oil fell \$2.54 (4.8%), to \$50.61 per barrel. The average cost of imported crude oil decreased \$2.80 (5.7%), to \$46.58 per barrel. The composite refiner acquisition cost for crude oil dropped \$2.54 (5.0%), to \$48.70 per barrel.

Petroleum products

Motor gasoline

- Refiner monthly average prices for motor gasoline rose in March. The average retail price increased 4.2 cents to \$1.904 per gallon, while the average wholesale price rose 0.9 cent to \$1.634 per gallon.
- Refiner sales of finished motor gasoline continued to increase in March. Total sales climbed 7.8 million gallons per day (2.5%) to an average of 321.3 million gallons per day. Retail sales increased 700,000 gallons per day (2.9%), while wholesales rose 7.1 million gallons per day (2.5%). DTW sales made up 7.7% of wholesales, while rack and bulk sales accounted for 87.6% and 4.6%, respectively.

No. 2 distillate

- March monthly average prices for refiner sales of No. 2 distillates show a decrease from February levels. The average price for No. 2 diesel fuel sold to end users fell 5.6 cents to \$1.699 per gallon, while the average wholesale price declined 6.0 cents to \$1.581 per gallon. The average retail price for No. fuel oil dropped 12.4 cents to \$1.909, while the average wholesale price for No. 2 fuel oil decreased 5.8 cents to \$1.495 per gallon.
- March refiner sales of No. 2 ultra-low sulfur diesel fuel climbed 2.8 million gallons per day (2.0%) to 145.5 million gallons per day. Retail sales rose 800,000 gallons per day (6.9%), wholesales increased 2.0 million gallons per day (1.5%).

Residual Fuel Oil

- Refiner monthly average residual fuel oil prices were on the decline in March. The wholesale price for low-sulfur residual fuel oil fell 7.1 cents to \$1.103 per gallon. The price for high-sulfur residual fuel oil decreased 5.7 cents to \$1.186 per gallon at retail, while the wholesale price declined 4.1 cents to \$1.074 per gallon.
- Sales of residual fuel oil by refiners decreased to 10.4 million gallons per day (0.2%) in March. Retail sales rose 200,000 gallons per day (4.5%), while wholesales decreased 400,000 gallons per day (6.5%).

Other products

- March prices for refiner sales of the remaining surveyed products mostly show decreases from February levels. Propane, kerosene-type jet fuel, and No. 1 distillate prices fell at both the retail and wholesale levels. The price for aviation gasoline increased at wholesale, while the price for kerosene declined in the same category.
- Refiner sales of products included in this section show mixed trends in March. Propane and No. 1 distillate sales fell at both the retail and wholesale levels, while kerosene-type jet fuel sales rose at retail but declined at wholesale. Sales of aviation gasoline increased at the wholesale level, while kerosene sales fell in the same sales category.

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

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

Products	Sales to end users						Sales for resale					
	March 2017		February 2017		March 2016		March 2017		February 2017		March 2016	
	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume
Motor gasoline	1.904	24.5	1.862	23.8	1.552	25.2	1.634	296.8	1.625	289.7	1.335	303.8
Conventional	1.787	15.3	1.748	14.8	1.450	16.2	1.583	198.8	1.577	195.2	1.276	207.7
Regular	1.740	13.5	1.701	13.1	1.412	14.2	1.546	177.8	1.544	175.9	1.242	186.0
Midgrade	1.993	0.8	1.956	0.8	1.601	0.9	1.730	1.6	1.719	1.5	1.416	1.8
Premium	2.247	1.0	2.210	1.0	1.808	1.2	1.903	19.4	1.890	17.8	1.586	19.9
Reformulated	2.100	9.2	2.053	8.9	1.736	9.0	1.739	98.0	1.723	94.5	1.463	96.2
Regular	1.999	6.7	1.953	6.5	1.644	6.5	1.685	81.6	1.670	78.8	1.407	80.1
Midgrade	2.274	0.9	2.225	0.9	1.881	0.9	1.873	0.8	1.861	0.8	1.615	1.0
Premium	2.439	1.5	2.390	1.5	2.028	1.6	2.016	15.5	2.000	14.9	1.749	15.1
Aviation gasoline	W	W	W	W	W	W	2.618	0.4	2.592	0.4	2.230	0.4
Kerosene-type jet fuel	1.551	32.1	1.615	30.6	1.133	30.8	1.521	31.4	1.592	32.8	1.100	28.5
Propane (consumer grade)	0.661	4.9	0.814	6.4	0.481	6.1	0.672	28.4	0.792	37.3	0.497	29.1
Kerosene	W	W	W	W	W	W	1.580	0.7	1.657	1.3	1.208	0.6
No. 1 distillate	2.142	0.1	2.190	0.1	1.610	0.1	1.854	0.9	1.882	1.8	1.413	0.7
No. 2 distillate	1.701	12.9	1.757	12.1	1.318	12.3	1.575	146.3	1.634	145.6	1.182	146.2
No. 2 fuel oil	1.909	0.1	2.033	0.1	1.555	0.1	1.495	9.6	1.553	11.3	1.070	8.5
No. 2 diesel fuel	1.699	12.8	1.755	12.0	1.317	12.2	1.581	136.7	1.641	134.3	1.189	137.7
Ultra low sulfur	1.699	12.4	1.755	11.6	1.321	11.9	1.585	133.1	1.644	131.1	1.193	134.5
Low sulfur	W	W	W	W	W	W	W	W	W	W	W	W
High sulfur	W	W	W	W	W	W	W	W	W	W	W	W
No. 4 fuel[a]	W	W	W	W	-	-	W	W	W	W	0.861	0.2
Residential fuel oil	1.239	4.6	1.291	4.4	0.693	4.1	1.076	5.8	1.121	6.2	0.558	9.2
Sulfur content not > 1%	W	W	W	W	NA	NA	1.103	0.4	1.174	0.6	0.582	0.7
Sulfur content > 1%	1.186	W	1.243	W	0.672	3.3	1.074	5.4	1.115	5.6	0.555	8.5

NA = Not available.

- = No data reported.

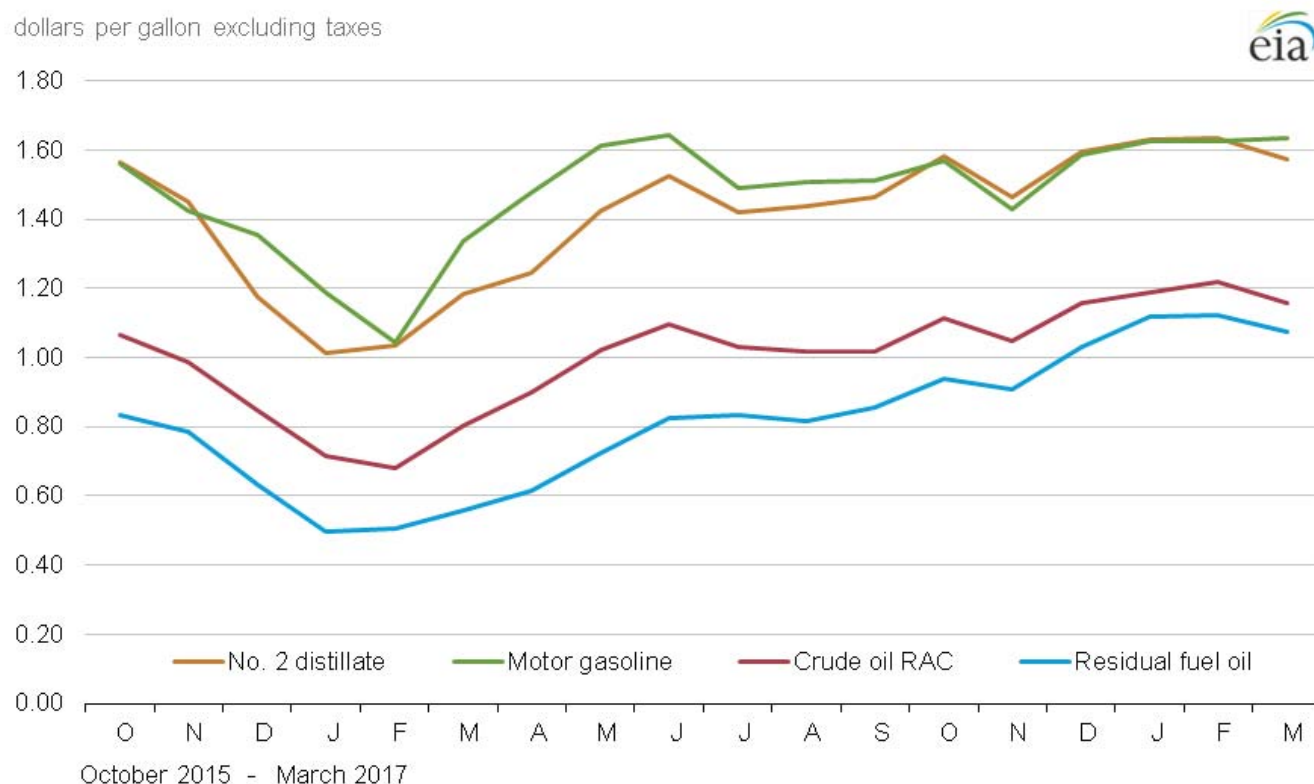
W = Withheld to avoid disclosure of individual company data.

[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 2016 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						
January	43.06	40.16	44.42	48.90	44.74	47.00
February	44.35	43.94	47.32	50.23	47.18	48.92
March	42.66	43.64	47.25	48.60	47.22	47.99
April	49.30	48.42	52.00	54.86	51.62	53.51
May	54.38	54.05	57.17	59.48	57.51	58.65
June	55.88	53.83	56.73	61.06	58.89	60.12
July	47.70	45.88	49.79	54.15	52.42	53.40
August	39.98	37.17	41.39	46.30	43.23	44.97
September	41.60	36.90	40.02	46.68	41.12	44.38
October	42.34	37.21	40.38	47.02	42.03	44.77
November	38.19	33.56	37.13	43.30	39.05	41.43
December	32.26	28.23	31.56	37.76	33.16	35.63
2015 average	44.39	41.91	45.38	49.94	46.38	48.39
2016						
January	27.02	R23.67	R27.36	32.17	27.48	29.99
February	R25.52	24.68	R27.04	R30.28	R26.66	28.53
March	31.87	R29.74	R32.06	R35.29	R32.24	33.82
April	35.59	R32.73	R35.43	39.30	35.90	37.71
May	41.02	R38.31	40.73	44.77	40.88	42.88
June	43.96	41.92	43.55	47.57	44.13	45.96
July	R40.71	38.76	R41.05	44.88	41.48	43.26
August	40.46	R38.26	40.40	44.18	41.21	42.70
September	R40.55	38.28	R40.81	44.47	40.86	42.73
October	45.00	42.36	R43.97	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	R38.56	42.41	38.75	40.66
2017						
January	48.19	R44.63	R47.05	51.81	48.12	49.99
February	49.41	R45.97	R48.10	R53.15	49.38	R51.24
March	46.39	43.91	45.65	R50.61	R46.58	R48.70
April [c]	NA	NA	NA	E51.06	E47.38	E49.48

NA = Not available.

E = Estimated data.

R = Revised data.

[a] Free on Board. See Glossary.

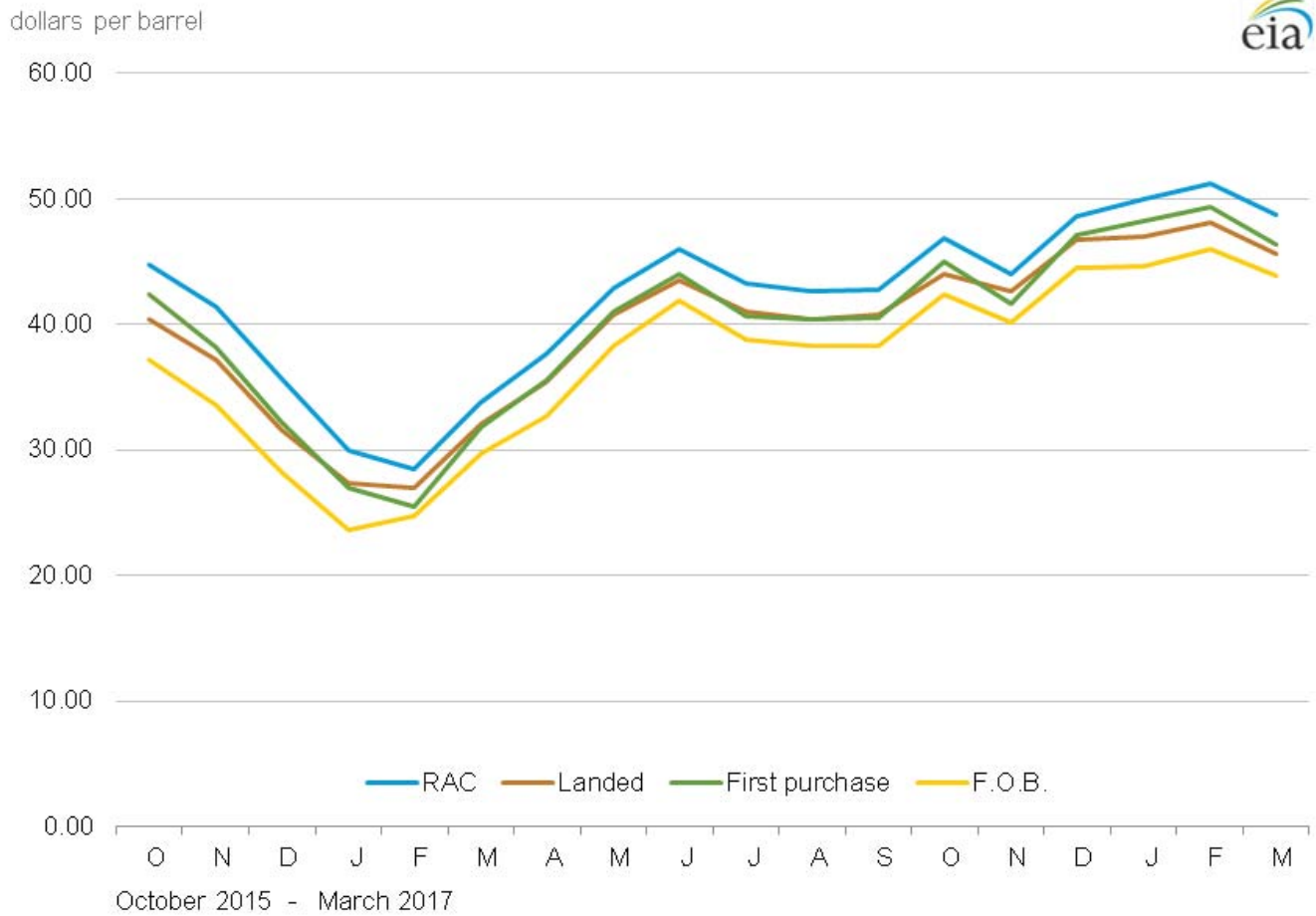
[b] Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section.

[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 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 2016 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

Year month	U.S.			PAD District 1			PAD District 2		
	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									
January	48.90	44.74	47.00	52.45	50.72	51.64	48.86	41.14	44.51
February	50.23	47.18	48.92	53.37	51.94	52.67	49.56	42.32	45.88
March	48.60	47.22	47.99	51.93	51.95	51.94	47.30	41.44	44.47
April	54.86	51.62	53.51	58.93	55.18	57.13	52.79	46.13	49.74
May	59.48	57.51	58.65	62.95	59.39	61.11	58.11	52.92	55.68
June	61.06	58.89	60.12	63.62	60.58	61.83	59.76	56.42	58.24
July	54.15	52.42	53.40	54.90	57.54	56.49	52.90	50.43	51.73
August	46.30	43.23	44.97	46.69	49.04	48.17	44.94	39.14	42.15
September	46.68	41.12	44.38	47.77	45.58	46.66	46.43	35.66	41.47
October	47.02	42.03	44.77	49.84	44.26	46.53	47.11	38.97	43.48
November	43.30	39.05	41.43	45.46	44.13	44.64	43.78	36.25	40.16
December	37.76	33.16	35.63	39.41	39.07	39.19	37.92	30.62	34.29
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	R30.28	R26.66	28.53	32.90	30.86	31.36	30.65	24.00	27.01
March	R35.29	R32.24	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	R53.15	49.38	R51.24	55.90	52.80	53.29	53.56	46.04	49.59
March	R50.61	R46.58	R48.70	55.85	51.98	52.62	50.84	42.81	46.76

See footnotes at end of table.

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

dollars per barrel

Year month	PAD District 3			PAD District 4			PAD District 5		
	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									
January	49.11	45.46	47.62	41.14	36.20	38.77	48.61	49.03	48.80
February	50.01	48.09	49.24	45.05	39.66	42.52	51.99	52.78	52.31
March	49.02	48.33	48.74	42.43	38.15	40.32	49.09	52.78	50.77
April	55.40	52.56	54.30	47.72	44.57	46.25	55.81	57.47	56.53
May	59.46	58.41	59.07	54.42	50.62	52.61	61.54	62.65	62.07
June	61.68	58.84	60.58	54.68	55.25	54.94	61.35	62.34	61.83
July	54.86	51.58	53.67	48.76	48.19	48.48	54.37	55.50	54.95
August	47.15	42.87	45.65	40.16	35.58	37.87	46.08	47.52	46.85
September	46.71	41.31	44.82	42.08	32.48	37.12	47.67	47.09	47.37
October	46.86	41.33	44.65	43.98	37.26	40.39	47.30	46.74	47.01
November	43.14	38.25	41.31	40.49	34.01	37.16	43.28	43.29	43.28
December	37.94	32.18	35.54	34.68	28.70	31.54	37.06	37.35	37.20
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	R29.92	R30.96	30.43
March	34.37	31.61	33.17	36.04	27.85	32.35	R36.49	R36.15	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	R42.10	R42.21	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	R52.61	R42.82	R47.68	53.93	52.71	53.31
March	50.32	46.58	48.77	49.06	40.36	44.87	51.27	50.43	50.85

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 2016 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. 2 distillate					Residual fuel oil
						No. 1 distillate	No. 2 diesel fuel	No. 2 fuel oil	Average	No. 4 fuel[a]	
1985	0.912	1.201	0.796	0.717	1.030	0.880	0.789	0.849	0.799	0.773	0.610
1986	0.624	1.011	0.529	0.745	0.790	0.620	0.478	0.560	0.491	0.489	0.343
1987	0.669	0.907	0.543	0.701	0.770	0.604	0.551	0.581	0.556	0.513	0.423
1988	0.673	0.891	0.513	0.714	0.738	0.564	0.500	0.544	0.507	0.461	0.334
1989	0.756	0.995	0.592	0.615	0.709	0.661	0.585	0.587	0.585	0.512	0.385
1990	0.883	1.120	0.766	0.745	0.923	0.819	0.725	0.734	0.726	0.622	0.444
1991	0.797	1.047	0.652	0.730	0.838	0.740	0.648	0.665	0.650	0.580	0.340
1992	0.787	1.027	0.610	0.643	0.788	0.666	0.619	0.627	0.620	0.526	0.336
1993	0.759	0.990	0.580	0.673	0.754	0.666	0.602	0.602	0.602	0.501	0.337
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											
January	1.673	W	1.633	0.566	W	1.925	1.819	NA	1.823	-	1.264
February	1.858	W	1.747	0.671	W	2.027	1.979	2.204	1.981	-	1.376
March	2.054	W	1.766	0.619	W	NA	1.962	2.141	1.963	-	1.465
April	2.058	W	1.739	0.575	W	W	1.939	NA	1.941	W	1.516
May	2.322	W	1.979	0.465	W	W	2.090	2.308	2.092	W	1.543
June	2.374	W	1.855	0.393	W	W	2.021	2.321	2.022	W	1.549
July	2.338	W	1.694	0.405	W	W	1.913	2.207	1.914	W	1.363
August	2.218	W	1.516	0.387	W	W	1.737	2.046	1.739	W	1.207
September	1.920	W	1.465	0.468	2.996	W	1.693	1.949	1.694	W	1.107
October	1.849	W	1.473	0.479	W	1.774	1.702	NA	1.703	-	1.094
November	1.711	W	1.424	0.447	W	NA	1.603	1.814	1.606	-	1.043
December	1.604	W	1.232	0.422	W	NA	1.365	1.695	1.368	-	0.919
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	1.551	0.661	W	2.142	1.699	1.909	1.701	W	1.239

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

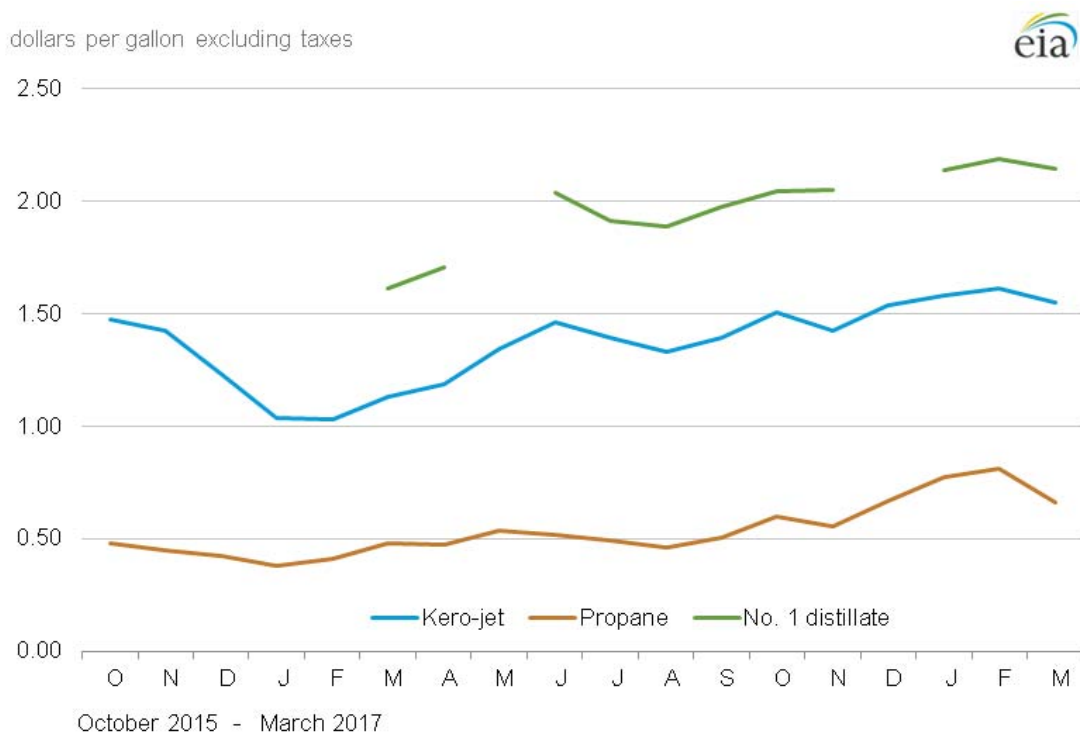
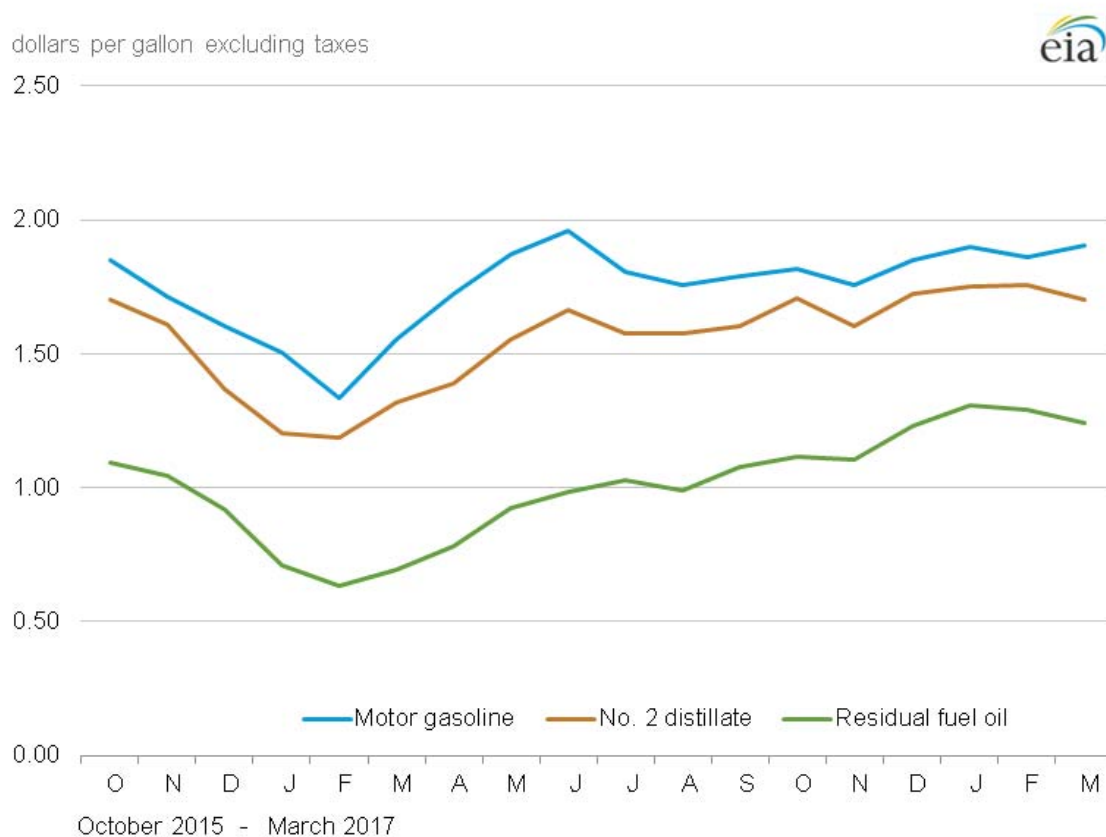
R = Revised data.

[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 2016 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. 2 distillate					Residual fuel oil
						No. 1 distillate	No. 2 diesel fuel	No. 2 fuel oil	Average	No. 4 fuel[a]	
1985	57.5	0.3	34.6	3.7	0.3	0.5	25.0	5.0	29.9	0.5	25.2
1986	61.2	0.3	35.1	3.4	0.3	0.4	24.4	4.4	28.8	0.7	31.6
1987	61.0	0.2	36.8	3.8	0.3	0.4	24.1	4.5	28.5	0.8	29.0
1988	61.0	0.2	38.2	4.3	0.3	0.4	24.5	4.6	29.1	1.1	30.2
1989	61.2	0.2	40.1	2.8	0.3	0.5	24.3	4.5	28.8	0.9	30.4
1990	60.3	0.2	39.9	2.7	0.2	0.5	22.2	3.6	25.9	0.8	25.9
1991	61.2	0.2	38.5	3.1	0.2	0.5	21.1	3.2	24.4	0.7	24.0
1992	59.0	0.2	39.8	3.8	0.2	0.5	21.5	3.1	24.6	0.6	22.4
1993	57.2	0.2	41.7	3.5	0.2	0.4	20.8	2.9	23.8	0.6	17.2
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											
January	24.2	W	30.9	5.3	W	0.2	12.8	0.1	13.0	-	3.6
February	24.6	W	32.4	5.6	W	0.2	13.0	0.1	13.1	-	3.7
March	24.8	W	31.3	4.3	W	NA	12.9	0.1	13.0	-	3.5
April	25.4	W	33.4	4.3	W	W	12.5	0.1	12.6	W	4.6
May	25.9	W	34.9	6.4	W	W	11.7	0.1	11.8	W	3.9
June	26.0	W	36.1	5.8	W	W	13.1	0.0	13.1	W	4.6
July	26.3	W	36.1	6.3	W	W	12.8	0.0	12.8	W	3.6
August	26.0	W	34.8	7.8	W	W	12.9	0.1	13.0	W	4.3
September	25.7	W	33.2	5.2	0.0	W	13.3	0.1	13.4	W	4.5
October	25.9	W	32.6	4.2	W	0.1	12.6	0.2	12.7	-	3.7
November	25.2	W	32.5	5.9	W	NA	12.4	0.1	12.5	-	4.4
December	25.3	W	33.0	5.7	W	NA	11.7	0.1	11.8	-	4.0
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	32.1	4.9	W	0.1	12.8	0.1	12.9	W	4.6

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

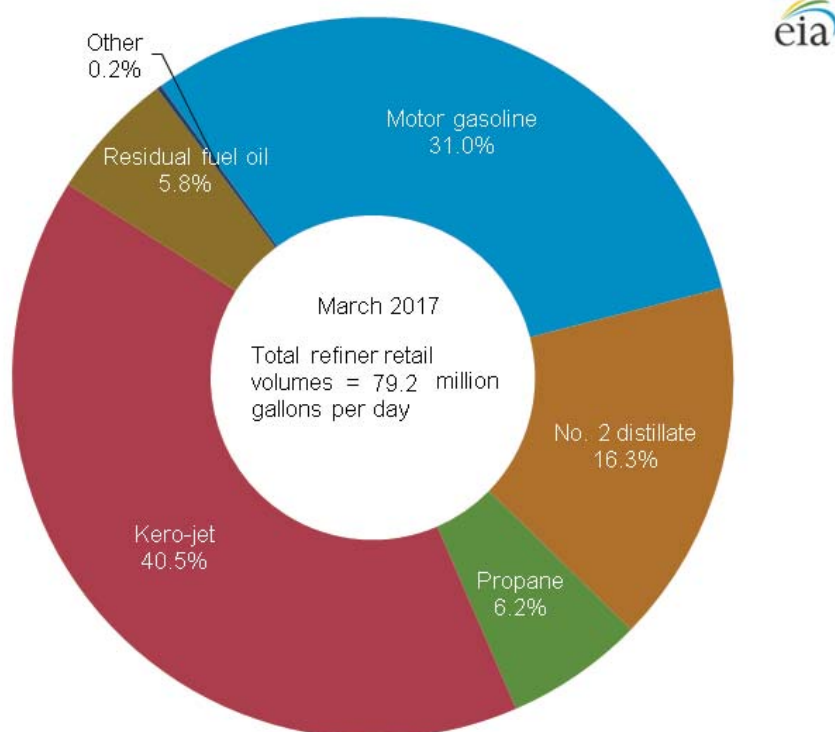
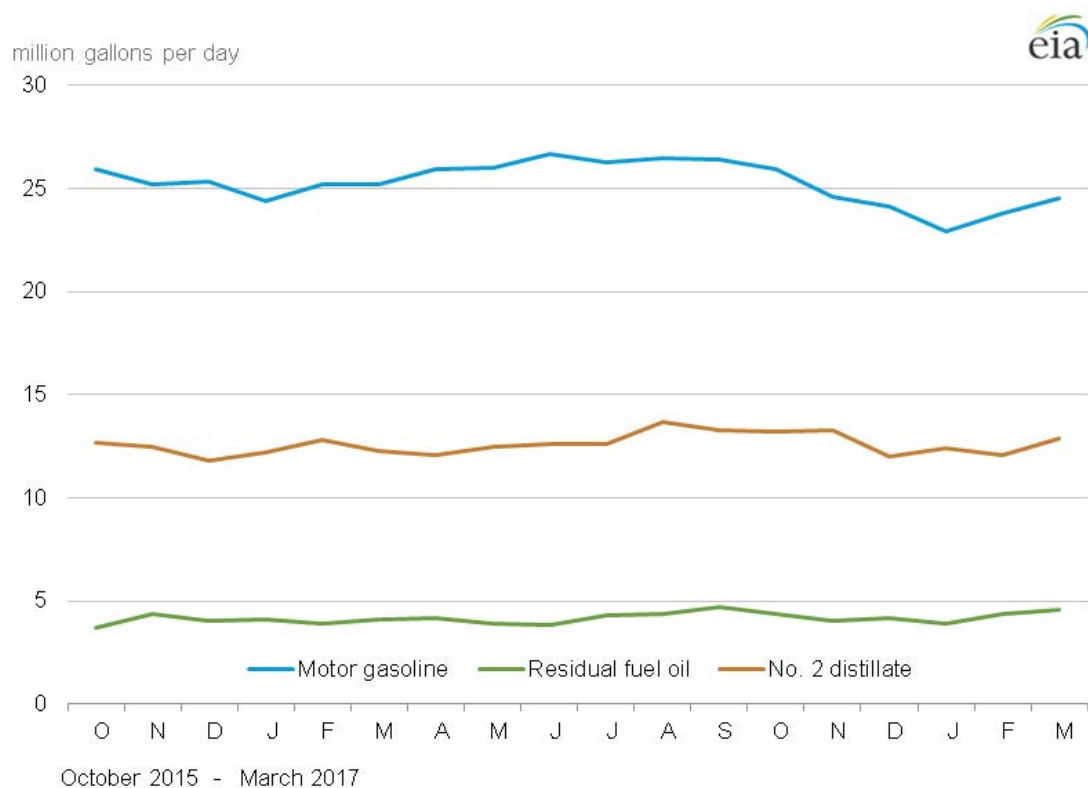
R = Revised data.

[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 2016 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. 2 distillate					Residual fuel oil
						No. 1 distillate	No. 2 diesel fuel	No. 2 fuel oil	Average	No. 4 fuel[a]	
1985	0.835	1.130	0.794	0.398	0.874	0.863	0.772	0.776	0.774	0.672	0.577
1986	0.531	0.912	0.495	0.290	0.606	0.579	0.452	0.486	0.470	0.409	0.305
1987	0.589	0.859	0.538	0.252	0.592	0.599	0.534	0.527	0.531	0.462	0.385
1988	0.577	0.850	0.495	0.240	0.549	0.549	0.473	0.473	0.473	0.425	0.300
1989	0.654	0.950	0.583	0.247	0.669	0.668	0.567	0.565	0.566	0.480	0.360
1990	0.786	1.063	0.773	0.386	0.839	0.838	0.694	0.697	0.695	0.590	0.413
1991	0.699	1.001	0.650	0.349	0.723	0.730	0.615	0.622	0.618	0.556	0.314
1992	0.677	0.991	0.605	0.328	0.632	0.652	0.591	0.579	0.585	0.495	0.308
1993	0.626	0.965	0.577	0.351	0.604	0.646	0.570	0.544	0.559	0.488	0.293
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	0.700	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											
January	1.366	2.324	1.612	0.713	1.900	1.979	1.616	1.669	1.620	1.150	1.023
February	1.637	2.529	1.722	0.748	2.233	2.161	1.861	1.850	1.860	1.355	1.126
March	1.770	2.801	1.731	0.689	2.098	2.246	1.815	1.847	1.817	1.337	1.126
April	1.835	2.827	1.709	0.566	1.800	2.276	1.805	1.740	1.803	1.403	1.114
May	2.080	3.050	1.933	0.475	1.929	2.429	1.973	1.852	1.969	1.460	1.234
June	2.121	3.259	1.813	0.404	1.871	2.359	1.881	1.813	1.880	1.498	1.233
July	2.072	3.217	1.655	0.405	1.701	2.195	1.729	1.654	1.728	1.380	1.122
August	1.838	2.980	1.479	0.402	1.494	2.005	1.562	1.461	1.559	1.133	0.918
September	1.609	2.586	1.443	0.469	1.509	1.902	1.551	1.438	1.549	1.123	0.852
October	1.558	2.475	1.451	0.524	1.555	1.896	1.572	1.411	1.563	W	0.836
November	1.426	2.385	1.400	0.505	1.554	1.836	1.456	1.356	1.449	W	0.787
December	1.356	2.252	1.207	0.499	1.275	1.516	1.176	1.126	1.173	0.953	0.633
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	R1.592	R0.792	R1.657	1.882	1.641	1.553	1.634	W	R1.121
March	1.634	2.618	1.521	0.672	1.580	1.854	1.581	1.495	1.575	W	1.076

W = Withheld to avoid disclosure of individual company data.

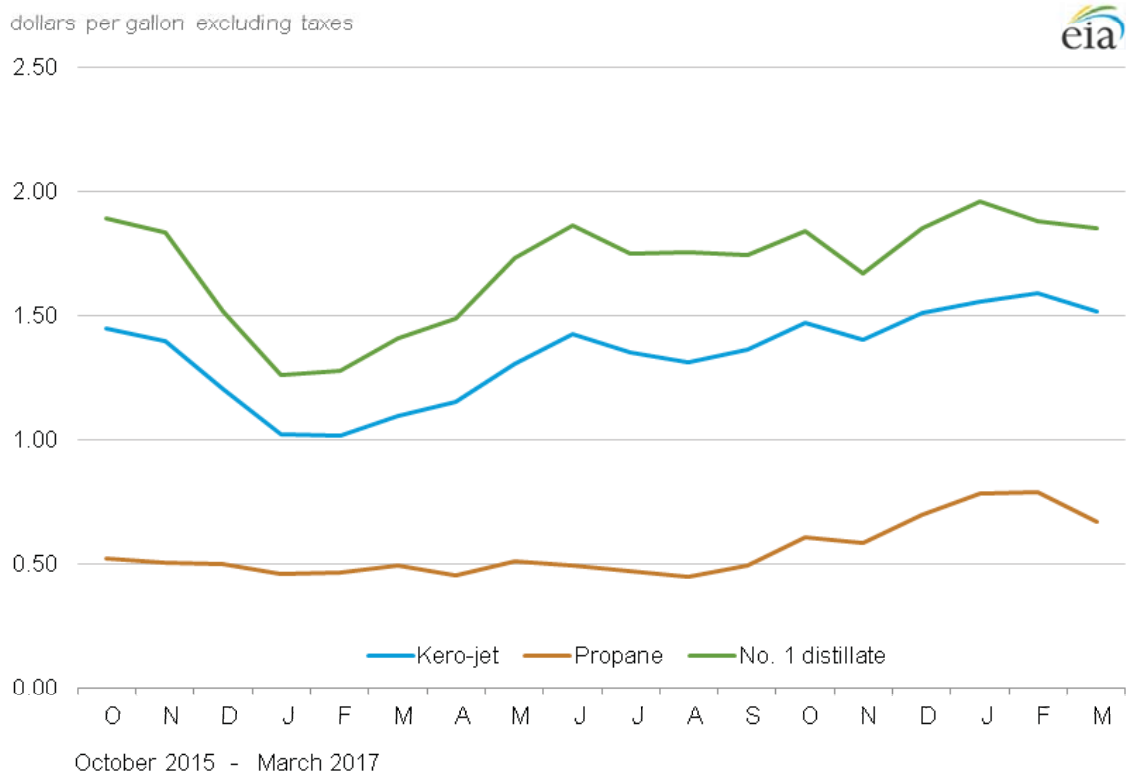
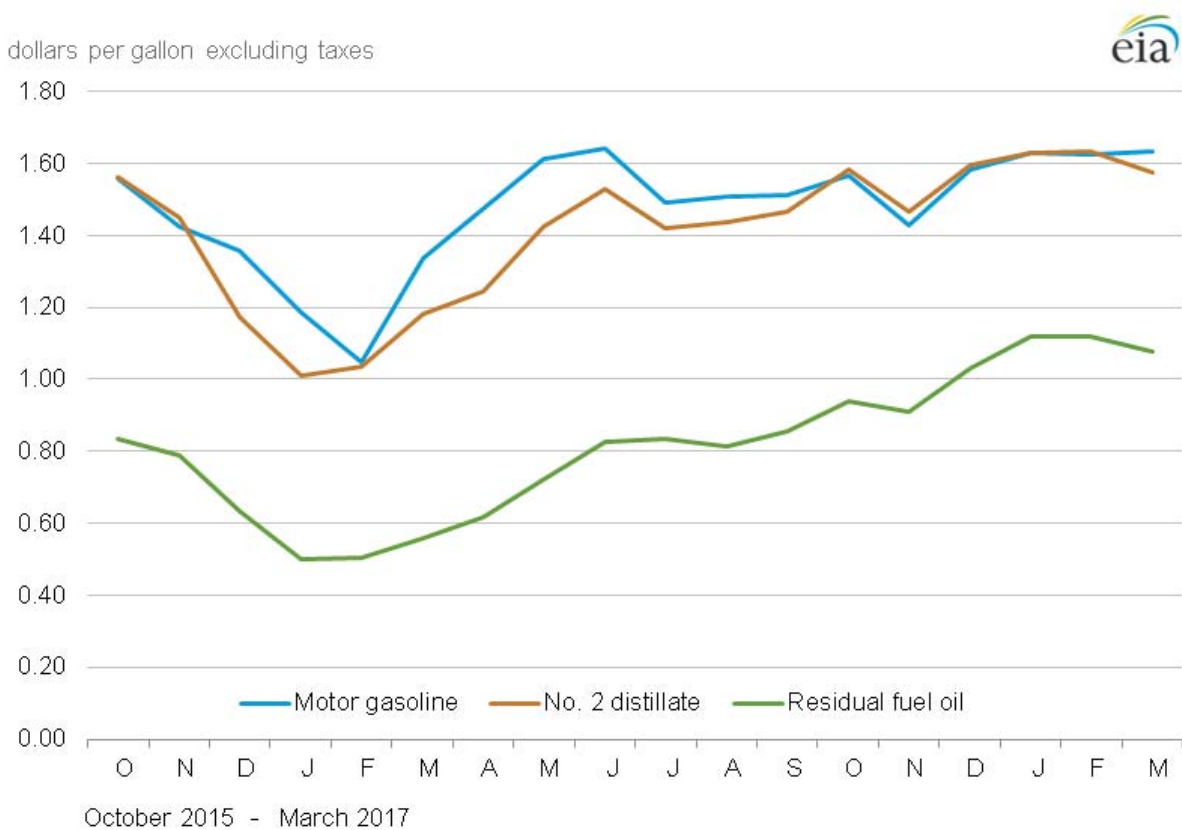
R = Revised data.

[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 2016 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. 2 distillate					Residual fuel oil
						No. 1 distillate	No. 2 diesel fuel	No. 2 fuel oil	Average	No. 4 fuel[a]	
1985	256.9	0.7	7.6	29.2	2.4	2.7	43.3	53.9	97.3	1.2	19.9
1986	257.2	0.7	9.2	26.3	2.4	2.5	46.4	53.8	100.3	1.2	18.6
1987	257.2	0.8	10.1	27.0	2.3	2.0	44.3	49.3	93.6	1.5	16.9
1988	263.7	0.7	10.0	27.7	2.7	2.6	47.8	50.1	97.9	1.2	18.9
1989	260.7	0.7	8.6	25.9	2.7	2.7	50.7	46.7	97.5	1.2	21.0
1990	264.8	0.7	8.8	25.5	2.2	2.4	51.9	45.9	97.8	0.8	17.9
1991	261.3	0.7	8.7	25.4	2.1	2.4	51.5	46.9	98.3	0.4	17.8
1992	265.4	0.7	8.0	26.7	2.2	2.3	50.8	48.9	99.7	0.4	15.2
1993	266.9	0.6	8.3	27.9	2.3	2.3	58.0	43.6	101.7	0.4	12.6
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											
January	281.3	0.3	26.0	45.6	2.0	3.2	141.1	10.9	152.0	0.2	6.5
February	292.0	0.4	26.9	46.6	1.3	3.0	142.6	10.4	153.0	0.1	7.7
March	292.8	0.4	28.4	33.4	0.8	1.1	142.8	7.4	150.2	0.1	7.8
April	302.2	0.5	29.5	29.4	0.8	0.4	150.3	4.6	154.9	0.2	7.6
May	300.0	0.4	27.3	25.0	0.7	0.2	143.9	4.5	148.3	0.1	8.0
June	305.0	0.4	29.8	25.1	1.5	0.2	155.8	2.7	158.5	0.1	8.9
July	305.1	0.6	29.4	23.2	1.3	0.2	151.2	3.0	154.3	0.2	8.3
August	304.1	0.5	29.1	25.9	1.6	0.2	148.6	3.7	152.4	0.1	9.1
September	303.7	0.5	30.0	32.1	1.1	0.5	152.5	3.7	156.2	0.1	8.1
October	299.8	0.6	27.0	28.5	1.1	1.1	149.9	9.0	158.9	W	8.2
November	298.2	0.3	29.6	30.7	1.0	2.0	139.3	10.0	149.3	W	8.0
December	299.9	0.3	30.3	34.8	1.3	2.2	140.0	10.6	150.6	0.1	8.9
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	R289.7	0.4	R32.8	37.3	R1.3	1.8	R134.3	11.3	R145.6	W	6.2
March	296.8	0.4	31.4	28.4	0.7	0.9	136.7	9.6	146.3	W	5.8

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

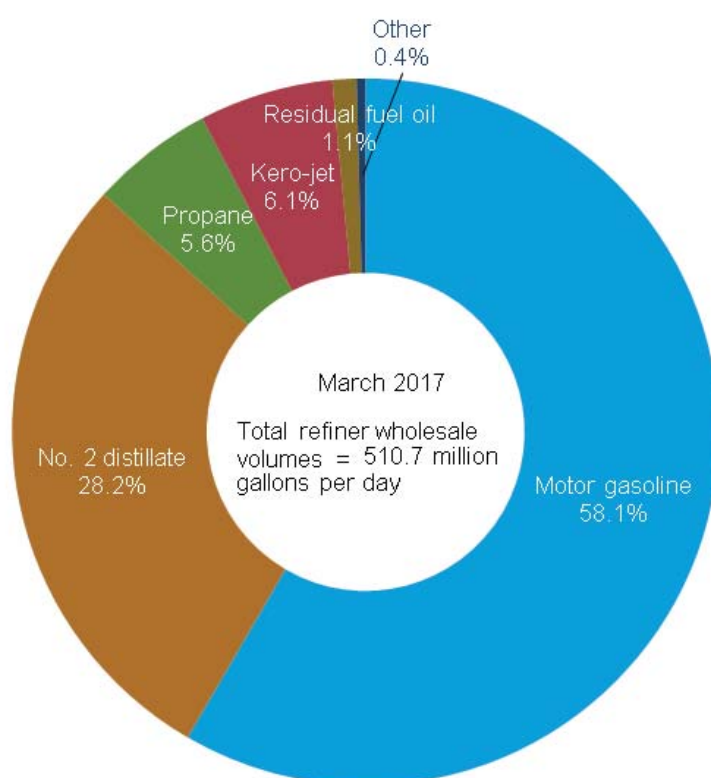
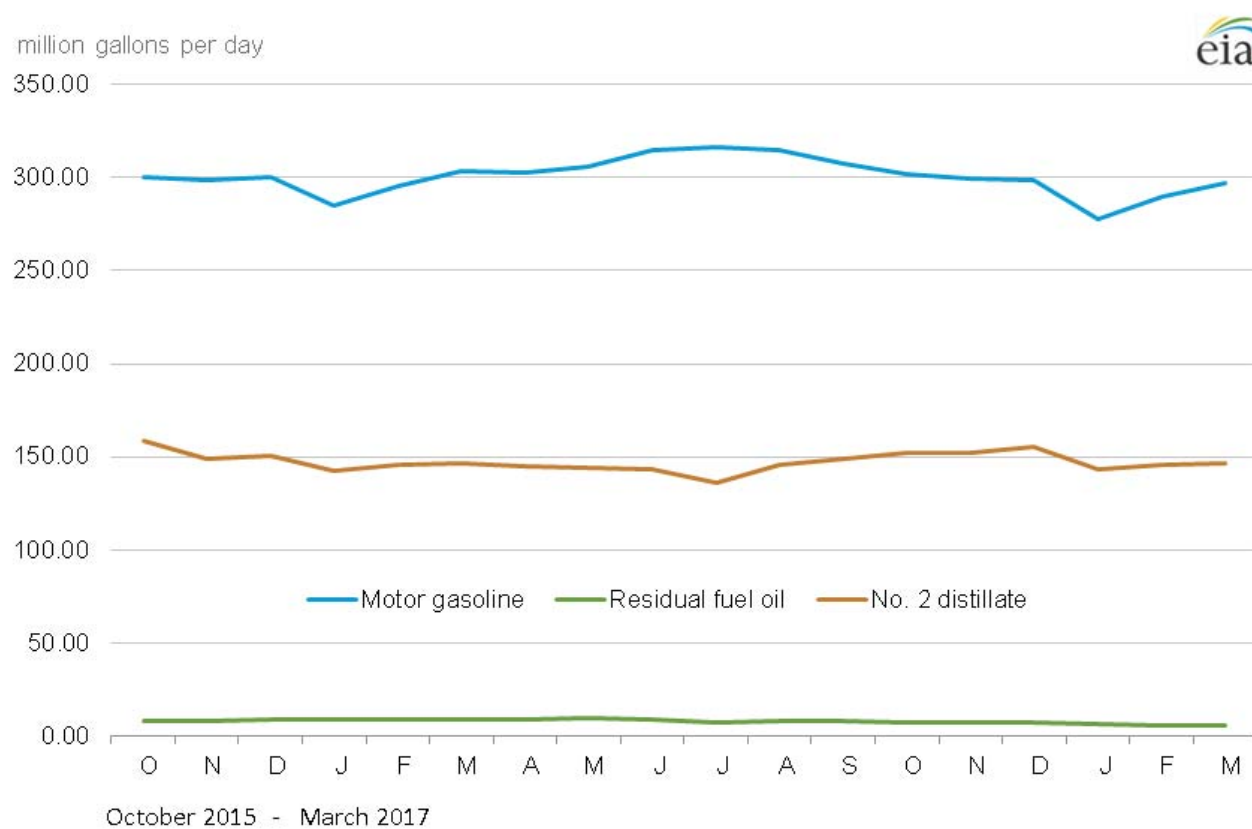
R = Revised data.

[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 2016 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

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1985	0.925	0.917	-	-	-	0.843	-	-	-	-	-	-
1986	0.624	0.616	-	-	-	0.522	-	-	-	-	-	-
1987	0.659	0.650	-	-	-	0.569	-	-	-	-	-	-
1988	0.649	0.641	-	-	-	0.548	-	-	-	-	-	-
1989	0.720	0.714	-	-	-	0.618	0.796	0.793	-	-	-	0.686
1990	0.853	0.849	-	-	-	0.758	0.923	0.921	-	-	-	0.814
1991	0.764	0.761	-	-	-	0.672	0.847	0.843	-	-	-	0.733
1992	0.746	0.743	-	-	-	0.645	0.831	0.827	-	-	-	0.708
1993	0.716	0.712	-	-	-	0.593	0.810	0.805	-	-	-	0.660
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	1.000	0.997	0.977	0.848	0.786	0.865	1.103	1.100	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												
January	1.618	1.616	1.547	1.318	1.302	1.332	1.858	1.859	1.671	1.440	-	1.468
February	1.809	1.807	1.861	1.589	1.535	1.604	2.026	2.025	2.025	1.710	-	1.748
March	1.990	1.987	2.198	1.696	1.698	1.732	2.281	2.279	2.303	1.834	-	1.889
April	1.996	1.995	2.164	1.771	1.746	1.796	2.264	2.262	2.310	1.903	-	1.950
May	2.253	2.252	2.604	1.999	1.953	2.037	2.563	2.560	2.741	2.135	-	2.199
June	2.317	2.315	2.451	2.051	2.002	2.075	2.571	2.569	2.594	2.202	-	2.244
July	2.267	2.266	2.645	1.971	1.983	2.017	2.595	2.593	2.802	2.157	-	2.222
August	2.149	2.147	2.358	1.742	1.695	1.781	2.470	2.469	2.479	1.942	-	1.998
September	1.847	1.845	2.018	1.530	1.450	1.556	2.177	2.176	2.171	1.718	-	1.768
October	1.787	1.785	1.856	1.491	1.406	1.510	2.056	2.056	2.051	1.674	-	1.717
November	1.644	1.643	1.756	1.354	1.340	1.380	1.919	1.919	1.921	1.522	-	1.569
December	1.531	1.530	1.730	1.282	1.260	1.310	1.837	1.836	1.922	1.444	-	1.502
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	R1.897	1.560	R1.567	1.583	R2.103	R2.101	2.056	1.729	-	1.769
March	1.826	1.826	1.965	1.562	1.562	1.590	2.146	2.145	2.105	1.735	-	1.780

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

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1985	1.030	1.023	-	-	-	0.922	0.921	0.912	-	-	-	0.835
1986	0.748	0.737	-	-	-	0.610	0.632	0.624	-	-	-	0.531
1987	0.790	0.784	-	-	-	0.671	0.678	0.669	-	-	-	0.589
1988	0.794	0.788	-	-	-	0.672	0.681	0.673	-	-	-	0.577
1989	0.874	0.868	-	-	-	0.749	0.763	0.756	-	-	-	0.654
1990	0.990	0.985	-	-	-	0.874	0.888	0.883	-	-	-	0.786
1991	0.912	0.907	-	-	-	0.792	0.800	0.797	-	-	-	0.699
1992	0.920	0.914	-	-	-	0.774	0.792	0.787	-	-	-	0.677
1993	0.896	0.889	-	-	-	0.722	0.765	0.759	-	-	-	0.626
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	0.700
1998	0.811	0.805	0.726	0.573	0.489	0.617	0.678	0.673	0.636	0.500	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	0.800	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	2.000	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												
January	2.012	2.008	1.741	1.615	1.481	1.625	1.674	1.673	1.588	1.350	1.317	1.366
February	2.178	2.174	2.078	1.881	1.728	1.900	1.861	1.858	1.906	1.620	1.550	1.637
March	2.456	2.449	2.386	2.021	1.910	2.066	2.057	2.054	2.236	1.731	1.716	1.770
April	2.434	2.429	2.378	2.105	1.932	2.130	2.060	2.058	2.208	1.808	1.765	1.835
May	2.744	2.738	2.809	2.354	2.176	2.402	2.324	2.322	2.645	2.038	1.974	2.080
June	2.722	2.717	2.660	2.439	2.356	2.464	2.376	2.374	2.494	2.094	2.030	2.121
July	2.756	2.751	2.873	2.422	2.452	2.480	2.340	2.338	2.691	2.023	2.025	2.072
August	2.627	2.621	2.560	2.214	2.035	2.247	2.221	2.218	2.400	1.796	1.731	1.838
September	2.343	2.337	2.229	1.969	1.746	1.991	1.922	1.920	2.063	1.581	1.475	1.609
October	2.228	2.222	2.093	1.889	1.680	1.904	1.851	1.849	1.907	1.536	1.437	1.558
November	2.113	2.109	1.982	1.741	1.505	1.756	1.713	1.711	1.805	1.398	1.359	1.426
December	2.039	2.034	1.979	1.667	1.459	1.695	1.605	1.604	1.784	1.325	1.281	1.356
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	R1.793	1.940	1.863	1.862	R1.956	1.598	R1.584	1.625
March	2.365	2.362	2.214	1.921	1.756	1.953	1.905	1.904	2.020	1.603	1.589	1.634

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 2016 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

Year month	Regular							Midgrade						
	Sales to end users		Sales for resale				Through retail outlets	Total[a]	Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total			Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1985	26.2	29.9	-	-	-	119.7	-	-	-	-	-	-	-	-
1986	30.9	34.7	-	-	-	127.0	-	-	-	-	-	-	-	-
1987	32.7	36.1	-	-	-	141.9	-	-	-	-	-	-	-	-
1988	34.2	37.3	-	-	-	153.6	-	-	-	-	-	-	-	-
1989	34.3	36.8	-	-	-	155.7	4.9	5.1	-	-	-	-	-	16.4
1990	36.7	38.8	-	-	-	174.5	7.4	7.6	-	-	-	-	-	23.1
1991	38.4	40.4	-	-	-	180.9	7.9	8.2	-	-	-	-	-	23.7
1992	36.5	38.4	-	-	-	182.2	8.9	9.2	-	-	-	-	-	27.5
1993	35.6	37.2	-	-	-	184.0	8.7	8.9	-	-	-	-	-	27.7
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														
January	19.8	20.1	17.2	210.9	19.4	247.5	1.6	1.6	0.3	2.5	-	-	-	2.9
February	20.2	20.5	18.1	218.4	21.2	257.7	1.7	1.7	0.4	2.6	-	-	-	3.0
March	20.3	20.6	18.3	219.1	20.4	257.9	1.7	1.7	0.4	2.7	-	-	-	3.1
April	20.7	21.1	18.2	226.1	20.7	265.0	1.7	1.7	0.4	2.8	-	-	-	3.2
May	21.2	21.5	18.0	225.5	19.3	262.8	1.8	1.8	0.4	3.0	-	-	-	3.3
June	21.3	21.6	18.3	230.9	18.0	267.2	1.8	1.8	0.4	3.0	-	-	-	3.3
July	21.5	21.8	18.0	232.1	16.9	267.0	1.8	1.8	0.3	3.0	-	-	-	3.3
August	21.2	21.5	18.3	228.4	18.5	265.2	1.8	1.8	0.3	2.9	-	-	-	3.2
September	21.0	21.3	18.0	225.2	22.4	265.5	1.8	1.8	0.3	2.7	-	-	-	3.1
October	21.2	21.5	18.0	227.1	16.8	262.0	1.8	1.8	0.3	2.6	-	-	-	3.0
November	20.5	20.8	17.7	222.8	20.1	260.6	1.7	1.7	0.3	2.5	-	-	-	2.9
December	20.6	20.9	17.9	222.9	21.9	262.6	1.7	1.8	0.3	2.5	-	-	-	2.8
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	R17.0	R221.5	R16.2	R254.7	1.6	1.7	0.3	2.0	-	-	-	2.3
March	20.0	20.2	17.7	229.9	11.9	259.4	1.7	1.7	0.3	2.1	-	-	-	2.4

See footnotes at end of table.

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

million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1985	9.2	10.0	-	-	-	38.0	50.5	57.5	-	-	-	256.9
1986	9.0	9.8	-	-	-	45.1	54.2	61.2	-	-	-	257.2
1987	11.2	11.6	-	-	-	53.0	55.7	61.0	-	-	-	257.2
1988	13.8	14.5	-	-	-	62.4	56.7	61.0	-	-	-	263.7
1989	13.5	14.2	-	-	-	60.8	57.5	61.2	-	-	-	260.7
1990	11.2	11.7	-	-	-	53.7	57.4	60.3	-	-	-	264.8
1991	10.5	10.9	-	-	-	48.3	58.4	61.2	-	-	-	261.3
1992	10.3	10.7	-	-	-	51.7	56.4	59.0	-	-	-	265.4
1993	10.3	10.6	-	-	-	52.8	54.9	57.2	-	-	-	266.9
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												
January	2.5	2.5	4.4	24.7	1.8	30.9	23.9	24.2	21.9	238.2	21.1	281.3
February	2.5	2.5	4.5	25.1	1.8	31.4	24.3	24.6	22.9	246.1	23.0	292.0
March	2.5	2.5	4.5	25.5	1.8	31.8	24.4	24.8	23.1	247.3	22.3	292.8
April	2.6	2.6	4.6	27.2	2.3	34.0	25.0	25.4	23.1	256.1	23.0	302.2
May	2.6	2.6	4.4	27.5	2.0	33.9	25.5	25.9	22.7	256.0	21.3	300.0
June	2.6	2.6	4.5	28.3	1.6	34.4	25.7	26.0	23.2	262.2	19.5	305.0
July	2.6	2.7	4.4	28.7	1.7	34.8	26.0	26.3	22.7	263.9	18.5	305.1
August	2.7	2.7	4.6	28.9	2.2	35.7	25.7	26.0	23.2	260.2	20.7	304.1
September	2.7	2.7	4.7	28.4	2.0	35.1	25.4	25.7	23.0	256.3	24.4	303.7
October	2.6	2.7	4.7	28.0	2.1	34.9	25.6	25.9	23.1	257.8	19.0	299.8
November	2.6	2.7	4.7	27.5	2.5	34.7	24.8	25.2	22.7	252.9	22.6	298.2
December	2.6	2.7	4.7	27.2	2.6	34.5	25.0	25.3	22.9	252.5	24.5	299.9
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	R32.7	23.5	23.8	R22.0	R250.2	R17.5	R289.7
March	2.5	2.5	4.9	28.1	1.9	34.9	24.2	24.5	22.9	260.1	13.8	296.8

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 2016 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

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	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	0.500	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	0.800	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	0.700	NA	0.726
1997	0.781	0.775	0.719	0.649	0.600	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	0.700	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												
January	1.554	1.554	1.439	1.305	1.286	1.306	1.748	1.750	1.639	1.431	-	1.442
February	1.737	1.735	1.671	1.564	W	1.562	1.893	1.891	1.882	1.677	-	1.687
March	1.852	1.851	1.949	1.662	1.683	1.670	2.034	2.031	2.121	1.793	-	1.810
April	1.882	1.883	1.942	1.731	1.710	1.734	2.067	2.065	2.124	1.856	-	1.870
May	2.096	2.097	2.244	1.950	1.906	1.953	2.285	2.283	2.451	2.081	-	2.099
June	2.221	2.220	2.271	2.023	W	2.025	2.396	2.393	2.462	2.178	-	2.192
July	2.123	2.124	2.279	1.919	W	1.929	2.327	2.325	2.466	2.105	-	2.122
August	2.020	2.018	2.066	1.708	1.666	1.712	2.230	2.229	2.316	1.919	-	1.939
September	1.744	1.743	1.768	1.512	W	1.508	1.984	1.985	2.078	1.706	-	1.725
October	1.722	1.721	1.590	1.478	W	1.473	1.922	1.923	1.933	1.665	-	1.679
November	1.562	1.562	1.549	1.333	W	1.336	1.768	1.768	1.811	1.500	-	1.518
December	1.430	1.431	1.489	1.251	1.235	1.255	1.648	1.648	1.750	1.399	-	1.419
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	R1.679	R1.540	R1.546	1.544	R1.956	R1.956	1.866	1.709	-	1.719
March	1.739	1.740	1.766	1.542	W	1.546	1.994	1.993	1.961	1.715	-	1.730

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

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	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												
January	1.908	1.901	1.648	1.615	1.480	1.604	1.587	1.586	1.475	1.335	1.302	1.335
February	2.062	2.054	W	1.854	1.702	1.842	1.765	1.763	1.709	1.591	1.538	1.588
March	2.214	2.207	2.157	1.986	1.880	1.983	1.885	1.884	1.984	1.692	1.700	1.700
April	2.244	2.239	2.156	2.071	1.895	2.055	1.916	1.917	1.979	1.764	1.730	1.766
May	2.459	2.454	2.473	2.308	2.128	2.298	2.131	2.131	2.285	1.985	1.928	1.987
June	2.577	2.570	W	2.432	2.349	2.428	2.254	2.253	2.311	2.064	2.008	2.065
July	2.508	2.504	W	2.375	2.415	2.382	2.160	2.161	2.319	1.965	1.991	1.975
August	2.407	2.401	2.302	2.203	2.016	2.189	2.058	2.057	2.109	1.759	1.707	1.763
September	2.166	2.158	W	1.968	1.713	1.946	1.786	1.785	1.812	1.559	1.449	1.553
October	2.124	2.114	W	1.885	1.648	1.860	1.760	1.759	1.637	1.519	1.413	1.513
November	1.977	1.970	W	1.725	1.471	1.697	1.602	1.601	1.591	1.372	1.326	1.373
December	1.866	1.860	1.726	1.630	1.410	1.609	1.471	1.472	1.532	1.288	1.254	1.290
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	R1.732	1.890	1.747	R1.748	R1.721	R1.574	R1.560	1.577
March	2.250	2.247	W	1.916	1.716	1.903	1.786	1.787	1.809	1.578	1.561	1.583

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 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. Sales to end users - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2016 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

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	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												
January	13.4	13.6	3.7	150.4	17.2	171.2	0.8	0.8	0.1	1.8	-	1.9
February	13.5	13.8	W	156.1	W	179.1	0.8	0.8	0.1	1.8	-	1.9
March	13.6	13.8	3.9	156.9	17.6	178.4	0.8	0.8	0.1	1.9	-	2.0
April	14.0	14.3	3.9	162.8	17.5	184.2	0.8	0.8	0.1	2.0	-	2.1
May	14.3	14.6	3.9	162.0	16.4	182.3	0.9	0.9	0.1	2.1	-	2.2
June	14.3	14.6	W	165.5	W	184.6	0.9	0.9	0.1	2.1	-	2.2
July	14.6	14.9	W	167.9	W	186.1	0.9	0.9	0.1	2.1	-	2.2
August	14.2	14.5	4.0	163.8	15.5	183.3	0.9	0.9	0.1	2.0	-	2.1
September	14.1	14.4	W	161.3	W	184.5	0.9	0.9	0.1	1.9	-	2.0
October	14.2	14.5	W	162.3	W	180.4	0.9	0.9	0.1	1.8	-	1.9
November	13.9	14.1	W	159.6	W	180.2	0.8	0.8	0.1	1.8	-	1.9
December	14.0	14.2	4.1	159.7	18.9	182.7	0.8	0.8	0.1	1.7	-	1.8
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	R3.8	R158.6	13.4	R175.9	0.7	0.8	0.1	1.4	-	1.5
March	13.3	13.5	W	164.5	W	177.8	0.8	0.8	0.1	1.5	-	1.6

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

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	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												
January	1.0	1.0	0.7	15.1	1.6	17.4	15.1	15.4	4.5	167.2	18.8	190.5
February	1.0	1.0	W	15.2	W	17.6	15.3	15.6	4.7	173.2	20.7	198.6
March	1.0	1.0	0.7	15.7	1.6	18.0	15.4	15.7	4.7	174.5	19.2	198.4
April	1.1	1.1	0.7	16.8	2.1	19.6	15.9	16.2	4.7	181.6	19.6	205.9
May	1.1	1.1	0.7	17.0	1.8	19.6	16.3	16.6	4.7	181.1	18.3	204.0
June	1.1	1.1	W	17.7	W	19.9	16.3	16.6	4.9	185.2	16.5	206.6
July	1.1	1.2	W	18.3	W	20.5	16.7	17.0	5.0	188.2	15.6	208.8
August	1.1	1.2	0.8	18.1	2.0	20.9	16.2	16.6	4.9	183.9	17.5	206.2
September	1.1	1.2	W	17.6	W	20.2	16.1	16.4	4.7	180.8	21.1	206.7
October	1.1	1.1	W	17.1	W	19.9	16.2	16.5	4.8	181.3	16.1	202.2
November	1.1	1.1	W	16.8	W	19.9	15.8	16.1	4.9	178.2	18.9	202.0
December	1.1	1.1	0.8	16.6	2.3	19.7	15.9	16.2	5.0	178.0	21.2	204.2
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	R16.0	1.0	17.8	14.6	R14.8	R4.7	R176.1	R14.4	R195.2
March	1.0	1.0	W	17.0	W	19.4	15.1	15.3	4.8	182.9	11.0	198.8

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 2016 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

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	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	0.800	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												
January	1.748	1.747	1.577	1.348	1.431	1.391	1.958	1.958	1.684	1.461	-	1.515
February	1.955	1.954	1.913	1.650	W	1.697	2.143	2.142	2.081	1.784	-	1.857
March	2.268	2.266	2.266	1.781	1.792	1.869	2.503	2.503	2.377	1.932	-	2.040
April	2.233	2.231	2.224	1.873	1.946	1.938	2.450	2.450	2.386	2.013	-	2.101
May	2.579	2.578	2.703	2.122	2.223	2.227	2.826	2.826	2.865	2.263	-	2.396
June	2.515	2.513	2.502	2.121	W	2.187	2.736	2.736	2.650	2.260	-	2.346
July	2.574	2.572	2.751	2.108	W	2.221	2.862	2.862	2.956	2.279	-	2.418
August	2.414	2.412	2.440	1.826	1.841	1.934	2.701	2.701	2.550	1.990	-	2.106
September	2.059	2.058	2.086	1.576	W	1.666	2.358	2.358	2.211	1.745	-	1.847
October	1.920	1.919	1.931	1.522	W	1.593	2.181	2.181	2.101	1.694	-	1.786
November	1.815	1.814	1.817	1.406	W	1.480	2.057	2.057	1.971	1.572	-	1.663
December	1.744	1.743	1.801	1.358	1.418	1.437	2.011	2.011	2.000	1.544	-	1.652
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	R1.665	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

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

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	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	1.100	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	2.200	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	2.700	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												
January	2.080	2.080	1.758	1.615	1.486	1.652	1.825	1.824	1.617	1.385	1.435	1.431
February	2.254	2.254	W	1.922	W	1.976	2.023	2.022	1.957	1.688	1.662	1.740
March	2.616	2.615	2.429	2.076	2.124	2.173	2.348	2.346	2.301	1.822	1.817	1.916
April	2.567	2.566	2.420	2.162	2.228	2.231	2.309	2.308	2.267	1.915	1.967	1.984
May	2.954	2.953	2.877	2.429	2.592	2.545	2.664	2.662	2.740	2.166	2.248	2.276
June	2.825	2.825	W	2.450	W	2.513	2.587	2.585	2.544	2.168	2.150	2.237
July	2.947	2.946	W	2.505	W	2.622	2.661	2.660	2.795	2.165	2.208	2.283
August	2.792	2.792	2.612	2.232	2.200	2.329	2.503	2.501	2.477	1.886	1.866	1.996
September	2.472	2.472	W	1.972	W	2.052	2.157	2.155	2.128	1.634	1.645	1.728
October	2.302	2.302	W	1.895	W	1.962	2.008	2.007	1.979	1.577	1.566	1.651
November	2.209	2.209	W	1.765	W	1.836	1.907	1.905	1.864	1.459	1.524	1.537
December	2.162	2.161	2.029	1.725	1.868	1.809	1.841	1.840	1.854	1.412	1.456	1.497
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

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 2016 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

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	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												
January	6.5	6.5	13.5	60.6	2.2	76.3	0.9	0.9	0.2	0.8	-	1.0
February	6.7	6.7	W	62.3	W	78.6	0.9	0.9	0.3	0.8	-	1.1
March	6.7	6.7	14.4	62.2	2.8	79.5	0.9	0.9	0.3	0.8	-	1.1
April	6.7	6.8	14.3	63.3	3.2	80.8	0.9	0.9	0.3	0.8	-	1.1
May	6.9	6.9	14.1	63.6	2.8	80.6	0.9	0.9	0.2	0.9	-	1.1
June	7.0	7.0	W	65.5	W	82.6	0.9	0.9	0.2	0.9	-	1.1
July	6.9	6.9	W	64.3	W	80.9	0.9	0.9	0.2	0.9	-	1.1
August	7.0	7.0	14.3	64.7	3.0	81.9	0.9	0.9	0.2	0.9	-	1.2
September	6.9	6.9	W	63.8	W	81.0	0.9	0.9	0.2	0.8	-	1.1
October	6.9	7.0	W	64.8	W	81.6	0.9	0.9	0.2	0.8	-	1.0
November	6.6	6.6	W	63.2	W	80.4	0.9	0.9	0.2	0.8	-	1.0
December	6.6	6.6	13.8	63.2	3.0	79.9	0.9	0.9	0.2	0.8	-	1.0
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	R2.8	R78.8	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

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

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	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												
January	1.5	1.5	3.7	9.7	0.2	13.5	8.8	8.8	17.5	71.0	2.4	90.8
February	1.5	1.5	W	9.8	W	13.7	9.0	9.1	18.2	73.0	2.3	93.4
March	1.5	1.5	3.7	9.8	0.2	13.8	9.1	9.1	18.4	72.9	3.1	94.3
April	1.5	1.5	3.8	10.4	0.3	14.4	9.1	9.2	18.4	74.5	3.4	96.4
May	1.5	1.5	3.6	10.5	0.2	14.3	9.3	9.3	18.0	74.9	3.1	96.0
June	1.5	1.5	W	10.6	W	14.6	9.4	9.5	18.3	76.9	3.1	98.3
July	1.5	1.5	W	10.5	W	14.2	9.3	9.3	17.8	75.6	2.9	96.3
August	1.5	1.5	3.8	10.7	0.2	14.8	9.4	9.4	18.3	76.3	3.2	97.9
September	1.5	1.5	W	10.8	W	14.9	9.3	9.4	18.2	75.5	3.3	97.0
October	1.5	1.5	W	10.9	W	15.0	9.4	9.4	18.2	76.5	2.9	97.6
November	1.5	1.5	W	10.7	W	14.8	9.0	9.1	17.8	74.7	3.7	96.2
December	1.5	1.5	4.0	10.6	0.3	14.8	9.0	9.1	18.0	74.6	3.2	95.8
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	R3.1	R94.5
March	1.5	1.5	W	11.1	W	15.5	9.1	9.2	18.0	77.1	2.8	98.0

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 2016 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

Year month	Sulfur less than or equal to 1%		Sulfur greater than 1%		Average	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
1985	0.644	0.610	0.582	0.560	0.610	0.577
1986	0.372	0.328	0.317	0.289	0.343	0.305
1987	0.447	0.412	0.396	0.362	0.423	0.385
1988	0.372	0.333	0.300	0.271	0.334	0.300
1989	0.436	0.407	0.344	0.331	0.385	0.360
1990	0.505	0.472	0.400	0.372	0.444	0.413
1991	0.402	0.364	0.306	0.292	0.340	0.314
1992	0.389	0.351	0.312	0.286	0.336	0.308
1993	0.397	0.337	0.303	0.256	0.337	0.293
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						
January	NA	0.936	1.192	1.038	1.264	1.023
February	NA	1.150	1.342	1.124	1.376	1.126
March	NA	1.093	1.436	1.131	1.465	1.126
April	1.704	1.124	1.465	1.114	1.516	1.114
May	NA	1.198	1.443	1.242	1.543	1.234
June	W	1.175	1.474	1.239	1.549	1.233
July	W	1.080	1.245	1.130	1.363	1.122
August	W	0.797	1.150	0.928	1.207	0.918
September	W	0.819	1.063	0.856	1.107	0.852
October	NA	0.812	1.041	0.840	1.094	0.836
November	W	0.766	1.001	0.791	1.043	0.787
December	W	0.552	0.861	0.639	0.919	0.633
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	R1.115	1.291	R1.121
March	W	1.103	1.186	1.074	1.239	1.076

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 2016 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

Year month	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
1985	11.4	7.0	13.8	12.9	25.2	19.9
1986	15.2	7.9	16.4	10.7	31.6	18.6
1987	15.1	7.8	13.9	9.1	29.0	16.9
1988	14.2	8.7	15.9	10.3	30.2	18.9
1989	13.4	7.9	17.0	13.1	30.4	21.0
1990	11.1	7.4	14.9	10.5	25.9	17.9
1991	8.6	5.6	15.5	12.2	24.0	17.8
1992	7.1	5.2	15.3	10.0	22.4	15.2
1993	6.2	5.7	11.1	6.9	17.2	12.6
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						
January	NA	1.0	3.1	5.5	3.6	6.5
February	NA	0.7	3.1	7.0	3.7	7.7
March	NA	1.0	3.2	6.8	3.5	7.8
April	1.0	0.6	3.6	7.0	4.6	7.6
May	NA	1.4	3.0	6.6	3.9	8.0
June	W	0.9	W	8.0	4.6	8.9
July	W	1.2	W	7.1	3.6	8.3
August	W	0.7	W	8.4	4.3	9.1
September	W	0.9	W	7.2	4.5	8.1
October	NA	1.2	2.9	7.0	3.7	8.2
November	W	1.2	W	6.8	4.4	8.0
December	W	0.6	W	8.3	4.0	8.9
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	R0.6	W	R5.6	4.4	6.2
March	W	0.4	W	5.4	4.6	5.8

NA = Not available.

R = Revised data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2016 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."

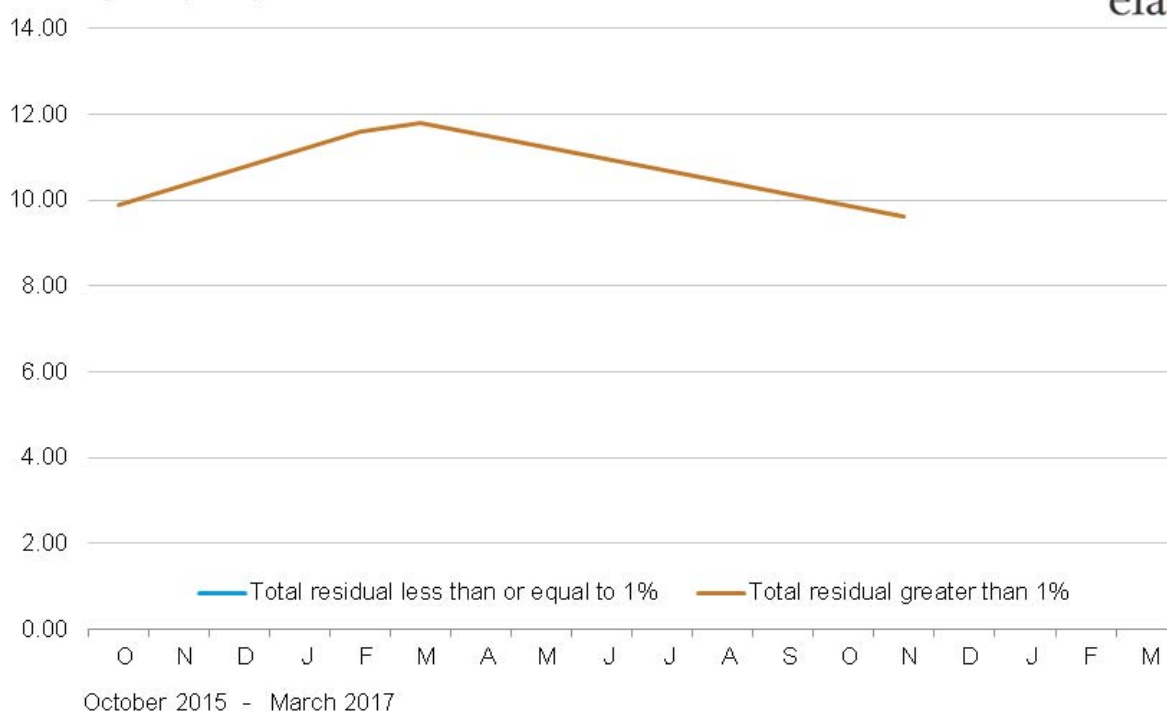
Figure 7. U.S. Refiner residual fuel oil prices and volumes



dollars per gallon excluding taxes



million gallons per day



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

Year month	U.S. Average		PAD District 1				PAD District 2						
	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													
January	43.06	43.29	34.35	W	34.07	31.81	39.72	43.37	43.57	42.18	44.25	43.18	38.30
February	44.35	44.43	35.46	W	33.87	34.44	43.00	45.66	46.08	44.92	46.88	46.33	41.18
March	42.66	42.80	32.49	W	32.20	29.57	40.24	42.66	43.09	41.66	44.06	43.11	38.20
April	49.30	49.38	41.47	W	41.19	38.14	46.97	48.82	49.38	47.70	50.15	50.41	44.71
May	54.38	54.53	46.58	W	46.03	43.75	52.11	54.24	54.59	53.13	55.24	55.42	50.24
June	55.88	56.01	47.23	W	46.95	43.82	53.90	54.61	54.85	53.73	55.60	55.79	50.61
July	47.70	47.82	41.03	W	44.50	35.77	45.74	46.54	47.46	45.51	48.28	47.60	42.47
August	39.98	40.20	32.48	W	37.82	26.62	36.70	38.46	39.13	37.48	39.95	39.52	34.32
September	41.60	41.74	36.31	W	40.28	31.95	38.93	40.64	40.93	39.76	41.82	42.12	36.84
October	42.34	42.57	36.90	W	40.71	32.17	40.57	41.77	42.20	40.83	42.81	44.19	37.90
November	38.19	38.45	32.96	W	36.09	30.23	37.49	38.21	38.62	37.34	39.16	40.68	34.62
December	32.26	32.62	27.45	W	31.65	24.17	31.45	32.94	33.41	31.78	33.71	35.69	29.31
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	R25.52	R25.84	20.70	W	25.27	17.38	24.06	26.12	26.31	25.19	27.73	28.35	22.83
March	31.87	R32.14	29.80	W	33.03	25.64	31.44	33.25	33.18	32.64	34.18	35.43	30.58
April	35.59	R35.83	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	R40.71	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	R40.84	R37.33	W	40.51	34.14	39.68	40.75	40.82	39.77	41.53	45.16	38.28
September	R40.55	R40.92	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	R38.64	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	R48.89	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

See footnotes at end of table.

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

dollars per barrel

Year month	PAD District 2 (cont.)				PAD District 3							Federal Offshore Gulf
	ND	OH	OK	SD	Average	AL	AR	LA	MS	NM	TX	
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												
January	37.52	35.42	44.36	40.04	45.23	43.24	41.41	46.64	45.21	42.63	43.43	51.57
February	41.31	37.20	46.94	43.61	45.21	44.00	44.57	48.92	47.49	44.37	44.66	46.61
March	38.77	35.31	43.46	40.76	43.81	42.51	41.94	47.36	45.47	42.11	42.89	47.12
April	46.08	43.94	48.92	47.04	50.57	50.89	48.45	54.91	52.88	48.19	49.82	53.23
May	51.08	49.23	54.44	52.23	55.68	55.46	53.46	60.12	57.81	53.98	55.21	57.33
June	53.41	50.76	55.42	53.48	57.16	56.38	53.36	60.99	58.57	54.77	56.15	61.02
July	45.21	40.56	47.69	46.21	48.71	47.89	45.71	51.52	49.06	47.29	48.15	50.43
August	35.67	31.73	39.49	38.09	41.64	39.82	36.99	43.09	40.60	39.98	40.16	46.21
September	37.78	34.90	41.67	39.64	42.96	41.98	39.71	45.53	43.02	43.03	42.99	42.66
October	39.78	36.27	42.64	41.03	43.61	42.06	40.64	45.90	43.44	43.81	43.55	43.54
November	36.98	32.98	39.16	37.89	39.06	36.51	36.89	40.77	38.54	38.63	38.79	39.94
December	30.67	28.21	33.16	30.46	33.23	32.08	31.50	34.77	32.79	31.98	32.36	35.88
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	R28.16	26.95	26.11	29.50	27.69	R27.48	R27.35	30.54
February	22.72	22.22	26.40	23.34	R26.57	25.39	24.66	28.10	26.13	R26.60	26.47	26.75
March	30.35	30.64	33.09	30.56	32.38	31.96	32.30	34.98	33.13	R32.92	33.01	30.14
April	34.54	31.45	36.45	33.60	36.19	35.79	35.07	38.81	36.78	R36.15	36.56	34.99
May	39.47	40.19	42.71	39.60	R41.53	41.58	40.80	44.53	42.52	R42.11	42.52	38.48
June	42.80	43.41	45.33	42.48	R44.95	44.90	42.75	47.30	44.78	R44.99	45.35	43.64
July	39.58	39.59	41.80	38.72	41.82	40.79	38.99	43.21	41.16	R41.25	41.62	42.54
August	38.53	39.24	41.63	38.66	R41.40	40.46	38.81	43.00	40.94	R41.18	41.44	41.29
September	38.70	39.89	41.71	38.86	R41.40	40.57	38.80	43.07	41.03	R41.35	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	R39.19	38.53	37.21	41.08	39.18	R39.18	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	R50.23	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

See footnotes at end of table.

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

dollars per barrel

Year month	PAD District 4					PAD District 5				
	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										
January	37.74	38.53	36.91	38.04	37.17	41.49	39.32	W	42.93	32.04
February	40.07	39.84	39.99	38.69	40.85	44.85	43.03	W	47.02	35.65
March	39.44	38.68	37.38	46.04	38.32	43.10	40.44	W	44.95	34.68
April	45.38	44.75	45.26	47.87	44.96	49.19	48.06	W	50.81	41.17
May	49.59	49.20	50.06	47.65	50.60	54.40	51.76	W	56.91	47.26
June	51.20	50.17	52.07	49.40	52.51	55.59	53.38	W	57.25	W
July	44.39	44.05	44.21	43.26	45.14	47.61	45.53	W	49.17	W
August	34.91	34.97	34.89	33.78	35.33	39.29	35.53	W	41.66	W
September	36.94	38.12	36.88	35.87	36.40	41.17	39.15	W	42.87	W
October	38.92	39.75	38.92	36.71	39.09	40.52	38.70	W	42.20	W
November	35.76	36.81	36.08	34.23	35.49	36.41	34.30	W	38.38	W
December	30.01	31.21	29.89	29.88	29.19	30.07	26.92	W	32.95	W
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

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - 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 2016 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									
January	39.32	41.97	40.79	50.41	48.48	48.22	43.25	44.06	38.71
February	43.03	46.13	44.95	47.99	48.64	44.90	44.76	45.56	41.67
March	40.44	44.28	43.17	49.05	47.53	45.35	43.00	43.38	38.72
April	48.06	50.32	48.22	54.66	54.87	55.90	49.12	49.59	45.97
May	51.76	55.26	54.54	59.83	59.84	56.27	54.50	55.62	51.35
June	53.38	56.53	55.31	62.74	61.14	61.07	55.48	56.75	52.63
July	45.53	48.18	47.00	45.87	52.31	51.65	47.79	49.93	45.51
August	35.53	40.85	39.85	45.22	44.30	43.76	40.13	41.61	36.68
September	39.15	42.92	40.65	43.57	45.02	40.47	42.78	44.38	38.82
October	38.70	41.31	40.33	45.13	42.33	41.32	43.46	45.28	40.49
November	34.30	37.43	36.32	40.45	40.48	37.03	38.82	39.84	37.63
December	26.92	31.80	30.33	35.60	34.92	32.90	32.23	32.99	30.93
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	R27.29	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	R39.20	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

- = No data reported.

R = Revised data.

Notes: - 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 2016 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						
January	39.71	43.76	38.68	48.02	43.13	40.87
February	43.58	47.53	42.55	46.40	44.82	43.58
March	42.35	44.43	40.02	46.14	42.85	41.39
April	47.96	51.00	47.49	52.96	49.34	48.87
May	54.11	57.30	51.45	57.21	54.69	54.04
June	56.18	57.25	53.28	59.88	55.73	55.41
July	47.95	49.38	45.38	47.99	47.99	46.86
August	40.76	41.02	35.09	43.65	40.15	38.18
September	42.34	42.74	38.20	42.93	42.52	40.81
October	41.25	42.49	38.34	44.48	43.00	41.79
November	37.26	38.86	33.90	39.32	38.94	37.79
December	31.39	34.15	26.70	34.00	32.56	31.65
2015	43.88	45.71	40.73	46.82	44.67	43.65
2016						
January	26.13	27.33	21.54	28.96	R27.30	R26.42
February	24.37	25.95	20.75	26.67	26.41	R24.83
March	31.93	33.32	27.70	31.90	32.98	R31.98
April	34.72	35.99	31.68	35.92	36.51	R35.84
May	40.00	41.97	37.41	40.94	42.41	R41.45
June	40.44	43.04	37.93	44.51	45.16	R44.47
July	37.34	39.42	33.47	41.82	41.55	R40.99
August	39.18	40.46	34.17	41.22	41.40	R40.46
September	39.39	40.76	34.40	40.88	41.55	R40.70
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	R39.33	R38.25
2017						
January	48.35	49.32	43.77	48.25	49.47	48.12
February	48.82	49.78	44.88	R49.22	50.68	49.64
March	45.70	46.37	43.79	46.92	46.93	46.04

R = Revised data.

Notes: - 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 2016 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

Year month	Selected countries							Persian Gulf[b]	Total OPEC[c]	Non OPEC
	Angola	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela			
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										
January	-	42.49	41.19	-	48.14	-	37.99	52.21	42.64	38.89
February	W	50.79	48.12	W	47.92	-	45.85	47.70	47.31	42.43
March	W	47.25	46.89	-	50.64	-	43.51	49.75	45.54	42.63
April	W	54.95	50.49	-	58.95	-	49.03	53.33	50.55	47.41
May	W	56.30	56.80	-	61.80	-	51.99	59.55	54.95	53.59
June	W	56.42	56.78	-	58.31	-	50.34	58.57	54.06	53.70
July	W	46.62	50.71	-	W	-	44.44	50.42	46.61	45.55
August	W	42.35	40.40	-	43.38	-	35.47	43.01	38.21	36.62
September	W	W	40.50	-	44.50	-	36.23	43.87	39.81	35.06
October	W	41.56	40.18	-	42.51	-	37.77	40.68	39.33	36.02
November	-	W	36.16	-	39.87	-	31.68	38.17	33.98	33.30
December	W	28.98	30.12	W	34.75	-	24.91	33.79	29.35	27.57
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	R22.66
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	-	R27.31	32.32	R31.37	R28.35
April	W	33.57	30.79	W	37.13	-	29.07	35.67	34.08	R31.92
May	W	39.00	39.04	W	42.44	W	36.65	40.55	40.51	R37.04
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	R36.78
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	R38.51	R34.81
2017										
January	-	47.92	45.50	W	W	-	45.94	R47.61	R47.30	43.27
February	W	R46.97	R45.91	W	R51.05	-	R45.69	R50.09	R49.17	R43.63
March	W	46.46	42.15	W	48.44	-	42.81	47.76	46.43	42.00

- = 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), 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 2016 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

Year month	Selected countries								Persian Gulf[a]	Total OPEC[b]	Non OPEC
	Angola	Canada	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela			
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											
January	W	40.45	45.47	41.68	W	50.12	-	40.08	53.01	48.17	42.31
February	W	42.39	53.40	48.29	W	52.44	-	47.93	52.20	51.44	44.86
March	W	41.71	51.25	47.62	W	55.23	W	45.90	54.30	51.13	44.82
April	W	46.67	57.48	52.13	-	59.92	W	52.17	56.99	55.39	49.79
May	60.84	54.06	59.92	57.32	W	62.06	W	53.78	60.92	59.11	55.97
June	61.45	55.42	58.21	57.46	W	58.40	-	52.43	58.17	56.79	56.69
July	53.22	47.98	51.58	51.25	W	51.62	-	46.74	51.93	50.45	49.42
August	54.02	38.29	43.87	41.94	-	45.24	W	38.75	45.70	43.17	40.41
September	53.46	35.29	42.87	40.71	W	44.89	-	37.91	44.94	43.31	37.82
October	47.49	37.64	42.37	40.67	W	42.09	W	39.55	41.81	41.57	39.41
November	47.56	35.67	39.70	36.73	W	39.62	-	33.79	39.43	37.86	36.68
December	38.54	30.25	32.50	30.54	W	34.13	W	26.73	34.33	32.60	30.91
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	R26.32	26.23	24.82	W	R30.96	-	21.64	R30.85	R28.94	R26.33
February	33.04	R24.62	26.32	25.19	39.44	31.86	W	23.49	R30.91	R29.63	R25.43
March	36.68	R29.31	33.38	29.65	42.86	36.19	W	R28.83	R34.84	R34.02	R30.35
April	40.91	R34.19	36.71	31.91	W	39.75	-	31.20	38.00	R36.80	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	R42.77	R41.78	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	R43.31	R42.62	39.60
October	48.88	41.79	43.44	43.44	W	46.95	-	41.61	R45.50	R45.65	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	R48.83	45.84	55.62	50.38	W	45.69	49.38	R49.07	R44.83
2016	44.65	36.27	R38.86	36.64	48.11	R42.14	W	35.50	R41.20	R40.54	37.09
2017											
January	-	44.70	49.17	46.35	54.74	R50.40	W	47.53	R49.35	R49.22	45.77
February	W	R44.97	R49.68	R46.57	R54.42	R52.56	-	R46.28	R51.65	R50.84	R46.24
March	W	43.04	48.31	43.12	W	50.25	-	44.20	49.49	48.42	43.94

- = No data reported.

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R = Revised data.

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

[b] Includes Algeria, Angola (January 2007-present), Ecuador (January 2008-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.

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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							
January	36.12	37.19	40.56	48.26	44.79	-	-
February	43.24	40.73	51.51	47.81	49.30	-	-
March	41.68	40.74	47.13	49.07	50.01	W	-
April	47.47	44.71	52.40	55.26	54.20	W	-
May	50.76	50.63	57.31	61.11	60.60	-	-
June	51.61	51.06	56.49	58.88	60.35	W	W
July	43.79	43.36	48.56	51.62	54.06	W	-
August	34.73	34.10	38.43	44.65	44.58	-	-
September	34.74	32.70	41.60	44.02	44.32	-	W
October	35.75	34.14	40.94	44.34	46.13	-	-
November	30.81	31.02	34.68	40.92	42.87	W	-
December	25.06	24.39	31.91	35.43	36.94	-	-
2015	40.07	38.33	47.33	47.85	49.98	54.59	W
2016							
January	20.34	20.28	25.86	R28.16	31.02	-	W
February	22.26	21.01	27.87	28.75	31.81	-	W
March	R26.73	R26.28	30.41	R35.21	36.02	-	43.97
April	29.03	R29.56	36.10	R37.84	R41.01	W	W
May	35.85	R35.31	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	R36.66	R34.38	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	R41.10	47.97	R50.44	50.01	-	W
February	44.33	R42.25	R48.44	50.88	R50.29	51.84	W
March	42.08	39.38	47.25	49.88	49.59	W	W

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[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							
January	40.03	39.79	52.17	50.77	47.48	53.39	W
February	45.77	43.20	51.82	51.89	51.56	48.84	-
March	45.13	42.48	51.32	52.91	50.05	51.66	-
April	50.79	47.45	55.10	57.95	54.76	53.56	-
May	54.00	52.93	58.54	62.19	62.56	W	-
June	54.56	54.32	57.64	59.85	61.64	62.71	W
July	47.27	47.50	51.18	53.06	54.59	54.54	-
August	38.84	37.49	42.89	47.05	48.15	W	-
September	37.30	35.30	43.82	46.06	45.39	W	W
October	38.40	37.27	41.77	44.08	46.40	W	W
November	34.27	33.76	38.97	41.62	45.33	45.46	W
December	29.10	27.95	36.64	35.93	39.34	43.39	W
2015	43.20	41.14	49.58	50.16	50.78	54.54	51.70
2016							
January	22.58	23.84	28.81	R32.31	33.96	W	W
February	24.13	R23.06	R30.59	R31.54	R32.82	W	W
March	R28.96	R28.49	R35.00	R36.39	36.45	W	46.17
April	31.16	R32.03	38.03	R39.61	R41.84	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	R43.00	44.37	47.85	48.61	W
August	38.22	36.47	43.35	44.02	45.83	46.60	W
September	R37.99	36.77	44.73	R44.69	46.71	46.95	W
October	41.56	40.47	R44.81	47.69	49.80	50.10	W
November	39.80	37.88	46.14	46.52	48.22	50.71	52.19
December	R44.68	42.56	R50.07	50.81	51.77	52.85	54.19
2016	R35.85	34.78	R41.73	R42.14	44.49	48.15	48.93
2017							
January	46.52	43.28	R49.62	R51.68	51.39	W	W
February	R46.11	R44.11	R50.97	R52.90	R52.73	55.13	W
March	44.25	41.52	48.06	51.55	51.09	52.83	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							
January	16.01	41.24	7.33	27.28	7.14	W	W
February	15.02	41.48	10.70	24.13	8.33	0.35	-
March	20.31	36.19	10.31	27.60	4.57	1.02	-
April	20.36	37.95	11.27	24.61	5.66	0.14	-
May	18.26	34.55	9.80	28.26	W	W	-
June	24.33	32.26	9.67	25.44	6.81	W	W
July	20.21	37.46	8.62	24.09	8.84	0.78	-
August	23.42	36.61	W	24.31	7.75	W	-
September	22.05	35.89	8.69	25.82	7.37	W	W
October	18.60	38.33	7.98	28.55	6.42	W	W
November	18.22	40.95	7.08	26.93	6.57	W	W
December	17.11	43.82	4.57	26.79	7.52	W	W
2015	19.51	38.05	8.63	26.17	7.15	0.43	0.06
2016							
January	R14.67	R39.97	R8.05	R28.29	R7.58	W	W
February	R17.08	R39.91	R7.33	R26.90	R7.41	W	W
March	R15.99	R39.89	R7.09	R28.81	R7.00	W	W
April	R15.21	R41.12	R5.90	R26.43	R8.70	W	W
May	R15.78	R44.08	8.63	R21.39	R7.76	W	W
June	16.03	37.92	10.60	22.94	7.74	W	W
July	R16.33	R39.01	R10.91	R23.35	R7.65	W	W
August	19.78	R35.51	8.22	R24.34	R10.03	W	W
September	R17.14	R38.13	R7.52	R24.58	R11.10	W	W
October	R17.49	R38.52	R5.78	R25.72	R8.69	W	W
November	17.99	35.22	10.62	22.64	9.46	2.36	1.72
December	R16.78	R38.02	R9.82	R23.82	R7.94	R2.21	R1.41
2016	16.70	R38.88	R8.43	R24.92	R8.42	1.43	1.22
2017							
January	R16.08	R43.15	R8.85	R23.05	R8.11	W	W
February	R15.49	R42.17	R7.14	R22.97	R8.13	W	W
March	17.14	42.79	9.59	21.77	6.56	W	W

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

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 2016 are final.

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					
January	W	W	40.11	-	W
February	W	-	47.31	-	48.13
March	W	W	45.67	-	45.61
1st quarter average	W	W	44.26	-	44.61
April	W	49.72	49.53	-	49.85
May	W	W	55.16	-	W
June	W	W	56.63	-	W
2nd quarter average	W	52.99	53.57	-	54.93
July	W	W	50.53	-	W
August	W	-	40.55	-	W
September	-	W	39.50	-	W
3rd quarter average	W	W	43.64	-	W
October	-	W	39.14	-	W
November	-	W	35.36	-	W
December	-	W	28.74	W	W
4th quarter average	-	W	34.73	W	W
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	-	W	42.39	-	W
1st quarter average	W	47.16	44.92	W	44.99

- = 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 streams 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 2016 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					
January	-	W	35.54	44.11	W
February	-	W	39.38	45.40	40.02
March	-	-	38.53	45.13	43.08
1st quarter average	-	W	37.94	R44.85	R43.09
April	-	-	43.05	51.51	41.52
May	-	W	49.96	57.72	44.60
June	W	-	54.33	57.62	W
2nd quarter average	W	W	48.87	R56.24	R47.98
July	-	W	46.98	50.29	W
August	-	-	33.33	44.39	W
September	-	-	30.50	42.33	W
3rd quarter average	-	W	37.08	45.99	W
October	-	W	36.11	43.83	W
November	-	-	31.42	44.27	W
December	-	W	26.11	37.58	W
4th quarter average	-	W	31.39	42.37	W
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	-	R26.96	34.53	W
1st quarter average	W	W	R22.99	30.06	W
April	-	-	R31.38	38.30	W
May	W	-	35.84	42.53	W
June	W	-	39.70	46.22	W
2nd quarter average	W	-	R35.87	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	-	R43.43	50.94	W
March	W	W	39.75	47.85	-
1st quarter average	W	W	41.54	48.98	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					
January	46.44	W	66.83	40.70	-
February	51.98	W	W	47.69	-
March	50.68	45.89	W	46.42	-
1st quarter average	49.51	44.66	60.44	R44.80	-
April	54.79	W	49.93	51.18	-
May	60.87	-	55.30	56.00	W
June	60.38	56.96	56.75	56.70	W
2nd quarter average	58.79	55.92	R53.24	54.47	66.10
July	54.90	W	54.12	51.25	-
August	45.21	W	W	42.29	-
September	45.10	41.06	46.17	39.99	-
3rd quarter average	48.62	42.48	R50.53	44.39	-
October	45.33	40.83	41.74	39.72	-
November	40.56	W	38.67	36.05	-
December	34.83	26.47	35.18	29.28	W
4th quarter average	40.43	35.41	39.39	35.21	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	R29.27	25.46	-
March	35.40	30.07	R35.16	29.82	-
1st quarter average	31.19	28.06	R31.74	26.83	W
April	38.81	R35.05	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	R39.65	40.55	38.08	-
July	42.50	38.82	R43.78	40.49	-
August	41.32	40.07	41.98	39.39	-
September	43.17	R41.35	42.47	39.05	-
3rd quarter average	42.40	R39.97	R42.72	39.63	-
October	46.21	W	R44.37	43.76	-
November	44.69	42.20	43.11	40.32	-
December	48.95	R46.47	47.72	45.99	-
4th quarter average	46.30	R44.15	R44.72	43.22	-
2016	40.68	R37.46	R39.90	36.79	W
2017					
January	51.02	W	R48.34	46.58	-
February	W	W	R50.99	R46.55	-
March	49.76	46.37	48.50	43.33	-
1st quarter average	50.32	47.10	49.08	45.76	-

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					
January	-	50.32	50.36	48.87	W
February	-	52.19	51.84	54.93	50.43
March	-	54.29	55.42	W	47.50
1st quarter average	-	R52.51	R52.97	53.62	46.64
April	-	60.47	58.31	W	52.11
May	-	64.06	60.34	W	W
June	-	59.88	56.99	W	W
2nd quarter average	-	61.34	R58.52	W	57.02
July	-	52.08	51.47	53.96	W
August	-	45.49	44.58	47.02	W
September	-	45.63	43.42	49.25	W
3rd quarter average	-	47.47	R46.99	49.89	W
October	-	42.07	41.44	48.22	W
November	-	40.40	37.13	45.59	W
December	W	35.37	32.36	W	W
4th quarter average	W	R39.55	R36.92	45.64	W
2015	W	50.00	48.66	52.83	45.77
2016					
January	W	R30.78	31.18	W	W
February	W	R31.67	31.36	33.68	W
March	-	R36.81	35.39	36.48	30.21
1st quarter average	W	R33.05	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	R41.25	41.62	45.62	38.97
2017					
January	W	R51.78	R49.33	51.41	47.49
February	W	R53.06	R51.03	R53.95	R47.15
March	-	50.16	49.95	51.22	44.32
1st quarter average	W	51.80	49.98	52.18	46.50

- = 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 streams 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 2016 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

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users			Sales to end users			Sales to end users			Sales to end users		
	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]	
United States												
March 2017	1.826	1.792	1.590	2.146	1.922	1.780	2.365	2.085	1.953	1.905	1.823	1.634
February 2017	1.785	1.744	1.583	2.103	1.932	1.769	2.322	1.934	1.940	1.863	1.770	1.625
March 2016	1.487	1.341	1.291	1.745	1.564	1.486	1.938	NA	1.656	1.554	1.367	1.335
PAD District 1												
March 2017	1.683	1.569	1.512	1.948	W	1.694	2.166	W	1.863	1.751	1.610	1.554
February 2017	1.695	1.603	1.536	1.968	W	1.705	2.193	W	1.879	1.764	1.633	1.575
March 2016	1.324	1.295	1.234	1.528	W	1.413	1.728	W	1.584	1.384	1.338	1.277
Subdistrict 1A												
March 2017	W	W	1.512	W	-	1.625	W	-	1.808	W	W	1.547
February 2017	W	W	1.545	W	-	1.662	W	-	1.842	W	W	1.579
March 2016	W	W	1.237	W	-	1.346	W	-	1.559	W	W	1.272
Connecticut												
March 2017	-	W	1.515	-	-	1.641	-	-	1.843	-	W	1.559
February 2017	-	W	1.547	-	-	1.681	-	-	1.876	-	W	1.591
March 2016	-	W	1.232	-	-	1.357	-	-	1.591	-	W	1.280
Maine												
March 2017	-	-	1.543	-	-	W	-	-	1.840	-	-	1.559
February 2017	-	-	1.578	-	-	W	-	-	W	-	-	1.596
March 2016	-	-	1.289	-	-	W	-	-	W	-	-	1.304
Massachusetts												
March 2017	W	-	1.519	W	-	1.621	W	-	1.768	W	-	1.554
February 2017	W	-	1.552	W	-	1.658	W	-	1.801	W	-	1.587
March 2016	W	-	1.234	W	-	1.341	W	-	1.495	W	-	1.269
New Hampshire												
March 2017	W	-	W	W	-	-	W	-	W	W	-	W
February 2017	W	-	W	W	-	-	W	-	W	W	-	W
March 2016	W	-	W	W	-	-	W	-	W	W	-	W
Rhode Island												
March 2017	W	-	1.489	W	-	W	W	-	W	W	-	1.518
February 2017	W	-	W	W	-	W	W	-	W	W	-	W
March 2016	W	-	W	W	-	W	W	-	W	W	-	W
Vermont												
March 2017	-	-	1.494	-	-	W	-	-	1.747	-	-	W
February 2017	-	-	1.531	-	-	W	-	-	1.766	-	-	1.548
March 2016	-	-	1.267	-	-	W	-	-	W	-	-	1.282
Subdistrict 1B												
March 2017	1.699	W	1.488	1.954	W	1.632	2.154	W	1.759	1.779	W	1.521
February 2017	1.741	W	1.511	1.997	W	1.648	2.204	W	1.783	1.822	W	1.543
March 2016	1.285	W	1.198	1.488	W	1.350	1.682	W	1.452	1.360	W	1.231
Delaware												
March 2017	W	-	1.490	W	-	1.602	W	-	1.673	W	-	1.509
February 2017	W	-	1.526	W	-	1.644	W	-	1.697	W	-	1.545
March 2016	W	-	1.212	W	-	1.321	W	-	1.390	W	-	1.231
District of Columbia												
March 2017	-	-	-	-	-	-	-	-	-	-	-	-
February 2017	-	-	-	-	-	-	-	-	-	-	-	-
March 2016	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
March 2017	-	W	1.529	-	W	1.655	-	W	1.799	-	W	1.567
February 2017	-	W	1.538	-	W	1.643	-	W	1.791	-	W	1.574
March 2016	-	W	1.262	-	W	1.388	-	W	1.566	-	W	1.306
New Jersey												
March 2017	W	-	1.467	W	-	1.597	W	-	1.703	W	-	1.495
February 2017	W	-	1.498	W	-	1.644	W	-	1.736	W	-	1.526
March 2016	W	-	1.176	W	-	1.327	W	-	1.399	W	-	1.206
New York												
March 2017	1.749	-	1.513	2.000	-	1.743	2.203	-	1.818	1.832	-	1.560
February 2017	1.789	-	1.548	2.041	-	1.785	2.250	-	1.857	1.872	-	1.596
March 2016	1.272	-	1.212	1.474	-	1.398	1.666	-	1.477	1.350	-	1.251
Pennsylvania												
March 2017	W	-	1.464	W	-	1.588	W	-	1.721	W	-	1.485
February 2017	W	-	1.479	W	-	1.598	W	-	1.733	W	-	1.497
March 2016	W	-	1.174	W	-	1.289	W	-	1.409	W	-	1.196

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

Geographic area month	Regular			Midgrade			Premium			All grades		
	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
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
Subdistrict 1C												
March 2017	W	1.573	1.526	W	NA	1.717	W	-	1.931	W	1.614	1.573
February 2017	W	1.612	1.548	W	NA	1.726	W	W	1.942	W	1.640	1.593
March 2016	W	1.290	1.253	W	W	1.437	W	W	1.665	W	1.336	1.302
Florida												
March 2017	W	W	1.570	W	-	1.800	W	-	1.978	W	W	1.623
February 2017	W	W	1.605	W	-	1.826	W	W	2.003	W	W	1.656
March 2016	W	1.318	1.286	W	W	1.510	W	-	1.701	W	NA	1.340
Georgia												
March 2017	W	W	1.493	W	-	1.655	W	-	1.921	W	W	1.541
February 2017	W	W	1.521	W	-	1.674	W	-	1.938	W	W	1.566
March 2016	W	W	1.231	W	-	1.383	W	-	1.646	W	W	1.279
North Carolina												
March 2017	W	W	1.494	W	-	1.699	W	-	1.904	W	W	1.537
February 2017	W	-	1.517	W	-	1.711	W	-	1.912	W	-	1.557
March 2016	W	W	1.219	W	-	1.415	W	W	1.621	W	W	1.263
South Carolina												
March 2017	W	W	1.499	W	NA	1.705	W	-	1.901	W	W	1.538
February 2017	W	-	1.516	W	NA	1.712	W	-	1.903	W	NA	1.551
March 2016	W	-	1.238	W	NA	1.445	W	-	1.662	W	NA	1.281
Virginia												
March 2017	W	-	1.530	W	-	1.685	W	-	1.877	W	-	1.575
February 2017	W	-	1.534	W	-	1.673	W	-	1.856	W	-	1.575
March 2016	W	-	1.265	W	-	1.416	W	-	1.653	W	-	1.318
West Virginia												
March 2017	W	-	1.509	W	-	1.686	W	-	1.943	W	-	1.534
February 2017	W	-	1.460	W	-	1.647	W	-	1.907	W	-	1.481
March 2016	W	W	1.219	W	-	1.380	W	-	1.659	W	W	1.246
PAD District 2												
March 2017	W	1.769	1.522	1.990	W	1.657	W	W	1.878	W	1.801	1.550
February 2017	W	1.735	1.510	1.934	W	1.653	W	W	1.866	W	1.763	1.538
March 2016	1.443	NA	1.254	1.648	W	1.390	1.872	W	1.629	1.475	NA	1.283
Illinois												
March 2017	W	1.808	1.556	W	-	1.701	W	-	1.938	W	1.808	1.593
February 2017	W	W	1.530	W	-	1.693	W	-	1.967	W	W	1.572
March 2016	W	1.325	1.272	W	W	1.437	W	-	1.684	W	1.332	1.311
Indiana												
March 2017	W	W	1.509	W	-	1.726	W	-	1.902	W	W	1.536
February 2017	W	W	1.478	W	-	1.701	W	-	1.900	W	W	1.505
March 2016	W	W	1.240	W	-	1.459	W	-	1.652	W	W	1.269
Iowa												
March 2017	-	W	1.546	-	-	1.667	-	-	1.825	-	W	1.578
February 2017	-	W	1.574	-	-	1.664	-	-	1.783	-	W	1.598
March 2016	-	W	1.275	-	-	1.379	-	-	1.526	-	W	1.306
Kansas												
March 2017	W	W	1.515	W	W	1.639	-	-	1.769	W	W	1.536
February 2017	W	W	1.543	W	W	1.636	-	-	1.714	W	W	1.557
March 2016	W	W	1.248	W	W	1.394	-	-	1.487	W	W	1.267
Kentucky												
March 2017	W	W	1.561	W	-	1.727	W	W	1.983	W	W	1.588
February 2017	W	W	1.553	W	-	1.720	W	W	1.996	W	W	1.580
March 2016	W	W	1.299	W	-	1.456	W	W	1.767	W	W	1.328
Michigan												
March 2017	W	W	1.515	W	-	1.738	W	W	1.976	W	W	1.541
February 2017	W	W	1.461	W	-	1.691	W	W	1.951	W	W	1.488
March 2016	W	W	1.250	W	-	1.470	W	W	1.797	W	W	1.280
Minnesota												
March 2017	W	W	1.503	W	W	1.560	W	-	1.680	W	W	1.516
February 2017	W	W	1.520	W	W	1.570	W	-	1.680	W	W	1.532
March 2016	W	W	1.241	W	W	1.304	W	W	1.421	W	W	1.254
Missouri												
March 2017	-	-	1.545	-	-	1.705	-	W	1.867	-	W	1.568
February 2017	-	W	1.566	-	-	1.690	-	W	1.843	-	W	1.585
March 2016	-	W	1.286	-	-	1.446	-	W	1.623	-	W	1.310

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

Geographic area month	Regular			Midgrade			Premium			All grades		
	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
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
PAD District 2 (cont.)												
Nebraska												
March 2017	W	W	1.547	W	-	1.693	W	-	1.813	W	W	1.578
February 2017	W	W	1.569	W	-	1.699	W	-	1.770	W	W	1.591
March 2016	W	W	1.278	W	-	1.435	W	-	1.529	W	W	1.307
North Dakota												
March 2017	W	W	1.526	W	W	1.651	W	-	1.863	W	W	1.558
February 2017	W	W	1.553	W	W	1.667	W	-	1.870	W	W	1.583
March 2016	W	W	1.243	W	W	1.305	W	W	1.501	W	W	1.268
Ohio												
March 2017	W	W	1.492	W	-	1.712	W	W	1.939	W	W	1.521
February 2017	W	W	1.441	W	-	1.650	W	W	1.888	W	W	1.471
March 2016	W	W	1.226	W	-	1.435	W	W	1.703	W	W	1.260
Oklahoma												
March 2017	W	W	1.544	W	-	1.675	W	-	1.785	W	W	1.574
February 2017	W	W	1.558	W	-	1.675	W	-	1.756	W	W	1.578
March 2016	W	W	1.266	W	-	1.398	W	-	1.506	W	W	1.285
South Dakota												
March 2017	W	W	1.553	W	W	1.656	W	-	1.861	W	W	1.583
February 2017	W	W	1.557	W	W	1.641	W	-	1.825	W	W	1.581
March 2016	W	W	1.229	W	W	1.349	W	W	1.532	W	W	1.257
Tennessee												
March 2017	W	W	1.489	W	-	1.659	W	W	1.860	W	W	1.521
February 2017	W	W	1.510	W	-	1.701	W	W	1.864	W	W	1.541
March 2016	W	W	1.232	W	-	1.375	W	W	1.596	W	W	1.265
Wisconsin												
March 2017	W	W	1.527	W	-	1.632	W	W	1.948	W	W	1.555
February 2017	W	W	1.519	W	-	1.632	W	W	1.908	W	W	1.549
March 2016	W	W	1.269	W	-	1.401	W	W	1.731	W	W	1.300
PAD District 3												
March 2017	1.748	1.666	1.538	1.969	W	1.683	2.142	W	1.837	1.798	1.748	1.569
February 2017	1.725	1.665	1.552	1.931	W	1.673	2.124	1.920	1.837	1.774	1.712	1.577
March 2016	1.393	1.265	1.218	1.599	W	1.385	1.765	1.628	1.529	1.438	1.324	1.249
Alabama												
March 2017	-	W	1.492	-	-	1.760	-	W	1.952	-	W	1.532
February 2017	-	W	1.517	-	-	1.779	-	W	1.971	-	W	1.555
March 2016	W	NA	1.232	W	W	1.489	W	W	1.691	W	1.324	1.275
Arkansas												
March 2017	-	-	1.527	-	-	1.705	-	-	1.835	-	-	1.552
February 2017	-	-	1.556	-	-	1.725	-	-	1.838	-	-	1.577
March 2016	W	-	1.259	W	-	1.391	W	-	1.580	W	-	1.283
Louisiana												
March 2017	-	W	1.510	-	-	1.632	-	-	1.864	-	W	1.537
February 2017	-	W	1.551	-	-	1.649	-	-	1.891	-	W	1.576
March 2016	-	W	1.210	-	-	1.318	-	W	1.495	-	W	1.249
Mississippi												
March 2017	-	-	1.519	-	-	1.683	-	-	1.758	-	-	1.551
February 2017	-	-	1.556	-	-	1.701	-	-	NA	-	-	1.581
March 2016	W	W	1.189	W	W	1.394	W	-	1.462	W	W	1.214
New Mexico												
March 2017	1.816	W	1.669	1.994	W	1.804	W	W	1.978	1.867	W	1.707
February 2017	1.755	W	1.562	1.924	W	1.708	W	W	1.864	1.805	W	1.599
March 2016	1.498	W	1.245	1.644	W	1.406	1.794	W	1.557	1.543	W	1.284
Texas												
March 2017	W	W	1.548	W	-	1.664	W	W	1.829	W	W	1.578
February 2017	W	W	1.555	W	-	1.641	W	-	1.809	W	W	1.579
March 2016	W	1.346	1.217	W	W	1.373	W	W	1.525	W	1.346	1.246

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

Geographic area month	Regular			Midgrade			Premium			All grades		
	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
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
PAD District 4												
March 2017	W	1.730	1.606	2.061	W	1.772	2.309	W	1.942	W	1.783	1.666
February 2017	W	1.712	1.582	2.015	W	1.754	2.261	W	1.909	W	1.752	1.640
March 2016	1.440	W	1.256	1.632	W	1.414	1.801	W	1.550	1.520	1.453	1.309
Colorado												
March 2017	1.782	W	1.564	2.054	W	1.719	2.341	W	1.961	1.918	1.828	1.633
February 2017	1.771	W	1.558	2.046	W	1.702	2.345	W	1.938	1.909	1.858	1.622
March 2016	1.487	W	1.317	1.731	W	1.452	1.951	W	1.684	1.604	1.550	1.380
Idaho												
March 2017	W	W	1.680	W	-	1.817	W	W	1.918	W	W	1.713
February 2017	W	W	1.634	W	-	1.792	W	W	1.870	W	W	1.668
March 2016	W	W	1.258	W	-	1.401	W	W	1.466	W	W	1.289
Montana												
March 2017	W	W	1.639	W	W	1.783	W	W	2.098	W	W	1.719
February 2017	W	W	1.620	W	W	1.765	W	W	2.073	W	W	1.700
March 2016	W	W	1.219	W	-	1.345	W	W	1.589	W	W	1.287
Utah												
March 2017	W	W	1.650	W	W	1.880	W	W	1.882	W	W	1.701
February 2017	W	W	1.605	W	NA	1.856	W	W	1.835	W	W	1.657
March 2016	W	W	1.193	W	W	1.360	W	-	1.401	W	W	1.239
Wyoming												
March 2017	W	W	1.536	W	-	NA	W	-	1.894	W	W	1.589
February 2017	W	W	1.499	W	-	1.719	W	-	1.883	W	W	1.553
March 2016	W	-	1.197	W	-	1.390	W	-	1.557	W	-	1.249
PAD District 5												
March 2017	2.283	1.959	1.872	2.438	NA	2.038	2.577	NA	2.143	2.356	1.978	1.924
February 2017	2.193	1.846	1.817	2.342	NA	2.001	2.485	NA	2.099	2.264	1.866	1.871
March 2016	1.885	NA	1.546	2.044	NA	1.742	2.167	NA	1.844	1.957	NA	1.602
Alaska												
March 2017	W	W	W	W	W	W	W	W	2.322	W	W	W
February 2017	W	W	W	W	W	W	W	W	2.211	W	W	W
March 2016	W	W	W	W	W	W	W	W	1.796	W	W	W
Arizona												
March 2017	W	W	1.654	W	W	1.795	W	W	1.914	W	W	1.687
February 2017	W	W	1.616	W	W	1.742	W	W	1.852	W	W	1.646
March 2016	W	W	1.315	W	W	1.466	W	W	1.572	W	W	1.347
California												
March 2017	2.347	NA	1.946	2.476	W	2.080	W	-	2.197	2.417	NA	2.000
February 2017	2.240	NA	1.913	2.375	-	2.069	W	-	2.173	2.312	NA	1.969
March 2016	W	1.693	1.696	W	W	1.865	W	W	1.959	W	1.717	1.751
Hawaii												
March 2017	W	W	W	W	NA	W	W	W	W	W	W	W
February 2017	W	W	W	W	NA	W	W	W	W	W	W	W
March 2016	W	W	W	W	W	W	W	-	W	W	W	W
Nevada												
March 2017	W	W	1.764	W	-	1.865	W	W	1.974	W	1.926	1.810
February 2017	W	W	1.672	W	-	1.744	W	W	1.872	W	1.948	1.715
March 2016	W	1.709	1.429	W	-	1.559	W	W	1.645	W	1.698	1.475
Oregon												
March 2017	2.230	-	1.813	2.387	-	1.990	2.507	-	2.081	2.272	-	1.845
February 2017	2.078	-	1.671	2.251	-	1.851	2.370	-	1.935	2.122	-	1.704
March 2016	1.606	-	1.312	1.735	-	1.492	1.842	-	1.589	1.640	-	1.345
Washington												
March 2017	2.088	W	1.794	2.268	W	1.993	2.412	W	2.090	2.142	W	1.842
February 2017	2.024	W	1.679	2.195	W	1.873	2.330	W	1.969	2.075	W	1.726
March 2016	1.518	W	1.257	1.638	W	1.445	1.759	W	1.556	1.562	W	1.306

- = 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 2016 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						
March 2017	W	2.618	1.551	1.521	W	1.580
February 2017	W	2.592	1.615	1.592	W	1.657
March 2016	W	2.230	1.133	1.100	W	1.208
PAD District 1						
March 2017	W	2.621	1.544	1.521	W	1.750
February 2017	W	2.653	1.629	1.611	W	1.732
March 2016	W	2.192	1.147	1.122	W	1.438
Subdistrict 1A						
March 2017	-	W	1.618	1.549	W	-
February 2017	-	W	1.677	1.678	W	W
March 2016	-	W	W	W	W	-
Connecticut						
March 2017	-	-	W	W	-	-
February 2017	-	-	W	W	-	W
March 2016	-	-	W	W	-	-
Maine						
March 2017	-	W	W	W	-	-
February 2017	-	W	W	W	-	-
March 2016	-	W	W	W	-	-
Massachusetts						
March 2017	-	-	W	W	W	-
February 2017	-	-	W	W	W	-
March 2016	-	-	W	W	W	-
New Hampshire						
March 2017	-	-	W	W	W	-
February 2017	-	-	W	W	W	-
March 2016	-	-	W	-	W	-
Rhode Island						
March 2017	-	-	W	W	W	-
February 2017	-	-	W	W	W	-
March 2016	-	-	W	W	W	-
Vermont						
March 2017	-	-	W	W	-	-
February 2017	-	-	W	W	-	-
March 2016	-	-	W	-	-	-
Subdistrict 1B						
March 2017	W	2.705	1.526	1.503	W	1.711
February 2017	-	W	1.605	1.597	W	1.726
March 2016	-	W	1.134	1.108	W	1.419
Delaware						
March 2017	-	-	-	-	W	-
February 2017	-	-	-	W	W	-
March 2016	-	-	-	W	W	-
District of Columbia						
March 2017	-	-	-	-	-	-
February 2017	-	-	-	-	-	-
March 2016	-	-	-	-	-	-
Maryland						
March 2017	-	-	W	1.536	-	W
February 2017	-	-	W	1.611	-	W
March 2016	-	-	W	W	-	W
New Jersey						
March 2017	-	W	1.512	1.522	W	1.664
February 2017	-	-	1.597	1.596	W	1.690
March 2016	-	-	1.124	1.096	W	W
New York						
March 2017	-	W	W	1.572	W	W
February 2017	-	W	W	1.658	W	W
March 2016	-	W	W	1.176	W	W
Pennsylvania						
March 2017	W	W	W	W	W	W
February 2017	-	W	W	W	W	W
March 2016	-	W	W	1.137	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						
March 2017	W	2.605	1.552	1.553	W	W
February 2017	W	2.629	1.652	1.637	W	NA
March 2016	W	2.150	1.162	1.128	W	W
Florida						
March 2017	-	2.559	W	1.550	W	-
February 2017	-	2.586	1.666	1.641	W	-
March 2016	W	2.095	1.176	1.136	W	-
Georgia						
March 2017	W	W	W	1.551	-	W
February 2017	W	W	W	1.628	-	W
March 2016	-	W	1.069	1.109	W	-
North Carolina						
March 2017	W	W	W	1.579	W	W
February 2017	W	W	W	W	W	W
March 2016	W	W	W	1.073	W	W
South Carolina						
March 2017	-	-	W	1.554	W	W
February 2017	-	-	W	1.635	W	W
March 2016	-	-	W	1.128	W	W
Virginia						
March 2017	-	W	1.527	W	-	W
February 2017	-	W	1.603	1.612	-	W
March 2016	-	W	1.114	W	W	W
West Virginia						
March 2017	-	-	W	W	W	-
February 2017	-	-	W	W	W	-
March 2016	-	-	W	W	W	-
PAD District 2						
March 2017	W	2.630	1.548	1.512	W	1.855
February 2017	W	2.573	1.615	1.612	W	1.937
March 2016	W	2.267	1.108	1.104	W	1.527
Illinois						
March 2017	W	W	1.564	W	W	W
February 2017	W	W	1.629	W	W	W
March 2016	W	W	1.123	W	W	W
Indiana						
March 2017	-	-	1.561	1.513	W	W
February 2017	-	-	1.601	1.602	W	W
March 2016	-	-	1.078	1.120	W	W
Iowa						
March 2017	-	-	W	1.602	-	-
February 2017	-	-	1.681	1.688	-	-
March 2016	-	-	W	W	-	-
Kansas						
March 2017	W	W	W	W	-	W
February 2017	W	W	W	W	-	W
March 2016	W	W	W	W	-	W
Kentucky						
March 2017	-	W	W	W	W	W
February 2017	-	W	W	W	W	W
March 2016	-	W	W	1.093	W	W
Michigan						
March 2017	-	-	1.526	1.489	W	W
February 2017	-	-	1.607	1.577	W	W
March 2016	W	-	W	1.087	W	W
Minnesota						
March 2017	W	W	W	W	W	W
February 2017	-	W	W	W	W	W
March 2016	W	W	1.108	W	W	W
Missouri						
March 2017	W	W	W	W	-	-
February 2017	W	-	W	W	-	-
March 2016	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						
March 2017	W	-	W	W	-	-
February 2017	W	-	W	W	-	-
March 2016	W	-	W	W	-	-
North Dakota						
March 2017	-	-	W	W	-	-
February 2017	-	-	W	W	-	W
March 2016	-	-	W	W	-	-
Ohio						
March 2017	-	-	1.549	1.473	W	W
February 2017	-	-	1.625	1.581	W	W
March 2016	-	-	1.125	W	W	W
Oklahoma						
March 2017	W	-	W	1.515	-	W
February 2017	W	-	W	1.607	-	W
March 2016	W	-	W	1.112	-	W
South Dakota						
March 2017	-	-	W	-	-	-
February 2017	-	-	W	-	W	-
March 2016	-	-	1.310	W	-	-
Tennessee						
March 2017	W	W	W	1.550	W	W
February 2017	-	W	W	1.626	W	W
March 2016	-	W	W	1.112	W	W
Wisconsin						
March 2017	-	-	W	W	W	W
February 2017	-	-	W	W	W	W
March 2016	-	-	W	W	W	W
PAD District 3						
March 2017	W	2.400	1.518	1.492	-	1.425
February 2017	W	2.405	1.604	1.563	-	1.514
March 2016	W	2.032	1.098	1.048	-	1.103
Alabama						
March 2017	-	W	NA	1.556	-	W
February 2017	-	W	1.565	1.632	-	W
March 2016	-	W	1.100	1.119	-	W
Arkansas						
March 2017	W	W	W	W	-	-
February 2017	-	-	W	W	-	-
March 2016	W	-	W	W	-	-
Louisiana						
March 2017	W	2.476	1.507	1.481	-	W
February 2017	-	2.513	1.561	1.549	-	W
March 2016	W	2.085	1.063	1.035	-	W
Mississippi						
March 2017	-	W	1.465	1.500	-	-
February 2017	-	W	1.575	1.560	-	W
March 2016	-	W	1.060	1.052	-	-
New Mexico						
March 2017	W	-	W	W	-	-
February 2017	W	-	W	W	-	-
March 2016	W	-	W	1.155	-	-
Texas						
March 2017	W	W	1.529	1.492	-	NA
February 2017	W	W	1.621	1.576	-	W
March 2016	W	2.022	1.110	1.055	-	NA

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						
March 2017	W	W	1.597	1.582	-	-
February 2017	W	W	1.662	1.638	-	-
March 2016	W	W	1.167	1.171	-	-
Colorado						
March 2017	W	-	1.566	1.567	-	-
February 2017	W	-	1.629	1.628	-	-
March 2016	W	-	1.124	1.145	-	-
Idaho						
March 2017	-	-	W	1.700	-	-
February 2017	-	-	W	1.755	-	-
March 2016	-	-	1.315	1.328	-	-
Montana						
March 2017	W	W	W	W	-	-
February 2017	-	W	W	W	-	-
March 2016	-	W	W	W	-	-
Utah						
March 2017	W	W	1.603	1.599	-	-
February 2017	W	W	1.672	1.641	-	-
March 2016	-	W	1.178	1.184	-	-
Wyoming						
March 2017	-	-	W	W	-	-
February 2017	-	-	W	W	-	-
March 2016	-	-	W	W	-	-
PAD District 5						
March 2017	W	2.906	1.572	1.557	W	W
February 2017	W	2.856	1.612	1.604	W	W
March 2016	W	2.522	1.162	1.163	-	W
Alaska						
March 2017	W	W	W	W	-	-
February 2017	W	W	W	W	-	-
March 2016	W	W	W	1.247	-	-
Arizona						
March 2017	W	W	1.603	1.594	-	-
February 2017	W	W	1.658	1.639	-	-
March 2016	W	W	NA	1.170	-	-
California						
March 2017	-	2.944	1.544	1.550	-	W
February 2017	-	2.836	1.585	1.593	-	W
March 2016	-	2.484	1.140	1.152	-	W
Hawaii						
March 2017	-	W	W	W	-	-
February 2017	-	W	W	W	-	-
March 2016	-	W	W	W	-	-
Nevada						
March 2017	-	-	W	W	-	-
February 2017	-	-	W	W	-	-
March 2016	-	-	W	W	-	-
Oregon						
March 2017	-	2.982	1.619	1.598	-	-
February 2017	-	2.908	1.643	1.628	-	-
March 2016	-	2.650	1.181	1.170	-	-
Washington						
March 2017	-	W	1.574	1.548	W	-
February 2017	-	W	1.609	1.614	W	-
March 2016	-	W	1.130	1.145	-	-

- = 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 2016 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						
March 2017	2.142	1.854	1.701	1.575	W	W
February 2017	2.190	1.882	1.757	1.634	W	W
March 2016	1.610	1.413	1.318	1.182	-	0.861
PAD District 1						
March 2017	-	W	1.779	1.559	-	-
February 2017	W	W	1.822	1.645	-	-
March 2016	-	W	1.386	1.193	-	-
Subdistrict 1A						
March 2017	-	W	1.918	1.557	-	-
February 2017	W	W	1.952	1.654	-	-
March 2016	-	W	1.533	1.188	-	-
Connecticut						
March 2017	-	-	W	1.537	-	-
February 2017	-	-	W	1.621	-	-
March 2016	-	-	W	1.178	-	-
Maine						
March 2017	-	W	-	1.625	-	-
February 2017	W	W	W	1.820	-	-
March 2016	-	-	-	1.309	-	-
Massachusetts						
March 2017	-	-	W	1.615	-	-
February 2017	-	-	W	1.711	-	-
March 2016	-	-	W	1.265	-	-
New Hampshire						
March 2017	-	-	W	W	-	-
February 2017	-	W	W	W	-	-
March 2016	-	-	W	W	-	-
Rhode Island						
March 2017	-	-	W	W	-	-
February 2017	-	-	W	W	-	-
March 2016	-	-	W	W	-	-
Vermont						
March 2017	-	W	W	W	-	-
February 2017	-	W	W	W	-	-
March 2016	-	W	W	W	-	-
Subdistrict 1B						
March 2017	-	W	1.782	1.544	-	-
February 2017	-	W	1.819	1.614	-	-
March 2016	-	W	1.345	1.167	-	-
Delaware						
March 2017	-	-	W	1.569	-	-
February 2017	-	-	W	1.664	-	-
March 2016	-	-	1.350	1.197	-	-
District of Columbia						
March 2017	-	-	-	W	-	-
February 2017	-	-	-	W	-	-
March 2016	-	-	-	W	-	-
Maryland						
March 2017	-	-	W	1.536	-	-
February 2017	-	-	W	1.627	-	-
March 2016	-	-	W	1.171	-	-
New Jersey						
March 2017	-	-	1.775	1.536	-	-
February 2017	-	-	1.822	1.598	-	-
March 2016	-	-	1.377	1.143	-	-
New York						
March 2017	-	W	1.924	1.547	-	-
February 2017	-	W	1.946	1.634	-	-
March 2016	-	W	1.434	1.232	-	-
Pennsylvania						
March 2017	-	W	1.703	1.551	-	-
February 2017	-	W	1.741	1.620	-	-
March 2016	-	W	1.286	1.178	-	-

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						
March 2017	-	W	1.772	1.575	-	-
February 2017	-	W	1.819	1.680	-	-
March 2016	-	W	1.401	1.224	-	-
Florida						
March 2017	-	-	1.760	1.606	-	-
February 2017	-	-	1.806	1.716	-	-
March 2016	-	-	1.398	1.265	-	-
Georgia						
March 2017	-	W	1.573	1.558	-	-
February 2017	-	W	1.681	1.668	-	-
March 2016	-	W	1.393	1.203	-	-
North Carolina						
March 2017	-	-	1.771	1.551	-	-
February 2017	-	-	1.826	1.657	-	-
March 2016	-	-	1.377	1.205	-	-
South Carolina						
March 2017	-	-	W	1.558	-	-
February 2017	-	-	W	1.667	-	-
March 2016	-	-	W	1.209	-	-
Virginia						
March 2017	-	-	1.688	1.556	-	-
February 2017	-	-	1.765	1.662	-	-
March 2016	-	-	1.385	1.192	-	-
West Virginia						
March 2017	-	-	W	1.608	-	-
February 2017	-	-	W	1.651	-	-
March 2016	-	-	W	1.242	-	-
PAD District 2						
March 2017	2.098	1.804	1.668	1.571	-	W
February 2017	2.276	1.840	1.712	1.601	-	W
March 2016	NA	1.367	1.322	1.227	-	W
Illinois						
March 2017	W	W	W	1.538	-	-
February 2017	W	W	W	1.557	-	-
March 2016	NA	W	1.384	1.221	-	-
Indiana						
March 2017	-	W	W	1.549	-	-
February 2017	-	W	W	1.575	-	-
March 2016	-	W	W	1.239	-	-
Iowa						
March 2017	-	1.699	1.644	1.600	-	-
February 2017	-	1.750	1.703	1.643	-	-
March 2016	W	1.354	1.312	1.263	-	-
Kansas						
March 2017	-	1.696	W	1.566	-	-
February 2017	-	1.782	1.595	1.612	-	-
March 2016	-	1.387	W	1.222	-	-
Kentucky						
March 2017	W	W	W	1.610	-	W
February 2017	-	W	W	1.655	-	W
March 2016	-	W	W	1.255	-	W
Michigan						
March 2017	W	NA	W	1.563	-	-
February 2017	W	W	W	1.566	-	-
March 2016	W	W	W	1.246	-	-
Minnesota						
March 2017	2.043	1.709	1.670	1.595	-	-
February 2017	2.342	1.752	1.706	1.611	-	-
March 2016	1.558	1.296	1.317	1.253	-	-
Missouri						
March 2017	-	1.695	W	1.581	-	-
February 2017	-	1.810	W	1.629	-	-
March 2016	-	1.349	W	1.236	-	-

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						
March 2017	W	1.735	W	1.600	-	-
February 2017	-	1.769	W	1.647	-	-
March 2016	-	1.394	W	1.259	-	-
North Dakota						
March 2017	W	1.762	W	1.628	-	-
February 2017	W	1.844	W	1.594	-	-
March 2016	W	1.150	W	1.094	-	-
Ohio						
March 2017	-	W	1.707	1.565	-	-
February 2017	-	W	1.723	1.573	-	-
March 2016	-	W	1.348	1.236	-	-
Oklahoma						
March 2017	-	-	W	1.556	-	-
February 2017	-	W	1.646	1.601	-	-
March 2016	-	W	1.206	1.180	-	-
South Dakota						
March 2017	W	1.738	W	1.622	-	-
February 2017	W	1.792	W	1.655	-	-
March 2016	W	1.372	1.521	1.249	-	-
Tennessee						
March 2017	-	-	1.730	1.575	-	-
February 2017	-	-	1.794	1.669	-	-
March 2016	-	W	1.374	1.220	-	-
Wisconsin						
March 2017	W	1.802	1.612	1.579	-	-
February 2017	2.299	W	1.624	1.601	-	-
March 2016	W	1.417	1.446	1.267	-	-
PAD District 3						
March 2017	-	W	1.602	1.544	-	W
February 2017	-	W	1.694	1.610	-	W
March 2016	-	W	1.228	1.118	-	W
Alabama						
March 2017	-	-	1.604	1.546	-	-
February 2017	-	-	1.685	1.656	-	-
March 2016	-	-	1.285	1.158	-	-
Arkansas						
March 2017	-	-	W	1.572	-	-
February 2017	-	-	W	1.646	-	-
March 2016	-	-	W	1.219	-	-
Louisiana						
March 2017	-	W	1.648	1.514	-	-
February 2017	-	W	1.730	1.578	-	-
March 2016	-	W	1.327	1.079	-	-
Mississippi						
March 2017	-	-	W	1.532	-	-
February 2017	-	-	W	1.642	-	-
March 2016	-	-	W	1.137	-	-
New Mexico						
March 2017	-	-	1.738	1.669	-	-
February 2017	-	-	1.743	1.644	-	-
March 2016	-	-	1.271	1.214	-	-
Texas						
March 2017	-	-	1.582	1.551	-	W
February 2017	-	-	1.679	1.615	-	W
March 2016	-	-	1.190	1.121	-	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						
March 2017	W	2.012	1.706	1.710	W	-
February 2017	2.236	1.967	1.719	1.679	W	-
March 2016	1.611	1.503	1.267	1.220	-	-
Colorado						
March 2017	-	1.931	1.727	1.699	-	-
February 2017	-	1.871	1.679	1.637	-	-
March 2016	W	1.475	1.257	1.230	-	-
Idaho						
March 2017	W	2.126	1.781	1.694	-	-
February 2017	W	2.072	W	1.742	-	-
March 2016	W	1.744	1.368	1.246	-	-
Montana						
March 2017	W	1.908	1.717	1.728	-	-
February 2017	W	1.935	W	1.695	-	-
March 2016	W	1.497	1.258	1.171	-	-
Utah						
March 2017	W	2.236	1.764	1.713	W	-
February 2017	W	2.205	1.742	1.741	W	-
March 2016	W	1.554	1.270	1.233	-	-
Wyoming						
March 2017	-	2.102	NA	1.721	-	-
February 2017	W	1.958	1.664	1.618	-	-
March 2016	-	1.500	1.248	1.212	-	-
PAD District 5						
March 2017	W	1.865	1.817	1.648	-	-
February 2017	W	1.915	1.880	1.745	-	-
March 2016	W	1.401	1.376	1.234	-	-
Alaska						
March 2017	W	W	W	W	-	-
February 2017	W	W	W	W	-	-
March 2016	W	1.417	W	W	-	-
Arizona						
March 2017	-	-	1.845	1.692	-	-
February 2017	-	-	1.837	1.739	-	-
March 2016	-	-	1.271	1.226	-	-
California						
March 2017	-	-	1.750	1.659	-	-
February 2017	-	-	1.838	1.764	-	-
March 2016	-	-	1.386	1.273	-	-
Hawaii						
March 2017	-	-	W	W	-	-
February 2017	-	-	W	W	-	-
March 2016	-	-	W	W	-	-
Nevada						
March 2017	-	-	1.800	1.682	-	-
February 2017	-	-	1.794	1.737	-	-
March 2016	-	W	1.518	1.291	-	-
Oregon						
March 2017	-	W	1.859	1.605	-	-
February 2017	-	W	1.872	1.706	-	-
March 2016	-	W	1.415	1.136	-	-
Washington						
March 2017	W	W	1.734	1.598	-	-
February 2017	W	W	1.820	1.697	-	-
March 2016	W	W	1.309	1.128	-	-

- = 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 2016 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

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States										
March 2017	20,015.1	20,244.6	17,673.8	229,857.5	11,877.9	1,706.4	1,720.5	296.0	2,130.9	-
February 2017	19,443.8	19,656.6	16,999.9	221,485.2	16,195.7	1,640.6	1,653.2	284.5	2,045.3	-
March 2016	20,461.0	20,698.8	18,142.4	224,797.9	23,099.5	1,780.4	1,790.7	335.1	2,437.2	-
PAD District 1										
March 2017	6,665.3	6,679.5	W	W	1,552.5	571.4	577.5	W	W	-
February 2017	6,536.0	6,549.3	W	W	2,622.7	549.4	554.9	W	W	-
March 2016	6,693.1	6,708.8	W	67,048.0	W	593.4	596.5	W	W	-
Subdistrict 1A										
March 2017	W	W	W	W	W	W	W	-	32.1	-
February 2017	W	W	W	W	W	W	W	-	30.0	-
March 2016	W	W	W	W	W	W	W	W	W	-
Connecticut										
March 2017	-	W	W	W	W	-	-	-	16.0	-
February 2017	-	W	W	W	W	-	-	-	15.3	-
March 2016	-	W	W	2,064.9	W	-	-	W	W	-
Maine										
March 2017	-	-	-	W	-	-	-	-	W	-
February 2017	-	-	-	557.2	-	-	-	-	W	-
March 2016	-	-	-	507.0	-	-	-	-	W	-
Massachusetts										
March 2017	W	W	W	W	-	W	W	-	5.1	-
February 2017	W	W	W	W	-	W	W	-	4.3	-
March 2016	W	W	-	847.7	-	W	W	-	5.6	-
New Hampshire										
March 2017	W	W	W	W	-	W	W	-	-	-
February 2017	W	W	W	W	-	W	W	-	-	-
March 2016	W	W	-	W	-	W	W	-	-	-
Rhode Island										
March 2017	W	W	W	827.2	W	W	W	-	W	-
February 2017	W	W	W	696.2	W	W	W	-	W	-
March 2016	W	W	W	W	W	W	W	-	W	-
Vermont										
March 2017	-	-	W	W	-	-	-	-	W	-
February 2017	-	-	W	W	-	-	-	-	W	-
March 2016	-	-	-	77.6	-	-	-	-	W	-
Subdistrict 1B										
March 2017	3,101.2	3,101.9	W	20,977.9	W	329.5	329.6	W	W	-
February 2017	3,016.3	3,018.1	W	20,417.5	W	315.9	316.0	W	W	-
March 2016	2,934.6	2,936.5	W	W	1,447.9	332.7	332.9	W	W	-
Delaware										
March 2017	W	W	-	1,023.0	-	W	W	-	10.4	-
February 2017	W	W	-	954.7	-	W	W	-	8.3	-
March 2016	W	W	-	1,044.8	-	W	W	-	11.3	-
District of Columbia										
March 2017	-	-	-	-	-	-	-	-	-	-
February 2017	-	-	-	-	-	-	-	-	-	-
March 2016	-	-	-	-	-	-	-	-	-	-
Maryland										
March 2017	-	W	W	W	W	-	W	-	57.8	-
February 2017	-	W	W	W	W	-	W	-	59.3	-
March 2016	-	W	W	W	W	-	W	-	71.2	-
New Jersey										
March 2017	W	W	W	6,641.4	W	W	W	W	W	-
February 2017	W	W	W	6,386.8	W	W	W	W	W	-
March 2016	W	W	W	6,708.6	W	W	W	W	W	-
New York										
March 2017	1,868.9	1,868.9	W	4,980.6	W	207.5	207.5	W	W	-
February 2017	1,830.4	1,830.4	W	4,700.8	W	198.2	198.2	W	W	-
March 2016	1,778.2	1,778.2	W	4,902.5	W	209.9	209.9	W	W	-
Pennsylvania										
March 2017	W	W	-	W	W	W	W	-	28.6	-
February 2017	W	W	-	W	W	W	W	-	26.9	-
March 2016	W	W	-	W	W	W	W	-	34.3	-

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

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States										
March 2017	2,517.4	2,539.1	4,913.2	28,077.8	1,926.8	24,239.0	24,504.1	22,883.0	260,066.2	13,804.7
February 2017	2,428.5	2,449.2	4,709.8	26,697.4	1,300.2	23,512.8	23,759.0	21,994.1	250,227.9	17,495.9
March 2016	2,710.4	2,731.0	4,938.0	27,740.5	2,313.4	24,951.6	25,220.5	23,415.5	254,975.5	25,412.9
PAD District 1										
March 2017	821.7	821.8	W	8,770.1	W	8,058.5	8,078.7	W	76,620.7	W
February 2017	793.6	793.8	W	8,356.2	W	7,879.0	7,897.9	W	74,426.7	W
March 2016	909.6	909.7	W	W	W	8,196.2	8,215.0	W	76,828.0	W
Subdistrict 1A										
March 2017	W	W	W	W	-	W	W	W	4,990.9	W
February 2017	W	W	W	W	-	W	W	W	W	W
March 2016	W	W	W	W	-	W	W	W	4,766.3	W
Connecticut										
March 2017	-	-	W	W	-	-	W	W	2,403.6	W
February 2017	-	-	W	W	-	-	W	W	2,302.5	W
March 2016	-	-	W	W	-	-	W	W	2,425.1	W
Maine										
March 2017	-	-	W	W	-	-	-	W	W	-
February 2017	-	-	W	35.5	-	-	-	W	W	-
March 2016	-	-	-	W	-	-	-	-	535.7	-
Massachusetts										
March 2017	W	W	W	W	-	W	W	W	W	-
February 2017	W	W	W	W	-	W	W	W	W	-
March 2016	W	W	-	131.8	-	W	W	-	985.1	-
New Hampshire										
March 2017	W	W	W	W	-	W	W	W	W	-
February 2017	W	W	W	W	-	W	W	W	W	-
March 2016	W	W	-	W	-	W	W	-	W	-
Rhode Island										
March 2017	W	W	W	W	-	W	W	W	963.4	W
February 2017	W	W	W	W	-	W	W	W	817.9	W
March 2016	W	W	W	W	-	W	W	W	W	W
Vermont										
March 2017	-	-	W	W	-	-	-	W	W	-
February 2017	-	-	W	W	-	-	-	W	W	-
March 2016	-	-	-	W	-	-	-	-	82.1	-
Subdistrict 1B										
March 2017	508.3	508.4	W	W	W	3,939.1	3,939.9	W	23,891.6	W
February 2017	490.0	490.1	W	W	W	3,822.2	3,824.2	W	23,217.4	W
March 2016	551.7	551.7	W	2,843.2	W	3,819.1	3,821.2	W	23,849.0	W
Delaware										
March 2017	W	W	-	115.3	-	W	W	-	1,148.6	-
February 2017	W	W	-	110.8	-	W	W	-	1,073.8	-
March 2016	W	W	-	120.6	-	W	W	-	1,176.7	-
District of Columbia										
March 2017	-	-	-	-	-	-	-	-	-	-
February 2017	-	-	-	-	-	-	-	-	-	-
March 2016	-	-	-	-	-	-	-	-	-	-
Maryland										
March 2017	-	W	-	W	W	-	W	W	3,871.3	W
February 2017	-	W	-	W	W	-	W	W	3,809.8	W
March 2016	-	W	-	W	W	-	W	W	W	W
New Jersey										
March 2017	W	W	W	922.7	W	W	W	W	W	524.4
February 2017	W	W	W	874.9	W	W	W	W	W	381.9
March 2016	W	W	W	W	-	W	W	W	7,710.4	W
New York										
March 2017	324.6	324.6	W	W	W	2,401.0	2,401.0	W	5,747.7	W
February 2017	312.6	312.6	W	W	W	2,341.2	2,341.2	W	5,407.4	W
March 2016	352.5	352.5	W	W	W	2,340.5	2,340.5	W	5,640.4	W
Pennsylvania										
March 2017	W	W	-	461.0	-	W	W	-	W	W
February 2017	W	W	-	W	W	W	W	-	W	W
March 2016	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

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C										
March 2017	W	W	-	41,902.1	152.5	W	W	-	480.7	-
February 2017	W	W	-	W	W	W	W	-	451.1	-
March 2016	W	W	W	42,072.6	W	W	W	W	W	-
Florida										
March 2017	W	W	-	14,306.5	-	W	W	-	123.7	-
February 2017	W	W	-	13,735.6	-	W	W	-	114.1	-
March 2016	W	W	-	W	W	W	W	-	141.7	-
Georgia										
March 2017	W	W	-	8,039.7	-	W	W	-	61.8	-
February 2017	W	W	-	7,760.1	-	W	W	-	58.0	-
March 2016	W	110.5	W	W	-	W	W	W	W	-
North Carolina										
March 2017	W	W	-	W	W	W	W	-	136.1	-
February 2017	W	W	-	W	W	W	W	-	127.6	-
March 2016	W	W	-	8,597.5	-	W	W	-	159.8	-
South Carolina										
March 2017	W	W	-	4,243.6	-	W	W	-	43.6	-
February 2017	W	W	-	4,219.8	-	W	W	-	40.7	-
March 2016	W	W	-	4,229.9	-	W	W	-	56.2	-
Virginia										
March 2017	W	W	-	W	W	W	W	-	108.1	-
February 2017	W	W	-	W	W	W	W	-	103.6	-
March 2016	W	W	-	6,077.0	-	W	W	-	116.4	-
West Virginia										
March 2017	W	W	-	650.8	-	W	W	-	7.3	-
February 2017	W	W	-	770.6	-	W	W	-	7.1	-
March 2016	W	W	-	668.4	-	W	W	-	8.5	-
PAD District 2										
March 2017	W	W	W	W	849.8	321.2	325.8	W	W	-
February 2017	W	W	W	W	1,815.9	309.7	314.2	W	W	-
March 2016	8,222.9	8,337.4	W	W	2,280.5	366.9	369.8	W	W	-
Illinois										
March 2017	W	W	-	W	W	W	W	-	94.7	-
February 2017	W	W	-	W	W	W	W	-	89.9	-
March 2016	W	W	-	W	W	W	W	-	121.3	-
Indiana										
March 2017	W	W	-	W	W	W	W	-	36.1	-
February 2017	W	W	-	W	W	W	W	-	32.7	-
March 2016	W	W	-	W	W	W	W	-	40.1	-
Iowa										
March 2017	-	W	-	2,447.0	-	-	-	-	60.6	-
February 2017	-	W	-	2,395.3	-	-	-	-	56.0	-
March 2016	-	W	-	2,392.0	-	-	-	-	72.1	-
Kansas										
March 2017	W	W	-	4,129.7	-	W	W	-	28.5	-
February 2017	W	W	-	W	W	W	W	-	24.7	-
March 2016	W	W	-	W	W	W	W	-	30.5	-
Kentucky										
March 2017	W	W	-	W	W	W	W	-	14.9	-
February 2017	W	W	-	W	W	W	W	-	13.4	-
March 2016	W	W	-	W	W	W	W	-	15.6	-
Michigan										
March 2017	W	W	-	9,397.0	-	W	W	-	17.4	-
February 2017	W	W	-	9,079.9	-	W	W	-	13.3	-
March 2016	W	W	-	9,301.7	-	W	W	-	21.2	-
Minnesota										
March 2017	W	W	W	4,857.2	W	W	W	W	W	-
February 2017	W	W	W	4,801.9	W	W	W	W	W	-
March 2016	W	W	W	4,756.7	W	W	W	W	W	-
Missouri										
March 2017	-	-	-	2,974.1	-	-	-	-	15.8	-
February 2017	-	W	-	2,957.0	-	-	-	-	17.0	-
March 2016	-	W	-	3,001.1	-	-	-	-	18.8	-

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

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C										
March 2017	W	W	-	5,355.6	-	W	W	-	47,738.3	152.5
February 2017	W	W	-	5,076.2	-	W	W	-	W	W
March 2016	W	W	W	W	W	W	W	W	48,212.6	W
Florida										
March 2017	W	W	-	2,060.8	-	W	W	-	16,491.0	-
February 2017	W	W	-	1,945.6	-	W	W	-	15,795.4	-
March 2016	W	W	-	2,157.4	-	W	W	-	W	W
Georgia										
March 2017	W	W	-	989.4	-	W	W	-	9,091.0	-
February 2017	W	W	-	928.8	-	W	W	-	8,746.9	-
March 2016	W	W	W	W	W	W	124.7	W	9,111.1	W
North Carolina										
March 2017	W	W	-	957.3	-	W	W	-	W	W
February 2017	W	W	-	906.9	-	W	W	-	W	W
March 2016	W	W	-	W	W	W	W	-	W	W
South Carolina										
March 2017	W	W	-	434.5	-	W	W	-	4,721.6	-
February 2017	W	W	-	407.6	-	W	W	-	4,668.1	-
March 2016	W	W	-	453.6	-	W	W	-	4,739.7	-
Virginia										
March 2017	W	W	-	876.5	-	W	W	-	W	W
February 2017	W	W	-	852.4	-	W	W	-	W	W
March 2016	W	W	-	921.3	-	W	W	-	7,114.8	-
West Virginia										
March 2017	W	W	-	37.1	-	W	W	-	695.2	-
February 2017	W	W	-	34.9	-	W	W	-	812.6	-
March 2016	W	W	-	41.0	-	W	W	-	717.9	-
PAD District 2										
March 2017	W	440.0	W	6,076.2	W	W	W	W	81,894.2	W
February 2017	W	430.5	W	5,851.1	W	W	W	W	79,410.2	W
March 2016	511.1	521.4	W	5,905.8	W	9,100.9	9,228.5	W	79,929.7	W
Illinois										
March 2017	W	W	-	1,156.5	-	W	W	-	W	W
February 2017	W	W	-	1,128.0	-	W	W	-	W	W
March 2016	W	W	-	1,149.7	-	W	W	-	W	W
Indiana										
March 2017	W	W	-	387.9	-	W	W	-	W	W
February 2017	W	W	-	380.3	-	W	W	-	W	W
March 2016	W	W	-	397.0	-	W	W	-	W	W
Iowa										
March 2017	-	-	-	293.1	-	-	W	-	2,800.7	-
February 2017	-	-	-	283.3	-	-	W	-	2,734.6	-
March 2016	-	-	-	310.6	-	-	W	-	2,774.7	-
Kansas										
March 2017	-	-	-	325.3	28.5	W	W	-	4,483.5	28.5
February 2017	-	-	-	W	W	W	W	-	4,092.8	109.5
March 2016	-	-	-	W	W	W	W	-	4,290.0	113.8
Kentucky										
March 2017	W	W	-	226.4	-	W	W	-	W	W
February 2017	W	W	-	208.8	-	W	W	-	W	W
March 2016	W	W	-	231.2	-	W	W	-	W	W
Michigan										
March 2017	W	W	-	W	W	W	W	-	W	W
February 2017	W	W	-	W	W	W	W	-	W	W
March 2016	W	W	-	W	W	W	W	-	W	W
Minnesota										
March 2017	W	W	W	W	W	W	W	W	5,295.5	W
February 2017	W	W	W	W	W	W	W	W	5,245.9	W
March 2016	W	W	W	W	W	W	W	W	5,169.1	W
Missouri										
March 2017	-	W	-	219.5	-	-	W	-	3,209.5	-
February 2017	-	W	-	210.2	-	-	W	-	3,184.1	-
March 2016	-	W	-	218.7	-	-	W	-	3,238.6	-

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

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)										
Nebraska										
March 2017	W	W	-	1,482.0	-	W	W	-	25.3	-
February 2017	W	W	-	1,410.6	-	W	W	-	21.8	-
March 2016	W	W	-	1,389.5	-	W	W	-	29.4	-
North Dakota										
March 2017	W	W	W	W	-	W	W	-	25.9	-
February 2017	W	W	W	W	-	W	W	-	25.4	-
March 2016	W	W	W	W	-	W	W	-	26.4	-
Ohio										
March 2017	W	W	-	9,626.8	-	W	W	-	46.7	-
February 2017	W	W	-	9,408.7	-	W	W	-	44.8	-
March 2016	W	W	-	9,193.8	-	W	W	-	52.2	-
Oklahoma										
March 2017	W	W	-	W	W	W	W	-	4.5	-
February 2017	W	W	-	W	W	W	W	-	5.2	-
March 2016	W	W	-	W	W	W	W	-	6.6	-
South Dakota										
March 2017	W	W	-	902.4	-	W	W	-	26.5	-
February 2017	W	W	-	840.4	-	W	W	-	26.4	-
March 2016	W	W	-	852.7	-	W	W	-	29.7	-
Tennessee										
March 2017	W	W	-	9,175.0	-	W	W	-	83.7	-
February 2017	W	W	-	8,487.3	-	W	W	-	84.8	-
March 2016	W	759.4	W	W	-	W	W	W	W	-
Wisconsin										
March 2017	W	W	W	W	-	W	W	W	W	-
February 2017	W	W	W	W	-	W	W	W	W	-
March 2016	W	W	W	W	-	W	W	W	W	-
PAD District 3										
March 2017	952.2	975.2	W	48,612.8	W	95.0	95.8	W	W	-
February 2017	889.1	911.7	W	W	9,734.6	88.3	88.5	W	W	-
March 2016	1,228.6	1,258.2	100.9	47,715.1	14,851.8	111.2	113.0	W	W	-
Alabama										
March 2017	-	W	-	4,461.8	-	-	-	-	40.3	-
February 2017	-	W	-	4,232.7	-	-	-	-	37.1	-
March 2016	W	W	W	W	-	W	W	W	W	-
Arkansas										
March 2017	-	-	-	2,884.5	-	-	-	-	20.4	-
February 2017	-	-	-	2,710.9	-	-	-	-	19.6	-
March 2016	W	W	W	W	-	W	W	W	W	-
Louisiana										
March 2017	-	W	-	6,022.9	861.1	-	-	-	28.2	-
February 2017	-	W	-	5,762.0	799.6	-	-	-	27.8	-
March 2016	-	W	-	W	W	-	-	-	45.3	-
Mississippi										
March 2017	-	-	-	W	W	-	-	-	32.5	-
February 2017	-	-	-	W	W	-	-	-	27.7	-
March 2016	W	21.0	-	W	W	W	W	-	32.4	-
New Mexico										
March 2017	W	408.5	W	W	-	W	W	W	W	-
February 2017	W	372.9	W	W	-	W	W	W	W	-
March 2016	364.0	369.8	W	W	-	51.2	51.3	W	W	-
Texas										
March 2017	W	W	W	30,489.6	W	W	W	-	180.8	-
February 2017	W	W	W	29,288.4	W	W	W	-	175.5	-
March 2016	W	W	W	30,053.6	W	W	38.0	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

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)										
Nebraska										
March 2017	W	W	-	187.7	-	W	W	-	1,695.0	-
February 2017	W	W	-	165.0	-	W	W	-	1,597.4	-
March 2016	W	W	-	161.8	-	W	W	-	1,580.7	-
North Dakota										
March 2017	W	W	W	W	-	W	W	W	W	-
February 2017	W	W	W	W	-	W	W	W	W	-
March 2016	W	W	W	W	-	W	W	W	W	-
Ohio										
March 2017	W	W	-	W	W	W	W	-	W	W
February 2017	W	W	-	W	W	W	W	-	W	W
March 2016	W	W	-	W	W	W	W	-	W	W
Oklahoma										
March 2017	W	W	-	W	W	W	W	-	4,651.4	397.4
February 2017	W	W	-	W	W	W	W	-	4,372.5	1,204.5
March 2016	W	W	-	W	W	W	W	-	4,553.8	1,465.9
South Dakota										
March 2017	W	W	-	91.3	-	W	W	-	1,020.1	-
February 2017	W	W	-	77.0	-	W	W	-	943.8	-
March 2016	W	W	-	77.0	-	W	W	-	959.5	-
Tennessee										
March 2017	W	W	-	834.7	-	W	W	-	10,093.5	-
February 2017	W	W	-	780.5	-	W	W	-	9,352.6	-
March 2016	W	W	W	W	-	W	880.1	W	W	-
Wisconsin										
March 2017	W	W	W	W	-	W	W	W	W	-
February 2017	W	W	W	W	-	W	W	W	W	-
March 2016	W	W	W	W	-	W	W	W	W	-
PAD District 3										
March 2017	93.1	97.9	W	W	1,115.2	1,140.3	1,168.9	W	54,157.5	W
February 2017	85.7	90.4	W	4,963.5	W	1,063.1	1,090.6	W	51,697.5	W
March 2016	114.3	118.6	W	W	1,521.4	1,454.1	1,489.8	118.9	53,359.1	16,373.2
Alabama										
March 2017	-	W	-	401.8	-	-	W	-	4,903.9	-
February 2017	-	W	-	364.0	-	-	W	-	4,633.8	-
March 2016	W	26.4	W	W	-	W	W	W	W	-
Arkansas										
March 2017	-	-	-	239.3	-	-	-	-	3,144.1	-
February 2017	-	-	-	209.3	-	-	-	-	2,939.8	-
March 2016	W	W	-	232.0	-	W	W	W	W	-
Louisiana										
March 2017	-	-	-	560.9	-	-	W	-	6,612.0	861.1
February 2017	-	-	-	529.7	-	-	W	-	6,319.5	799.6
March 2016	-	W	-	W	W	-	W	-	6,540.0	1,915.5
Mississippi										
March 2017	-	-	-	W	W	-	-	-	W	W
February 2017	-	-	-	W	W	-	-	-	W	W
March 2016	W	W	-	W	W	W	23.1	-	W	W
New Mexico										
March 2017	W	W	W	W	-	W	510.2	W	W	-
February 2017	W	W	W	W	-	W	466.0	W	W	-
March 2016	44.3	44.7	W	W	-	459.5	465.8	W	W	-
Texas										
March 2017	W	W	W	3,572.0	W	W	W	W	34,242.5	W
February 2017	W	W	W	3,435.4	W	W	W	W	32,899.3	W
March 2016	W	W	W	W	773.7	W	W	W	33,894.1	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

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4										
March 2017	W	W	W	10,290.2	W	76.8	78.6	-	137.9	-
February 2017	W	W	W	9,847.9	W	74.4	76.1	-	133.1	-
March 2016	354.0	364.9	W	W	W	74.3	76.1	-	162.2	-
Colorado										
March 2017	153.2	156.5	W	W	-	43.5	44.7	-	73.0	-
February 2017	149.1	151.6	W	W	-	42.5	43.5	-	72.7	-
March 2016	145.1	147.9	W	W	-	41.3	42.3	-	89.4	-
Idaho										
March 2017	W	W	-	1,408.4	-	W	W	-	6.0	-
February 2017	W	W	-	1,319.0	-	W	W	-	6.6	-
March 2016	W	W	-	1,327.3	-	W	W	-	7.9	-
Montana										
March 2017	W	W	-	1,092.9	-	W	W	-	6.3	-
February 2017	W	W	-	1,021.4	-	W	W	-	5.8	-
March 2016	W	W	-	1,100.7	-	W	W	-	10.0	-
Utah										
March 2017	W	W	W	W	W	W	W	-	40.5	-
February 2017	W	W	W	W	W	W	W	-	37.8	-
March 2016	W	W	W	2,620.8	W	W	W	-	43.8	-
Wyoming										
March 2017	W	11.6	-	868.6	-	W	W	-	12.1	-
February 2017	W	11.1	-	748.3	-	W	W	-	10.3	-
March 2016	W	W	-	828.2	-	W	W	-	11.2	-
PAD District 5										
March 2017	4,073.4	4,132.4	16,373.6	28,592.4	2,254.4	642.0	642.8	W	W	-
February 2017	3,933.3	3,984.8	15,743.1	W	W	618.9	619.5	W	W	-
March 2016	3,962.3	4,029.5	16,819.4	26,710.1	3,155.2	634.6	635.4	W	W	-
Alaska										
March 2017	W	W	84.2	W	W	W	W	W	W	-
February 2017	W	W	78.6	386.3	W	W	W	W	W	-
March 2016	W	W	74.8	W	W	W	W	W	3.0	-
Arizona										
March 2017	W	W	W	4,426.6	W	W	W	W	W	-
February 2017	W	W	W	4,247.1	W	W	W	2.3	28.8	-
March 2016	W	W	W	4,524.0	W	W	W	W	W	-
California										
March 2017	2,917.0	2,918.0	12,014.5	14,965.8	1,585.3	W	W	185.2	229.8	-
February 2017	2,823.1	2,824.5	11,541.5	13,921.5	1,353.5	W	W	180.1	219.5	-
March 2016	W	W	12,352.9	13,306.3	2,500.1	W	W	217.8	232.9	-
Hawaii										
March 2017	W	W	W	W	W	W	W	W	W	-
February 2017	W	W	W	W	W	W	W	W	W	-
March 2016	W	W	W	W	W	W	W	W	W	-
Nevada										
March 2017	W	W	W	1,366.8	W	W	W	W	W	-
February 2017	W	W	679.0	W	W	W	W	W	W	-
March 2016	W	W	W	1,090.5	W	W	W	W	W	-
Oregon										
March 2017	92.3	92.3	W	2,443.2	W	6.2	6.2	W	W	-
February 2017	91.1	91.1	W	2,323.9	W	6.0	6.0	4.3	13.6	-
March 2016	89.3	89.3	W	2,511.7	W	5.9	5.9	5.7	15.5	-
Washington										
March 2017	293.0	299.8	1,135.6	4,799.9	-	29.8	30.0	20.3	49.4	-
February 2017	285.2	289.2	1,094.7	4,530.4	-	28.6	28.7	18.1	46.5	-
March 2016	247.8	255.0	1,218.4	4,679.3	NA	27.7	27.9	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

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4										
March 2017	W	74.5	W	2,167.2	W	W	W	W	12,595.2	W
February 2017	W	70.8	W	2,071.8	W	W	W	W	12,052.7	W
March 2016	71.2	72.6	W	W	W	499.5	513.6	W	12,333.8	W
Colorado										
March 2017	35.3	35.4	W	W	-	232.0	236.5	W	W	-
February 2017	33.8	33.8	W	W	-	225.4	228.9	W	W	-
March 2016	33.7	33.7	W	W	-	220.1	223.9	W	W	-
Idaho										
March 2017	W	W	-	225.3	-	W	W	-	1,639.7	-
February 2017	W	W	-	216.9	-	W	W	-	1,542.5	-
March 2016	W	W	-	227.4	-	W	W	-	1,562.5	-
Montana										
March 2017	W	W	-	229.2	-	W	W	-	1,328.4	-
February 2017	W	W	-	218.8	-	W	W	-	1,246.0	-
March 2016	W	W	-	245.0	-	W	W	-	1,355.8	-
Utah										
March 2017	W	W	W	W	W	W	W	W	W	W
February 2017	W	W	W	W	W	W	W	W	W	W
March 2016	W	W	W	W	W	W	W	W	W	W
Wyoming										
March 2017	W	W	-	145.7	-	W	14.9	-	1,026.4	-
February 2017	W	W	-	115.7	-	W	14.4	-	874.2	-
March 2016	W	W	-	135.6	-	W	W	-	974.9	-
PAD District 5										
March 2017	1,099.1	1,104.9	4,579.7	W	W	5,814.4	5,880.1	W	34,798.6	W
February 2017	1,059.0	1,063.8	4,375.5	5,454.8	363.3	5,611.1	5,668.0	W	32,640.8	W
March 2016	1,104.3	1,108.7	4,588.3	W	W	5,701.2	5,773.6	W	32,525.0	W
Alaska										
March 2017	W	W	W	33.2	-	W	W	103.4	W	W
February 2017	W	W	W	W	-	W	W	96.2	W	W
March 2016	W	W	W	46.2	-	W	W	92.8	W	W
Arizona										
March 2017	W	W	213.0	W	W	W	W	W	5,037.0	W
February 2017	W	W	W	553.5	W	W	W	W	4,829.3	W
March 2016	W	W	196.8	W	W	W	W	W	5,173.9	W
California										
March 2017	W	W	3,680.4	3,671.2	252.4	4,379.2	4,380.2	15,880.0	18,866.8	1,837.6
February 2017	W	W	3,523.1	3,431.5	227.1	4,232.6	4,234.1	15,244.7	17,572.5	1,580.6
March 2016	W	W	3,673.8	3,302.7	195.7	W	W	16,244.4	16,841.9	2,695.8
Hawaii										
March 2017	W	W	W	W	W	W	W	W	W	W
February 2017	W	W	W	W	W	W	W	W	W	W
March 2016	W	W	W	W	W	W	W	W	W	W
Nevada										
March 2017	W	W	W	W	W	W	W	W	1,725.9	W
February 2017	W	W	W	313.7	W	W	W	W	1,584.6	W
March 2016	W	W	220.8	W	W	W	W	W	1,371.9	W
Oregon										
March 2017	13.3	13.3	127.0	W	W	111.8	111.8	W	2,759.4	W
February 2017	13.0	13.0	W	284.5	W	110.1	110.1	927.8	2,621.9	259.3
March 2016	12.7	12.7	W	316.7	W	107.9	107.9	W	2,843.9	W
Washington										
March 2017	44.9	45.1	242.1	867.1	-	367.7	374.9	1,398.0	5,716.4	-
February 2017	43.2	43.3	229.8	808.6	-	357.0	361.2	1,342.6	5,385.6	-
March 2016	44.7	45.0	265.7	W	W	320.3	327.9	W	5,582.5	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 2016 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

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States					
March 2017	15,097.1	15,335.2	4,844.4	182,948.0	10,985.4
February 2017	14,632.4	14,849.8	4,659.9	176,107.9	14,432.2
March 2016	15,975.8	16,220.8	5,025.3	180,638.7	21,990.0
PAD District 1					
March 2017	W	W	W	50,038.5	W
February 2017	W	W	W	48,752.1	W
March 2016	W	W	W	50,338.6	W
Subdistrict 1A					
March 2017	-	-	W	W	-
February 2017	-	-	W	W	-
March 2016	-	-	-	375.8	-
Connecticut					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
Maine					
March 2017	-	-	W	W	-
February 2017	-	-	W	W	-
March 2016	-	-	-	W	-
Massachusetts					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
New Hampshire					
March 2017	-	-	W	W	-
February 2017	-	-	W	W	-
March 2016	-	-	-	W	-
Rhode Island					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
Vermont					
March 2017	-	-	W	W	-
February 2017	-	-	W	W	-
March 2016	-	-	-	W	-
Subdistrict 1B					
March 2017	W	W	W	W	W
February 2017	W	W	W	6,118.4	W
March 2016	W	W	W	5,941.8	W
Delaware					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
District of Columbia					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
Maryland					
March 2017	-	-	-	W	W
February 2017	-	-	-	W	W
March 2016	-	-	-	W	W
New Jersey					
March 2017	-	-	-	-	W
February 2017	-	-	-	-	W
March 2016	-	-	-	-	W
New York					
March 2017	W	W	W	W	W
February 2017	W	W	W	W	W
March 2016	W	W	W	2,378.5	W
Pennsylvania					
March 2017	W	W	-	W	W
February 2017	W	W	-	W	W
March 2016	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

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States					
March 2017	9,141.9	9,169.0	18,038.6	77,118.2	2,819.3
February 2017	8,880.4	8,909.2	17,334.1	74,120.1	3,063.8
March 2016	8,975.9	8,999.7	18,390.1	74,336.8	3,422.9
PAD District 1					
March 2017	W	W	W	26,582.3	W
February 2017	W	W	W	25,674.5	W
March 2016	W	W	W	26,489.3	W
Subdistrict 1A					
March 2017	W	W	W	W	W
February 2017	W	W	W	4,344.4	W
March 2016	W	W	W	4,390.5	W
Connecticut					
March 2017	-	W	W	2,403.6	W
February 2017	-	W	W	2,302.5	W
March 2016	-	W	W	2,425.1	W
Maine					
March 2017	-	-	-	W	-
February 2017	-	-	-	W	-
March 2016	-	-	-	W	-
Massachusetts					
March 2017	W	W	W	W	-
February 2017	W	W	W	W	-
March 2016	W	W	-	W	-
New Hampshire					
March 2017	W	W	-	-	-
February 2017	W	W	-	-	-
March 2016	W	W	-	-	-
Rhode Island					
March 2017	W	W	W	963.4	W
February 2017	W	W	W	W	W
March 2016	W	W	W	W	W
Vermont					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
Subdistrict 1B					
March 2017	W	W	W	W	W
February 2017	W	W	W	17,099.0	W
March 2016	W	W	W	17,907.1	W
Delaware					
March 2017	W	W	-	1,148.6	-
February 2017	W	W	-	1,073.8	-
March 2016	W	W	-	1,176.7	-
District of Columbia					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
Maryland					
March 2017	-	W	W	W	-
February 2017	-	W	W	W	-
March 2016	-	W	W	W	-
New Jersey					
March 2017	W	W	W	W	W
February 2017	W	W	W	W	W
March 2016	W	W	W	7,710.4	-
New York					
March 2017	W	W	W	W	-
February 2017	W	W	W	W	-
March 2016	W	W	W	3,261.9	W
Pennsylvania					
March 2017	W	W	-	W	W
February 2017	W	W	-	W	W
March 2016	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

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States					
March 2017	24,239.0	24,504.1	22,883.0	260,066.2	13,804.7
February 2017	23,512.8	23,759.0	21,994.1	250,227.9	17,495.9
March 2016	24,951.6	25,220.5	23,415.5	254,975.5	25,412.9
PAD District 1					
March 2017	8,058.5	8,078.7	W	76,620.7	W
February 2017	7,879.0	7,897.9	W	74,426.7	W
March 2016	8,196.2	8,215.0	W	76,828.0	W
Subdistrict 1A					
March 2017	W	W	W	4,990.9	W
February 2017	W	W	W	W	W
March 2016	W	W	W	4,766.3	W
Connecticut					
March 2017	-	W	W	2,403.6	W
February 2017	-	W	W	2,302.5	W
March 2016	-	W	W	2,425.1	W
Maine					
March 2017	-	-	W	W	-
February 2017	-	-	W	W	-
March 2016	-	-	-	535.7	-
Massachusetts					
March 2017	W	W	W	W	-
February 2017	W	W	W	W	-
March 2016	W	W	-	985.1	-
New Hampshire					
March 2017	W	W	W	W	-
February 2017	W	W	W	W	-
March 2016	W	W	-	W	-
Rhode Island					
March 2017	W	W	W	963.4	W
February 2017	W	W	W	817.9	W
March 2016	W	W	W	W	W
Vermont					
March 2017	-	-	W	W	-
February 2017	-	-	W	W	-
March 2016	-	-	-	82.1	-
Subdistrict 1B					
March 2017	3,939.1	3,939.9	W	23,891.6	W
February 2017	3,822.2	3,824.2	W	23,217.4	W
March 2016	3,819.1	3,821.2	W	23,849.0	W
Delaware					
March 2017	W	W	-	1,148.6	-
February 2017	W	W	-	1,073.8	-
March 2016	W	W	-	1,176.7	-
District of Columbia					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
Maryland					
March 2017	-	W	W	3,871.3	W
February 2017	-	W	W	3,809.8	W
March 2016	-	W	W	W	W
New Jersey					
March 2017	W	W	W	W	524.4
February 2017	W	W	W	W	381.9
March 2016	W	W	W	7,710.4	W
New York					
March 2017	2,401.0	2,401.0	W	5,747.7	W
February 2017	2,341.2	2,341.2	W	5,407.4	W
March 2016	2,340.5	2,340.5	W	5,640.4	W
Pennsylvania					
March 2017	W	W	-	W	W
February 2017	W	W	-	W	W
March 2016	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

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C					
March 2017	W	W	-	43,540.1	152.5
February 2017	W	W	-	W	W
March 2016	W	W	W	44,021.1	W
Florida					
March 2017	W	W	-	16,491.0	-
February 2017	W	W	-	15,795.4	-
March 2016	W	W	-	W	W
Georgia					
March 2017	W	W	-	9,091.0	-
February 2017	W	W	-	8,746.9	-
March 2016	W	124.7	W	9,111.1	W
North Carolina					
March 2017	W	W	-	W	W
February 2017	W	W	-	W	W
March 2016	W	W	-	W	W
South Carolina					
March 2017	W	W	-	4,721.6	-
February 2017	W	W	-	4,668.1	-
March 2016	W	W	-	4,739.7	-
Virginia					
March 2017	W	W	-	W	W
February 2017	W	W	-	W	W
March 2016	W	W	-	2,923.2	-
West Virginia					
March 2017	W	W	-	695.2	-
February 2017	W	W	-	812.6	-
March 2016	W	W	-	717.9	-
PAD District 2					
March 2017	7,105.4	7,211.7	W	W	W
February 2017	6,891.9	6,991.8	W	W	W
March 2016	W	W	W	67,525.8	W
Illinois					
March 2017	W	W	-	W	W
February 2017	W	W	-	W	W
March 2016	W	26.9	-	W	W
Indiana					
March 2017	W	W	-	W	W
February 2017	W	W	-	W	W
March 2016	W	W	-	W	W
Iowa					
March 2017	-	W	-	2,800.7	-
February 2017	-	W	-	2,734.6	-
March 2016	-	W	-	2,774.7	-
Kansas					
March 2017	W	W	-	4,483.5	28.5
February 2017	W	W	-	4,092.8	109.5
March 2016	W	W	-	4,290.0	113.8
Kentucky					
March 2017	W	W	-	W	W
February 2017	W	W	-	W	W
March 2016	W	W	-	W	W
Michigan					
March 2017	W	W	-	W	W
February 2017	W	W	-	W	W
March 2016	W	W	-	W	W
Minnesota					
March 2017	W	W	W	5,295.5	W
February 2017	W	W	W	5,245.9	W
March 2016	W	W	W	5,169.1	W
Missouri					
March 2017	-	W	-	2,487.0	-
February 2017	-	W	-	W	-
March 2016	-	W	-	2,500.1	-

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

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C					
March 2017	-	-	-	4,198.3	-
February 2017	-	-	-	4,231.1	-
March 2016	-	-	-	4,191.6	-
Florida					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
Georgia					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
North Carolina					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
South Carolina					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
Virginia					
March 2017	-	-	-	4,198.3	-
February 2017	-	-	-	4,231.1	-
March 2016	-	-	-	4,191.6	-
West Virginia					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
PAD District 2					
March 2017	W	W	-	W	W
February 2017	W	W	-	W	W
March 2016	W	W	-	12,403.8	-
Illinois					
March 2017	W	W	-	W	W
February 2017	W	W	-	W	W
March 2016	W	W	-	8,093.4	-
Indiana					
March 2017	W	W	-	960.7	-
February 2017	W	W	-	944.8	-
March 2016	W	W	-	990.8	-
Iowa					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
Kansas					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
Kentucky					
March 2017	W	W	-	924.1	-
February 2017	W	W	-	W	-
March 2016	W	W	-	932.0	-
Michigan					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
Minnesota					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
Missouri					
March 2017	-	-	-	722.4	-
February 2017	-	-	-	W	-
March 2016	-	-	-	738.5	-

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

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C					
March 2017	W	W	-	47,738.3	152.5
February 2017	W	W	-	W	W
March 2016	W	W	W	48,212.6	W
Florida					
March 2017	W	W	-	16,491.0	-
February 2017	W	W	-	15,795.4	-
March 2016	W	W	-	W	W
Georgia					
March 2017	W	W	-	9,091.0	-
February 2017	W	W	-	8,746.9	-
March 2016	W	124.7	W	9,111.1	W
North Carolina					
March 2017	W	W	-	W	W
February 2017	W	W	-	W	W
March 2016	W	W	-	W	W
South Carolina					
March 2017	W	W	-	4,721.6	-
February 2017	W	W	-	4,668.1	-
March 2016	W	W	-	4,739.7	-
Virginia					
March 2017	W	W	-	W	W
February 2017	W	W	-	W	W
March 2016	W	W	-	7,114.8	-
West Virginia					
March 2017	W	W	-	695.2	-
February 2017	W	W	-	812.6	-
March 2016	W	W	-	717.9	-
PAD District 2					
March 2017	W	W	W	81,894.2	W
February 2017	W	W	W	79,410.2	W
March 2016	9,100.9	9,228.5	W	79,929.7	W
Illinois					
March 2017	W	W	-	W	W
February 2017	W	W	-	W	W
March 2016	W	W	-	W	W
Indiana					
March 2017	W	W	-	W	W
February 2017	W	W	-	W	W
March 2016	W	W	-	W	W
Iowa					
March 2017	-	W	-	2,800.7	-
February 2017	-	W	-	2,734.6	-
March 2016	-	W	-	2,774.7	-
Kansas					
March 2017	W	W	-	4,483.5	28.5
February 2017	W	W	-	4,092.8	109.5
March 2016	W	W	-	4,290.0	113.8
Kentucky					
March 2017	W	W	-	W	W
February 2017	W	W	-	W	W
March 2016	W	W	-	W	W
Michigan					
March 2017	W	W	-	W	W
February 2017	W	W	-	W	W
March 2016	W	W	-	W	W
Minnesota					
March 2017	W	W	W	5,295.5	W
February 2017	W	W	W	5,245.9	W
March 2016	W	W	W	5,169.1	W
Missouri					
March 2017	-	W	-	3,209.5	-
February 2017	-	W	-	3,184.1	-
March 2016	-	W	-	3,238.6	-

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

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)					
Nebraska					
March 2017	W	W	-	1,695.0	-
February 2017	W	W	-	1,597.4	-
March 2016	W	W	-	1,580.7	-
North Dakota					
March 2017	W	W	W	W	-
February 2017	W	W	W	W	-
March 2016	W	W	W	W	-
Ohio					
March 2017	W	W	-	W	W
February 2017	W	W	-	W	W
March 2016	W	W	-	W	W
Oklahoma					
March 2017	W	W	-	4,651.4	397.4
February 2017	W	W	-	4,372.5	1,204.5
March 2016	W	W	-	4,553.8	1,465.9
South Dakota					
March 2017	W	W	-	1,020.1	-
February 2017	W	W	-	943.8	-
March 2016	W	W	-	959.5	-
Tennessee					
March 2017	W	W	-	10,093.5	-
February 2017	W	W	-	9,352.6	-
March 2016	W	880.1	W	W	-
Wisconsin					
March 2017	W	52.7	W	W	-
February 2017	W	51.6	W	W	-
March 2016	58.4	59.1	W	W	-
PAD District 3					
March 2017	1,140.3	W	W	38,446.5	W
February 2017	1,063.1	1,090.6	W	36,206.6	W
March 2016	1,454.1	1,489.8	W	38,147.0	W
Alabama					
March 2017	-	W	-	4,903.9	-
February 2017	-	W	-	4,633.8	-
March 2016	W	W	W	W	-
Arkansas					
March 2017	-	-	-	3,144.1	-
February 2017	-	-	-	2,939.8	-
March 2016	W	W	W	W	-
Louisiana					
March 2017	-	W	-	6,612.0	861.1
February 2017	-	W	-	6,319.5	799.6
March 2016	-	W	-	6,540.0	1,915.5
Mississippi					
March 2017	-	-	-	W	W
February 2017	-	-	-	W	W
March 2016	W	23.1	-	W	W
New Mexico					
March 2017	W	510.2	W	W	-
February 2017	W	466.0	W	W	-
March 2016	459.5	465.8	W	W	-
Texas					
March 2017	W	W	W	W	W
February 2017	W	W	W	W	W
March 2016	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

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)					
Nebraska					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
North Dakota					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
Ohio					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
Oklahoma					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
South Dakota					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
Tennessee					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
Wisconsin					
March 2017	W	W	-	1,584.8	-
February 2017	W	W	-	1,595.8	-
March 2016	W	W	-	1,649.1	-
PAD District 3					
March 2017	-	W	-	15,711.1	-
February 2017	-	-	-	15,490.9	-
March 2016	-	-	W	15,212.2	W
Alabama					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
Arkansas					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
Louisiana					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
Mississippi					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
New Mexico					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
Texas					
March 2017	-	W	-	W	-
February 2017	-	-	-	W	-
March 2016	-	-	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

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)					
Nebraska					
March 2017	W	W	-	1,695.0	-
February 2017	W	W	-	1,597.4	-
March 2016	W	W	-	1,580.7	-
North Dakota					
March 2017	W	W	W	W	-
February 2017	W	W	W	W	-
March 2016	W	W	W	W	-
Ohio					
March 2017	W	W	-	W	W
February 2017	W	W	-	W	W
March 2016	W	W	-	W	W
Oklahoma					
March 2017	W	W	-	4,651.4	397.4
February 2017	W	W	-	4,372.5	1,204.5
March 2016	W	W	-	4,553.8	1,465.9
South Dakota					
March 2017	W	W	-	1,020.1	-
February 2017	W	W	-	943.8	-
March 2016	W	W	-	959.5	-
Tennessee					
March 2017	W	W	-	10,093.5	-
February 2017	W	W	-	9,352.6	-
March 2016	W	880.1	W	W	-
Wisconsin					
March 2017	W	W	W	W	-
February 2017	W	W	W	W	-
March 2016	W	W	W	W	-
PAD District 3					
March 2017	1,140.3	1,168.9	W	54,157.5	W
February 2017	1,063.1	1,090.6	W	51,697.5	W
March 2016	1,454.1	1,489.8	118.9	53,359.1	16,373.2
Alabama					
March 2017	-	W	-	4,903.9	-
February 2017	-	W	-	4,633.8	-
March 2016	W	W	W	W	-
Arkansas					
March 2017	-	-	-	3,144.1	-
February 2017	-	-	-	2,939.8	-
March 2016	W	W	W	W	-
Louisiana					
March 2017	-	W	-	6,612.0	861.1
February 2017	-	W	-	6,319.5	799.6
March 2016	-	W	-	6,540.0	1,915.5
Mississippi					
March 2017	-	-	-	W	W
February 2017	-	-	-	W	W
March 2016	W	23.1	-	W	W
New Mexico					
March 2017	W	510.2	W	W	-
February 2017	W	466.0	W	W	-
March 2016	459.5	465.8	W	W	-
Texas					
March 2017	W	W	W	34,242.5	W
February 2017	W	W	W	32,899.3	W
March 2016	W	W	W	33,894.1	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

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4					
March 2017	W	W	W	12,595.2	W
February 2017	W	W	W	12,052.7	W
March 2016	499.5	513.6	W	12,333.8	W
Colorado					
March 2017	232.0	236.5	W	W	-
February 2017	225.4	228.9	W	W	-
March 2016	220.1	223.9	W	W	-
Idaho					
March 2017	W	W	-	1,639.7	-
February 2017	W	W	-	1,542.5	-
March 2016	W	W	-	1,562.5	-
Montana					
March 2017	W	W	-	1,328.4	-
February 2017	W	W	-	1,246.0	-
March 2016	W	W	-	1,355.8	-
Utah					
March 2017	W	W	W	W	W
February 2017	W	W	W	W	W
March 2016	W	W	W	W	W
Wyoming					
March 2017	W	14.9	-	1,026.4	-
February 2017	W	14.4	-	874.2	-
March 2016	W	W	-	974.9	-
PAD District 5					
March 2017	W	W	W	W	W
February 2017	W	W	W	W	W
March 2016	W	W	W	12,293.4	W
Alaska					
March 2017	W	W	103.4	W	W
February 2017	W	W	96.2	W	W
March 2016	W	W	92.8	W	W
Arizona					
March 2017	W	W	534.3	W	W
February 2017	W	W	476.9	W	W
March 2016	W	W	W	W	-
California					
March 2017	-	-	-	-	W
February 2017	-	-	-	-	W
March 2016	-	-	-	-	W
Hawaii					
March 2017	W	W	W	W	W
February 2017	W	W	W	W	W
March 2016	W	W	W	W	W
Nevada					
March 2017	W	W	W	1,725.9	W
February 2017	W	W	W	1,584.6	W
March 2016	W	W	W	1,371.9	W
Oregon					
March 2017	111.8	111.8	W	2,759.4	W
February 2017	110.1	110.1	927.8	2,621.9	259.3
March 2016	107.9	107.9	W	2,843.9	W
Washington					
March 2017	367.7	374.9	1,398.0	5,716.4	-
February 2017	357.0	361.2	1,342.6	5,385.6	-
March 2016	320.3	327.9	W	5,582.5	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

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
Colorado					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
Idaho					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
Montana					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
Utah					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
Wyoming					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
PAD District 5					
March 2017	W	W	W	W	W
February 2017	W	W	W	W	W
March 2016	W	W	17,242.1	20,231.6	2,032.2
Alaska					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
Arizona					
March 2017	-	W	W	W	W
February 2017	-	W	W	W	W
March 2016	-	W	997.7	W	W
California					
March 2017	W	4,380.2	15,880.0	18,866.8	W
February 2017	W	4,234.1	15,244.7	17,572.5	W
March 2016	W	W	16,244.4	W	W
Hawaii					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
Nevada					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
Oregon					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-
Washington					
March 2017	-	-	-	-	-
February 2017	-	-	-	-	-
March 2016	-	-	-	-	-

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

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4					
March 2017	W	W	W	12,595.2	W
February 2017	W	W	W	12,052.7	W
March 2016	499.5	513.6	W	12,333.8	W
Colorado					
March 2017	232.0	236.5	W	W	-
February 2017	225.4	228.9	W	W	-
March 2016	220.1	223.9	W	W	-
Idaho					
March 2017	W	W	-	1,639.7	-
February 2017	W	W	-	1,542.5	-
March 2016	W	W	-	1,562.5	-
Montana					
March 2017	W	W	-	1,328.4	-
February 2017	W	W	-	1,246.0	-
March 2016	W	W	-	1,355.8	-
Utah					
March 2017	W	W	W	W	W
February 2017	W	W	W	W	W
March 2016	W	W	W	W	W
Wyoming					
March 2017	W	14.9	-	1,026.4	-
February 2017	W	14.4	-	874.2	-
March 2016	W	W	-	974.9	-
PAD District 5					
March 2017	5,814.4	5,880.1	W	34,798.6	W
February 2017	5,611.1	5,668.0	W	32,640.8	W
March 2016	5,701.2	5,773.6	W	32,525.0	W
Alaska					
March 2017	W	W	103.4	W	W
February 2017	W	W	96.2	W	W
March 2016	W	W	92.8	W	W
Arizona					
March 2017	W	W	W	5,037.0	W
February 2017	W	W	W	4,829.3	W
March 2016	W	W	W	5,173.9	W
California					
March 2017	4,379.2	4,380.2	15,880.0	18,866.8	1,837.6
February 2017	4,232.6	4,234.1	15,244.7	17,572.5	1,580.6
March 2016	W	W	16,244.4	16,841.9	2,695.8
Hawaii					
March 2017	W	W	W	W	W
February 2017	W	W	W	W	W
March 2016	W	W	W	W	W
Nevada					
March 2017	W	W	W	1,725.9	W
February 2017	W	W	W	1,584.6	W
March 2016	W	W	W	1,371.9	W
Oregon					
March 2017	111.8	111.8	W	2,759.4	W
February 2017	110.1	110.1	927.8	2,621.9	259.3
March 2016	107.9	107.9	W	2,843.9	W
Washington					
March 2017	367.7	374.9	1,398.0	5,716.4	-
February 2017	357.0	361.2	1,342.6	5,385.6	-
March 2016	320.3	327.9	W	5,582.5	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 2016 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										
March 2017	W	386.2	32,093.5	31,364.5	W	716.0	104.3	923.5	4,926.8	28,386.5
February 2017	W	371.1	30,606.1	32,762.5	W	1,250.9	113.1	1,783.5	6,400.9	37,274.8
March 2016	W	402.6	30,767.8	28,507.1	W	623.5	80.0	703.8	6,103.4	29,093.5
PAD District 1										
March 2017	W	123.0	5,082.4	5,865.3	W	175.9	-	W	W	7,084.5
February 2017	W	115.3	4,914.0	6,692.5	W	516.3	W	W	W	7,458.3
March 2016	W	133.4	5,640.3	5,133.9	W	126.7	-	W	W	5,299.1
Subdistrict 1A										
March 2017	-	W	342.4	364.1	W	-	-	W	W	1,520.0
February 2017	-	W	323.8	288.6	W	W	W	W	W	1,758.9
March 2016	-	W	W	W	W	-	-	W	W	938.7
Connecticut										
March 2017	-	-	W	W	-	-	-	-	-	144.4
February 2017	-	-	W	W	-	W	-	-	-	166.1
March 2016	-	-	W	W	-	-	-	-	-	18.3
Maine										
March 2017	-	W	W	W	-	-	-	W	W	365.9
February 2017	-	W	W	W	-	-	W	W	W	437.3
March 2016	-	W	W	W	-	-	-	-	W	243.1
Massachusetts										
March 2017	-	-	W	W	W	-	-	-	-	217.2
February 2017	-	-	W	W	W	-	-	-	-	275.8
March 2016	-	-	W	W	W	-	-	-	-	170.7
New Hampshire										
March 2017	-	-	W	W	W	-	-	-	-	276.1
February 2017	-	-	W	W	W	-	-	W	-	266.6
March 2016	-	-	W	-	W	-	-	-	-	159.5
Rhode Island										
March 2017	-	-	W	W	W	-	-	-	-	W
February 2017	-	-	W	W	W	-	-	-	-	W
March 2016	-	-	W	W	W	-	-	-	-	W
Vermont										
March 2017	-	-	W	W	-	-	-	W	W	W
February 2017	-	-	W	W	-	-	-	W	W	W
March 2016	-	-	W	-	-	-	-	W	W	W
Subdistrict 1B										
March 2017	W	W	2,409.7	3,719.1	W	W	-	W	W	2,899.1
February 2017	-	W	2,629.4	4,616.4	W	414.5	-	W	W	2,954.0
March 2016	-	W	3,440.5	2,887.8	W	W	-	W	W	2,370.7
Delaware										
March 2017	-	-	-	-	W	-	-	-	-	W
February 2017	-	-	-	W	W	-	-	-	-	177.7
March 2016	-	-	-	W	W	-	-	-	-	W
District of Columbia										
March 2017	-	-	-	-	-	-	-	-	-	-
February 2017	-	-	-	-	-	-	-	-	-	-
March 2016	-	-	-	-	-	-	-	-	-	-
Maryland										
March 2017	-	-	W	W	-	W	-	-	-	W
February 2017	-	-	W	42.1	-	W	-	-	-	167.0
March 2016	-	-	W	W	-	W	-	-	-	W
New Jersey										
March 2017	-	W	1,238.3	1,863.4	W	77.5	-	-	-	355.4
February 2017	-	-	1,525.4	3,030.1	W	306.2	-	-	-	386.1
March 2016	-	-	2,179.2	2,091.0	W	W	-	-	-	266.6
New York										
March 2017	-	W	W	85.7	W	W	-	W	W	865.5
February 2017	-	W	W	81.4	W	W	-	W	W	950.8
March 2016	-	W	W	125.3	W	W	-	W	W	750.5
Pennsylvania										
March 2017	W	W	W	W	W	W	-	W	W	1,497.7
February 2017	-	W	W	W	W	W	-	W	W	1,272.4
March 2016	-	W	W	634.1	W	W	-	W	W	1,146.4

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										
March 2017	W	105.0	2,330.2	1,782.0	W	W	-	W	W	2,665.4
February 2017	W	94.4	1,960.8	1,787.5	W	W	-	W	W	2,745.4
March 2016	W	111.4	W	W	W	W	-	W	W	1,989.7
Florida										
March 2017	-	79.7	W	1,396.3	W	-	-	-	-	522.4
February 2017	-	74.3	1,539.0	1,412.8	W	-	-	-	-	433.9
March 2016	W	88.8	1,614.6	1,388.9	W	-	-	-	-	354.8
Georgia										
March 2017	W	W	W	87.1	-	W	-	W	-	450.8
February 2017	W	W	W	44.5	-	W	-	W	-	463.2
March 2016	-	W	203.0	202.1	W	-	-	W	-	375.5
North Carolina										
March 2017	W	W	W	126.1	W	W	-	-	-	754.9
February 2017	W	W	W	W	W	W	-	-	-	741.4
March 2016	W	W	W	141.8	W	W	-	-	-	550.5
South Carolina										
March 2017	-	-	W	55.2	W	W	-	-	-	585.6
February 2017	-	-	W	52.8	W	W	-	-	-	639.9
March 2016	-	-	W	64.7	W	W	-	-	-	474.9
Virginia										
March 2017	-	W	176.8	W	-	W	-	-	-	W
February 2017	-	W	150.9	165.9	-	W	-	-	-	W
March 2016	-	W	97.3	W	W	W	-	-	-	174.2
West Virginia										
March 2017	-	-	W	W	W	-	-	-	W	W
February 2017	-	-	W	W	W	-	-	-	W	W
March 2016	-	-	W	W	W	-	-	-	W	59.8
PAD District 2										
March 2017	W	91.9	5,420.8	5,126.7	W	W	4.4	473.0	W	9,049.1
February 2017	W	87.9	5,489.6	4,734.3	W	W	8.0	1,092.6	W	10,089.2
March 2016	W	112.9	5,636.3	4,582.8	W	W	5.1	194.7	W	7,644.1
Illinois										
March 2017	W	W	1,400.2	W	W	W	W	W	W	1,469.6
February 2017	W	W	1,291.0	W	W	W	W	W	W	1,466.6
March 2016	W	W	1,363.8	W	W	W	NA	W	W	1,184.4
Indiana										
March 2017	-	-	655.1	306.1	W	W	-	W	W	321.2
February 2017	-	-	669.3	359.4	W	W	-	W	-	417.8
March 2016	-	-	614.1	335.3	W	W	-	W	W	352.7
Iowa										
March 2017	-	-	W	56.2	-	-	-	22.6	W	478.0
February 2017	-	-	16.9	56.1	-	-	-	111.7	W	607.0
March 2016	-	-	W	W	-	-	W	12.7	W	372.2
Kansas										
March 2017	W	W	W	W	-	W	-	24.5	W	1,741.7
February 2017	W	W	W	W	-	W	-	83.1	W	2,145.9
March 2016	W	W	W	W	-	W	-	20.3	W	2,049.7
Kentucky										
March 2017	-	W	W	W	W	W	W	W	-	658.2
February 2017	-	W	W	W	W	W	-	W	W	500.6
March 2016	-	W	W	419.9	W	W	-	W	W	392.1
Michigan										
March 2017	-	-	147.8	481.1	W	W	W	10.5	W	980.5
February 2017	-	-	121.3	506.7	W	W	W	W	W	839.6
March 2016	W	-	W	328.4	W	W	W	W	W	733.6
Minnesota										
March 2017	W	W	W	W	W	W	1.4	85.3	W	432.6
February 2017	-	W	W	W	W	W	2.8	214.5	W	637.8
March 2016	W	W	420.2	W	W	W	1.7	45.3	W	363.4
Missouri										
March 2017	W	W	W	W	-	-	-	3.0	-	303.1
February 2017	W	-	W	W	-	-	-	11.0	NA	371.5
March 2016	W	-	W	W	-	-	-	0.8	W	277.0

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										
March 2017	W	-	W	W	-	-	W	13.0	W	209.1
February 2017	W	-	W	W	-	-	-	77.0	W	266.6
March 2016	W	-	W	W	-	-	-	7.3	W	167.1
North Dakota										
March 2017	-	-	W	W	-	-	W	240.7	W	314.5
February 2017	-	-	W	W	-	W	W	358.1	W	430.4
March 2016	-	-	W	W	-	-	W	55.7	W	198.7
Ohio										
March 2017	-	-	457.0	664.4	W	W	-	W	W	745.1
February 2017	-	-	476.5	604.1	W	W	-	W	W	931.3
March 2016	-	-	436.0	W	W	W	-	W	W	512.5
Oklahoma										
March 2017	W	-	W	696.9	-	W	-	-	W	241.1
February 2017	W	-	W	491.0	-	W	-	W	W	199.9
March 2016	W	-	W	361.5	-	W	-	W	W	152.8
South Dakota										
March 2017	-	-	W	-	-	-	W	22.1	W	W
February 2017	-	-	W	-	W	-	W	73.3	W	189.4
March 2016	-	-	17.8	W	-	-	W	7.3	W	118.2
Tennessee										
March 2017	W	W	W	157.5	W	W	-	-	-	W
February 2017	-	W	W	124.9	W	W	-	-	-	181.4
March 2016	-	W	W	142.5	W	W	-	W	-	169.0
Wisconsin										
March 2017	-	-	W	W	W	W	W	21.0	W	829.2
February 2017	-	-	W	W	W	W	0.5	W	W	903.4
March 2016	-	-	W	W	W	W	W	9.3	W	600.7
PAD District 3										
March 2017	W	102.2	7,994.8	11,134.6	-	411.3	-	W	4,652.6	9,356.0
February 2017	W	112.7	7,198.5	12,525.3	-	576.9	-	W	6,060.2	16,329.4
March 2016	W	90.4	7,988.9	11,391.7	-	439.1	-	W	5,868.8	13,170.5
Alabama										
March 2017	-	W	NA	60.8	-	W	-	-	-	234.8
February 2017	-	W	232.6	58.7	-	W	-	-	-	241.7
March 2016	-	W	218.3	60.9	-	W	-	-	-	233.4
Arkansas										
March 2017	W	W	W	W	-	-	-	-	-	W
February 2017	-	-	W	W	-	-	-	-	-	W
March 2016	W	-	W	W	-	-	-	-	-	W
Louisiana										
March 2017	W	6.1	1,304.2	3,898.2	-	W	-	W	W	102.5
February 2017	-	6.0	1,388.6	5,196.3	-	W	-	W	W	124.3
March 2016	W	5.7	1,142.7	3,966.0	-	W	-	W	W	188.0
Mississippi										
March 2017	-	W	914.2	1,970.6	-	-	-	-	-	369.3
February 2017	-	W	691.4	2,065.4	-	W	-	-	-	233.3
March 2016	-	W	923.3	1,486.5	-	-	-	-	-	260.2
New Mexico										
March 2017	W	-	W	W	-	-	-	-	W	W
February 2017	W	-	W	W	-	-	-	-	W	W
March 2016	W	-	W	W	-	-	-	-	W	W
Texas										
March 2017	W	W	5,451.6	5,102.3	-	3.6	-	-	3,840.2	8,594.1
February 2017	W	W	4,818.5	5,112.8	-	W	-	-	5,349.1	15,635.6
March 2016	W	82.4	5,628.4	5,822.1	-	2.2	-	-	3,806.1	12,372.5

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										
March 2017	W	W	861.8	1,044.2	-	-	W	107.3	W	954.6
February 2017	W	W	803.0	863.6	-	-	7.4	281.7	W	1,094.9
March 2016	W	W	913.0	553.8	-	-	W	70.6	W	856.6
Colorado										
March 2017	W	-	335.0	594.4	-	-	-	39.7	W	337.6
February 2017	W	-	364.6	535.5	-	-	-	83.6	W	365.0
March 2016	W	-	420.7	249.6	-	-	W	27.5	W	317.1
Idaho										
March 2017	-	-	W	25.4	-	-	W	3.4	W	37.2
February 2017	-	-	W	23.6	-	-	W	20.4	W	45.6
March 2016	-	-	46.5	20.9	-	-	W	2.0	W	32.2
Montana										
March 2017	W	W	W	W	-	-	W	25.3	W	136.6
February 2017	-	W	W	W	-	-	W	69.6	W	196.9
March 2016	-	W	W	W	-	-	W	20.9	W	101.8
Utah										
March 2017	W	W	370.4	344.0	-	-	W	14.9	-	152.0
February 2017	W	W	294.8	233.5	-	-	W	36.0	-	130.3
March 2016	-	W	341.4	229.1	-	-	W	8.6	-	125.7
Wyoming										
March 2017	-	-	W	W	-	-	-	24.0	W	291.3
February 2017	-	-	W	W	-	-	W	72.1	W	357.1
March 2016	-	-	W	W	-	-	-	11.6	W	279.8
PAD District 5										
March 2017	W	W	12,733.8	8,193.7	W	W	W	308.6	W	1,942.3
February 2017	W	W	12,200.9	7,946.9	W	W	W	364.3	W	2,303.0
March 2016	W	W	10,589.3	6,844.9	-	W	W	404.9	W	2,123.2
Alaska										
March 2017	W	W	W	W	-	-	W	W	W	W
February 2017	W	W	W	W	-	-	W	W	W	W
March 2016	W	W	W	485.7	-	-	W	364.2	W	W
Arizona										
March 2017	W	W	217.9	257.2	-	-	-	-	W	185.0
February 2017	W	W	199.3	235.0	-	-	-	-	-	272.0
March 2016	W	W	NA	236.1	-	-	-	-	W	241.1
California										
March 2017	-	30.1	6,886.2	6,899.8	-	W	-	-	W	1,048.5
February 2017	-	26.0	6,877.8	6,715.3	-	W	-	-	W	1,214.5
March 2016	-	30.8	6,159.7	5,426.0	-	W	-	-	W	1,237.0
Hawaii										
March 2017	-	W	W	W	-	-	-	-	-	W
February 2017	-	W	W	W	-	-	-	-	-	W
March 2016	-	W	W	W	-	-	-	-	-	W
Nevada										
March 2017	-	-	W	W	-	-	-	-	-	80.6
February 2017	-	-	W	W	-	-	-	-	-	83.6
March 2016	-	-	W	W	-	-	-	W	-	43.4
Oregon										
March 2017	-	7.6	361.7	38.7	-	-	-	W	W	81.9
February 2017	-	7.2	309.6	37.0	-	-	-	W	W	75.7
March 2016	-	8.7	377.1	68.2	-	-	-	W	W	W
Washington										
March 2017	-	W	2,301.0	164.0	W	-	W	W	W	504.3
February 2017	-	W	2,157.6	141.9	W	-	W	W	W	611.5
March 2016	-	W	1,476.6	258.9	-	-	W	W	W	525.1

- = 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 2016 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

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
March 2017	12,440.0	133,103.0	W	W	W	W
February 2017	11,630.5	131,109.7	W	W	W	W
March 2016	11,927.3	134,462.0	W	W	W	W
PAD District 1						
March 2017	W	24,726.6	-	W	-	W
February 2017	1,579.1	24,075.1	-	W	-	W
March 2016	2,112.1	W	-	-	-	W
Subdistrict 1A						
March 2017	33.8	W	-	-	-	-
February 2017	W	W	-	-	-	-
March 2016	30.4	W	-	-	-	-
Connecticut						
March 2017	W	W	-	-	-	-
February 2017	W	W	-	-	-	-
March 2016	W	W	-	-	-	-
Maine						
March 2017	-	W	-	-	-	-
February 2017	-	W	-	-	-	-
March 2016	-	62.8	-	-	-	-
Massachusetts						
March 2017	W	163.8	-	-	-	-
February 2017	W	161.6	-	-	-	-
March 2016	W	171.6	-	-	-	-
New Hampshire						
March 2017	W	W	-	-	-	-
February 2017	W	W	-	-	-	-
March 2016	W	W	-	-	-	-
Rhode Island						
March 2017	W	W	-	-	-	-
February 2017	W	W	-	-	-	-
March 2016	W	W	-	-	-	-
Vermont						
March 2017	W	W	-	-	-	-
February 2017	W	W	-	-	-	-
March 2016	W	W	-	-	-	-
Subdistrict 1B						
March 2017	W	W	-	W	-	W
February 2017	W	W	-	W	-	W
March 2016	629.6	W	-	-	-	W
Delaware						
March 2017	W	W	-	-	-	-
February 2017	W	W	-	-	-	-
March 2016	2.6	W	-	-	-	-
District of Columbia						
March 2017	-	W	-	-	-	-
February 2017	-	W	-	-	-	-
March 2016	-	W	-	-	-	-
Maryland						
March 2017	W	W	-	-	-	-
February 2017	W	W	-	-	-	-
March 2016	W	W	-	-	-	-
New Jersey						
March 2017	163.9	W	-	W	-	-
February 2017	168.8	W	-	W	-	-
March 2016	185.2	4,547.5	-	-	-	-
New York						
March 2017	173.0	W	-	-	-	W
February 2017	W	W	-	-	-	W
March 2016	W	W	-	-	-	W
Pennsylvania						
March 2017	W	5,179.4	-	-	-	-
February 2017	W	4,931.5	-	-	-	-
March 2016	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

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
March 2017	944.8	W	-	-	-	-
February 2017	962.1	W	-	-	-	-
March 2016	1,452.2	W	-	-	-	-
Florida						
March 2017	358.8	4,873.4	-	-	-	-
February 2017	400.9	4,545.1	-	-	-	-
March 2016	400.2	4,490.0	-	-	-	-
Georgia						
March 2017	63.4	2,414.2	-	-	-	-
February 2017	63.6	2,343.5	-	-	-	-
March 2016	142.0	2,599.4	-	-	-	-
North Carolina						
March 2017	325.4	W	-	-	-	-
February 2017	306.8	W	-	-	-	-
March 2016	455.8	W	-	-	-	-
South Carolina						
March 2017	W	1,244.2	-	-	-	-
February 2017	W	1,199.0	-	-	-	-
March 2016	W	1,250.5	-	-	-	-
Virginia						
March 2017	17.2	2,193.8	-	-	-	-
February 2017	15.8	2,311.7	-	-	-	-
March 2016	58.1	2,304.9	-	-	-	-
West Virginia						
March 2017	W	543.4	-	-	-	-
February 2017	W	W	-	-	-	-
March 2016	W	484.3	-	-	-	-
PAD District 2						
March 2017	W	W	-	-	-	-
February 2017	W	W	-	-	-	-
March 2016	W	W	-	-	-	-
Illinois						
March 2017	W	5,551.9	-	-	-	-
February 2017	W	5,821.6	-	-	-	-
March 2016	256.3	5,344.3	-	-	-	-
Indiana						
March 2017	W	4,211.5	-	-	-	-
February 2017	W	3,484.4	-	-	-	-
March 2016	W	3,252.2	-	-	-	-
Iowa						
March 2017	16.6	2,233.6	-	-	-	-
February 2017	15.5	1,817.8	-	-	-	-
March 2016	18.6	2,106.6	-	-	-	-
Kansas						
March 2017	W	3,304.3	-	-	-	-
February 2017	575.6	3,122.0	-	-	-	-
March 2016	W	2,860.0	-	-	-	-
Kentucky						
March 2017	W	W	-	-	-	-
February 2017	W	1,861.5	-	-	-	-
March 2016	W	W	-	-	-	-
Michigan						
March 2017	W	W	-	-	-	-
February 2017	W	W	-	-	-	-
March 2016	W	W	-	-	-	-
Minnesota						
March 2017	W	2,262.8	-	-	-	-
February 2017	W	2,109.7	-	-	-	-
March 2016	W	2,040.9	-	-	-	-
Missouri						
March 2017	W	1,574.9	-	-	-	-
February 2017	W	1,374.9	-	-	-	-
March 2016	W	1,397.2	-	-	-	-

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	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						
March 2017	W	1,689.2	-	-	-	-
February 2017	W	1,187.8	-	-	-	-
March 2016	W	1,505.5	-	-	-	-
North Dakota						
March 2017	W	1,169.4	-	-	-	-
February 2017	W	1,080.4	-	-	-	-
March 2016	W	1,460.6	-	-	-	-
Ohio						
March 2017	853.3	4,821.0	-	-	-	-
February 2017	810.6	4,727.5	-	-	-	-
March 2016	838.1	4,405.1	-	-	-	-
Oklahoma						
March 2017	W	4,691.7	-	-	-	-
February 2017	159.9	4,689.6	-	-	-	-
March 2016	304.6	4,079.0	-	-	-	-
South Dakota						
March 2017	W	657.3	-	-	-	-
February 2017	W	427.9	-	-	-	-
March 2016	W	474.1	-	-	-	-
Tennessee						
March 2017	275.2	3,058.5	-	-	-	-
February 2017	279.4	2,943.2	-	-	-	-
March 2016	417.3	3,115.9	-	-	-	-
Wisconsin						
March 2017	W	W	-	-	-	-
February 2017	W	1,896.7	-	-	-	-
March 2016	W	1,948.3	-	-	-	-
PAD District 3						
March 2017	W	42,407.1	W	W	-	W
February 2017	W	45,440.1	W	W	-	761.0
March 2016	2,534.9	W	W	W	W	860.6
Alabama						
March 2017	150.4	1,611.0	-	-	-	-
February 2017	147.8	1,518.1	-	-	-	-
March 2016	190.1	1,961.5	-	-	-	-
Arkansas						
March 2017	W	1,496.4	-	-	-	-
February 2017	W	1,551.0	-	-	-	-
March 2016	W	1,272.1	-	-	-	-
Louisiana						
March 2017	149.1	W	-	W	-	W
February 2017	153.4	W	-	W	-	W
March 2016	W	W	-	W	W	W
Mississippi						
March 2017	96.4	W	-	-	-	-
February 2017	81.3	W	-	-	-	-
March 2016	83.1	W	-	-	-	-
New Mexico						
March 2017	288.8	1,107.9	-	-	-	-
February 2017	308.7	1,203.5	-	-	-	-
March 2016	306.9	1,192.0	-	-	-	-
Texas						
March 2017	2,074.8	27,796.9	W	W	-	W
February 2017	1,802.8	30,754.8	W	W	-	W
March 2016	1,583.4	28,464.0	W	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

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
March 2017	W	6,428.1	-	-	-	-
February 2017	W	6,325.8	-	-	-	-
March 2016	W	6,218.7	-	-	-	-
Colorado						
March 2017	258.3	1,816.4	-	-	-	-
February 2017	241.7	1,912.7	-	-	-	-
March 2016	234.5	1,776.7	-	-	-	-
Idaho						
March 2017	W	822.3	-	-	-	-
February 2017	W	785.9	-	-	-	-
March 2016	W	748.7	-	-	-	-
Montana						
March 2017	191.6	1,065.2	-	-	-	-
February 2017	174.4	974.2	-	-	-	-
March 2016	W	1,049.5	-	-	-	-
Utah						
March 2017	W	1,688.8	-	-	-	-
February 2017	W	1,458.5	-	-	-	-
March 2016	W	1,627.6	-	-	-	-
Wyoming						
March 2017	431.4	1,035.5	-	-	-	-
February 2017	399.5	1,194.6	-	-	-	-
March 2016	286.4	1,016.2	-	-	-	-
PAD District 5						
March 2017	W	W	W	-	W	W
February 2017	W	W	W	-	W	W
March 2016	W	19,193.1	W	-	W	W
Alaska						
March 2017	W	W	-	-	-	-
February 2017	W	W	-	-	-	-
March 2016	W	W	-	-	-	-
Arizona						
March 2017	403.6	1,071.7	-	-	-	-
February 2017	391.0	1,003.5	-	-	-	-
March 2016	485.1	1,322.6	-	-	-	-
California						
March 2017	1,180.2	W	-	-	-	W
February 2017	1,076.4	W	-	-	-	W
March 2016	983.7	12,164.5	-	-	-	-
Hawaii						
March 2017	W	W	W	-	W	W
February 2017	W	W	W	-	W	W
March 2016	W	W	W	-	W	W
Nevada						
March 2017	W	451.4	-	-	-	-
February 2017	W	309.3	-	-	-	-
March 2016	W	438.5	-	-	-	-
Oregon						
March 2017	7.8	1,999.1	-	-	-	-
February 2017	9.3	2,066.3	-	-	-	-
March 2016	6.8	2,010.4	-	-	-	-
Washington						
March 2017	W	2,835.2	-	-	-	-
February 2017	W	2,792.6	-	-	-	-
March 2016	W	3,006.6	-	-	-	-

- = 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 2016 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				
March 2017	125.5	9,560.5	12,907.7	146,259.7
February 2017	107.1	11,304.0	12,081.9	145,643.0
March 2016	74.8	8,483.3	12,314.3	146,204.2
PAD District 1				
March 2017	W	5,784.7	1,593.9	30,607.4
February 2017	11.0	7,433.0	1,590.1	31,616.1
March 2016	14.4	5,072.3	2,126.5	31,606.0
Subdistrict 1A				
March 2017	-	W	33.8	1,809.8
February 2017	W	W	34.2	1,987.2
March 2016	-	W	30.4	1,593.9
Connecticut				
March 2017	-	W	W	478.9
February 2017	-	W	W	597.6
March 2016	-	W	W	636.7
Maine				
March 2017	-	W	-	132.2
February 2017	W	W	W	127.5
March 2016	-	-	-	62.8
Massachusetts				
March 2017	-	-	W	163.8
February 2017	-	-	W	161.6
March 2016	-	-	W	171.6
New Hampshire				
March 2017	-	W	W	W
February 2017	-	W	W	W
March 2016	-	-	W	W
Rhode Island				
March 2017	-	W	W	W
February 2017	-	W	W	W
March 2016	-	W	W	W
Vermont				
March 2017	-	W	W	W
February 2017	-	W	W	W
March 2016	-	W	W	W
Subdistrict 1B				
March 2017	W	4,718.8	615.3	14,900.9
February 2017	W	6,061.9	593.9	15,944.8
March 2016	14.4	4,321.2	643.9	16,458.6
Delaware				
March 2017	-	W	W	W
February 2017	-	W	W	W
March 2016	-	W	W	W
District of Columbia				
March 2017	-	-	-	W
February 2017	-	-	-	W
March 2016	-	-	-	W
Maryland				
March 2017	W	W	W	1,248.9
February 2017	W	W	W	1,294.8
March 2016	W	W	W	1,275.4
New Jersey				
March 2017	-	2,364.2	163.9	5,349.1
February 2017	-	3,111.6	168.8	6,163.7
March 2016	-	2,918.9	185.2	7,466.5
New York				
March 2017	-	1,089.8	173.0	1,992.5
February 2017	W	1,263.3	162.1	2,069.6
March 2016	W	758.2	162.2	1,704.2
Pennsylvania				
March 2017	W	937.8	269.6	6,117.3
February 2017	W	1,319.3	258.7	6,250.8
March 2016	W	421.7	281.6	5,817.2

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
Subdistrict 1C				
March 2017	-	W	944.8	13,896.7
February 2017	-	W	962.1	13,684.1
March 2016	-	W	1,452.2	13,553.5
Florida				
March 2017	-	-	358.8	4,873.4
February 2017	-	-	400.9	4,545.1
March 2016	-	-	400.2	4,490.0
Georgia				
March 2017	-	-	63.4	2,414.2
February 2017	-	-	63.6	2,343.5
March 2016	-	-	142.0	2,599.4
North Carolina				
March 2017	-	W	325.4	2,627.8
February 2017	-	W	306.8	2,757.6
March 2016	-	W	455.8	2,424.4
South Carolina				
March 2017	-	-	W	1,244.2
February 2017	-	-	W	1,199.0
March 2016	-	-	W	1,250.5
Virginia				
March 2017	-	-	17.2	2,193.8
February 2017	-	-	15.8	2,311.7
March 2016	-	-	58.1	2,304.9
West Virginia				
March 2017	-	-	W	543.4
February 2017	-	W	W	527.1
March 2016	-	-	W	484.3
PAD District 2				
March 2017	W	W	4,534.0	41,432.3
February 2017	W	W	4,231.3	38,751.5
March 2016	W	W	4,231.6	38,073.1
Illinois				
March 2017	-	-	W	5,551.9
February 2017	-	-	W	5,821.6
March 2016	-	-	256.3	5,344.3
Indiana				
March 2017	-	-	W	4,211.5
February 2017	-	-	W	3,484.4
March 2016	-	-	W	3,252.2
Iowa				
March 2017	-	-	16.6	2,233.6
February 2017	-	-	15.5	1,817.8
March 2016	-	-	18.6	2,106.6
Kansas				
March 2017	-	-	W	3,304.3
February 2017	-	-	575.6	3,122.0
March 2016	-	-	W	2,860.0
Kentucky				
March 2017	-	W	W	1,834.5
February 2017	-	-	W	1,861.5
March 2016	-	W	W	2,015.7
Michigan				
March 2017	-	W	W	2,358.0
February 2017	-	W	W	2,206.8
March 2016	-	W	W	2,067.8
Minnesota				
March 2017	W	-	253.5	2,262.8
February 2017	W	-	250.7	2,109.7
March 2016	W	-	259.7	2,040.9
Missouri				
March 2017	-	-	W	1,574.9
February 2017	-	-	W	1,374.9
March 2016	-	-	W	1,397.2

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				
March 2017	-	-	W	1,689.2
February 2017	-	-	W	1,187.8
March 2016	-	-	W	1,505.5
North Dakota				
March 2017	W	-	W	1,169.4
February 2017	W	-	W	1,080.4
March 2016	W	-	W	1,460.6
Ohio				
March 2017	-	-	853.3	4,821.0
February 2017	-	-	810.6	4,727.5
March 2016	-	-	838.1	4,405.1
Oklahoma				
March 2017	-	-	W	4,691.7
February 2017	-	-	159.9	4,689.6
March 2016	-	-	304.6	4,079.0
South Dakota				
March 2017	W	-	W	657.3
February 2017	W	-	W	427.9
March 2016	W	-	71.5	474.1
Tennessee				
March 2017	-	-	275.2	3,058.5
February 2017	-	-	279.4	2,943.2
March 2016	-	-	417.3	3,115.9
Wisconsin				
March 2017	W	W	143.2	2,013.6
February 2017	W	-	136.4	1,896.7
March 2016	W	-	45.6	1,948.3
PAD District 3				
March 2017	-	3,652.6	2,853.2	49,274.6
February 2017	-	W	2,575.5	52,094.3
March 2016	-	3,326.5	2,586.5	51,057.0
Alabama				
March 2017	-	-	150.4	1,611.0
February 2017	-	-	147.8	1,518.1
March 2016	-	-	190.1	1,961.5
Arkansas				
March 2017	-	-	W	1,496.4
February 2017	-	-	W	1,551.0
March 2016	-	-	W	1,272.1
Louisiana				
March 2017	-	W	149.1	12,159.2
February 2017	-	W	153.4	12,183.1
March 2016	-	W	351.5	12,169.6
Mississippi				
March 2017	-	W	W	2,163.3
February 2017	-	W	W	1,981.9
March 2016	-	W	W	3,196.3
New Mexico				
March 2017	-	-	288.8	1,107.9
February 2017	-	-	308.7	1,203.5
March 2016	-	-	306.9	1,192.0
Texas				
March 2017	-	2,501.7	2,078.5	30,736.9
February 2017	-	W	1,817.8	33,656.6
March 2016	-	2,333.6	1,631.0	31,265.5

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				
March 2017	W	-	1,304.9	6,428.1
February 2017	W	-	1,220.6	6,325.8
March 2016	W	-	1,104.9	6,218.7
Colorado				
March 2017	-	-	258.3	1,816.4
February 2017	-	-	241.7	1,912.7
March 2016	-	-	234.5	1,776.7
Idaho				
March 2017	W	-	80.6	822.3
February 2017	W	-	W	785.9
March 2016	W	-	78.4	748.7
Montana				
March 2017	-	-	191.6	1,065.2
February 2017	-	-	W	974.2
March 2016	W	-	150.1	1,049.5
Utah				
March 2017	W	-	343.1	1,688.8
February 2017	W	-	347.2	1,458.5
March 2016	W	-	355.6	1,627.6
Wyoming				
March 2017	-	-	431.4	1,035.5
February 2017	-	-	399.5	1,194.6
March 2016	-	-	286.4	1,016.2
PAD District 5				
March 2017	W	W	2,621.7	18,517.3
February 2017	W	W	2,464.3	16,855.5
March 2016	W	W	2,264.7	19,249.4
Alaska				
March 2017	W	W	W	W
February 2017	W	W	W	W
March 2016	W	W	W	W
Arizona				
March 2017	-	-	403.6	1,071.7
February 2017	-	-	391.0	1,003.5
March 2016	-	-	485.1	1,322.6
California				
March 2017	-	-	1,180.2	11,849.9
February 2017	-	-	1,076.4	10,385.1
March 2016	-	-	983.7	12,164.5
Hawaii				
March 2017	-	-	W	W
February 2017	-	-	W	W
March 2016	-	-	W	W
Nevada				
March 2017	W	-	129.5	451.4
February 2017	W	-	137.7	309.3
March 2016	W	-	41.1	438.5
Oregon				
March 2017	-	-	7.8	1,999.1
February 2017	-	-	9.3	2,066.3
March 2016	-	-	6.8	2,010.4
Washington				
March 2017	W	-	229.1	2,835.2
February 2017	W	-	199.1	2,792.6
March 2016	W	-	181.8	3,006.6

- = 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 2016 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								
March 2017	W	409.8	W	5,422.5	4,592.3	5,832.3	W	W
February 2017	W	611.1	W	5,590.6	4,419.4	6,201.8	W	W
March 2016	NA	725.0	3,311.6	8,455.8	4,053.4	9,180.7	-	199.2
PAD District 1								
March 2017	W	W	W	W	663.2	W	-	-
February 2017	W	W	W	W	W	2,062.9	-	-
March 2016	W	W	W	W	W	2,431.8	-	-
Subdistrict 1A								
March 2017	-	-	-	-	-	-	-	-
February 2017	-	-	-	-	-	-	-	-
March 2016	-	-	-	-	-	-	-	-
Subdistrict 1B								
March 2017	W	W	W	W	W	W	-	-
February 2017	W	W	W	W	W	W	-	-
March 2016	W	W	W	W	W	2,431.8	-	-
Subdistrict 1C								
March 2017	-	-	W	W	W	W	-	-
February 2017	-	-	W	W	W	W	-	-
March 2016	-	-	W	-	W	-	-	-
PAD District 2								
March 2017	-	-	-	W	-	W	-	W
February 2017	-	-	-	W	-	W	-	W
March 2016	-	-	-	145.8	-	145.8	-	W
PAD District 3								
March 2017	-	W	643.7	W	643.7	4,003.4	-	W
February 2017	-	W	W	W	W	3,275.4	-	W
March 2016	-	482.3	W	4,184.6	W	4,667.0	-	W
PAD District 4								
March 2017	-	-	-	W	-	W	W	-
February 2017	-	-	-	W	-	W	W	-
March 2016	-	NA	-	NA	-	NA	-	-
PAD District 5								
March 2017	W	W	W	W	3,285.4	485.0	-	-
February 2017	W	W	W	W	3,122.5	724.2	-	-
March 2016	W	W	W	W	2,765.7	1,900.3	-	-

- = 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 2016 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						
March 2017	218,048.7	105,799.7	323,848.5	4,198.7	2,561.5	6,760.2
February 2017	211,011.7	102,048.3	313,060.1	4,004.5	2,474.9	6,479.4
March 2016	213,491.5	104,862.2	318,353.5	4,220.5	2,621.5	6,842.0
PAD District 1						
March 2017	66,880.2	41,002.6	107,882.8	1,452.1	932.6	2,384.6
February 2017	64,132.0	39,777.0	103,909.0	1,375.5	896.9	2,272.4
March 2016	66,180.3	41,607.6	107,788.1	1,515.2	942.2	2,457.3
Subdistrict 1A						
March 2017	1,717.7	13,057.6	14,775.4	13.5	290.7	304.2
February 2017	1,719.8	12,613.0	14,332.9	14.7	279.9	294.6
March 2016	1,692.3	13,221.3	14,913.6	12.2	273.0	285.2
Connecticut						
March 2017	-	3,408.1	3,408.1	-	79.0	79.0
February 2017	-	3,333.5	3,333.5	-	77.8	77.8
March 2016	-	3,778.1	3,778.1	-	79.2	79.2
Maine						
March 2017	647.2	1,100.5	1,747.7	2.8	14.1	16.9
February 2017	646.7	1,052.5	1,699.2	3.0	14.1	17.1
March 2016	660.0	992.2	1,652.2	2.3	13.1	15.4
Massachusetts						
March 2017	-	6,040.2	6,040.2	-	146.3	146.3
February 2017	-	5,828.7	5,828.7	-	139.2	139.2
March 2016	-	5,950.2	5,950.2	-	131.1	131.1
New Hampshire						
March 2017	308.8	1,038.4	1,347.2	2.1	19.4	21.5
February 2017	302.3	1,001.6	1,303.8	2.3	18.8	21.1
March 2016	304.3	1,069.4	1,373.7	2.0	18.5	20.4
Rhode Island						
March 2017	-	1,470.4	1,470.4	-	32.0	32.0
February 2017	-	1,396.8	1,396.8	-	30.1	30.1
March 2016	-	1,431.5	1,431.5	-	31.2	31.2
Vermont						
March 2017	761.8	-	761.8	8.5	-	8.5
February 2017	770.9	-	770.9	9.3	-	9.3
March 2016	728.0	-	728.0	8.0	-	8.0
Subdistrict 1B						
March 2017	11,891.9	23,490.5	35,382.3	171.6	515.0	686.6
February 2017	11,339.5	22,873.9	34,213.3	163.0	493.3	656.3
March 2016	10,682.9	23,936.6	34,619.6	167.4	558.2	725.6
Delaware						
March 2017	-	1,145.4	1,145.4	-	13.3	13.3
February 2017	-	1,057.8	1,057.8	-	11.1	11.1
March 2016	-	1,144.6	1,144.6	-	14.1	14.1
District of Columbia						
March 2017	-	154.9	154.9	-	7.1	7.1
February 2017	-	143.9	143.9	-	6.1	6.1
March 2016	-	146.4	146.4	-	7.5	7.5
Maryland						
March 2017	545.4	4,195.1	4,740.5	4.6	71.5	76.1
February 2017	528.0	4,184.3	4,712.3	3.8	74.0	77.8
March 2016	374.1	4,278.7	4,652.9	3.2	85.3	88.4
New Jersey						
March 2017	-	8,714.5	8,714.5	-	139.1	139.1
February 2017	-	8,632.5	8,632.5	-	131.0	131.0
March 2016	-	9,275.2	9,275.2	-	159.2	159.2
New York						
March 2017	5,156.6	7,173.3	12,329.9	73.5	235.0	308.5
February 2017	5,002.0	6,766.8	11,768.8	71.3	224.0	295.3
March 2016	5,426.0	6,971.3	12,397.3	74.3	238.0	312.3
Pennsylvania						
March 2017	6,189.9	2,107.3	8,297.2	93.5	49.0	142.5
February 2017	5,809.5	2,088.6	7,898.1	87.9	47.1	135.0
March 2016	4,882.8	2,120.5	7,003.3	89.9	54.2	144.1

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
United States						
March 2017	22,242.5	19,738.6	41,981.0	244,489.7	128,099.8	372,589.6
February 2017	20,965.3	18,881.4	39,846.6	235,981.5	123,404.7	359,386.3
March 2016	22,206.1	19,444.4	41,650.5	239,918.0	126,928.1	366,846.0
PAD District 1						
March 2017	7,358.6	6,569.5	13,928.1	75,690.7	48,504.8	124,195.6
February 2017	6,996.3	6,338.0	13,334.2	72,503.7	47,011.8	119,515.6
March 2016	7,581.4	6,774.8	14,356.2	75,277.0	49,324.6	124,601.6
Subdistrict 1A						
March 2017	126.2	1,711.2	1,837.4	1,857.4	15,059.5	16,916.9
February 2017	145.6	1,646.0	1,791.6	1,880.1	14,539.0	16,419.1
March 2016	114.6	1,678.5	1,793.2	1,819.2	15,172.8	16,992.0
Connecticut						
March 2017	-	513.4	513.4	-	4,000.5	4,000.5
February 2017	-	504.1	504.1	-	3,915.4	3,915.4
March 2016	-	540.9	540.9	-	4,398.2	4,398.2
Maine						
March 2017	54.1	56.9	111.0	704.1	1,171.5	1,875.6
February 2017	59.9	60.2	120.0	709.6	1,126.8	1,836.4
March 2016	45.2	50.8	96.0	707.5	1,056.1	1,763.6
Massachusetts						
March 2017	-	843.6	843.6	-	7,030.1	7,030.1
February 2017	-	800.8	800.8	-	6,768.7	6,768.7
March 2016	-	790.7	790.7	-	6,871.9	6,871.9
New Hampshire						
March 2017	19.4	100.5	119.9	330.3	1,158.3	1,488.5
February 2017	23.5	96.8	120.3	328.1	1,117.1	1,445.2
March 2016	19.0	104.2	123.2	325.3	1,192.0	1,517.3
Rhode Island						
March 2017	-	196.7	196.7	-	1,699.2	1,699.2
February 2017	-	184.2	184.2	-	1,611.1	1,611.1
March 2016	-	NA	NA	-	1,654.6	1,654.6
Vermont						
March 2017	52.7	-	52.7	823.0	-	823.0
February 2017	62.2	-	62.2	842.4	-	842.4
March 2016	50.4	-	50.4	786.4	-	786.4
Subdistrict 1B						
March 2017	959.0	4,031.8	4,990.8	13,022.5	28,037.3	41,059.8
February 2017	934.3	3,887.9	4,822.2	12,436.8	27,255.1	39,691.8
March 2016	912.5	4,272.5	5,185.0	11,762.8	28,767.4	40,530.1
Delaware						
March 2017	-	130.1	130.1	-	1,288.8	1,288.8
February 2017	-	123.1	123.1	-	1,192.1	1,192.1
March 2016	-	133.8	133.8	-	1,292.5	1,292.5
District of Columbia						
March 2017	-	33.6	33.6	-	195.5	195.5
February 2017	-	33.2	33.2	-	183.1	183.1
March 2016	-	33.5	33.5	-	187.4	187.4
Maryland						
March 2017	36.3	718.0	754.3	586.3	4,984.6	5,570.9
February 2017	34.6	737.7	772.3	566.4	4,996.0	5,562.5
March 2016	29.9	731.7	761.6	407.2	5,095.7	5,502.9
New Jersey						
March 2017	-	1,273.0	1,273.0	-	10,126.7	10,126.7
February 2017	-	1,222.5	1,222.5	-	9,986.1	9,986.1
March 2016	-	1,451.7	1,451.7	-	10,886.1	10,886.1
New York						
March 2017	426.8	1,569.0	1,995.8	5,657.0	8,977.3	14,634.2
February 2017	431.1	1,469.0	1,900.1	5,504.4	8,459.8	13,964.2
March 2016	445.3	1,588.5	2,033.8	5,945.6	8,797.8	14,743.4
Pennsylvania						
March 2017	495.8	308.1	803.9	6,779.2	2,464.4	9,243.6
February 2017	468.6	302.4	770.9	6,366.0	2,438.0	8,804.0
March 2016	437.3	333.2	770.5	5,410.0	2,507.9	7,917.9

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	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
Subdistrict 1C						
March 2017	53,270.5	4,454.6	57,725.1	1,266.9	126.9	1,393.9
February 2017	51,072.6	4,290.1	55,362.8	1,197.8	123.6	1,321.4
March 2016	53,805.1	4,449.7	58,254.8	1,335.5	111.0	1,446.5
Florida						
March 2017	18,425.1	-	18,425.1	341.1	-	341.1
February 2017	17,834.6	-	17,834.6	324.6	-	324.6
March 2016	19,483.6	-	19,483.6	363.0	-	363.0
Georgia						
March 2017	12,035.4	-	12,035.4	348.3	-	348.3
February 2017	11,359.9	-	11,359.9	323.5	-	323.5
March 2016	11,928.2	-	11,928.2	365.0	-	365.0
North Carolina						
March 2017	10,759.1	-	10,759.1	277.2	-	277.2
February 2017	10,355.7	-	10,355.7	265.4	-	265.4
March 2016	10,562.1	-	10,562.1	294.5	-	294.5
South Carolina						
March 2017	6,361.0	-	6,361.0	195.6	-	195.6
February 2017	6,106.1	-	6,106.1	186.8	-	186.8
March 2016	6,418.3	-	6,418.3	207.2	-	207.2
Virginia						
March 2017	3,814.9	4,454.6	8,269.5	76.1	126.9	203.0
February 2017	3,536.5	4,290.1	7,826.6	69.8	123.6	193.5
March 2016	3,638.8	4,449.7	8,088.5	75.4	111.0	186.3
West Virginia						
March 2017	1,874.9	-	1,874.9	28.6	-	28.6
February 2017	1,879.9	-	1,879.9	27.7	-	27.7
March 2016	1,774.1	-	1,774.1	30.6	-	30.6
PAD District 2						
March 2017	77,459.6	13,978.4	91,437.8	1,295.6	218.0	1,513.6
February 2017	75,266.7	13,507.0	88,773.7	1,255.4	211.5	1,466.9
March 2016	75,439.0	13,750.5	89,189.6	1,338.9	250.0	1,588.8
Illinois						
March 2017	4,300.8	7,408.7	11,709.5	74.5	106.6	181.1
February 2017	4,116.9	7,178.5	11,295.4	68.1	104.9	173.0
March 2016	4,259.5	7,303.1	11,562.7	80.4	118.5	198.9
Indiana						
March 2017	6,670.3	1,182.5	7,852.8	99.2	23.5	122.7
February 2017	6,755.6	1,151.6	7,907.2	90.0	22.8	112.8
March 2016	6,742.7	1,080.5	7,823.2	104.3	25.7	130.0
Iowa						
March 2017	2,553.4	-	2,553.4	81.4	-	81.4
February 2017	2,499.3	-	2,499.3	82.5	-	82.5
March 2016	2,429.4	-	2,429.4	96.2	-	96.2
Kansas						
March 2017	4,056.1	-	4,056.1	56.9	-	56.9
February 2017	3,833.1	-	3,833.1	54.8	-	54.8
March 2016	3,846.9	-	3,846.9	58.2	-	58.2
Kentucky						
March 2017	4,033.5	1,106.2	5,139.7	61.7	18.3	80.1
February 2017	3,806.4	1,031.7	4,838.1	55.7	17.0	72.7
March 2016	4,009.5	1,098.5	5,108.1	62.0	20.1	82.1
Michigan						
March 2017	11,752.0	-	11,752.0	75.9	-	75.9
February 2017	11,277.5	-	11,277.5	73.5	-	73.5
March 2016	11,187.0	-	11,187.0	81.3	-	81.3
Minnesota						
March 2017	5,563.1	-	5,563.1	163.2	-	163.2
February 2017	5,444.8	-	5,444.8	170.7	-	170.7
March 2016	5,408.3	-	5,408.3	142.2	-	142.2
Missouri						
March 2017	4,795.8	2,311.6	7,107.5	80.6	41.1	121.8
February 2017	4,541.1	2,251.3	6,792.4	78.1	39.1	117.2
March 2016	4,495.0	2,363.1	6,858.1	78.5	57.3	135.8

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	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
Subdistrict 1C						
March 2017	6,273.5	826.5	7,099.9	60,810.8	5,408.0	66,218.8
February 2017	5,916.3	804.1	6,720.4	58,186.8	5,217.9	63,404.6
March 2016	6,554.3	823.7	7,378.0	61,695.0	5,384.4	67,079.3
Florida						
March 2017	2,554.4	-	2,554.4	21,320.6	-	21,320.6
February 2017	2,431.8	-	2,431.8	20,591.0	-	20,591.0
March 2016	2,731.5	-	2,731.5	22,578.1	-	22,578.1
Georgia						
March 2017	1,512.1	-	1,512.1	13,895.9	-	13,895.9
February 2017	1,410.6	-	1,410.6	13,094.0	-	13,094.0
March 2016	1,535.4	-	1,535.4	13,828.5	-	13,828.5
North Carolina						
March 2017	1,170.5	-	1,170.5	12,206.7	-	12,206.7
February 2017	1,125.8	-	1,125.8	11,746.9	-	11,746.9
March 2016	1,204.5	-	1,204.5	12,061.1	-	12,061.1
South Carolina						
March 2017	636.7	-	636.7	7,193.3	-	7,193.3
February 2017	584.4	-	584.4	6,877.3	-	6,877.3
March 2016	664.9	-	664.9	7,290.3	-	7,290.3
Virginia						
March 2017	303.6	826.5	1,130.1	4,194.6	5,408.0	9,602.6
February 2017	277.6	804.1	1,081.7	3,884.0	5,217.9	9,101.8
March 2016	324.0	823.7	1,147.7	4,038.1	5,384.4	9,422.5
West Virginia						
March 2017	96.2	-	96.2	1,999.8	-	1,999.8
February 2017	86.0	-	86.0	1,993.5	-	1,993.5
March 2016	94.1	-	94.1	1,898.7	-	1,898.7
PAD District 2						
March 2017	5,644.5	1,532.1	7,176.6	84,399.7	15,728.5	100,128.2
February 2017	5,398.0	1,479.2	6,877.3	81,920.2	15,197.7	97,117.8
March 2016	5,547.7	1,534.6	7,082.4	82,325.6	15,535.2	97,860.7
Illinois						
March 2017	204.7	971.2	1,175.9	4,580.1	8,486.5	13,066.6
February 2017	186.4	936.9	1,123.3	4,371.4	8,220.3	12,591.7
March 2016	204.5	978.1	1,182.5	4,544.4	8,399.7	12,944.1
Indiana						
March 2017	414.8	106.3	521.1	7,184.3	1,312.3	8,496.6
February 2017	388.0	108.0	496.0	7,233.6	1,282.4	8,516.0
March 2016	417.5	102.0	519.6	7,264.5	1,208.2	8,472.7
Iowa						
March 2017	288.9	-	288.9	2,923.6	-	2,923.6
February 2017	273.0	-	273.0	2,854.8	-	2,854.8
March 2016	292.3	-	292.3	2,817.8	-	2,817.8
Kansas						
March 2017	312.4	-	312.4	4,425.3	-	4,425.3
February 2017	298.1	-	298.1	4,185.9	-	4,185.9
March 2016	294.2	-	294.2	4,199.3	-	4,199.3
Kentucky						
March 2017	236.1	95.1	331.2	4,331.4	1,219.6	5,551.0
February 2017	216.8	87.1	303.9	4,078.9	1,135.8	5,214.7
March 2016	232.5	98.6	331.1	4,304.0	1,217.3	5,521.4
Michigan						
March 2017	631.7	-	631.7	12,459.6	-	12,459.6
February 2017	628.3	-	628.3	11,979.3	-	11,979.3
March 2016	628.9	-	628.9	11,897.1	-	11,897.1
Minnesota						
March 2017	409.4	-	409.4	6,135.7	-	6,135.7
February 2017	413.8	-	413.8	6,029.3	-	6,029.3
March 2016	400.5	-	400.5	5,951.0	-	5,951.0
Missouri						
March 2017	334.0	206.5	540.5	5,210.5	2,559.3	7,769.8
February 2017	307.7	199.9	507.5	4,926.9	2,490.3	7,417.2
March 2016	321.1	209.8	530.8	4,894.6	2,630.2	7,524.8

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						
March 2017	1,862.9	-	1,862.9	45.3	-	45.3
February 2017	1,762.8	-	1,762.8	40.5	-	40.5
March 2016	1,801.1	-	1,801.1	51.6	-	51.6
North Dakota						
March 2017	908.8	-	908.8	35.8	-	35.8
February 2017	876.4	-	876.4	35.4	-	35.4
March 2016	845.9	-	845.9	34.2	-	34.2
Ohio						
March 2017	11,933.4	-	11,933.4	165.3	-	165.3
February 2017	11,492.9	-	11,492.9	159.4	-	159.4
March 2016	11,522.1	-	11,522.1	174.5	-	174.5
Oklahoma						
March 2017	4,967.1	-	4,967.1	67.3	-	67.3
February 2017	5,365.3	-	5,365.3	66.4	-	66.4
March 2016	5,226.4	-	5,226.4	68.6	-	68.6
South Dakota						
March 2017	966.4	-	966.4	30.6	-	30.6
February 2017	919.4	-	919.4	29.5	-	29.5
March 2016	916.5	-	916.5	33.5	-	33.5
Tennessee						
March 2017	8,650.6	-	8,650.6	190.5	-	190.5
February 2017	8,199.8	-	8,199.8	182.0	-	182.0
March 2016	8,465.7	-	8,465.7	208.3	-	208.3
Wisconsin						
March 2017	4,445.3	1,969.4	6,414.7	67.4	28.4	95.8
February 2017	4,375.7	1,893.8	6,269.5	68.8	27.7	96.5
March 2016	4,283.0	1,905.3	6,188.3	65.0	28.4	93.4
PAD District 3						
March 2017	45,180.6	15,144.4	60,325.0	767.7	326.3	1,093.9
February 2017	44,510.8	14,824.0	59,334.8	720.0	321.4	1,041.4
March 2016	44,157.1	14,429.9	58,587.1	660.9	310.5	971.5
Alabama						
March 2017	6,085.4	-	6,085.4	93.6	-	93.6
February 2017	5,789.2	-	5,789.2	86.3	-	86.3
March 2016	5,900.6	-	5,900.6	118.5	-	118.5
Arkansas						
March 2017	3,601.7	-	3,601.7	48.4	-	48.4
February 2017	3,355.3	-	3,355.3	45.8	-	45.8
March 2016	3,608.0	-	3,608.0	56.1	-	56.1
Louisiana						
March 2017	7,004.0	-	7,004.0	67.0	-	67.0
February 2017	6,681.3	-	6,681.3	64.6	-	64.6
March 2016	7,147.6	-	7,147.6	82.3	-	82.3
Mississippi						
March 2017	4,591.3	-	4,591.3	66.0	-	66.0
February 2017	4,261.0	-	4,261.0	60.1	-	60.1
March 2016	4,192.5	-	4,192.5	70.8	-	70.8
New Mexico						
March 2017	2,354.2	-	2,354.2	92.9	-	92.9
February 2017	2,178.0	-	2,178.0	87.0	-	87.0
March 2016	2,299.2	-	2,299.2	86.2	-	86.2
Texas						
March 2017	21,544.0	15,144.4	36,688.3	399.8	326.3	726.1
February 2017	22,246.1	14,824.0	37,070.1	376.4	321.4	697.8
March 2016	21,009.3	14,429.9	35,439.1	247.1	310.5	557.6

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
PAD District 2 (cont.)						
Nebraska						
March 2017	227.4	-	227.4	2,135.6	-	2,135.6
February 2017	209.3	-	209.3	2,012.6	-	2,012.6
March 2016	214.8	-	214.8	2,067.5	-	2,067.5
North Dakota						
March 2017	86.0	-	86.0	1,030.7	-	1,030.7
February 2017	81.7	-	81.7	993.4	-	993.4
March 2016	90.9	-	90.9	971.0	-	971.0
Ohio						
March 2017	786.8	-	786.8	12,885.4	-	12,885.4
February 2017	770.4	-	770.4	12,422.7	-	12,422.7
March 2016	794.8	-	794.8	12,491.5	-	12,491.5
Oklahoma						
March 2017	460.7	-	460.7	5,495.1	-	5,495.1
February 2017	422.6	-	422.6	5,854.3	-	5,854.3
March 2016	441.3	-	441.3	5,736.3	-	5,736.3
South Dakota						
March 2017	94.6	-	94.6	1,091.5	-	1,091.5
February 2017	83.6	-	83.6	1,032.5	-	1,032.5
March 2016	86.3	-	86.3	1,036.4	-	1,036.4
Tennessee						
March 2017	880.7	-	880.7	9,721.8	-	9,721.8
February 2017	814.3	-	814.3	9,196.0	-	9,196.0
March 2016	855.9	-	855.9	9,529.9	-	9,529.9
Wisconsin						
March 2017	276.5	153.0	429.4	4,789.1	2,150.8	6,939.9
February 2017	304.1	147.4	451.5	4,748.6	2,068.9	6,817.5
March 2016	272.2	146.1	418.4	4,620.2	2,079.8	6,700.0
PAD District 3						
March 2017	3,915.7	2,184.5	6,100.2	49,864.0	17,655.1	67,519.1
February 2017	3,538.4	2,133.1	5,671.6	48,769.3	17,278.6	66,047.8
March 2016	3,835.5	2,174.9	6,010.4	48,653.6	16,915.3	65,568.8
Alabama						
March 2017	541.4	-	541.4	6,720.4	-	6,720.4
February 2017	492.2	-	492.2	6,367.7	-	6,367.7
March 2016	555.4	-	555.4	6,574.5	-	6,574.5
Arkansas						
March 2017	278.7	-	278.7	3,928.8	-	3,928.8
February 2017	249.3	-	249.3	3,650.4	-	3,650.4
March 2016	271.5	-	271.5	3,935.5	-	3,935.5
Louisiana						
March 2017	578.3	-	578.3	7,649.4	-	7,649.4
February 2017	546.0	-	546.0	7,291.9	-	7,291.9
March 2016	588.1	-	588.1	7,818.0	-	7,818.0
Mississippi						
March 2017	419.5	-	419.5	5,076.7	-	5,076.7
February 2017	322.2	-	322.2	4,643.3	-	4,643.3
March 2016	316.6	-	316.6	4,580.0	-	4,580.0
New Mexico						
March 2017	287.3	-	287.3	2,734.3	-	2,734.3
February 2017	268.9	-	268.9	2,533.8	-	2,533.8
March 2016	297.6	-	297.6	2,683.1	-	2,683.1
Texas						
March 2017	1,810.6	2,184.5	3,995.1	23,754.5	17,655.1	41,409.5
February 2017	1,659.8	2,133.1	3,792.9	24,282.1	17,278.6	41,560.8
March 2016	1,806.2	2,174.9	3,981.1	23,062.5	16,915.3	39,977.8

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 4						
March 2017	11,728.4	-	11,728.4	304.8	-	304.8
February 2017	11,143.6	-	11,143.6	297.6	-	297.6
March 2016	11,053.9	-	11,053.9	333.8	-	333.8
Colorado						
March 2017	5,024.2	-	5,024.2	139.8	-	139.8
February 2017	4,757.2	-	4,757.2	135.7	-	135.7
March 2016	4,407.0	-	4,407.0	148.4	-	148.4
Idaho						
March 2017	1,659.5	-	1,659.5	16.4	-	16.4
February 2017	1,589.8	-	1,589.8	24.4	-	24.4
March 2016	1,616.9	-	1,616.9	26.6	-	26.6
Montana						
March 2017	1,468.8	-	1,468.8	68.0	-	68.0
February 2017	1,372.7	-	1,372.7	63.8	-	63.8
March 2016	1,478.4	-	1,478.4	72.7	-	72.7
Utah						
March 2017	2,825.4	-	2,825.4	61.2	-	61.2
February 2017	2,728.4	-	2,728.4	57.5	-	57.5
March 2016	2,850.8	-	2,850.8	67.2	-	67.2
Wyoming						
March 2017	750.5	-	750.5	19.5	-	19.5
February 2017	695.6	-	695.6	16.2	-	16.2
March 2016	700.7	-	700.7	18.9	-	18.9
PAD District 5						
March 2017	16,799.9	35,674.3	52,474.3	378.6	1,084.7	1,463.3
February 2017	15,958.6	33,940.3	49,899.0	356.0	1,045.1	1,401.1
March 2016	16,661.0	35,074.0	51,735.0	371.7	1,118.9	1,490.6
Alaska						
March 2017	616.2	-	616.2	W	-	W
February 2017	584.1	-	584.1	W	-	W
March 2016	595.6	-	595.6	9.5	-	9.5
Arizona						
March 2017	2,818.1	4,825.5	7,643.6	W	W	153.3
February 2017	2,746.8	4,488.3	7,235.1	W	W	145.4
March 2016	W	W	7,463.1	64.3	99.7	164.0
California						
March 2017	-	30,848.8	30,848.8	-	W	989.2
February 2017	-	29,452.1	29,452.1	-	W	955.6
March 2016	-	30,465.1	30,465.1	-	1,019.2	1,019.2
Hawaii						
March 2017	978.1	-	978.1	W	-	W
February 2017	955.0	-	955.0	W	-	W
March 2016	958.5	-	958.5	64.2	-	64.2
Nevada						
March 2017	2,449.4	-	2,449.4	95.0	-	95.0
February 2017	2,282.7	-	2,282.7	87.9	-	87.9
March 2016	W	W	2,391.6	90.8	-	90.8
Oregon						
March 2017	3,753.6	-	3,753.6	33.8	-	33.8
February 2017	3,564.4	-	3,564.4	32.1	-	32.1
March 2016	3,642.6	-	3,642.6	36.5	-	36.5
Washington						
March 2017	6,184.4	-	6,184.4	103.0	-	103.0
February 2017	5,825.7	-	5,825.7	95.8	-	95.8
March 2016	6,218.4	-	6,218.4	106.4	-	106.4

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	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 4						
March 2017	2,412.2	-	2,412.2	14,445.4	-	14,445.4
February 2017	2,280.8	-	2,280.8	13,722.0	-	13,722.0
March 2016	2,311.9	-	2,311.9	13,699.6	-	13,699.6
Colorado						
March 2017	1,017.5	-	1,017.5	6,181.5	-	6,181.5
February 2017	942.1	-	942.1	5,835.0	-	5,835.0
March 2016	886.9	-	886.9	5,442.4	-	5,442.4
Idaho						
March 2017	256.0	-	256.0	1,931.8	-	1,931.8
February 2017	243.1	-	243.1	1,857.3	-	1,857.3
March 2016	266.8	-	266.8	1,910.3	-	1,910.3
Montana						
March 2017	274.1	-	274.1	1,810.8	-	1,810.8
February 2017	260.6	-	260.6	1,697.1	-	1,697.1
March 2016	288.1	-	288.1	1,839.2	-	1,839.2
Utah						
March 2017	720.5	-	720.5	3,607.1	-	3,607.1
February 2017	699.6	-	699.6	3,485.5	-	3,485.5
March 2016	742.1	-	742.1	3,660.1	-	3,660.1
Wyoming						
March 2017	144.1	-	144.1	914.1	-	914.1
February 2017	135.4	-	135.4	847.1	-	847.1
March 2016	128.1	-	128.1	847.6	-	847.6
PAD District 5						
March 2017	2,911.4	9,452.5	12,364.0	20,089.9	46,211.6	66,301.5
February 2017	2,751.7	8,931.0	11,682.8	19,066.4	43,916.5	62,982.8
March 2016	2,929.5	8,960.1	11,889.6	19,962.1	45,153.0	65,115.1
Alaska						
March 2017	W	-	W	701.2	-	701.2
February 2017	W	-	W	664.0	-	664.0
March 2016	72.9	-	72.9	678.1	-	678.1
Arizona						
March 2017	W	W	1,048.8	W	W	8,845.7
February 2017	W	W	977.9	W	W	8,358.3
March 2016	359.5	651.5	1,011.0	W	W	8,638.1
California						
March 2017	-	W	8,734.8	-	40,572.8	40,572.8
February 2017	-	W	8,271.9	-	38,679.6	38,679.6
March 2016	-	8,308.6	8,308.6	-	39,792.8	39,792.8
Hawaii						
March 2017	W	-	W	1,322.1	-	1,322.1
February 2017	W	-	W	1,263.5	-	1,263.5
March 2016	263.1	-	263.1	1,285.9	-	1,285.9
Nevada						
March 2017	W	W	614.8	W	W	3,159.3
February 2017	W	W	581.0	W	W	2,951.6
March 2016	564.3	-	564.3	W	W	3,046.7
Oregon						
March 2017	473.8	-	473.8	4,261.3	-	4,261.3
February 2017	464.5	-	464.5	4,060.9	-	4,060.9
March 2016	488.8	-	488.8	4,167.9	-	4,167.9
Washington						
March 2017	1,151.6	-	1,151.6	7,439.0	-	7,439.0
February 2017	1,083.5	-	1,083.5	7,004.9	-	7,004.9
March 2016	1,180.9	-	1,180.9	7,505.6	-	7,505.6

- = 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 2016 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		Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%	
United States							
March 2017	396.9	59,699.6	316.4	33,899.6	1,162.9	10,129.9	11,292.8
February 2017	339.4	57,074.0	W	38,271.0	1,541.8	9,919.2	11,461.0
March 2016	405.0	56,557.1	W	31,072.4	1,455.3	12,415.0	13,870.3
PAD District 1							
March 2017	126.7	15,448.4	W	9,439.2	219.4	3,294.5	3,514.0
February 2017	120.3	14,569.8	W	10,033.3	647.8	3,831.7	4,479.5
March 2016	134.8	13,713.2	W	7,577.5	W	W	4,496.2
Subdistrict 1A							
March 2017	9.0	1,355.9	W	2,429.5	W	W	62.6
February 2017	11.3	1,251.9	W	2,765.7	W	W	141.6
March 2016	11.2	1,373.7	W	1,811.8	W	W	87.3
Connecticut							
March 2017	W	161.1	W	250.5	W	-	W
February 2017	1.5	150.5	-	269.3	W	-	W
March 2016	1.8	165.9	W	140.6	W	-	W
Maine							
March 2017	1.5	85.7	W	591.9	W	W	13.0
February 2017	W	81.1	W	661.9	W	W	17.4
March 2016	1.9	85.6	W	444.3	W	W	44.4
Massachusetts							
March 2017	4.6	963.1	W	518.3	W	-	W
February 2017	5.0	895.4	W	615.7	W	-	W
March 2016	5.4	991.2	W	403.4	W	W	W
New Hampshire							
March 2017	1.6	57.0	W	617.5	W	W	W
February 2017	1.4	47.0	W	683.0	W	W	W
March 2016	W	36.6	W	448.6	W	W	W
Rhode Island							
March 2017	W	68.5	W	70.4	W	-	W
February 2017	W	58.3	W	96.6	W	-	W
March 2016	W	73.5	W	32.5	W	-	W
Vermont							
March 2017	W	20.4	W	380.9	W	-	W
February 2017	W	19.5	W	439.1	W	W	W
March 2016	W	20.9	W	342.4	W	-	W
Subdistrict 1B							
March 2017	15.0	8,445.2	W	3,650.5	W	W	1,963.2
February 2017	18.8	8,373.9	W	3,930.4	W	W	2,828.9
March 2016	24.0	7,290.8	W	2,940.5	318.6	2,578.5	2,897.0
Delaware							
March 2017	W	W	-	W	W	-	W
February 2017	W	W	-	W	W	-	W
March 2016	W	W	-	W	W	98.8	W
District of Columbia							
March 2017	-	W	-	W	-	-	-
February 2017	-	W	-	W	-	-	-
March 2016	-	W	-	W	-	-	-
Maryland							
March 2017	2.6	131.9	-	356.3	-	-	-
February 2017	W	125.9	-	496.7	-	-	-
March 2016	4.7	184.1	-	345.4	-	W	W
New Jersey							
March 2017	W	2,784.9	-	299.5	W	W	1,040.7
February 2017	3.8	2,991.4	-	312.0	W	W	1,602.2
March 2016	W	3,021.8	-	227.2	W	W	1,523.0
New York							
March 2017	4.8	3,299.1	W	1,393.2	W	W	832.1
February 2017	5.6	3,317.3	W	1,414.8	W	W	982.8
March 2016	6.5	3,244.0	W	1,225.4	W	W	761.0
Pennsylvania							
March 2017	4.8	2,218.1	-	1,415.0	W	W	W
February 2017	5.9	1,929.9	-	1,475.0	W	W	W
March 2016	8.8	830.0	-	1,002.6	W	W	411.4

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		Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%	
Subdistrict 1C							
March 2017	102.7	5,647.3	-	3,359.2	-	1,488.2	1,488.2
February 2017	90.3	4,943.9	-	3,337.3	-	1,508.9	1,508.9
March 2016	99.7	5,048.7	-	2,825.3	W	W	1,511.9
Florida							
March 2017	61.6	3,494.2	-	684.9	-	1,166.1	1,166.1
February 2017	57.1	3,132.9	-	632.0	-	1,096.3	1,096.3
March 2016	61.5	3,029.1	-	606.0	W	W	1,080.6
Georgia							
March 2017	16.5	556.1	-	513.3	-	W	W
February 2017	11.3	429.1	-	498.6	-	W	W
March 2016	14.2	601.5	-	422.3	-	W	W
North Carolina							
March 2017	10.9	310.6	-	1,005.0	-	W	W
February 2017	9.4	234.3	-	967.0	-	W	W
March 2016	10.2	320.6	-	826.1	-	24.0	24.0
South Carolina							
March 2017	6.6	182.4	-	551.0	-	W	W
February 2017	5.4	158.3	-	517.5	-	W	W
March 2016	W	202.6	-	449.5	W	W	W
Virginia							
March 2017	5.8	1,085.2	-	502.7	-	W	W
February 2017	6.3	970.9	-	610.9	-	W	W
March 2016	6.1	875.1	-	442.7	-	W	W
West Virginia							
March 2017	1.3	18.8	-	102.4	-	-	-
February 2017	0.9	18.5	-	111.3	-	-	-
March 2016	W	19.8	-	78.7	-	-	-
PAD District 2							
March 2017	84.4	9,895.3	W	9,079.5	-	W	W
February 2017	70.7	9,986.8	W	10,294.2	-	W	W
March 2016	79.9	9,898.2	W	7,933.7	-	W	W
Illinois							
March 2017	7.7	2,830.0	-	945.7	-	-	-
February 2017	5.9	2,640.2	-	913.3	-	-	-
March 2016	6.8	2,755.0	-	951.0	-	-	-
Indiana							
March 2017	7.1	825.2	-	559.3	-	W	W
February 2017	6.1	828.9	-	607.9	-	W	W
March 2016	5.5	757.9	-	423.8	-	W	W
Iowa							
March 2017	2.5	95.6	-	778.1	-	-	-
February 2017	2.8	87.4	-	779.5	-	-	-
March 2016	3.5	99.0	-	729.8	-	-	-
Kansas							
March 2017	6.7	128.6	-	531.4	-	-	-
February 2017	5.0	132.5	-	878.9	-	-	-
March 2016	4.4	175.5	-	696.0	-	-	-
Kentucky							
March 2017	4.6	1,055.5	W	440.2	-	W	W
February 2017	3.2	1,241.6	W	397.9	-	W	W
March 2016	2.7	1,134.5	W	271.2	-	W	W
Michigan							
March 2017	5.1	460.5	-	1,155.5	-	W	W
February 2017	4.4	493.7	-	1,234.5	-	W	W
March 2016	5.3	373.5	-	936.4	-	W	W
Minnesota							
March 2017	8.0	379.2	-	755.7	-	W	W
February 2017	4.1	376.1	-	1,032.1	-	W	W
March 2016	6.4	520.5	-	636.3	-	W	W
Missouri							
March 2017	7.2	281.9	-	681.6	-	-	-
February 2017	7.1	275.8	-	844.9	-	-	-
March 2016	7.8	315.9	-	645.6	-	-	-

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		Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%	
PAD District 2 (cont.)							
Nebraska							
March 2017	2.8	138.8	-	240.1	-	-	-
February 2017	3.8	125.5	-	249.3	-	-	-
March 2016	5.2	124.9	-	213.1	-	-	-
North Dakota							
March 2017	3.7	109.0	-	435.3	-	-	-
February 2017	3.5	102.5	-	497.1	-	-	-
March 2016	3.8	91.9	-	267.0	-	-	-
Ohio							
March 2017	10.2	1,164.3	-	774.3	-	-	-
February 2017	6.7	1,116.1	-	874.3	-	-	-
March 2016	5.7	1,068.3	-	659.8	-	W	W
Oklahoma							
March 2017	6.4	918.7	-	229.1	-	-	-
February 2017	4.8	1,070.6	-	207.8	-	-	-
March 2016	7.6	949.2	-	206.5	-	-	-
South Dakota							
March 2017	1.7	47.5	-	189.4	-	W	W
February 2017	1.4	48.9	-	203.9	-	W	W
March 2016	1.7	98.4	-	157.4	-	W	W
Tennessee							
March 2017	8.1	1,314.0	-	264.3	-	W	W
February 2017	7.1	1,285.8	-	318.9	-	W	W
March 2016	9.0	1,265.9	-	251.8	-	-	-
Wisconsin							
March 2017	2.6	146.5	-	1,099.4	-	W	W
February 2017	5.0	161.3	-	1,253.8	-	W	W
March 2016	4.5	167.7	-	888.0	-	W	W
PAD District 3							
March 2017	78.4	13,623.6	-	11,240.4	W	W	2,679.9
February 2017	63.6	12,426.9	-	13,207.2	W	W	2,860.7
March 2016	74.1	14,180.7	-	11,632.8	W	W	4,765.1
Alabama							
March 2017	8.1	NA	-	266.2	-	W	W
February 2017	5.6	305.9	-	267.0	-	79.9	79.9
March 2016	8.2	300.9	-	267.7	W	48.6	W
Arkansas							
March 2017	6.7	160.4	-	172.7	-	-	-
February 2017	3.6	132.3	-	214.7	W	-	W
March 2016	6.4	119.9	-	170.8	-	-	-
Louisiana							
March 2017	7.2	2,274.6	-	941.1	-	517.7	517.7
February 2017	7.0	2,917.9	-	852.6	W	W	752.1
March 2016	5.8	3,176.9	-	2,231.0	-	660.3	660.3
Mississippi							
March 2017	3.9	1,999.5	-	331.8	-	W	W
February 2017	4.3	1,579.1	-	223.5	-	W	W
March 2016	3.6	1,577.6	-	237.4	-	W	W
New Mexico							
March 2017	5.2	130.1	-	135.0	-	-	-
February 2017	3.4	113.8	-	210.4	-	-	-
March 2016	3.9	109.2	-	184.6	-	-	-
Texas							
March 2017	47.3	8,734.1	-	9,393.7	W	W	2,032.0
February 2017	39.8	7,378.0	-	11,439.0	W	W	1,974.6
March 2016	46.3	8,896.3	-	8,541.4	W	W	3,956.6

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		Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%	
PAD District 4							
March 2017	22.9	1,934.2	W	1,012.1	-	W	W
February 2017	19.5	1,681.5	W	1,257.0	-	W	W
March 2016	26.5	1,681.3	-	1,043.7	W	-	W
Colorado							
March 2017	7.9	953.8	-	338.2	-	-	-
February 2017	7.1	900.7	-	407.3	-	-	-
March 2016	8.6	914.4	-	361.4	-	-	-
Idaho							
March 2017	3.9	85.0	-	107.6	-	-	-
February 2017	W	76.8	-	138.1	-	-	-
March 2016	3.4	83.7	-	99.3	-	-	-
Montana							
March 2017	3.9	104.3	-	205.1	-	-	-
February 2017	3.3	92.1	-	277.1	-	-	-
March 2016	6.4	85.7	-	194.1	-	-	-
Utah							
March 2017	5.3	697.6	W	149.3	-	W	W
February 2017	4.8	522.5	W	140.4	-	-	-
March 2016	5.3	548.7	-	158.9	-	-	-
Wyoming							
March 2017	2.0	93.4	-	211.8	-	W	W
February 2017	W	89.5	-	294.1	-	W	W
March 2016	2.8	48.9	-	230.0	W	-	W
PAD District 5							
March 2017	84.5	18,798.1	-	3,128.4	W	W	5,056.5
February 2017	65.3	18,409.0	-	3,479.4	W	W	4,081.4
March 2016	89.6	17,083.8	-	2,884.6	854.6	3,700.5	4,555.1
Alaska							
March 2017	W	1,782.0	-	W	-	-	-
February 2017	W	1,611.4	-	W	-	-	-
March 2016	W	1,650.4	-	W	-	-	-
Arizona							
March 2017	19.8	494.3	-	397.7	-	-	-
February 2017	15.3	458.2	-	376.2	-	-	-
March 2016	26.9	442.4	-	256.0	-	-	-
California							
March 2017	44.3	11,941.3	-	1,510.2	W	W	2,651.6
February 2017	34.8	11,825.3	-	1,790.3	W	W	2,071.6
March 2016	39.3	10,972.7	-	1,631.2	W	W	2,593.1
Hawaii							
March 2017	W	1,414.3	-	W	W	W	1,333.0
February 2017	W	1,261.1	-	W	W	191.6	W
March 2016	W	1,255.4	-	W	W	W	1,017.8
Nevada							
March 2017	3.9	658.9	-	173.9	-	-	-
February 2017	W	574.4	-	181.5	-	-	-
March 2016	4.8	560.2	-	96.6	-	-	-
Oregon							
March 2017	6.8	405.8	-	182.5	-	-	-
February 2017	6.1	349.8	-	188.6	-	-	-
March 2016	8.5	445.9	-	161.8	-	-	-
Washington							
March 2017	6.0	2,101.6	-	803.2	-	1,072.0	1,072.0
February 2017	4.3	2,328.9	-	882.2	-	W	W
March 2016	6.7	1,756.7	-	700.2	-	944.3	944.3

- = 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 2016 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	No. 2 distillate							Total distillate and kerosene
	Kerosene	No. 1 distillate	No. 2 fuel oil	No. 2 diesel fuel			No. 2 distillate	
				Ultra-low sulfur	Low-sulfur	High-sulfur		
United States								
March 2017	874.4	1,145.8	13,443.3	157,325.0	W	W	171,766.4	174,103.0
February 2017	W	2,068.7	13,931.2	145,438.4	54.0	1,053.5	160,477.2	164,102.9
March 2016	W	898.2	10,652.1	147,493.7	W	W	158,951.5	160,802.2
PAD District 1								
March 2017	373.1	W	13,102.6	40,336.3	-	175.2	53,614.3	54,362.3
February 2017	583.7	W	13,449.3	37,991.5	-	198.0	51,638.8	52,567.5
March 2016	307.1	W	10,503.3	38,589.3	-	192.2	49,284.8	49,793.8
Subdistrict 1A								
March 2017	153.6	W	6,681.2	W	-	W	9,933.6	10,131.2
February 2017	186.9	W	6,895.0	W	-	W	10,180.7	10,434.9
March 2016	117.5	W	5,236.4	W	-	W	8,360.6	8,516.8
Connecticut								
March 2017	W	3.6	1,580.6	700.3	-	-	2,280.9	2,288.7
February 2017	4.6	15.0	1,670.5	661.3	-	-	2,331.8	2,351.4
March 2016	W	W	1,193.5	811.2	-	-	2,004.6	2,013.9
Maine								
March 2017	109.0	W	1,304.4	W	-	W	1,878.5	1,989.6
February 2017	129.8	W	1,386.4	W	-	W	2,009.7	2,144.5
March 2016	81.8	W	1,082.3	W	-	W	1,597.1	1,682.9
Massachusetts								
March 2017	7.5	W	1,960.4	1,100.1	-	-	3,060.5	3,076.7
February 2017	11.0	W	1,960.0	1,131.3	-	-	3,091.3	3,112.8
March 2016	4.9	W	1,380.5	1,001.5	-	-	2,382.0	2,395.7
New Hampshire								
March 2017	22.0	W	837.9	315.9	-	-	1,153.7	1,185.7
February 2017	26.6	W	875.3	318.3	-	-	1,193.5	1,231.3
March 2016	18.3	W	628.2	324.1	-	-	952.2	975.0
Rhode Island								
March 2017	W	W	605.5	383.7	-	-	989.3	993.9
February 2017	0.8	W	625.1	366.3	-	-	991.5	997.5
March 2016	W	W	620.0	NA	-	-	925.0	927.0
Vermont								
March 2017	10.5	W	392.5	178.3	-	-	570.8	596.5
February 2017	14.1	W	377.8	185.2	-	-	563.0	597.4
March 2016	8.8	W	331.9	167.6	-	-	499.5	522.2
Subdistrict 1B								
March 2017	165.9	W	6,311.9	13,571.6	-	110.1	19,993.5	20,482.6
February 2017	277.5	W	6,469.3	12,512.9	-	139.6	19,121.9	19,622.6
March 2016	133.9	W	5,194.3	12,851.5	-	117.7	18,163.5	18,444.1
Delaware								
March 2017	W	-	W	W	-	-	W	330.2
February 2017	W	-	W	232.5	-	W	W	292.8
March 2016	W	-	W	240.3	-	W	W	277.6
District of Columbia								
March 2017	-	-	W	W	-	-	53.7	53.7
February 2017	W	-	W	W	-	-	W	52.6
March 2016	-	-	W	W	-	-	45.8	45.8
Maryland								
March 2017	W	-	334.6	1,769.7	-	W	W	2,119.1
February 2017	13.6	-	392.0	W	-	W	2,047.0	2,060.5
March 2016	6.7	-	329.3	1,512.0	-	-	1,841.3	1,848.0
New Jersey								
March 2017	11.2	-	1,455.0	W	-	W	4,655.4	4,666.5
February 2017	53.4	-	1,495.6	W	-	W	4,466.0	4,519.4
March 2016	W	-	1,354.8	3,272.6	-	W	W	4,677.0
New York								
March 2017	82.1	W	2,796.7	W	-	W	6,130.5	6,535.5
February 2017	145.6	W	2,805.8	W	-	W	5,917.4	6,285.4
March 2016	88.1	W	2,314.0	W	-	W	5,387.1	5,621.6
Pennsylvania								
March 2017	W	W	1,670.1	W	-	W	6,722.2	6,777.5
February 2017	62.2	0.9	1,712.5	W	-	W	6,348.9	6,412.0
March 2016	22.5	0.3	1,157.6	W	-	W	5,951.4	5,974.2

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	No. 2 distillate							Total distillate and kerosene
	Kerosene	No. 1 distillate	No. 2 fuel oil	No. 2 diesel fuel			No. 2 distillate	
				Ultra-low sulfur	Low-sulfur	High-sulfur		
Subdistrict 1C								
March 2017	53.5	7.8	109.6	W	-	W	23,687.1	23,748.5
February 2017	119.3	54.4	84.9	W	-	W	22,336.1	22,509.9
March 2016	55.7	16.5	72.6	W	-	W	22,760.6	22,832.9
Florida								
March 2017	W	W	-	W	-	W	6,571.2	6,571.6
February 2017	W	-	-	6,129.3	-	W	W	6,178.5
March 2016	W	W	-	W	-	W	6,476.5	6,476.8
Georgia								
March 2017	W	W	-	W	-	W	4,882.5	4,884.1
February 2017	W	W	-	W	-	W	4,628.6	4,630.7
March 2016	W	W	-	W	-	W	4,937.7	4,939.2
North Carolina								
March 2017	W	W	W	3,977.1	-	W	4,016.2	4,045.3
February 2017	W	W	W	3,794.4	-	W	3,832.1	3,857.9
March 2016	W	W	W	W	-	-	3,724.1	3,744.4
South Carolina								
March 2017	6.1	-	W	3,123.7	-	W	3,125.6	3,131.7
February 2017	5.0	-	-	W	-	W	2,869.5	2,874.6
March 2016	2.8	-	-	W	-	W	2,927.5	2,930.3
Virginia								
March 2017	W	W	58.6	W	-	W	3,915.0	3,931.3
February 2017	W	W	33.2	W	-	W	3,687.6	3,817.6
March 2016	W	W	57.7	W	-	W	3,805.1	3,848.0
West Virginia								
March 2017	4.6	3.2	W	W	-	-	1,176.6	1,184.4
February 2017	6.1	W	W	W	-	-	W	1,150.7
March 2016	2.6	1.9	W	W	-	-	889.8	894.3
PAD District 2								
March 2017	W	526.8	37.7	W	-	W	49,395.3	50,039.8
February 2017	158.4	W	33.6	W	-	W	45,362.0	46,715.8
March 2016	W	262.7	52.4	W	W	-	45,939.8	46,251.8
Illinois								
March 2017	W	W	-	5,908.2	-	-	5,908.2	5,937.2
February 2017	3.3	58.5	-	5,464.8	-	-	5,464.8	5,526.6
March 2016	W	W	-	5,686.8	-	-	5,686.8	5,728.6
Indiana								
March 2017	W	W	W	W	-	-	4,841.4	4,855.7
February 2017	12.3	18.9	W	W	-	-	4,338.0	4,369.2
March 2016	6.5	12.2	-	4,395.8	-	-	4,395.8	4,414.4
Iowa								
March 2017	0.7	26.8	W	W	-	-	2,754.9	2,782.4
February 2017	2.0	116.1	W	W	-	-	2,227.6	2,345.8
March 2016	-	16.1	-	2,697.5	-	-	2,697.5	2,713.6
Kansas								
March 2017	W	W	-	3,082.7	-	-	3,082.7	3,109.4
February 2017	W	W	-	3,058.3	-	-	3,058.3	3,151.3
March 2016	-	20.7	-	2,622.3	-	-	2,622.3	2,643.0
Kentucky								
March 2017	12.8	W	W	W	-	-	2,621.3	2,650.0
February 2017	14.3	W	-	2,510.7	-	-	2,510.7	2,537.0
March 2016	W	W	W	W	-	-	2,704.7	2,714.2
Michigan								
March 2017	11.3	12.5	W	2,833.6	-	W	2,835.0	2,858.8
February 2017	W	W	W	W	-	W	2,715.8	2,755.9
March 2016	W	W	W	W	-	-	2,722.5	2,739.9
Minnesota								
March 2017	W	W	W	W	-	-	2,379.1	2,530.9
February 2017	W	W	W	W	-	-	2,091.3	2,413.9
March 2016	W	W	W	W	-	-	2,212.0	2,269.5
Missouri								
March 2017	0.4	5.1	W	W	-	-	3,662.0	3,667.5
February 2017	0.8	18.9	W	W	-	-	3,571.3	3,591.0
March 2016	0.2	7.9	W	W	-	-	3,466.9	3,475.0

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	No. 2 distillate							Total distillate and kerosene
	Kerosene	No. 1 distillate	No. 2 fuel oil	No. 2 diesel fuel			No. 2 distillate	
				Ultra-low sulfur	Low-sulfur	High-sulfur		
PAD District 2 (cont.)								
Nebraska								
March 2017	-	17.1	W	W	-	-	2,146.3	2,163.4
February 2017	W	W	-	1,652.0	-	-	1,652.0	1,735.7
March 2016	-	10.9	W	W	-	-	1,989.3	2,000.2
North Dakota								
March 2017	W	W	W	W	-	-	1,533.2	1,764.0
February 2017	0.5	339.8	W	W	-	-	1,395.1	1,735.4
March 2016	W	W	W	W	-	-	1,591.7	1,656.8
Ohio								
March 2017	W	W	W	W	-	-	5,912.9	5,936.8
February 2017	W	W	W	W	-	-	5,662.0	5,692.9
March 2016	W	W	W	5,298.1	W	-	5,301.1	5,318.3
Oklahoma								
March 2017	W	W	W	W	-	-	4,579.9	4,583.0
February 2017	W	W	W	W	-	-	4,137.1	4,140.8
March 2016	W	W	W	W	-	-	3,654.0	3,656.4
South Dakota								
March 2017	-	26.1	W	W	-	-	836.8	862.9
February 2017	W	W	W	W	-	-	604.9	685.9
March 2016	-	10.6	W	W	-	-	738.0	748.6
Tennessee								
March 2017	4.5	-	-	3,622.4	-	-	3,622.4	3,626.8
February 2017	6.2	-	-	3,447.9	-	-	3,447.9	3,454.1
March 2016	2.6	-	-	3,586.4	-	-	3,586.4	3,589.0
Wisconsin								
March 2017	5.6	26.3	W	W	-	-	2,679.3	2,711.1
February 2017	8.9	86.7	W	W	-	-	2,485.0	2,580.6
March 2016	3.3	10.4	W	W	-	-	2,570.6	2,584.3
PAD District 3								
March 2017	W	W	176.5	38,210.6	W	W	38,617.5	38,989.3
February 2017	576.1	1.6	345.1	35,165.6	W	W	35,774.8	36,352.6
March 2016	W	W	W	34,871.3	W	198.4	35,137.8	35,577.0
Alabama								
March 2017	W	-	-	2,919.0	-	W	W	2,935.5
February 2017	W	-	-	2,735.8	-	W	W	2,754.0
March 2016	W	-	-	3,176.2	-	W	W	3,183.4
Arkansas								
March 2017	-	-	W	W	-	-	2,297.4	2,297.4
February 2017	-	-	W	W	-	-	2,177.3	2,177.3
March 2016	-	-	W	W	-	-	1,968.2	1,968.2
Louisiana								
March 2017	W	W	W	5,926.2	-	W	6,045.0	6,405.0
February 2017	W	W	W	4,802.1	-	W	4,931.8	5,494.1
March 2016	W	W	W	5,779.3	-	W	W	6,314.0
Mississippi								
March 2017	-	W	W	W	-	W	W	2,142.4
February 2017	W	W	-	W	-	W	2,252.6	2,253.1
March 2016	-	-	W	W	-	W	1,863.7	1,863.7
New Mexico								
March 2017	-	W	-	W	-	-	W	1,911.9
February 2017	-	W	-	W	-	-	W	1,939.3
March 2016	-	-	-	1,787.3	-	-	1,787.3	1,787.3
Texas								
March 2017	3.2	-	W	23,064.8	W	W	23,294.0	23,297.1
February 2017	W	W	W	21,270.8	W	W	21,732.6	21,734.8
March 2016	2.2	-	-	20,308.6	W	W	20,458.1	20,460.4

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	No. 2 distillate							Total distillate and kerosene
	Kerosene	No. 1 distillate	No. 2 fuel oil	No. 2 diesel fuel			No. 2 distillate	
				Ultra-low sulfur	Low-sulfur	High-sulfur		
PAD District 4								
March 2017	W	123.2	W	W	-	-	8,706.0	8,829.4
February 2017	W	294.8	W	W	-	-	8,263.6	8,558.9
March 2016	W	W	W	W	-	-	8,283.6	8,374.6
Colorado								
March 2017	-	36.9	-	2,141.8	-	-	2,141.8	2,178.7
February 2017	W	W	-	2,062.5	-	-	2,062.5	2,134.1
March 2016	-	27.5	-	2,010.9	-	-	2,010.9	2,038.5
Idaho								
March 2017	-	5.0	W	W	-	-	1,282.4	1,287.4
February 2017	W	W	W	W	-	-	1,333.0	1,357.1
March 2016	W	W	W	W	-	-	1,308.9	1,318.8
Montana								
March 2017	-	37.5	W	W	-	-	1,671.1	1,708.5
February 2017	-	81.1	W	W	-	-	1,544.9	1,626.0
March 2016	-	30.9	W	W	-	-	1,608.5	1,639.4
Utah								
March 2017	W	17.3	W	W	-	-	1,980.3	1,997.7
February 2017	W	36.2	W	W	-	-	1,817.7	1,854.2
March 2016	W	W	W	W	-	-	1,910.9	1,917.7
Wyoming								
March 2017	-	26.5	-	1,630.5	-	-	1,630.5	1,657.0
February 2017	-	81.8	-	W	-	-	1,505.6	1,587.4
March 2016	-	15.7	-	W	-	-	1,444.5	1,460.2
PAD District 5								
March 2017	26.3	422.4	W	W	W	558.1	21,433.3	21,882.0
February 2017	35.4	434.7	W	W	W	590.8	19,437.9	19,908.0
March 2016	20.5	478.8	W	W	W	W	20,305.6	20,805.0
Alaska								
March 2017	-	W	W	W	-	W	W	707.6
February 2017	-	W	W	W	-	-	W	682.8
March 2016	-	W	W	W	-	W	W	728.3
Arizona								
March 2017	-	-	-	2,836.2	-	-	2,836.2	2,836.2
February 2017	-	-	-	2,646.3	-	-	2,646.3	2,646.3
March 2016	-	-	-	2,986.6	-	-	2,986.6	2,986.6
California								
March 2017	W	W	-	W	-	W	11,191.8	11,218.0
February 2017	W	W	-	W	-	W	9,695.1	9,730.3
March 2016	15.6	W	-	10,223.8	-	W	W	10,318.7
Hawaii								
March 2017	-	-	-	290.9	W	W	684.9	684.9
February 2017	-	-	-	286.5	W	W	685.7	685.7
March 2016	-	-	-	281.7	W	W	594.0	594.0
Nevada								
March 2017	W	W	W	W	-	-	1,403.1	1,412.1
February 2017	W	NA	W	1,319.9	-	-	W	1,331.4
March 2016	W	W	W	W	-	-	1,208.0	1,217.5
Oregon								
March 2017	W	W	-	W	-	W	2,048.3	2,057.7
February 2017	W	W	-	W	-	W	1,989.2	2,012.9
March 2016	W	W	-	W	-	W	1,909.0	1,916.8
Washington								
March 2017	W	13.6	W	W	-	W	W	2,965.5
February 2017	W	W	W	2,786.8	-	W	2,805.1	2,818.7
March 2016	-	5.7	W	3,017.9	-	W	3,037.3	3,043.0

- = 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 2016 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."