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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

- Monthly average crude oil prices continued to rise in August. The average domestic crude oil first purchase price increased \$1.54 (3.5%), to \$44.96 per barrel.
- The average free-on-board (f.o.b.) cost of imported crude oil climbed \$2.53 (6.0%) to \$44.57 per barrel. The average landed cost of foreign crude oil rose \$1.65 (3.7%), to \$46.30 per barrel.
- The average refiner acquisition cost for domestic crude oil increased \$1.27 (2.7%), to \$48.71 per barrel. The average cost of imported crude oil rose \$2.59 (5.8%), to \$47.61 per barrel. The composite refiner acquisition cost for crude oil climbed \$1.87 (4.0%), to \$48.19 per barrel.

Petroleum products

Motor gasoline

- Refiner monthly average prices for motor gasoline were on the increase in August. The average retail price rose 8.2 cents to \$1.953 per gallon, while the average wholesale price increased 9.0 cents to \$1.711 per gallon.
- Refiner sales of finished motor gasoline increased in August. Total sales climbed 11.4 million gallons per day (3.5%) to an average of 340.2 million gallons per day. Retail sales rose 400,000 gallons per day (1.6%), while wholesales increased 11.0 million gallons per day (3.6%). DTW sales accounted for 7.3% of wholesales, while rack and bulk sales made up 87.2% and 5.5%, respectively.

No. 2 distillate

- Monthly average prices for refiner sales of No. 2 distillates increased during August. The average price for No. 2 diesel fuel sold to end users climbed 12.7 cents to \$1.792 per gallon, while the average wholesale price rose 14.7 cents to \$1.680 per gallon. The average retail price for No. 2 fuel oil increased 17.5 cents, while the average wholesale price climbed 13.0 cents to \$1.522 per gallon.
- Refiner sales of No. 2 ultra-low sulfur diesel rose 6.5 million gallons per day (4.2%) to 160.4 million gallons per day in July. Retail sales increased 700,000 gallons per day (6.0%), while wholesales rose 5.8 million gallons per day (4.1%).

Residual Fuel Oil

- Refiner monthly average prices for sales of residual fuel oil show mixed trends in August. The wholesale price for low-sulfur residual fuel oil increased 1.6 cents to \$1.042 per gallon. The price for high-sulfur residual fuel oil fell 1.2 cents to \$1.142 per gallon at retail, while the wholesale price rose 4.1 cents to \$1.081 per gallon.
- Refiner residual fuel oil sales increased in August, falling 2.0 million gallons per day (20.6%) to 11.7 million gallons per day. Retail sales rose 300,000 gallons per day (8.8%), while wholesales increased 1.7 million gallons per day (27.0%).

Other products

- Refiner prices for most of the remaining surveyed products continued to rise in August. Prices for propane and kerosene-type jet fuel rose at both the retail and wholesale levels, while kerosene prices declined at retail, but rose at wholesale. No. 1 distillate and aviation gasoline prices increased at the wholesale level.
- Refiner sales of kerosene-type jet fuel sales fell at retail but rose at the wholesale level, while kerosene and propane sales increased in both sales categories. Aviation gasoline and No. 1 distillate sales rose at wholesale.

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					
	August 2017		July 2017		August 2016		August 2017		July 2017		August 2016	
	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume
Motor gasoline	1.953	25.2	1.871	24.8	1.754	26.5	1.711	315.0	1.621	304.0	1.508	314.8
Conventional	1.855	15.8	1.769	15.5	1.682	17.1	1.671	215.4	1.573	206.3	1.487	214.4
Regular	1.807	13.8	1.721	13.5	1.636	14.9	1.632	191.7	1.534	183.1	1.449	191.0
Midgrade	2.055	0.8	1.967	0.8	1.866	0.9	1.826	1.7	1.723	1.7	1.635	1.9
Premium	2.306	1.1	2.220	1.1	2.099	1.2	2.000	21.9	1.893	21.4	1.812	21.4
Reformulated	2.117	9.4	2.037	9.4	1.885	9.5	1.798	99.6	1.723	97.7	1.553	100.4
Regular	2.021	6.9	1.941	6.8	1.796	6.8	1.745	82.5	1.670	80.9	1.502	83.2
Midgrade	2.276	1.0	2.193	1.0	2.018	1.0	1.904	0.9	1.825	0.9	1.641	1.1
Premium	2.440	1.6	2.356	1.6	2.172	1.6	2.065	16.2	1.988	16.0	1.807	16.2
Aviation gasoline	W	W	W	W	W	W	2.710	0.5	2.608	0.5	2.405	0.6
Kerosene-type jet fuel	1.613	32.4	1.478	32.7	1.330	32.7	1.586	40.5	1.436	39.7	1.313	31.8
Propane (consumer grade)	0.768	5.8	0.667	5.0	0.460	6.9	0.742	24.7	0.634	20.0	0.453	29.2
Kerosene	2.579	0.0	2.621	0.0	W	W	1.630	0.7	1.468	0.7	1.408	1.5
No. 1 distillate	W	W	W	W	1.890	0.0	1.997	0.2	1.869	0.1	1.759	0.2
No. 2 distillate	1.793	12.8	1.665	12.1	1.578	13.7	1.675	156.5	1.529	150.3	1.437	146.1
No. 2 fuel oil	1.903	0.1	1.728	0.1	NA	0.1	1.522	5.4	1.392	4.2	1.307	3.8
No. 2 diesel fuel	1.792	12.7	1.665	12.0	1.577	13.6	1.680	151.1	1.533	146.1	1.440	142.3
Ultra low sulfur	1.795	12.4	1.666	11.7	1.578	13.3	1.685	148.0	1.540	142.2	1.441	139.9
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	W	W
Residential fuel oil	1.204	3.7	1.211	3.4	0.990	4.4	1.079	8.0	1.039	6.3	0.815	8.1
Sulfur content not > 1%	W	W	W	W	W	W	1.042	0.4	1.026	0.6	0.842	0.9
Sulfur content > 1%	1.142	W	1.154	W	0.924	W	1.081	7.6	1.040	5.7	0.811	7.2

NA = Not available.

- = No data reported.

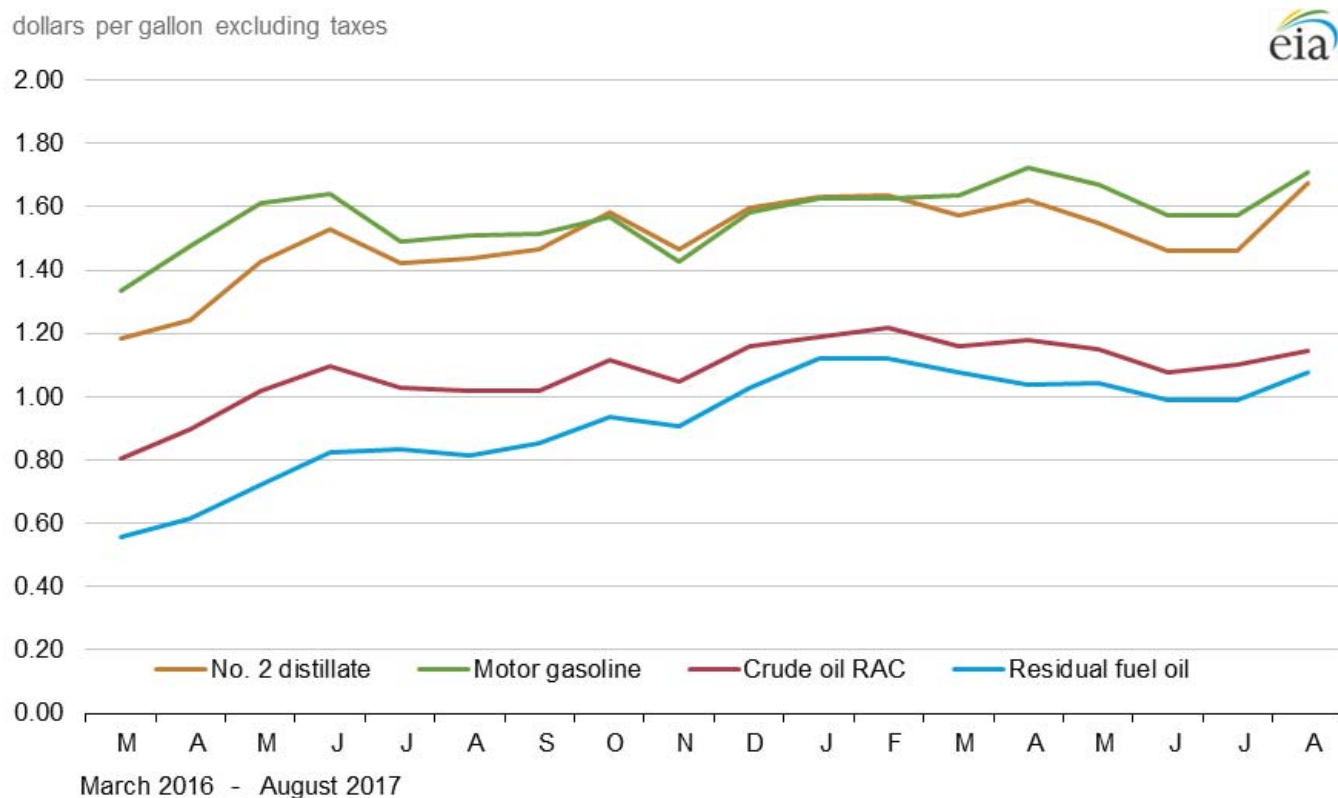
W = Withheld to avoid disclosure of individual company data.

[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 average	44.39	41.91	45.38	49.94	46.38	48.39
2016						
January	27.02	23.67	27.36	32.17	27.48	29.99
February	25.52	24.68	27.04	30.28	26.66	28.53
March	31.87	29.74	32.06	35.29	32.24	33.82
April	35.59	32.73	35.43	39.30	35.90	37.71
May	41.02	38.31	40.73	44.77	40.88	42.88
June	43.96	41.92	43.55	47.57	44.13	45.96
July	40.71	38.76	41.05	44.88	41.48	43.26
August	40.46	38.26	40.40	44.18	41.21	42.70
September	40.55	38.28	40.81	44.47	40.86	42.73
October	45.00	42.36	43.97	48.66	44.76	46.85
November	41.65	40.12	42.59	46.10	41.80	44.06
December	47.12	44.52	46.74	50.45	46.72	48.66
2016 average	38.29	36.37	38.56	42.41	38.75	40.66
2017						
January	48.19	44.63	47.05	51.81	48.12	49.99
February	49.41	45.88	48.10	53.15	49.38	51.24
March	46.39	44.08	46.22	50.60	46.53	48.65
April	47.23	43.58	46.00	51.34	47.47	49.47
May	45.19	43.74	46.13	49.58	46.94	48.34
June	42.19	R41.35	R43.82	46.17	43.93	45.17
July	R43.42	R42.04	R44.65	R47.44	R45.02	R46.32
August	44.96	44.57	46.30	R48.71	R47.61	R48.19
September [c]	NA	NA	NA	E50.48	E49.90	E50.23

NA = Not available.

E = Estimated data.

R = Revised data.

[a] Free on Board. See Glossary.

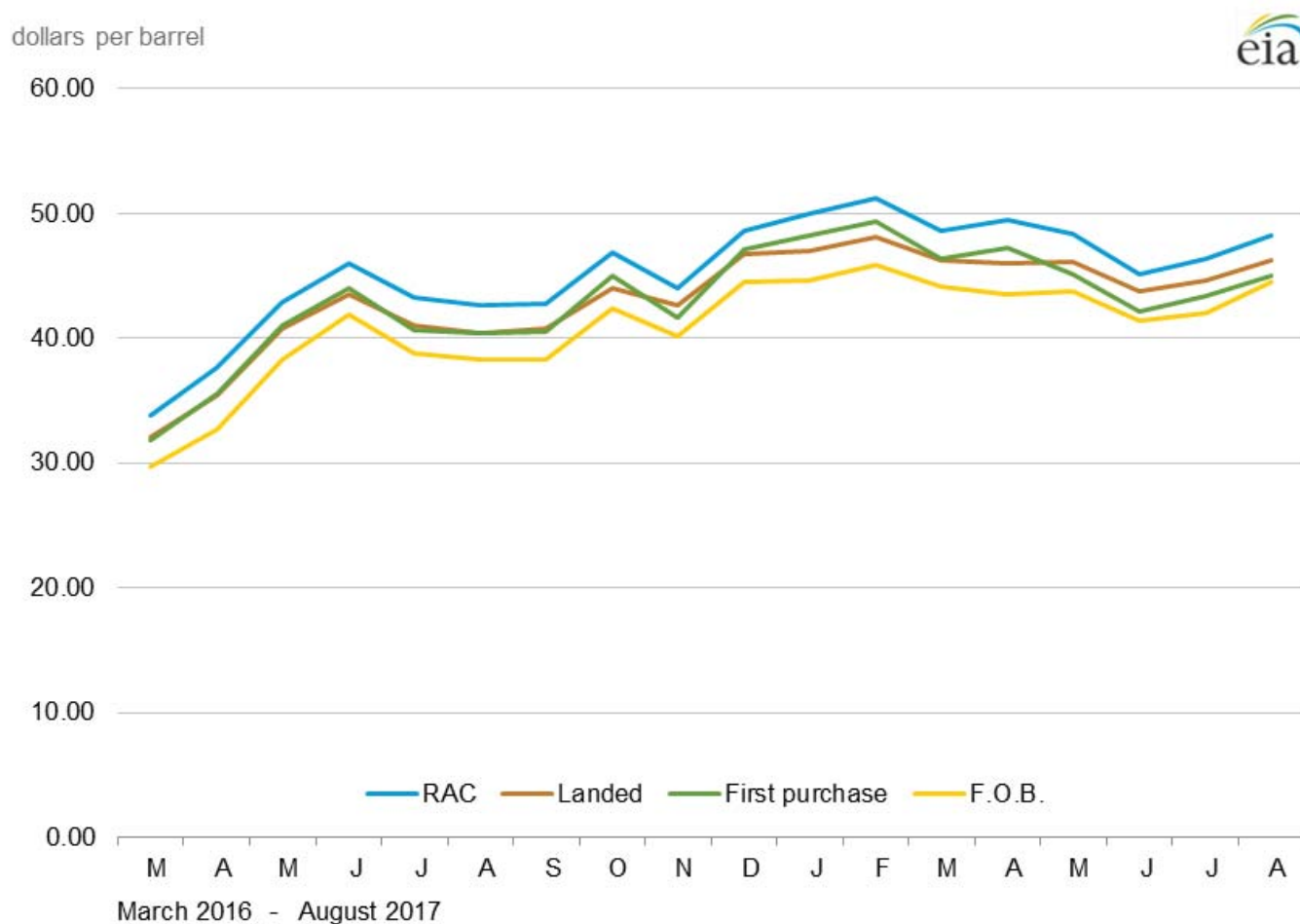
[b] Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section.

[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	49.94	46.38	48.39	52.60	50.40	51.37	49.33	42.70	46.13
2016									
January	32.17	27.48	29.99	33.12	31.44	32.02	32.47	25.60	28.85
February	30.28	26.66	28.53	32.90	30.86	31.36	30.65	24.00	27.01
March	35.29	32.24	33.82	39.12	36.17	36.91	36.37	29.60	32.80
April	39.30	35.90	37.71	43.85	39.19	40.32	40.29	34.08	37.04
May	44.77	40.88	42.88	49.14	43.95	45.24	46.03	38.48	42.47
June	47.57	44.13	45.96	50.67	47.17	48.12	49.34	41.86	45.81
July	44.88	41.48	43.26	48.37	45.03	45.61	45.70	39.13	42.60
August	44.18	41.21	42.70	48.18	45.15	45.63	45.57	38.43	42.10
September	44.47	40.86	42.73	47.25	44.33	44.98	45.61	37.69	41.79
October	48.66	44.76	46.85	51.04	48.09	48.57	50.17	43.02	46.74
November	46.10	41.80	44.06	48.91	46.25	46.70	46.61	39.20	42.79
December	50.45	46.72	48.66	54.67	50.46	51.30	51.86	43.82	47.51
2016	42.41	38.75	40.66	44.58	42.54	43.00	43.76	36.19	39.95
2017									
January	51.81	48.12	49.99	55.35	52.87	53.34	52.83	44.53	48.26
February	53.15	49.38	51.24	55.90	52.80	53.29	53.56	46.04	49.59
March	50.60	46.53	48.65	55.85	51.98	52.62	50.84	42.91	46.64
April	51.34	47.47	49.47	54.99	51.26	51.64	51.93	44.12	48.06
May	49.58	46.94	48.34	54.64	50.66	51.17	49.72	44.64	47.27
June	46.17	43.93	45.17	52.47	47.87	48.38	46.39	41.59	44.14
July	R47.44	R45.02	R46.32	R54.32	R48.41	R48.92	47.81	42.13	44.99
August	R48.71	R47.61	R48.19	56.03	50.70	51.02	49.34	44.57	46.95

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	50.16	46.49	48.75	44.77	39.73	42.28	50.30	50.91	50.59
2016									
January	32.48	26.96	30.31	29.77	23.46	26.50	30.82	30.56	30.69
February	30.23	26.16	28.53	28.49	20.75	24.75	29.92	30.96	30.43
March	34.37	31.61	33.17	36.04	27.85	32.35	36.49	36.15	36.32
April	38.65	34.49	37.05	39.41	33.72	36.59	39.69	39.66	39.67
May	43.96	39.63	42.13	44.71	36.54	40.77	45.13	45.37	45.27
June	47.03	43.73	45.68	47.33	39.53	43.74	46.45	47.18	46.85
July	44.82	40.91	43.23	44.15	37.09	40.78	43.45	44.35	43.95
August	44.23	40.99	42.78	38.63	37.08	37.94	43.13	43.37	43.26
September	43.99	40.53	42.50	43.71	36.49	40.22	44.44	44.95	44.72
October	48.06	44.02	46.51	49.12	40.74	44.64	48.28	47.61	47.94
November	45.74	41.46	43.98	44.68	37.67	41.22	46.79	44.98	45.96
December	49.71	47.00	48.56	50.11	41.48	46.09	50.97	50.06	50.53
2016	41.97	38.22	40.42	41.48	34.49	38.11	42.10	42.21	42.16
2017									
January	51.15	48.10	49.85	50.68	41.66	46.38	52.87	52.35	52.61
February	52.72	49.73	51.37	52.61	42.82	47.68	53.93	52.71	53.31
March	50.32	46.58	48.77	49.06	40.36	44.87	51.24	50.43	50.83
April	50.98	47.37	49.50	49.19	40.95	45.53	52.31	50.78	51.48
May	49.38	46.24	48.16	48.03	42.03	45.68	50.25	49.78	49.98
June	45.87	43.37	44.94	44.97	40.31	43.17	46.91	46.53	46.72
July	R47.00	R44.50	R46.06	46.30	R42.36	44.55	R48.78	R48.53	R48.64
August	48.03	47.43	47.82	48.76	42.63	46.02	50.27	50.44	50.37

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	2.003	W	1.629	0.481	W	1.822	1.819	2.016	1.821	W	1.285
2016											
January	1.505	W	1.038	0.377	W	NA	1.198	1.450	1.201	W	0.710
February	1.332	W	1.032	0.409	W	NA	1.185	1.407	1.187	-	0.632
March	1.552	W	1.133	0.481	W	1.610	1.317	1.555	1.318	-	0.693
April	1.725	W	1.187	0.472	W	1.706	1.386	1.631	1.388	W	0.782
May	1.869	W	1.342	0.533	W	W	1.555	1.733	1.555	-	0.922
June	1.961	W	1.464	0.514	W	2.041	1.661	1.861	1.662	W	0.983
July	1.804	W	1.393	0.491	W	1.911	1.577	1.814	1.578	W	1.030
August	1.754	W	1.330	0.460	W	1.890	1.577	NA	1.578	W	0.990
September	1.788	W	1.394	0.507	W	1.977	1.601	1.805	1.602	W	1.076
October	1.819	W	1.506	0.599	W	2.048	1.706	1.941	1.708	W	1.115
November	1.759	W	1.426	0.557	W	2.050	1.599	1.787	1.601	-	1.106
December	1.849	W	1.539	0.666	W	NA	1.718	1.997	1.721	-	1.230
2016	1.730	W	1.319	0.498	W	1.702	1.511	1.716	1.512	W	0.945
2017											
January	1.900	W	1.584	0.774	W	2.138	1.747	NA	1.750	W	1.309
February	1.862	W	1.615	0.814	W	2.190	1.755	2.033	1.757	W	1.291
March	1.904	W	1.554	0.657	W	2.142	1.699	1.909	1.701	W	1.239
April	1.997	W	1.595	0.652	W	W	1.747	2.081	1.748	W	1.201
May	1.963	W	1.492	0.650	2.637	W	1.693	NA	1.694	W	1.213
June	1.906	W	1.434	0.611	2.600	2.018	1.618	1.739	1.618	W	1.195
July	1.871	W	1.478	0.667	2.621	W	1.665	1.728	R1.665	-	1.211
August	1.953	W	1.613	0.768	2.579	W	1.792	1.903	1.793	W	1.204

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

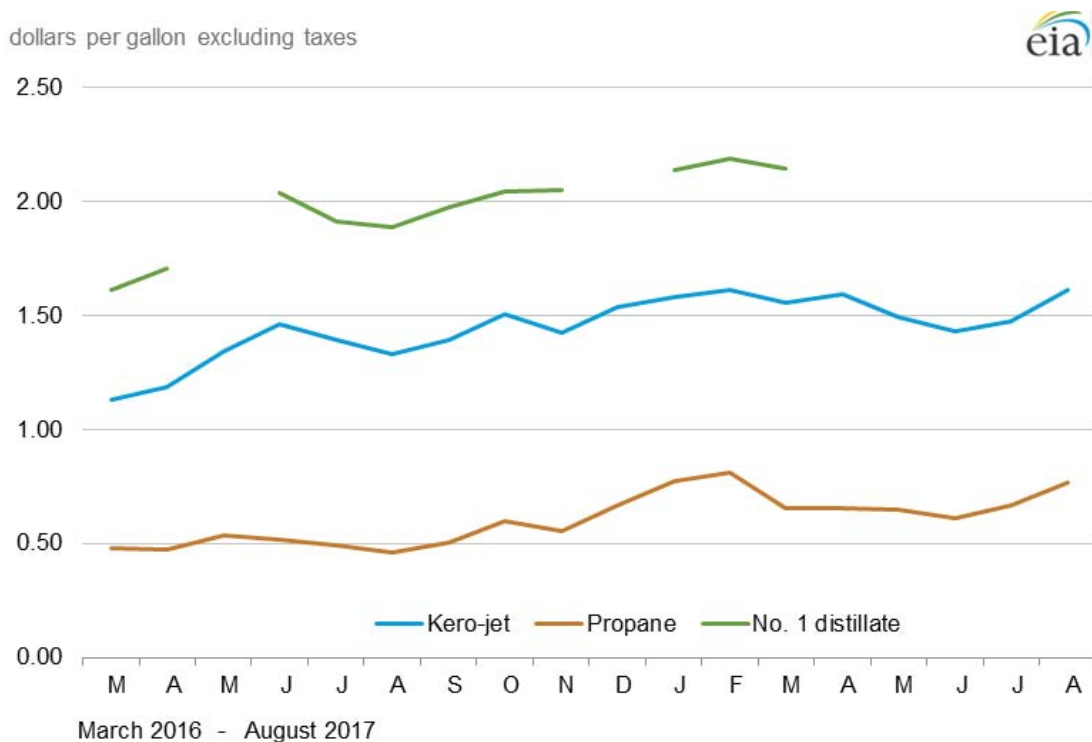
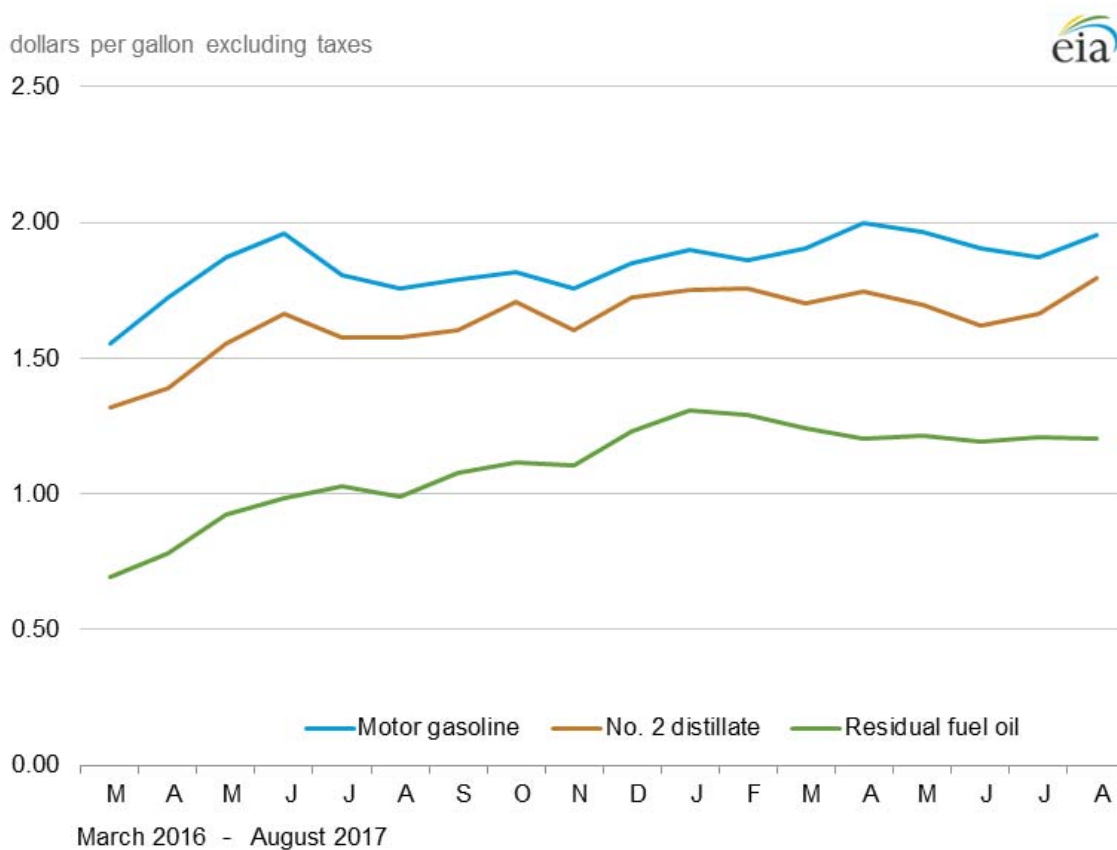
R = Revised data.

[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	25.5	W	33.4	5.6	W	0.1	12.6	0.1	12.7	W	4.0
2016											
January	24.4	W	31.0	8.6	W	NA	12.1	0.1	12.2	W	4.1
February	25.2	W	28.5	7.4	W	NA	12.6	0.1	12.8	-	3.9
March	25.2	W	30.8	6.1	W	0.1	12.2	0.1	12.3	-	4.1
April	25.9	W	30.6	5.8	W	0.1	12.1	0.1	12.1	W	4.2
May	26.0	W	30.9	5.5	W	W	12.5	0.1	12.5	-	3.9
June	26.7	W	32.7	6.0	W	0.0	12.5	0.1	12.6	W	3.8
July	26.3	W	32.1	4.2	W	0.0	12.6	0.0	12.6	W	4.3
August	26.5	W	32.7	6.9	W	0.0	13.6	0.1	13.7	W	4.4
September	26.4	W	32.2	6.3	W	0.0	13.2	0.1	13.3	W	4.7
October	25.9	W	30.2	5.0	W	0.1	13.1	0.1	13.2	W	4.4
November	24.6	W	31.6	5.3	W	0.1	13.2	0.2	13.3	-	4.0
December	24.1	W	31.3	6.4	W	NA	11.9	0.1	12.0	-	4.2
2016	25.6	W	31.2	6.1	W	0.1	12.6	0.1	12.7	W	4.2
2017											
January	22.9	W	28.7	5.7	W	0.1	12.2	NA	12.4	W	3.9
February	23.8	W	30.6	6.4	W	0.1	12.0	0.1	12.1	W	4.4
March	24.5	W	33.1	5.1	W	0.1	12.8	0.1	12.9	W	4.6
April	24.3	W	30.9	5.8	W	W	12.0	0.1	12.0	W	3.8
May	24.9	W	31.6	6.7	0.0	W	12.4	NA	12.5	W	3.8
June	25.7	W	33.2	5.0	0.0	0.0	12.3	0.0	12.3	W	3.7
July	24.8	W	R32.7	5.0	0.0	W	R12.0	0.1	R12.1	-	3.4
August	25.2	W	32.4	5.8	0.0	W	12.7	0.1	12.8	W	3.7

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

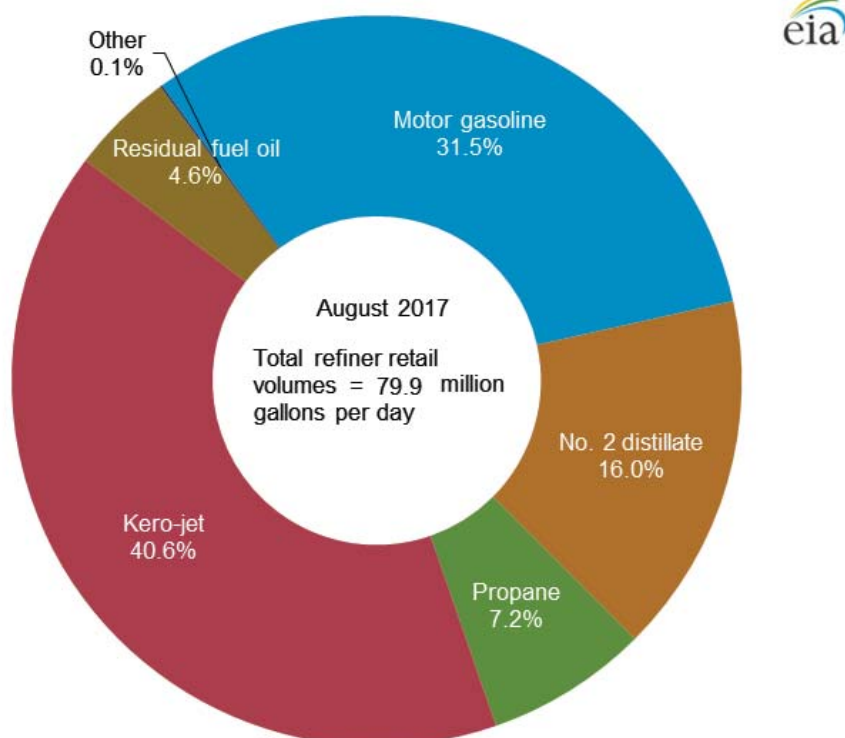
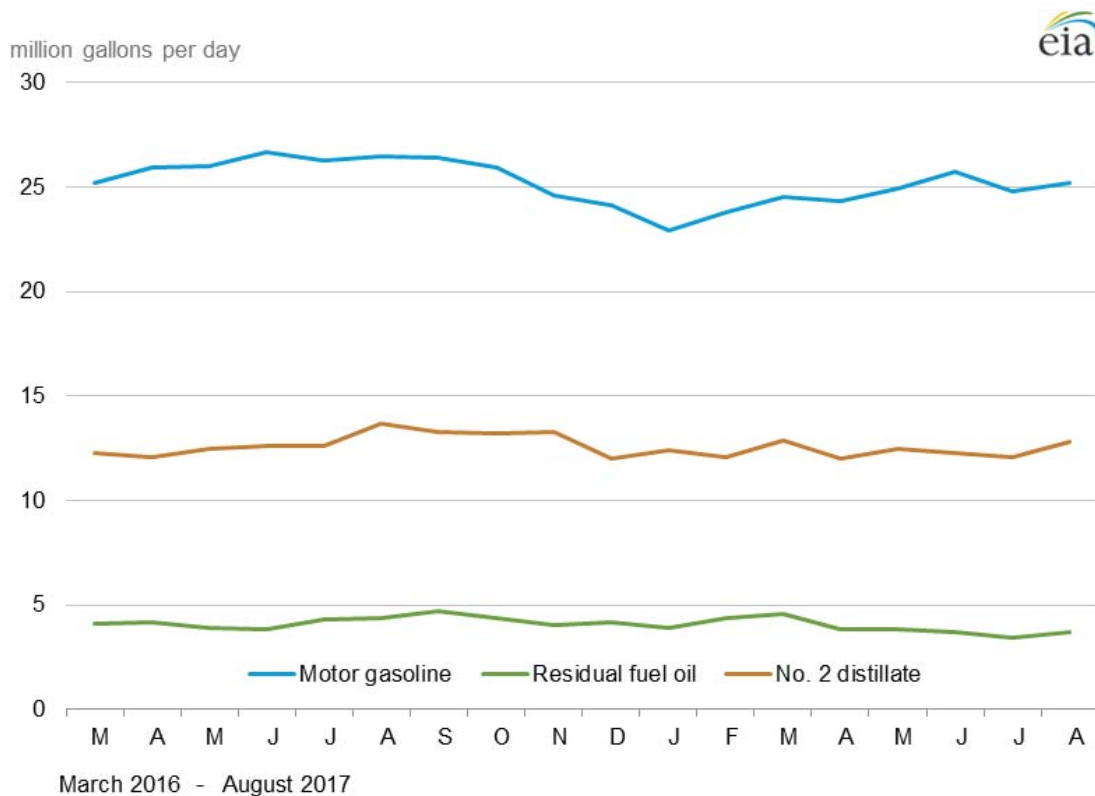
R = Revised data.

[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	1.726	2.764	1.592	0.555	1.735	1.957	1.667	1.565	1.663	1.215	0.996
2016											
January	1.187	2.122	1.022	0.460	1.183	1.263	1.015	0.976	1.012	0.739	0.499
February	1.046	1.908	1.017	0.470	1.155	1.278	1.043	0.948	1.035	W	0.504
March	1.335	2.230	1.100	0.497	1.208	1.413	1.189	1.070	1.182	0.861	0.558
April	1.476	2.457	1.155	0.458	1.193	1.491	1.251	1.113	1.244	0.957	0.616
May	1.613	2.528	1.311	0.511	1.327	1.736	1.432	1.291	1.426	1.046	0.723
June	1.643	2.591	1.428	0.497	1.445	1.864	1.531	1.404	1.527	1.136	0.825
July	1.490	2.505	1.354	0.476	1.297	1.749	1.426	1.305	1.421	W	0.835
August	1.508	2.405	1.313	0.453	1.408	1.759	1.440	1.307	1.437	W	0.815
September	1.514	2.506	1.366	0.494	1.402	1.743	1.471	1.341	1.466	W	0.854
October	1.568	2.551	1.471	0.608	1.580	1.842	1.592	1.443	1.584	W	0.938
November	1.427	2.433	1.406	0.588	1.485	1.672	1.469	1.386	1.464	W	0.908
December	1.585	2.462	1.511	0.703	1.685	1.851	1.606	1.507	1.597	W	1.030
2016	1.454	2.404	1.295	0.523	1.383	1.589	1.378	1.239	1.370	0.956	0.745
2017											
January	1.627	2.614	1.561	0.788	1.761	1.964	1.636	1.560	1.629	W	1.119
February	1.625	2.592	1.592	0.792	1.657	1.882	1.641	1.553	1.634	W	1.121
March	1.634	2.618	1.520	0.671	1.580	1.854	1.581	1.495	1.575	W	1.077
April	1.723	2.724	1.545	0.641	1.572	1.953	1.627	1.499	1.620	W	1.039
May	1.668	2.620	1.459	0.631	1.481	1.920	1.552	1.447	1.548	W	1.043
June	1.574	2.552	1.378	0.585	1.360	1.823	1.465	1.375	1.461	W	0.991
July	R1.621	2.608	1.436	0.634	1.468	R1.869	R1.533	R1.392	1.529	W	1.039
August	1.711	2.710	1.586	0.742	1.630	1.997	1.680	1.522	1.675	W	1.079

W = Withheld to avoid disclosure of individual company data.

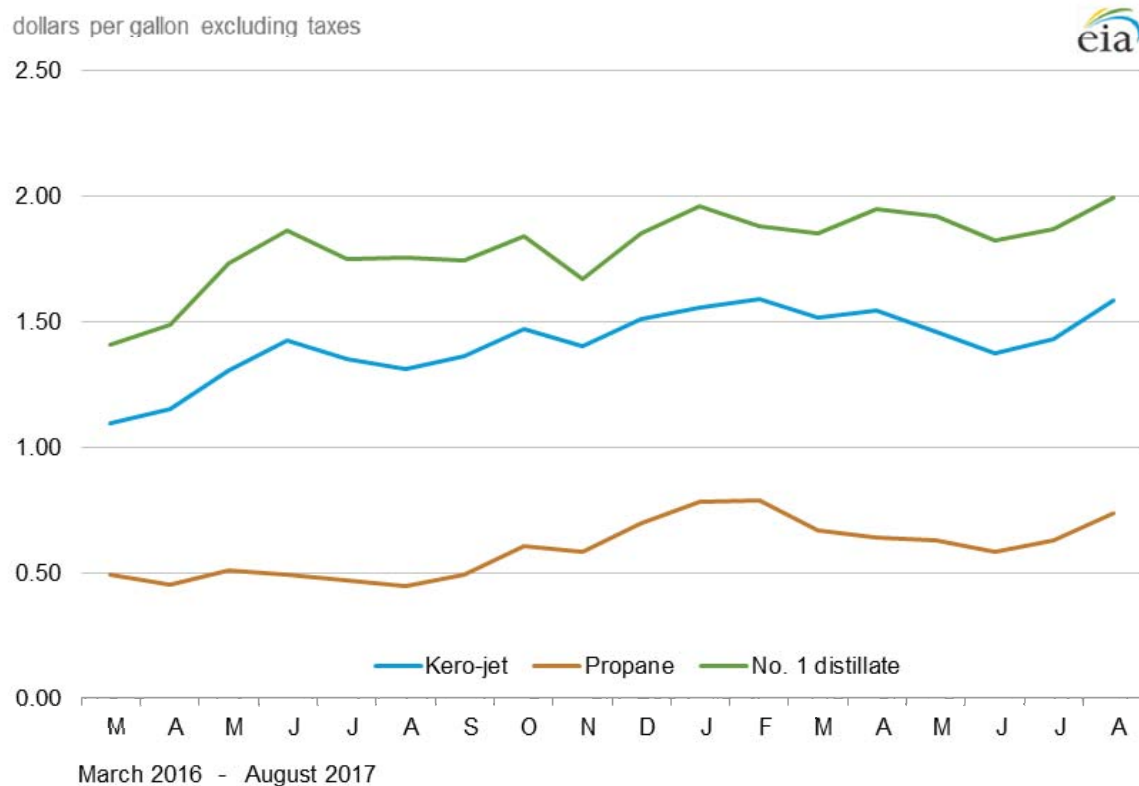
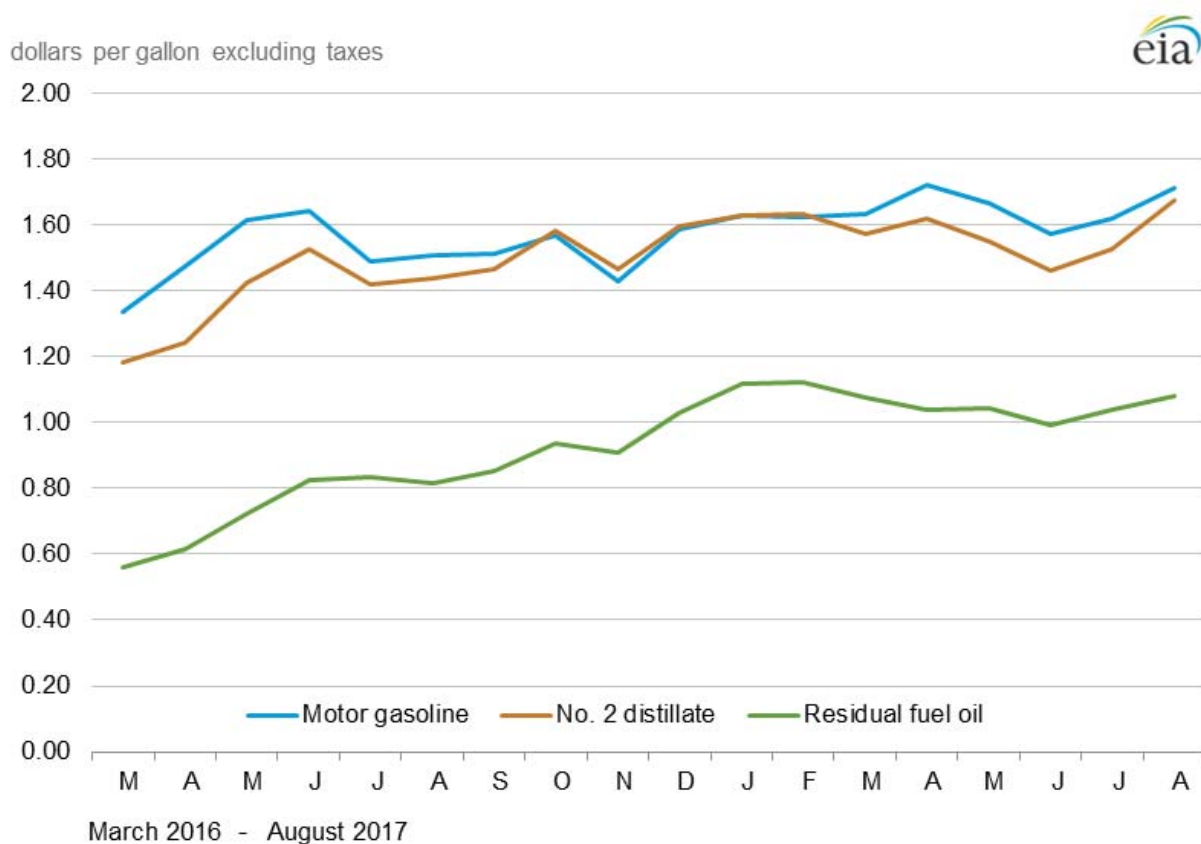
R = Revised data.

[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	298.7	0.4	28.6	31.6	1.2	1.2	146.5	6.7	153.2	0.2	8.1
2016											
January	285.3	0.3	29.3	45.5	1.6	2.4	130.5	12.3	142.8	0.2	9.3
February	295.0	0.4	28.6	43.8	1.5	1.7	132.9	12.8	145.7	W	9.3
March	303.8	0.4	28.5	29.1	0.6	0.7	137.7	8.5	146.2	0.2	9.2
April	302.5	0.6	28.2	26.1	0.8	0.3	137.4	7.7	145.1	0.2	9.0
May	305.8	0.4	29.7	27.4	0.9	0.1	137.5	6.8	144.3	0.1	9.9
June	314.9	0.5	30.9	25.5	0.7	0.1	138.6	4.8	143.4	0.1	8.9
July	315.9	0.5	31.2	24.1	0.9	0.1	131.3	4.9	136.3	W	7.6
August	314.8	0.6	31.8	29.2	1.5	0.2	142.3	3.8	146.1	W	8.1
September	307.8	0.4	32.0	28.4	1.0	0.5	142.8	6.0	148.8	W	7.9
October	301.9	0.4	30.9	33.1	1.2	1.0	144.3	8.2	152.4	W	7.1
November	299.6	0.4	30.4	35.4	1.4	1.7	142.9	9.1	151.9	W	7.2
December	298.5	0.4	32.3	41.2	1.9	3.2	141.0	14.4	155.4	W	7.6
2016	303.8	0.4	30.3	32.4	1.2	1.0	138.3	8.2	146.5	0.1	8.4
2017											
January	277.9	0.3	30.2	38.5	1.4	2.5	129.6	13.7	143.4	W	6.6
February	289.7	0.4	32.8	37.3	1.3	1.8	134.3	11.3	145.6	W	6.2
March	297.2	0.4	31.8	28.0	0.7	0.9	138.0	9.6	147.5	W	5.9
April	302.9	0.4	40.2	23.3	0.7	0.2	139.3	8.0	147.3	W	6.2
May	306.0	0.4	40.2	20.0	0.8	0.1	152.1	5.5	157.6	W	5.9
June	309.7	0.6	40.2	21.5	0.6	0.1	156.7	6.8	163.5	W	8.2
July	R304.0	0.5	R39.7	20.0	0.7	0.1	R146.1	R4.2	R150.3	W	6.3
August	315.0	0.5	40.5	24.7	0.7	0.2	151.1	5.4	156.5	W	8.0

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

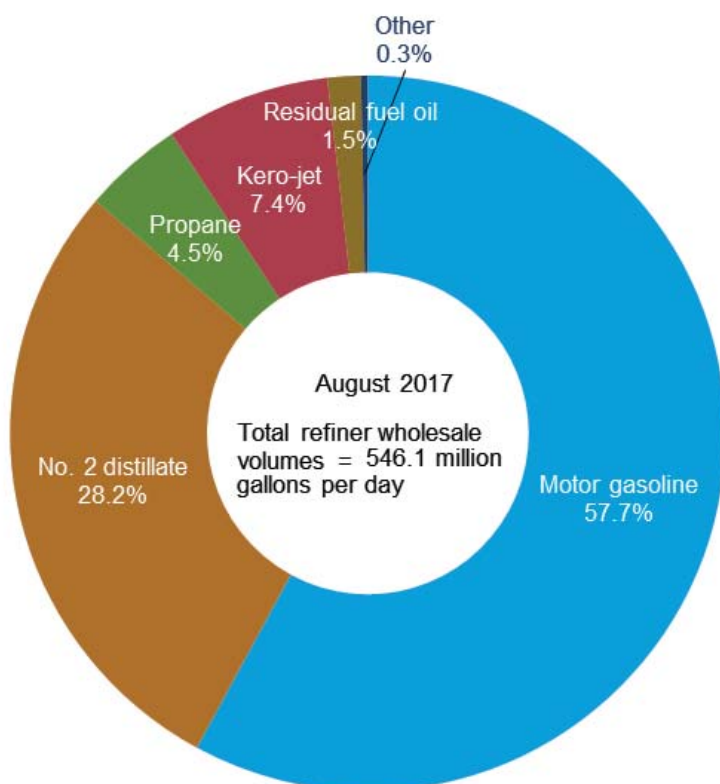
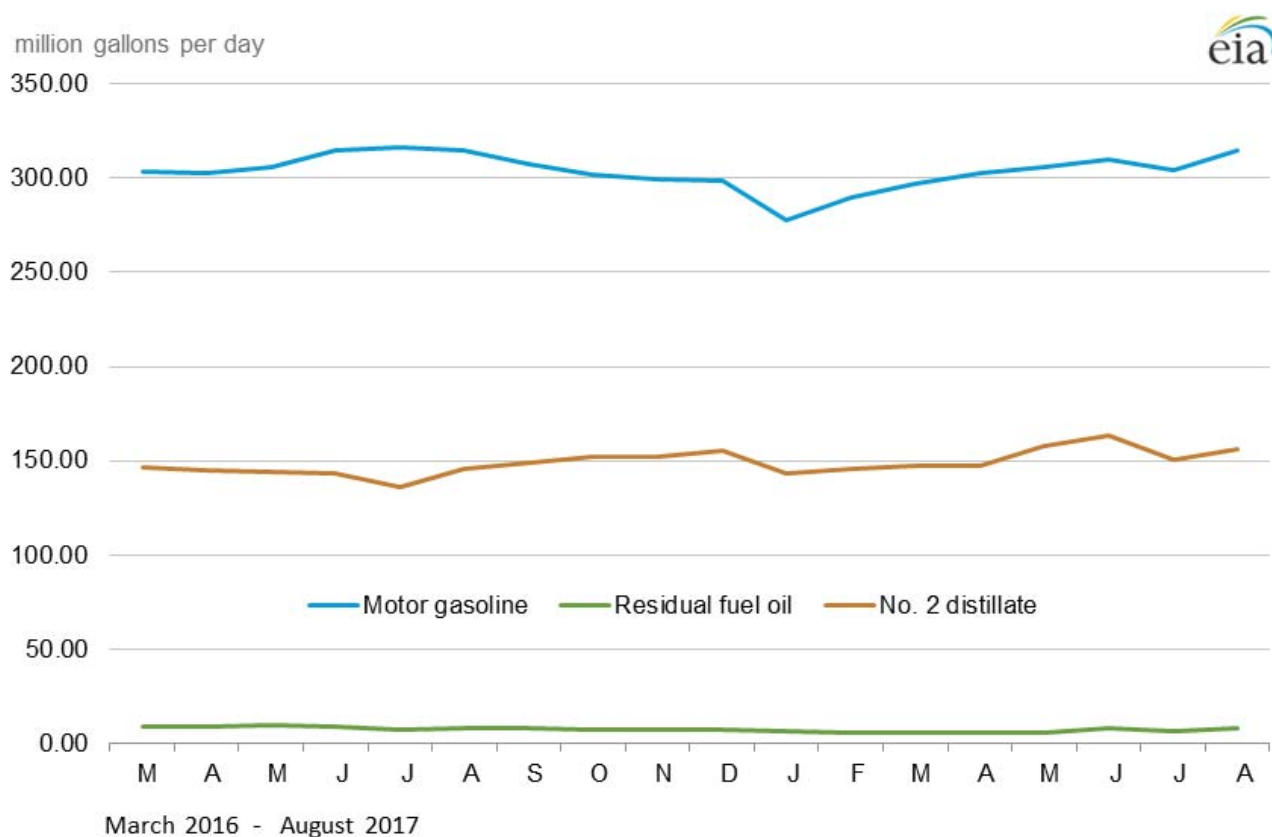
R = Revised data.

[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	1.939	1.938	2.105	1.654	1.604	1.681	2.225	2.224	2.252	1.824	-	1.872
2016												
January	1.426	1.426	1.648	1.101	1.148	1.142	1.760	1.759	1.794	1.257	-	1.321
February	1.257	1.256	1.351	0.977	0.985	1.003	1.555	1.554	1.499	1.118	-	1.165
March	1.487	1.485	1.638	1.273	1.198	1.291	1.745	1.744	1.808	1.441	-	1.486
April	1.658	1.656	1.757	1.412	1.336	1.431	1.927	1.926	1.886	1.574	-	1.612
May	1.806	1.806	1.805	1.559	1.455	1.568	2.047	2.046	1.928	1.716	-	1.741
June	1.901	1.900	1.866	1.585	1.513	1.598	2.123	2.121	1.996	1.749	-	1.776
July	1.729	1.729	1.781	1.421	1.411	1.444	2.025	2.024	1.893	1.592	-	1.627
August	1.687	1.687	1.643	1.458	1.390	1.465	1.945	1.944	1.781	1.619	-	1.637
September	1.716	1.716	1.759	1.449	1.438	1.469	1.996	1.995	1.895	1.617	-	1.650
October	1.748	1.748	1.791	1.505	1.478	1.523	2.027	2.027	1.935	1.676	-	1.706
November	1.685	1.684	1.673	1.361	1.393	1.384	1.987	1.985	1.797	1.521	-	1.552
December	1.784	1.783	1.687	1.541	1.473	1.547	2.032	2.031	1.831	1.685	-	1.702
2016	1.661	1.660	1.701	1.392	1.354	1.410	1.935	1.934	1.839	1.552	-	1.586
2017												
January	1.831	1.830	1.822	1.571	1.583	1.588	2.112	2.111	1.950	1.730	-	1.757
February	1.785	1.785	1.897	1.560	1.567	1.583	2.103	2.101	2.056	1.729	-	1.769
March	1.826	1.826	1.964	1.562	1.563	1.590	2.146	2.144	2.105	1.735	-	1.780
April	1.925	1.924	2.002	1.660	1.616	1.680	2.210	2.206	2.148	1.831	-	1.868
May	1.886	1.885	2.005	1.596	1.557	1.620	2.194	2.192	2.143	1.774	-	1.815
June	1.829	1.828	1.920	1.500	1.506	1.528	2.143	2.142	2.033	1.677	-	1.715
July	1.795	1.794	1.869	R1.557	1.518	R1.576	2.090	2.089	2.009	R1.727	-	R1.757
August	1.879	1.878	1.962	1.648	1.608	1.666	2.175	2.173	2.105	1.822	-	1.852

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	2.392	2.386	2.312	2.035	1.845	2.061	2.006	2.003	2.148	1.696	1.627	1.726
2016												
January	1.963	1.958	1.873	1.473	1.309	1.519	1.506	1.505	1.696	1.143	1.164	1.187
February	1.760	1.757	1.578	1.322	1.140	1.346	1.333	1.332	1.402	1.016	1.005	1.046
March	1.938	1.935	1.892	1.633	1.421	1.656	1.554	1.552	1.694	1.314	1.218	1.335
April	2.121	2.119	1.999	1.779	1.526	1.788	1.727	1.725	1.809	1.454	1.366	1.476
May	2.242	2.240	2.043	1.928	1.658	1.925	1.871	1.869	1.857	1.602	1.479	1.613
June	2.319	2.316	2.109	1.956	1.753	1.962	1.962	1.961	1.919	1.628	1.540	1.643
July	2.225	2.223	2.005	1.788	1.576	1.801	1.804	1.804	1.831	1.467	1.428	1.490
August	2.143	2.141	1.878	1.813	1.575	1.810	1.755	1.754	1.696	1.501	1.404	1.508
September	2.192	2.189	1.999	1.827	1.592	1.836	1.789	1.788	1.813	1.493	1.454	1.514
October	2.237	2.234	2.036	1.884	1.669	1.892	1.819	1.819	1.846	1.548	1.501	1.568
November	2.199	2.196	1.903	1.729	1.539	1.744	1.760	1.759	1.724	1.403	1.406	1.427
December	2.242	2.240	1.937	1.871	1.615	1.861	1.850	1.849	1.743	1.578	1.492	1.585
2016	2.134	2.132	1.939	1.757	1.535	1.767	1.731	1.730	1.754	1.434	1.374	1.454
2017												
January	2.323	2.320	2.065	1.908	1.761	1.922	1.902	1.900	1.876	1.607	1.601	1.627
February	2.322	2.318	2.162	1.908	1.793	1.940	1.863	1.862	1.956	1.598	1.584	1.625
March	2.365	2.362	2.213	1.921	1.756	1.953	1.905	1.904	2.019	1.602	1.589	1.634
April	2.423	2.421	2.249	2.015	1.821	2.036	1.998	1.997	2.058	1.701	1.636	1.723
May	2.411	2.408	2.257	1.963	1.777	1.994	1.964	1.963	2.062	1.639	1.578	1.668
June	2.361	2.358	2.149	1.860	1.730	1.892	1.908	1.906	1.971	1.543	1.533	1.574
July	2.304	2.300	2.116	R1.912	1.757	R1.934	1.872	1.871	1.925	R1.599	1.544	R1.621
August	2.387	2.384	2.216	2.008	1.845	2.028	1.954	1.953	2.019	1.690	1.633	1.711

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				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	20.8	21.1	18.0	224.2	19.6	261.8	1.7	1.8	0.3	2.7	-	3.1
2016												
January	19.9	20.2	17.2	214.4	18.2	249.8	1.7	1.7	0.3	2.4	-	2.8
February	20.4	20.7	18.0	222.4	16.7	257.0	1.8	1.8	0.3	2.4	-	2.7
March	20.5	20.7	18.1	224.8	23.1	266.0	1.8	1.8	0.3	2.4	-	2.8
April	21.0	21.3	18.4	228.7	16.0	263.1	1.8	1.8	0.3	2.5	-	2.9
May	21.1	21.3	18.3	228.6	19.1	266.0	1.8	1.8	0.3	2.6	-	3.0
June	21.7	21.9	18.2	235.5	20.4	274.1	1.9	1.9	0.3	2.7	-	3.1
July	21.4	21.6	18.0	232.3	22.7	273.0	1.9	1.9	0.3	2.7	-	3.0
August	21.5	21.7	18.4	233.9	21.8	274.1	1.9	1.9	0.3	2.7	-	3.0
September	21.4	21.6	18.0	229.9	20.6	268.5	1.9	1.9	0.3	2.5	-	2.8
October	21.1	21.4	17.8	229.7	16.2	263.6	1.8	1.8	0.3	2.4	-	2.7
November	20.1	20.3	17.4	228.3	16.5	262.2	1.7	1.7	0.3	2.4	-	2.7
December	19.6	19.8	17.6	227.2	16.2	261.0	1.7	1.7	0.3	2.2	-	2.5
2016	20.8	21.0	17.9	228.0	19.0	264.9	1.8	1.8	0.3	2.5	-	2.8
2017												
January	18.8	19.0	16.3	212.3	15.4	244.1	1.6	1.6	0.3	2.0	-	2.3
February	19.4	19.7	17.0	221.5	16.2	254.7	1.6	1.7	0.3	2.0	-	2.3
March	20.0	20.2	17.8	229.7	12.3	259.8	1.7	1.7	0.3	2.1	-	2.4
April	19.8	20.0	17.5	229.1	18.4	265.0	1.7	1.7	0.3	2.1	-	2.4
May	20.2	20.4	17.5	233.9	14.8	266.2	1.7	1.8	0.3	2.3	-	2.6
June	20.9	21.1	17.6	238.4	13.0	269.0	1.8	1.8	0.3	2.4	-	2.7
July	20.1	20.3	17.3	R234.6	12.0	R264.0	1.7	1.8	0.3	2.3	-	2.6
August	20.5	20.7	17.7	241.0	15.5	274.2	1.8	1.8	0.3	2.4	-	2.6

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	2.6	2.6	4.5	27.3	2.0	33.8	25.1	25.5	22.9	254.2	21.6	298.7
2016												
January	2.5	2.6	4.6	26.1	2.1	32.8	24.1	24.4	22.1	243.0	20.2	285.3
February	2.7	2.7	5.0	27.8	2.5	35.3	24.9	25.2	23.3	252.6	19.1	295.0
March	2.7	2.7	4.9	27.7	2.3	35.0	25.0	25.2	23.4	255.0	25.4	303.8
April	2.7	2.8	5.0	28.6	3.0	36.5	25.6	25.9	23.7	259.8	19.0	302.5
May	2.8	2.8	5.0	29.2	2.5	36.8	25.7	26.0	23.7	260.4	21.7	305.8
June	2.8	2.9	5.0	30.1	2.6	37.7	26.4	26.7	23.6	268.3	23.0	314.9
July	2.8	2.9	5.0	32.3	2.7	40.0	26.1	26.3	23.3	267.3	25.3	315.9
August	2.9	2.9	5.2	30.6	1.9	37.6	26.2	26.5	23.9	267.2	23.7	314.8
September	2.9	2.9	5.0	29.1	2.4	36.5	26.2	26.4	23.4	261.5	23.0	307.8
October	2.7	2.7	4.9	28.4	2.2	35.5	25.6	25.9	23.0	260.5	18.4	301.9
November	2.6	2.6	4.9	28.2	1.7	34.8	24.4	24.6	22.5	258.9	18.2	299.6
December	2.5	2.5	4.9	27.5	2.6	35.0	23.8	24.1	22.8	256.9	18.7	298.5
2016	2.7	2.7	5.0	28.8	2.4	36.1	25.3	25.6	23.2	259.3	21.3	303.8
2017												
January	2.3	2.4	4.5	25.3	1.7	31.5	22.7	22.9	21.2	239.6	17.1	277.9
February	2.4	2.4	4.7	26.7	1.3	32.7	23.5	23.8	22.0	250.2	17.5	289.7
March	2.5	2.5	4.9	28.1	1.9	34.9	24.2	24.5	23.0	259.9	14.2	297.2
April	2.5	2.6	4.9	28.5	2.1	35.5	24.1	24.3	22.7	259.7	20.5	302.9
May	2.6	2.7	5.0	30.6	1.6	37.2	24.6	24.9	22.8	266.8	16.4	306.0
June	2.7	2.7	5.0	31.2	1.8	38.0	25.4	25.7	22.8	272.1	14.8	309.7
July	2.7	2.7	5.0	R30.9	1.5	R37.4	24.6	24.8	22.6	R267.9	13.5	R304.0
August	2.7	2.7	5.1	31.3	1.8	38.1	24.9	25.2	23.0	274.7	17.3	315.0

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	1.833	1.833	1.858	1.625	1.575	1.625	2.033	2.032	2.090	1.794	-	1.809
2016												
January	1.304	1.305	1.296	1.073	W	1.083	1.524	1.524	1.578	1.221	-	1.241
February	1.167	1.167	1.103	0.960	W	0.964	1.377	1.376	1.349	1.098	-	1.112
March	1.413	1.412	1.329	1.248	1.175	1.242	1.602	1.601	1.558	1.408	-	1.416
April	1.577	1.576	1.459	1.383	1.310	1.379	1.782	1.781	1.653	1.548	-	1.554
May	1.749	1.749	1.604	1.543	1.425	1.535	1.951	1.950	1.743	1.707	-	1.709
June	1.855	1.854	1.658	1.562	1.493	1.558	2.043	2.041	1.802	1.735	-	1.738
July	1.648	1.649	1.604	1.408	1.392	1.411	1.891	1.890	1.765	1.589	-	1.599
August	1.636	1.636	1.529	1.455	W	1.449	1.865	1.866	1.681	1.633	-	1.635
September	1.659	1.660	1.620	1.439	W	1.441	1.905	1.905	1.770	1.620	-	1.629
October	1.691	1.692	1.648	1.493	1.456	1.493	1.933	1.933	1.796	1.674	-	1.681
November	1.613	1.613	1.520	1.346	W	1.351	1.865	1.864	1.703	1.513	-	1.524
December	1.740	1.739	1.560	1.532	1.457	1.527	1.953	1.952	1.728	1.680	-	1.683
2016	1.591	1.591	1.497	1.375	1.332	1.374	1.811	1.811	1.681	1.541	-	1.549
2017												
January	1.768	1.768	1.663	1.557	1.575	1.561	2.009	2.008	1.817	1.724	-	1.730
February	1.700	1.701	1.679	1.540	1.546	1.544	1.956	1.956	1.866	1.709	-	1.719
March	1.739	1.740	1.766	1.542	W	1.546	1.994	1.992	1.961	1.715	-	1.730
April	1.858	1.858	1.831	1.635	1.594	1.636	2.099	2.094	2.003	1.811	-	1.822
May	1.803	1.803	1.781	1.563	W	1.566	2.057	2.056	1.977	1.751	-	1.764
June	1.746	1.746	1.704	1.475	W	1.480	2.005	2.004	1.906	1.662	-	1.676
July	1.721	1.721	1.709	R1.532	1.488	R1.534	1.967	1.967	1.877	R1.714	-	R1.723
August	1.807	1.807	1.803	1.632	W	1.632	2.056	2.055	1.954	1.818	-	1.826

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	2.216	2.210	2.085	2.016	1.812	1.999	1.869	1.869	1.899	1.663	1.599	1.663
2016												
January	1.737	1.733	W	1.441	1.272	1.428	1.345	1.346	1.337	1.109	1.137	1.117
February	1.593	1.590	W	1.315	1.132	1.297	1.209	1.209	1.143	0.995	0.991	0.998
March	1.812	1.808	1.548	1.612	1.381	1.586	1.451	1.450	1.369	1.283	1.194	1.276
April	1.995	1.992	1.674	1.763	1.489	1.726	1.617	1.617	1.498	1.421	1.339	1.416
May	2.174	2.170	1.809	1.935	1.630	1.898	1.791	1.790	1.641	1.583	1.451	1.573
June	2.275	2.270	1.862	1.955	1.723	1.926	1.895	1.894	1.696	1.602	1.522	1.597
July	2.122	2.119	1.812	1.787	1.549	1.764	1.696	1.697	1.643	1.451	1.410	1.452
August	2.103	2.099	W	1.837	1.559	1.812	1.682	1.682	1.566	1.495	1.393	1.487
September	2.142	2.137	W	1.846	1.566	1.817	1.707	1.708	1.658	1.480	1.440	1.480
October	2.182	2.178	1.860	1.901	1.642	1.874	1.738	1.738	1.685	1.533	1.479	1.533
November	2.112	2.108	W	1.733	1.500	1.715	1.660	1.660	1.557	1.384	1.382	1.388
December	2.209	2.204	1.774	1.875	1.587	1.838	1.782	1.781	1.599	1.564	1.476	1.558
2016	2.042	2.037	1.709	1.758	1.510	1.731	1.635	1.634	1.536	1.414	1.353	1.411
2017												
January	2.265	2.258	1.866	1.908	1.736	1.893	1.813	1.812	1.700	1.590	1.589	1.593
February	2.216	2.210	1.911	1.899	1.732	1.890	1.747	1.748	1.721	1.574	1.560	1.577
March	2.250	2.247	W	1.916	1.716	1.903	1.786	1.787	1.808	1.578	1.562	1.583
April	2.356	2.352	2.059	2.005	1.777	1.988	1.904	1.904	1.872	1.672	1.611	1.671
May	2.311	2.306	W	1.950	1.731	1.938	1.851	1.851	1.823	1.604	1.552	1.605
June	2.263	2.257	W	1.851	1.695	1.843	1.795	1.795	1.745	1.515	1.503	1.520
July	2.227	2.220	1.931	R1.902	1.703	R1.893	1.770	1.769	1.751	R1.572	1.510	R1.573
August	2.310	2.306	W	2.014	1.800	2.000	1.855	1.855	1.845	1.672	1.605	1.671

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	14.0	14.3	3.9	160.7	16.8	181.4	0.8	0.8	0.1	1.9	-	2.0
2016												
January	13.5	13.8	W	153.0	W	172.2	0.8	0.8	0.1	1.7	-	1.8
February	14.0	14.2	W	158.9	W	176.8	0.8	0.9	0.1	1.7	-	1.8
March	14.0	14.2	4.1	161.9	20.0	186.0	0.9	0.9	0.1	1.7	-	1.8
April	14.4	14.6	4.2	164.0	13.5	181.7	0.9	0.9	0.1	1.7	-	1.8
May	14.4	14.6	4.2	163.6	15.4	183.3	0.9	0.9	0.1	1.8	-	1.9
June	14.7	14.9	4.2	168.5	16.4	189.1	0.9	0.9	0.1	1.9	-	2.0
July	14.6	14.8	4.2	167.0	18.9	190.2	0.9	0.9	0.1	1.9	-	2.0
August	14.7	14.9	W	167.8	W	191.0	0.9	0.9	0.1	1.8	-	1.9
September	14.5	14.8	W	164.5	W	186.1	0.9	0.9	0.1	1.7	-	1.8
October	14.4	14.6	4.0	164.4	13.5	181.9	0.9	0.9	0.1	1.7	-	1.8
November	13.4	13.6	W	163.9	W	181.0	0.8	0.8	0.1	1.6	-	1.7
December	12.9	13.1	3.9	162.6	13.6	180.1	0.8	0.8	0.1	1.5	-	1.6
2016	14.1	14.3	4.1	163.4	15.8	183.3	0.9	0.9	0.1	1.7	-	1.8
2017												
January	12.3	12.5	3.7	151.5	13.0	168.2	0.7	0.7	0.1	1.4	-	1.5
February	12.9	13.1	3.8	158.6	13.4	175.9	0.7	0.8	0.1	1.4	-	1.5
March	13.3	13.5	W	164.4	W	178.2	0.8	0.8	0.1	1.5	-	1.6
April	13.2	13.4	4.0	163.9	15.6	183.5	0.8	0.8	0.1	1.5	-	1.6
May	13.4	13.6	W	168.2	W	184.8	0.8	0.8	0.1	1.6	-	1.7
June	13.8	14.1	W	171.5	W	186.0	0.8	0.8	0.1	1.7	-	1.8
July	13.3	13.5	4.0	R169.6	9.6	R183.1	0.8	0.8	0.1	R1.6	-	R1.7
August	13.6	13.8	W	174.6	W	191.7	0.8	0.8	0.1	1.7	-	1.7

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	1.1	1.1	0.7	16.8	1.8	19.4	15.9	16.2	4.8	179.4	18.6	202.8
2016												
January	1.1	1.1	W	16.0	W	18.6	15.4	15.7	4.8	170.7	17.0	192.5
February	1.1	1.1	W	16.9	W	19.6	15.9	16.2	4.9	177.4	15.8	198.2
March	1.1	1.2	0.8	17.0	2.0	19.9	16.0	16.2	5.0	180.6	22.0	207.7
April	1.2	1.2	0.8	17.6	2.6	21.0	16.4	16.7	5.1	183.3	16.1	204.5
May	1.2	1.2	0.9	18.0	2.2	21.1	16.4	16.7	5.2	183.5	17.7	206.3
June	1.2	1.2	0.9	18.6	2.3	21.8	16.8	17.0	5.2	189.0	18.7	212.9
July	1.2	1.3	0.9	20.9	2.4	24.2	16.8	17.0	5.1	189.8	21.4	216.3
August	1.2	1.2	W	18.9	W	21.4	16.8	17.1	5.2	188.5	20.6	214.4
September	1.2	1.2	W	17.8	W	20.8	16.7	16.9	5.1	184.0	19.6	208.6
October	1.1	1.1	0.8	17.3	2.0	20.0	16.3	16.6	4.9	183.4	15.4	203.8
November	1.0	1.1	W	17.1	W	19.3	15.3	15.5	4.8	182.7	14.6	202.1
December	1.0	1.0	0.8	16.5	2.2	19.5	14.7	14.9	4.8	180.7	15.8	201.3
2016	1.1	1.2	0.8	17.7	2.1	20.6	16.1	16.4	5.0	182.8	17.9	205.7
2017												
January	0.9	0.9	0.7	15.1	1.3	17.1	13.9	14.1	4.5	168.1	14.3	186.8
February	1.0	1.0	0.8	16.0	1.0	17.8	14.6	14.8	4.7	176.1	14.4	195.2
March	1.0	1.0	W	16.9	W	19.4	15.1	15.3	5.0	182.8	11.4	199.2
April	1.0	1.0	0.8	17.3	1.6	19.8	15.0	15.3	4.8	182.7	17.3	204.9
May	1.1	1.1	W	19.0	W	21.1	15.3	15.5	4.9	188.8	14.0	207.7
June	1.1	1.1	W	19.5	W	21.8	15.8	16.0	4.9	192.6	12.1	209.7
July	1.1	1.1	0.9	R19.5	1.1	R21.4	15.2	15.5	4.9	R190.7	10.7	R206.3
August	1.1	1.1	W	19.6	W	21.9	15.5	15.8	5.0	195.8	14.6	215.4

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	2.159	2.158	2.174	1.728	1.775	1.807	2.404	2.404	2.321	1.892	-	1.989
2016												
January	1.688	1.687	1.752	1.170	W	1.274	1.981	1.981	1.893	1.341	-	1.468
February	1.450	1.449	1.422	1.019	W	1.090	1.721	1.721	1.564	1.164	-	1.260
March	1.646	1.644	1.728	1.339	1.347	1.407	1.881	1.881	1.918	1.519	-	1.615
April	1.832	1.831	1.845	1.485	1.475	1.548	2.064	2.064	1.985	1.635	-	1.719
May	1.928	1.927	1.864	1.598	1.581	1.642	2.135	2.135	2.011	1.736	-	1.799
June	1.998	1.997	1.929	1.643	1.591	1.688	2.195	2.195	2.090	1.781	-	1.848
July	1.905	1.904	1.834	1.453	1.503	1.519	2.152	2.152	1.955	1.600	-	1.678
August	1.797	1.796	1.677	1.466	W	1.502	2.018	2.018	1.830	1.590	-	1.641
September	1.839	1.838	1.800	1.475	W	1.531	2.076	2.076	1.957	1.611	-	1.687
October	1.869	1.868	1.834	1.536	1.587	1.588	2.112	2.112	2.002	1.682	-	1.754
November	1.830	1.829	1.718	1.400	W	1.456	2.093	2.093	1.842	1.539	-	1.606
December	1.869	1.869	1.723	1.565	1.553	1.592	2.098	2.098	1.885	1.694	-	1.737
2016	1.808	1.807	1.762	1.433	1.462	1.490	2.047	2.047	1.913	1.579	-	1.655
2017												
January	1.952	1.951	1.868	1.604	1.625	1.649	2.195	2.194	2.020	1.744	-	1.807
February	1.954	1.953	1.960	1.609	1.665	1.670	2.225	2.225	2.151	1.774	-	1.861
March	2.000	1.999	2.023	1.615	W	1.685	2.275	2.274	2.180	1.782	-	1.873
April	2.060	2.059	2.052	1.724	1.740	1.779	2.303	2.303	2.217	1.876	-	1.952
May	2.050	2.050	2.071	1.679	W	1.745	2.309	2.309	2.231	1.828	-	1.914
June	1.992	1.991	1.984	1.563	W	1.634	2.260	2.260	2.101	1.711	-	1.793
July	1.942	1.941	1.917	R1.620	1.637	R1.670	2.194	2.193	2.082	R1.759	-	1.825
August	2.021	2.021	2.009	1.691	W	1.745	2.276	2.276	2.189	1.832	-	1.904

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	2.516	2.516	2.357	2.066	2.145	2.144	2.242	2.240	2.214	1.777	1.799	1.860
2016												
January	2.126	2.125	W	1.524	W	1.638	1.792	1.790	1.796	1.221	1.307	1.331
February	1.878	1.878	W	1.333	W	1.408	1.554	1.553	1.471	1.066	1.074	1.143
March	2.029	2.028	1.960	1.668	1.712	1.749	1.737	1.736	1.783	1.388	1.377	1.463
April	2.215	2.215	2.064	1.804	1.779	1.873	1.921	1.921	1.895	1.533	1.514	1.601
May	2.293	2.293	2.091	1.915	1.855	1.960	2.012	2.011	1.917	1.645	1.602	1.694
June	2.351	2.351	2.160	1.957	1.992	2.011	2.079	2.078	1.983	1.690	1.619	1.740
July	2.304	2.304	2.045	1.788	1.824	1.856	1.999	1.998	1.884	1.504	1.524	1.574
August	2.172	2.172	W	1.772	W	1.807	1.885	1.885	1.732	1.513	1.479	1.553
September	2.228	2.228	W	1.797	W	1.860	1.931	1.931	1.855	1.523	1.537	1.585
October	2.275	2.275	2.070	1.857	1.892	1.914	1.963	1.962	1.890	1.584	1.612	1.641
November	2.257	2.257	W	1.723	W	1.780	1.929	1.928	1.770	1.448	1.505	1.509
December	2.263	2.263	1.968	1.864	1.796	1.890	1.959	1.958	1.781	1.609	1.581	1.640
2016	2.201	2.201	1.986	1.755	1.710	1.816	1.900	1.899	1.814	1.481	1.484	1.543
2017												
January	2.359	2.359	2.104	1.908	1.833	1.957	2.044	2.043	1.924	1.648	1.658	1.699
February	2.391	2.390	2.210	1.922	NA	2.000	2.054	2.053	2.019	1.655	1.697	1.723
March	2.439	2.439	W	1.928	W	2.016	2.101	2.100	2.077	1.661	1.698	1.739
April	2.468	2.468	2.286	2.031	1.992	2.097	2.154	2.153	2.108	1.769	1.772	1.831
May	2.478	2.478	W	1.985	W	2.068	2.149	2.148	2.127	1.726	1.728	1.799
June	2.428	2.427	W	1.876	W	1.959	2.092	2.091	2.034	1.611	1.668	1.688
July	2.357	2.356	2.155	R1.930	1.933	R1.988	2.038	2.037	1.974	R1.668	1.674	R1.723
August	2.440	2.440	W	1.997	W	2.065	2.117	2.117	2.068	1.737	1.779	1.798

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	6.8	6.8	14.1	63.5	2.8	80.3	0.9	0.9	0.2	0.8	-	1.1
2016												
January	6.4	6.4	W	61.4	W	77.6	0.9	0.9	0.2	0.7	-	1.0
February	6.5	6.5	W	63.5	W	80.2	0.9	0.9	0.2	0.7	-	1.0
March	6.5	6.5	14.0	62.9	3.1	80.1	0.9	0.9	0.2	0.7	-	1.0
April	6.7	6.7	14.2	64.7	2.5	81.4	0.9	0.9	0.2	0.8	-	1.0
May	6.7	6.8	14.1	64.9	3.7	82.7	1.0	1.0	0.2	0.8	-	1.0
June	7.0	7.0	14.0	67.0	4.0	85.0	1.0	1.0	0.2	0.8	-	1.1
July	6.8	6.8	13.8	65.2	3.7	82.8	1.0	1.0	0.2	0.8	-	1.1
August	6.8	6.8	W	66.1	W	83.2	1.0	1.0	0.2	0.8	-	1.1
September	6.9	6.9	W	65.4	W	82.5	1.0	1.0	0.2	0.8	-	1.0
October	6.8	6.8	13.7	65.2	2.7	81.7	1.0	1.0	0.2	0.7	-	0.9
November	6.6	6.6	W	64.4	W	81.2	0.9	0.9	0.2	0.7	-	0.9
December	6.7	6.7	13.7	64.6	2.6	80.8	0.9	0.9	0.2	0.7	-	0.9
2016	6.7	6.7	13.9	64.6	3.1	81.6	0.9	0.9	0.2	0.8	-	1.0
2017												
January	6.4	6.5	12.7	60.8	2.4	75.9	0.9	0.9	0.2	0.6	-	0.8
February	6.5	6.5	13.2	62.8	2.8	78.8	0.9	0.9	0.2	0.6	-	0.8
March	6.7	6.7	W	65.3	W	81.6	0.9	0.9	0.2	0.7	-	0.8
April	6.6	6.6	13.5	65.2	2.8	81.5	0.9	0.9	0.2	0.7	-	0.9
May	6.8	6.8	W	65.6	W	81.3	0.9	0.9	0.2	0.7	-	0.9
June	7.0	7.1	W	67.0	W	83.0	1.0	1.0	0.2	0.7	-	0.9
July	6.8	6.8	13.3	65.1	2.5	80.9	1.0	1.0	0.2	0.7	-	0.9
August	6.9	6.9	W	66.4	W	82.5	1.0	1.0	0.2	0.7	-	0.9

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	1.5	1.5	3.8	10.4	0.2	14.4	9.2	9.2	18.1	74.7	3.0	95.8
2016												
January	1.5	1.5	W	10.1	W	14.2	8.7	8.7	17.3	72.2	3.2	92.8
February	1.6	1.6	W	10.9	W	15.6	9.0	9.0	18.4	75.1	3.3	96.8
March	1.6	1.6	4.1	10.7	0.3	15.1	9.0	9.0	18.4	74.3	3.4	96.2
April	1.6	1.6	4.1	11.0	0.4	15.5	9.2	9.2	18.6	76.5	2.9	98.0
May	1.6	1.6	4.2	11.2	0.3	15.7	9.3	9.3	18.5	77.0	4.0	99.5
June	1.6	1.6	4.1	11.5	0.3	15.9	9.6	9.7	18.4	79.3	4.3	102.0
July	1.6	1.6	4.1	11.4	0.3	15.8	9.3	9.4	18.2	77.5	4.0	99.7
August	1.6	1.6	W	11.6	W	16.2	9.4	9.5	18.7	78.6	3.1	100.4
September	1.7	1.7	W	11.3	W	15.7	9.5	9.5	18.3	77.5	3.3	99.2
October	1.6	1.6	4.1	11.1	0.2	15.5	9.3	9.3	18.0	77.1	3.0	98.1
November	1.5	1.5	W	11.1	W	15.4	9.1	9.1	17.7	76.2	3.6	97.5
December	1.5	1.5	4.1	11.0	0.3	15.4	9.2	9.2	18.0	76.2	2.9	97.2
2016	1.6	1.6	4.1	11.1	0.3	15.5	9.2	9.2	18.2	76.5	3.4	98.1
2017												
January	1.4	1.4	3.8	10.1	0.4	14.4	8.8	8.8	16.6	71.5	2.9	91.0
February	1.5	1.5	4.0	10.6	0.3	14.9	8.9	8.9	17.3	74.1	3.1	94.5
March	1.5	1.5	W	11.1	W	15.5	9.1	9.2	18.0	77.1	2.8	98.0
April	1.5	1.5	4.1	11.2	0.4	15.7	9.0	9.1	17.9	77.0	3.2	98.1
May	1.6	1.6	W	11.7	W	16.1	9.3	9.3	17.9	78.0	2.4	98.3
June	1.6	1.6	W	11.8	W	16.2	9.6	9.6	17.9	79.5	2.7	100.1
July	1.6	1.6	4.1	11.5	0.3	16.0	9.3	9.4	17.7	77.3	2.8	R97.7
August	1.6	1.6	W	11.7	W	16.2	9.4	9.4	18.0	78.8	2.7	99.6

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	1.529	0.971	1.227	0.999	1.285	0.996
2016						
January	W	0.477	0.641	0.502	0.710	0.499
February	NA	0.475	0.606	0.508	0.632	0.504
March	NA	0.582	0.672	0.555	0.693	0.558
April	W	0.633	0.734	0.614	0.782	0.616
May	W	0.729	0.868	0.722	0.922	0.723
June	W	0.850	0.911	0.823	0.983	0.825
July	W	0.876	0.948	0.834	1.030	0.835
August	W	0.842	0.924	0.811	0.990	0.815
September	W	0.846	1.059	0.855	1.076	0.854
October	W	0.961	1.091	0.935	1.115	0.938
November	NA	0.920	1.040	0.907	1.106	0.908
December	W	1.024	1.206	1.031	1.230	1.030
2016	1.138	0.736	0.897	0.746	0.945	0.745
2017						
January	W	1.099	1.249	1.121	1.309	1.119
February	W	1.174	1.243	1.115	1.291	1.121
March	W	1.103	1.186	1.075	1.239	1.077
April	W	1.038	1.147	1.039	1.201	1.039
May	W	0.986	1.153	1.047	1.213	1.043
June	W	0.937	1.129	0.995	1.195	0.991
July	W	1.026	1.154	1.040	1.211	1.039
August	W	1.042	1.142	1.081	1.204	1.079

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

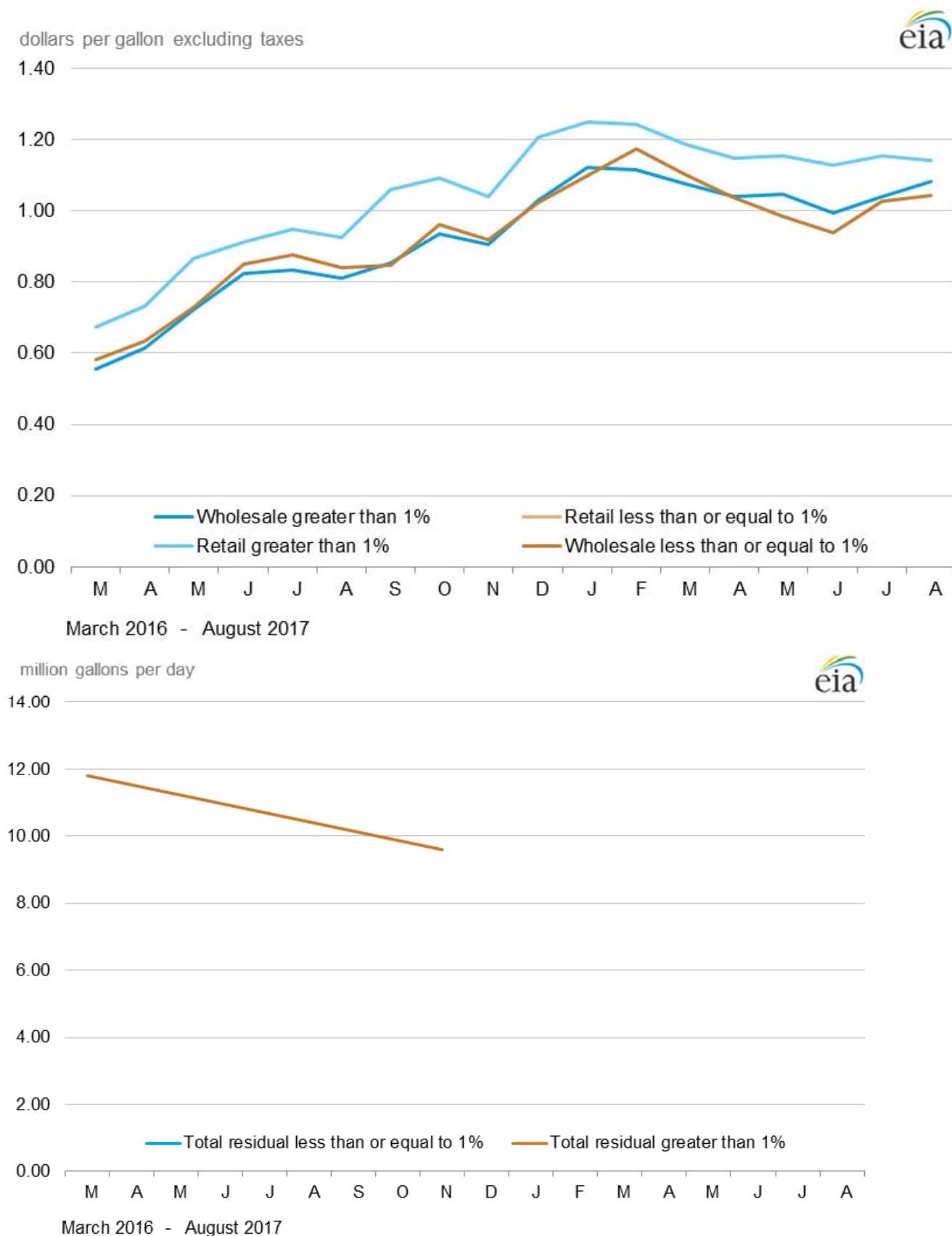
Year month	Sulfur less than or equal to 1%		Sulfur greater than 1%		Total	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
1985	11.4	7.0	13.8	12.9	25.2	19.9
1986	15.2	7.9	16.4	10.7	31.6	18.6
1987	15.1	7.8	13.9	9.1	29.0	16.9
1988	14.2	8.7	15.9	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	0.8	0.9	3.3	7.1	4.0	8.1
2016						
January	W	1.0	W	8.3	4.1	9.3
February	NA	1.2	3.4	8.2	3.9	9.3
March	NA	0.7	3.3	8.5	4.1	9.2
April	W	1.2	W	7.8	4.2	9.0
May	W	1.3	W	8.6	3.9	9.9
June	W	0.6	W	8.3	3.8	8.9
July	W	0.3	W	7.4	4.3	7.6
August	W	0.9	W	7.2	4.4	8.1
September	W	0.5	W	7.4	4.7	7.9
October	W	1.0	W	6.1	4.4	7.1
November	NA	0.7	3.1	6.5	4.0	7.2
December	W	0.6	W	7.0	4.2	7.6
2016	0.8	0.8	3.3	7.6	4.2	8.4
2017						
January	W	0.5	W	6.2	3.9	6.6
February	W	0.6	W	5.6	4.4	6.2
March	W	0.4	W	5.5	4.6	5.9
April	W	0.3	W	5.9	3.8	6.2
May	W	0.3	W	5.5	3.8	5.9
June	W	0.5	W	7.6	3.7	8.2
July	W	0.6	W	5.7	3.4	6.3
August	W	0.4	W	7.6	3.7	8.0

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



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	44.39	44.58	37.65	W	38.98	33.72	42.44	43.97	44.51	43.16	45.38	45.38	40.10
2016													
January	27.02	27.39	22.06	W	26.37	18.94	25.85	27.90	28.47	26.72	28.80	29.56	24.26
February	25.52	25.84	20.70	W	25.27	17.38	24.06	26.12	26.31	25.19	27.73	28.35	22.83
March	31.87	32.14	29.80	W	33.03	25.64	31.44	33.25	33.18	32.64	34.18	35.43	30.58
April	35.59	35.83	29.39	W	35.93	23.80	35.19	36.49	36.50	35.45	37.23	41.33	33.70
May	41.02	41.24	38.97	W	40.70	36.44	40.73	42.30	42.16	41.46	42.89	47.05	39.61
June	43.96	44.35	40.49	W	43.94	35.98	43.70	44.18	44.26	43.44	45.44	49.20	41.46
July	40.71	41.16	37.24	W	40.58	34.34	40.32	40.71	40.99	39.88	41.45	45.11	38.24
August	40.46	40.84	37.33	W	40.51	34.14	39.68	40.75	40.82	39.77	41.53	45.16	38.28
September	40.55	40.92	38.06	W	40.67	35.49	39.85	40.78	40.85	39.85	41.73	45.59	38.34
October	45.00	45.39	42.20	W	45.20	37.98	44.99	45.37	45.27	44.72	46.70	50.39	43.19
November	41.65	42.01	39.46	W	41.44	37.01	40.79	43.90	45.23	40.53	43.30	46.20	38.97
December	47.12	47.40	45.03	W	47.19	42.26	46.59	44.05	42.34	46.73	47.22	52.57	45.28
2016	38.29	38.64	34.88	W	38.50	31.11	37.62	38.85	38.97	37.87	39.95	43.07	36.22
2017													
January	48.19	48.47	46.27	W	48.14	43.95	47.16	48.20	48.11	47.67	49.16	53.17	46.07
February	49.41	49.70	46.67	W	48.74	43.99	48.89	49.35	48.82	48.09	50.12	53.79	46.62
March	46.39	46.55	43.98	W	44.89	42.42	45.17	45.90	45.69	44.33	46.26	50.19	42.85
April	47.23	47.47	45.42	W	46.33	44.62	46.52	47.08	47.05	46.23	47.55	51.67	44.63
May	45.19	45.42	42.58	W	43.72	41.56	44.57	44.55	44.46	43.69	45.09	49.23	42.24
June	42.19	42.44	39.34	W	40.60	38.25	41.26	41.16	41.11	40.38	39.87	45.79	38.87
July	43.42	43.56	40.98	W	41.63	39.75	42.74	42.61	42.51	41.81	43.63	46.97	40.40
August	44.96	45.15	41.89	W	43.20	39.95	44.68	44.15	44.05	43.08	44.77	48.72	41.48

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	41.42	38.40	44.96	42.73	45.61	44.55	43.04	48.43	46.81	44.40	44.95	47.67
2016												
January	24.80	22.66	27.84	24.32	28.16	26.95	26.11	29.50	27.69	27.48	27.35	30.54
February	22.72	22.22	26.40	23.34	26.57	25.39	24.66	28.10	26.13	26.60	26.47	26.75
March	30.35	30.64	33.09	30.56	32.38	31.96	32.30	34.98	33.13	32.92	33.01	30.14
April	34.54	31.45	36.45	33.60	36.19	35.79	35.07	38.81	36.78	36.15	36.56	34.99
May	39.47	40.19	42.71	39.60	41.53	41.58	40.80	44.53	42.52	42.11	42.52	38.48
June	42.80	43.41	45.33	42.48	44.95	44.90	42.75	47.30	44.78	44.99	45.35	43.64
July	39.58	39.59	41.80	38.72	41.82	40.79	38.99	43.21	41.16	41.25	41.62	42.54
August	38.53	39.24	41.63	38.66	41.40	40.46	38.81	43.00	40.94	41.18	41.44	41.29
September	38.70	39.89	41.71	38.86	41.40	40.57	38.80	43.07	41.03	41.35	41.55	40.94
October	44.37	44.81	46.07	44.24	45.62	45.51	43.45	48.11	45.89	45.79	46.19	43.98
November	39.67	40.92	42.53	39.86	42.68	41.27	39.26	44.38	41.79	42.25	42.49	43.22
December	45.32	46.90	48.94	45.75	47.74	47.18	45.97	49.97	47.59	48.74	48.76	44.96
2016	36.51	37.04	39.51	36.39	39.19	38.53	37.21	41.08	39.18	39.18	39.35	38.63
2017												
January	45.87	47.38	49.24	45.92	48.92	47.90	46.32	50.52	47.70	49.44	49.41	47.67
February	48.26	48.26	50.23	47.90	50.04	49.21	47.10	51.43	48.68	50.46	50.45	48.97
March	44.40	44.39	46.74	43.97	47.08	45.94	43.37	48.11	45.44	46.72	46.77	47.91
April	45.62	45.88	48.24	45.38	47.82	47.50	44.73	49.68	46.99	47.29	47.93	47.63
May	44.06	43.48	45.74	42.83	45.77	45.47	42.16	47.54	44.96	44.56	45.37	47.09
June	40.62	40.91	42.60	39.54	42.90	42.02	38.88	44.27	41.86	41.75	42.52	44.33
July	42.08	42.34	44.13	41.42	43.89	43.86	40.16	45.81	43.35	43.33	43.87	44.05
August	44.25	43.84	45.79	43.04	45.27	45.56	42.02	47.56	45.33	44.79	45.37	45.05

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	40.58	40.51	40.38	40.69	40.64	43.58	41.11	W	45.63	37.62
2016										
January	24.42	24.17	23.92	26.10	24.13	24.57	21.65	W	27.15	W
February	23.93	23.18	22.16	28.06	23.45	23.42	20.89	W	25.75	W
March	30.86	31.64	29.68	32.68	29.89	30.56	28.12	W	32.89	W
April	34.19	35.40	33.38	33.38	33.68	33.97	32.02	W	35.69	W
May	39.74	41.31	38.90	38.42	39.16	39.59	37.81	W	41.31	W
June	42.95	44.07	41.90	42.01	42.69	40.17	37.90	W	42.12	W
July	39.67	41.59	38.35	38.29	39.07	36.36	33.32	W	38.76	W
August	39.22	41.23	37.45	38.27	38.53	37.46	34.27	W	40.05	W
September	39.41	40.61	37.50	39.06	39.07	37.78	34.47	W	40.47	W
October	44.37	45.26	43.23	43.30	44.32	42.36	39.17	W	45.21	W
November	40.10	40.70	38.77	39.46	40.22	38.51	36.40	W	40.49	W
December	45.73	46.21	44.36	44.93	46.12	45.26	43.07	W	47.41	W
2016	36.68	37.81	35.40	36.92	35.98	35.68	33.13	W	37.96	W
2017										
January	46.14	47.14	44.74	44.83	46.23	46.55	43.91	W	49.00	W
February	48.06	49.79	46.75	45.88	47.94	47.42	45.01	W	49.73	W
March	44.44	45.09	43.36	43.79	44.49	45.24	43.95	W	46.52	W
April	45.54	46.62	44.17	43.34	46.07	45.89	43.63	W	48.10	W
May	43.62	44.04	42.48	42.76	44.07	43.65	41.59	W	45.65	W
June	40.56	40.77	38.94	40.44	40.90	40.15	37.40	W	42.30	W
July	41.64	41.92	40.40	40.23	42.63	42.48	40.56	W	44.04	W
August	43.34	43.55	42.49	42.15	44.02	44.46	41.15	W	46.94	W

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	41.11	44.71	43.81	47.83	47.91	46.27	44.58	45.78	41.77
2016									
January	21.65	26.39	24.98	30.14	29.26	27.73	27.29	28.66	25.36
February	20.89	24.58	23.07	28.27	27.36	23.93	26.52	27.48	25.09
March	28.12	31.85	31.35	33.12	34.04	28.54	32.75	33.67	32.31
April	32.02	34.66	34.11	37.79	37.78	32.97	36.19	36.63	35.94
May	37.81	40.15	39.20	42.27	43.19	37.12	42.18	42.34	41.89
June	37.90	40.44	39.12	46.40	46.25	41.60	44.98	45.30	44.57
July	33.32	37.10	37.22	43.12	42.93	40.20	41.24	41.68	40.99
August	34.27	39.46	38.61	42.71	42.23	39.14	41.16	41.53	40.83
September	34.47	39.45	38.53	42.60	42.14	38.70	41.36	40.88	41.21
October	39.17	44.21	43.50	46.92	46.92	41.84	45.95	45.08	46.09
November	36.40	39.48	39.23	44.35	43.22	41.27	42.38	42.20	42.19
December	43.07	46.46	45.74	48.18	48.70	43.41	48.63	48.66	47.27
2016	33.13	36.83	36.12	40.37	40.56	36.75	39.20	39.44	37.86
2017									
January	43.91	47.73	47.17	50.28	49.41	45.84	49.42	48.73	47.82
February	45.01	48.71	48.06	51.11	50.41	47.07	50.62	49.25	49.94
March	43.95	45.60	45.23	48.88	47.06	45.86	46.83	45.96	45.96
April	43.63	46.90	46.78	49.94	48.50	45.80	47.50	47.23	47.56
May	41.59	44.62	44.30	48.49	46.43	45.00	44.93	44.87	45.02
June	37.40	41.43	41.01	45.29	43.26	42.38	42.08	42.25	41.83
July	40.56	43.10	42.63	46.18	44.62	42.21	43.35	43.67	43.66
August	41.15	46.03	45.63	47.90	46.41	43.13	44.94	45.16	44.72

- = 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	43.88	45.71	40.73	46.82	44.67	43.65
2016						
January	26.13	27.33	21.54	28.96	27.30	26.42
February	24.37	25.95	20.75	26.67	26.41	24.83
March	31.93	33.32	27.70	31.90	32.98	31.98
April	34.72	35.99	31.68	35.92	36.51	35.84
May	40.00	41.97	37.41	40.94	42.41	41.45
June	40.44	43.04	37.93	44.51	45.16	44.47
July	37.34	39.42	33.47	41.82	41.55	40.99
August	39.18	40.46	34.17	41.22	41.40	40.46
September	39.39	40.76	34.40	40.88	41.55	40.70
October	44.28	45.53	39.13	44.77	46.22	45.81
November	39.72	41.31	36.30	42.59	42.57	41.49
December	46.54	47.95	42.98	46.67	48.69	47.52
2016	36.87	38.52	32.94	38.95	39.33	38.25
2017						
January	48.35	49.32	43.77	48.25	49.47	48.12
February	48.82	49.78	44.88	49.22	50.68	49.64
March	45.70	46.37	43.79	46.92	46.93	46.04
April	47.17	48.43	43.53	47.66	47.78	47.32
May	44.77	46.00	41.55	46.07	45.26	45.31
June	41.46	43.25	37.41	43.36	42.31	42.10
July	43.22	44.58	40.48	43.96	43.61	43.62
August	46.18	47.20	41.12	45.26	45.18	45.44

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	W	47.52	44.90	W	47.53	-	40.73	46.95	43.25	41.19
2016										
January	W	W	24.12	W	26.24	-	20.73	25.73	25.05	22.66
February	W	24.91	24.50	37.83	27.46	-	22.57	26.58	27.01	23.35
March	35.33	30.47	29.01	W	34.14	-	27.31	32.32	31.37	28.35
April	W	33.57	30.79	W	37.13	-	29.07	35.67	34.08	31.92
May	W	39.00	39.04	W	42.44	W	36.65	40.55	40.51	37.04
June	49.56	41.64	42.27	48.79	45.16	-	39.33	43.77	43.73	40.22
July	45.00	36.91	39.99	W	42.11	-	35.69	40.91	39.61	38.09
August	W	36.80	38.73	W	42.48	-	37.56	40.44	40.44	36.78
September	W	40.36	38.44	W	42.31	-	36.95	40.37	40.01	37.18
October	W	40.59	42.91	W	47.10	-	40.38	45.17	44.66	40.37
November	W	39.80	39.55	W	42.50	W	38.39	41.40	42.31	38.33
December	W	45.27	45.34	W	48.79	W	44.75	47.95	47.44	42.34
2016	42.68	35.28	36.22	46.20	39.30	W	34.71	38.76	38.51	34.81
2017										
January	-	47.92	45.50	W	W	-	45.94	47.61	47.30	43.27
February	W	46.97	45.91	W	51.21	-	45.69	50.06	49.11	43.63
March	W	46.05	42.10	W	48.54	-	42.47	47.83	46.85	41.73
April	W	46.76	44.32	W	50.00	W	43.59	48.93	47.09	41.47
May	W	44.70	44.85	W	47.95	-	41.08	47.14	45.58	42.66
June	W	41.30	41.86	48.88	R45.41	-	39.16	R44.41	R43.52	40.28
July	W	R44.44	R44.33	R50.26	46.73	-	R41.72	45.79	R45.34	R40.37
August	W	47.16	46.15	51.45	48.75	-	45.25	47.40	47.89	42.18

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary.

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

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

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 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	51.73	41.99	49.53	45.51	54.70	49.78	W	42.87	49.43	47.44	44.09
2016											
January	34.83	26.32	26.23	24.82	W	30.96	-	21.64	30.85	28.94	26.33
February	33.04	24.62	26.32	25.19	39.44	31.86	W	23.49	30.91	29.63	25.43
March	36.68	29.31	33.38	29.65	42.86	36.19	W	28.83	34.84	34.02	30.35
April	40.91	34.19	36.71	31.91	W	39.75	-	31.20	38.00	36.80	34.42
May	49.14	38.43	42.28	39.67	W	43.46	W	38.14	42.56	42.48	39.55
June	49.06	41.97	43.88	42.50	51.05	45.90	-	40.04	44.70	44.70	42.65
July	47.04	39.41	40.90	40.30	48.46	43.80	W	37.00	42.77	41.78	40.48
August	49.43	37.84	40.78	39.34	50.20	43.67	W	38.66	42.74	42.46	39.01
September	46.15	38.62	43.43	38.86	49.91	44.22	-	38.11	43.31	42.62	39.60
October	48.88	41.79	43.44	43.44	W	46.95	-	41.61	45.50	45.65	42.64
November	49.08	39.81	42.97	40.20	52.80	47.04	W	39.53	45.68	44.98	40.52
December	53.63	43.34	48.83	45.84	55.62	50.38	W	45.69	49.38	49.07	44.83
2016	44.65	36.27	38.86	36.64	48.11	42.14	W	35.50	41.20	40.54	37.09
2017											
January	-	44.70	49.17	46.35	54.74	50.40	W	47.53	49.35	49.22	45.77
February	W	44.97	49.66	46.57	54.42	52.34	-	46.28	51.09	50.57	46.26
March	W	43.00	48.29	42.97	W	50.36	W	43.91	49.61	48.93	43.96
April	W	43.05	48.38	44.65	W	50.18	W	44.55	49.04	48.47	44.31
May	W	44.26	45.86	45.51	51.83	49.06	W	43.50	47.26	47.30	45.25
June	R50.74	41.75	44.89	R42.36	50.36	R47.88	W	R40.88	R46.76	R45.71	42.67
July	R50.20	R41.57	R46.72	R45.04	R50.91	R47.64	-	R42.23	R46.90	R46.59	43.34
August	W	43.39	48.17	46.74	52.39	49.45	-	45.81	47.84	48.43	45.15

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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), Equatorial Guinea (May 2017-present), Gabon (July 2016-present), Indonesia (1996-2008 and January 2016-November 2016), Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates and Venezuela.

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

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

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	13.12	14.94	17.49	17.61	19.37	19.88	19.77
1998	7.00	8.95	10.77	11.73	12.91	13.12	12.92
1999	12.13	14.49	17.07	17.33	18.03	18.81	17.00
2000	21.81	23.75	26.49	27.09	28.77	29.55	29.89
2001	16.17	17.23	21.84	21.60	23.84	24.80	25.72
2002	18.78	20.51	23.48	24.20	24.92	25.20	25.16
2003	21.88	24.09	25.65	27.49	28.67	29.35	28.64
2004	28.95	30.53	33.65	35.57	38.51	39.90	39.26
2005	40.54	41.52	49.26	50.82	54.65	56.47	52.83
2006	50.19	51.62	58.25	60.27	64.36	66.43	64.85
2007	56.69	60.14	69.31	71.44	73.46	74.27	70.10
2008	81.25	83.07	96.68	94.56	98.17	102.32	100.20
2009	54.76	54.36	56.30	59.78	63.63	62.10	63.32
2010	69.51	69.72	76.73	77.48	79.45	79.43	81.04
2011	94.66	94.15	103.09	107.24	111.37	114.28	112.74
2012	96.07	94.35	104.28	103.99	106.59	110.99	119.48
2013	93.91	91.27	100.20	101.44	104.26	108.78	103.41
2014	82.40	80.16	92.53	93.77	94.26	99.49	W
2015	40.07	38.33	47.33	47.85	49.98	54.59	W
2016							
January	20.34	20.28	25.86	28.16	31.02	-	W
February	22.26	21.01	27.87	28.75	31.81	-	W
March	26.73	26.28	30.41	35.21	36.02	-	43.97
April	29.03	29.56	36.10	37.84	41.01	W	W
May	35.85	35.31	40.01	45.82	44.77	-	W
June	39.85	37.92	43.98	46.85	46.52	48.02	W
July	35.86	35.44	40.31	42.71	45.54	47.25	W
August	36.66	34.38	40.91	42.03	44.06	44.74	W
September	36.61	34.21	43.14	42.79	44.64	W	W
October	39.96	38.47	42.12	46.98	49.33	49.07	W
November	37.63	36.38	43.00	44.07	46.26	49.59	W
December	43.28	40.43	47.74	48.54	51.10	51.86	52.61
2016	34.05	32.66	38.81	40.61	42.86	48.63	46.94
2017							
January	44.96	41.10	47.97	50.44	50.01	-	W
February	44.33	42.25	48.44	50.93	50.29	51.84	W
March	41.90	39.38	47.25	49.87	50.83	52.79	W
April	42.20	40.15	45.56	49.43	48.69	49.92	W
May	41.78	40.50	42.18	49.71	48.59	51.24	50.00
June	38.25	R38.65	43.53	46.14	46.53	45.83	W
July	R39.87	R39.42	R45.14	R45.65	R46.32	R48.92	W
August	42.39	41.37	46.11	48.26	48.45	52.16	W

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary

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 24. Landed costs of imported crude oil by API gravity
dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	14.42	15.79	18.57	18.42	20.34	21.09	20.85
1998	8.19	9.73	11.81	12.31	13.73	14.40	14.38
1999	13.40	15.30	17.33	17.81	18.18	19.22	18.48
2000	23.49	24.71	27.60	27.91	29.99	30.37	31.10
2001	17.66	18.14	23.29	22.21	24.86	26.59	26.49
2002	20.59	21.33	24.40	24.91	25.73	26.49	25.96
2003	23.87	25.15	27.78	28.78	29.95	30.73	30.90
2004	30.96	31.92	35.99	37.94	39.82	41.25	41.59
2005	42.20	42.24	49.94	52.18	54.95	58.38	56.43
2006	51.84	52.62	59.38	61.88	64.80	68.44	66.78
2007	59.01	60.64	68.95	72.03	73.17	75.68	73.57
2008	85.39	84.76	97.30	96.83	99.90	103.68	99.23
2009	56.38	55.68	61.28	62.43	64.80	64.82	63.90
2010	71.54	71.07	78.35	79.64	81.25	81.09	82.17
2011	96.89	93.32	106.06	108.76	110.93	115.40	113.24
2012	97.49	91.32	105.92	107.23	107.27	112.70	115.67
2013	95.87	88.35	101.63	102.97	104.39	110.66	105.88
2014	85.31	81.44	93.64	95.20	94.50	100.17	100.25
2015	43.20	41.14	49.58	50.16	50.78	54.54	51.70
2016							
January	22.58	23.84	28.81	32.31	33.96	W	W
February	24.13	23.06	30.59	31.54	32.82	W	W
March	28.96	28.49	35.00	36.39	36.45	W	46.17
April	31.16	32.03	38.03	39.61	41.84	42.79	W
May	38.32	37.95	44.04	44.45	45.26	47.93	W
June	40.90	40.39	44.61	47.16	48.13	50.67	W
July	37.91	37.94	43.00	44.37	47.85	48.61	W
August	38.22	36.47	43.35	44.02	45.83	46.60	W
September	37.99	36.77	44.73	44.69	46.71	46.95	W
October	41.56	40.47	44.81	47.69	49.80	50.10	W
November	39.80	37.88	46.14	46.52	48.22	50.71	52.19
December	44.68	42.56	50.07	50.81	51.77	52.85	54.19
2016	35.85	34.78	41.73	42.14	44.49	48.15	48.93
2017							
January	46.52	43.28	49.62	51.68	51.39	W	W
February	46.12	44.26	50.49	52.76	52.73	55.13	W
March	44.21	41.81	48.25	51.15	51.67	53.80	W
April	44.29	42.59	48.59	50.09	50.76	51.84	W
May	43.89	43.00	46.77	50.28	51.31	53.66	51.87
June	R41.20	R40.99	R46.56	R48.27	R48.71	48.07	49.17
July	R41.78	R42.06	R47.40	R47.79	R48.15	R49.96	R50.85
August	44.13	43.46	48.13	49.91	50.45	53.25	52.19

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R = Revised data.

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

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

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	6.05	21.88	13.33	34.43	21.28	1.77	1.27
1998	5.84	20.29	13.99	35.62	20.81	1.88	1.57
1999	4.76	17.78	14.18	36.54	21.46	3.72	1.57
2000	6.21	18.88	13.41	36.90	19.83	3.44	1.35
2001	7.97	20.78	11.60	36.10	19.63	2.71	1.21
2002	8.28	22.29	11.44	35.28	18.29	2.67	1.75
2003	8.29	24.25	9.97	35.60	17.19	2.70	1.99
2004	11.13	23.70	8.18	34.57	17.68	2.10	2.64
2005	11.94	22.83	10.20	31.87	16.92	3.68	2.55
2006	13.04	23.28	11.18	28.22	15.73	5.82	2.74
2007	11.72	23.12	11.18	28.86	16.71	5.57	2.84
2008	13.22	23.50	11.51	30.42	14.64	4.24	2.47
2009	14.08	26.11	7.78	29.74	13.76	5.65	2.88
2010	15.13	26.01	5.35	30.73	14.35	5.57	2.86
2011	17.20	27.47	6.02	30.64	13.42	3.58	1.68
2012	16.66	29.77	8.41	28.31	12.84	3.36	0.65
2013	16.20	33.87	8.74	29.98	9.67	1.28	0.27
2014	18.49	36.73	9.78	26.96	7.19	0.75	0.11
2015	19.51	38.05	8.63	26.17	7.15	0.43	0.06
2016							
January	14.67	39.97	8.05	28.29	7.58	W	W
February	17.08	39.91	7.33	26.90	7.41	W	W
March	15.99	39.89	7.09	28.81	7.00	W	W
April	15.21	41.12	5.90	26.43	8.70	W	W
May	15.78	44.08	8.63	21.39	7.76	W	W
June	16.03	37.92	10.60	22.94	7.74	W	W
July	16.33	39.01	10.91	23.35	7.65	W	W
August	19.78	35.51	8.22	24.34	10.03	W	W
September	17.14	38.13	7.52	24.58	11.10	W	W
October	17.49	38.52	5.78	25.72	8.69	W	W
November	17.99	35.22	10.62	22.64	9.46	2.36	1.72
December	16.78	38.02	9.82	23.82	7.94	2.21	1.41
2016	16.70	38.88	8.43	24.92	8.42	1.43	1.22
2017							
January	16.08	43.15	8.85	23.05	8.11	W	W
February	15.08	42.10	8.11	23.00	7.78	W	W
March	15.90	39.72	8.14	26.40	5.94	W	W
April	15.21	43.07	7.54	21.93	9.02	W	W
May	17.29	38.96	11.17	20.57	7.70	1.87	2.45
June	R18.84	R41.36	R8.98	R20.08	R7.05	R1.41	R2.29
July	R18.39	R37.31	R13.49	R18.84	R7.27	R2.25	R2.45
August	20.64	38.49	7.62	18.05	10.06	2.60	2.53

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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	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	42.30	W	W
1st quarter average	W	47.16	44.76	W	44.72
April	-	W	44.54	W	W
May	-	W	44.98	W	W
June	-	W	42.07	W	W
2nd quarter average	-	R44.20	43.74	W	44.88
July	-	W	R44.33	W	W
August	-	W	46.24	-	W

- = 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	W	47.77	38.90	47.18	38.51
2016					
January	W	W	21.81	29.17	W
February	-	-	20.43	28.12	W
March	W	-	26.96	34.53	W
1st quarter average	W	W	22.99	30.06	W
April	-	-	31.38	38.30	W
May	W	-	35.84	42.53	W
June	W	-	39.70	46.22	W
2nd quarter average	W	-	35.87	42.16	W
July	W	-	36.70	44.75	W
August	W	-	34.94	42.99	W
September	-	W	34.66	43.94	W
3rd quarter average	W	W	35.44	43.88	W
October	52.01	-	40.05	46.75	W
November	49.15	W	36.32	41.11	W
December	53.37	-	41.50	48.31	W
4th quarter average	51.60	W	39.28	45.56	W
2016	49.82	W	33.43	40.04	W
2017					
January	-	-	41.70	48.94	W
February	W	-	43.43	50.94	W
March	W	W	39.96	47.85	-
1st quarter average	W	W	41.57	48.98	W
April	W	W	40.36	48.77	-
May	53.31	-	42.47	48.62	-
June	W	-	40.38	45.23	-
2nd quarter average	51.76	W	41.10	47.52	-
July	W	W	41.14	45.27	-
August	W	W	42.45	47.35	-

See footnotes at end of table.

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

dollars per barrel

Year quarter month	Ecuadorian Oriente	Ecuadorian Napo	Iraqi Basrah Light	Mexican Mayan	Nigerian Bonny Light
2005	46.42	-	-	41.54	57.12
2006	56.75	-	-	52.04	69.29
2007	64.57	-	-	60.93	77.90
2008	87.25	-	-	84.29	108.46
2009	56.97	48.74	64.38	56.03	68.30
2010	75.48	72.97	77.96	70.87	84.10
2011	101.74	97.91	106.67	98.81	116.95
2012	105.50	101.53	106.93	100.29	117.70
2013	104.14	100.01	102.70	97.43	W
2014	91.65	93.11	96.95	86.49	W
2015	49.65	41.84	49.50	44.08	59.92
2016					
January	28.35	26.72	30.55	25.03	W
February	28.24	28.25	29.27	25.46	-
March	35.40	30.07	35.16	29.82	-
1st quarter average	31.19	28.06	31.74	26.83	W
April	38.81	35.05	34.37	31.81	-
May	42.31	39.83	43.44	39.77	-
June	45.43	43.22	43.60	42.81	-
2nd quarter average	42.15	39.65	40.55	38.08	-
July	42.50	38.82	43.78	40.49	-
August	41.32	40.07	41.98	39.39	-
September	43.17	41.35	42.47	39.05	-
3rd quarter average	42.40	39.97	42.72	39.63	-
October	46.21	W	44.37	43.76	-
November	44.69	42.20	43.11	40.32	-
December	48.95	46.47	47.72	45.99	-
4th quarter average	46.30	44.15	44.72	43.22	-
2016	40.68	37.46	39.90	36.79	W
2017					
January	51.02	W	48.34	46.58	-
February	W	W	50.16	46.55	-
March	49.90	46.39	48.41	43.12	-
1st quarter average	50.39	47.12	48.94	45.54	-
April	49.89	49.17	47.51	44.90	-
May	47.80	44.72	46.06	45.60	W
June	45.70	W	R45.80	R42.50	-
2nd quarter average	47.85	45.00	R46.43	R44.23	W
July	R46.85	W	R46.46	R45.02	-
August	49.26	47.76	47.83	46.82	-

See footnotes at end of table.

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

dollars per barrel

Year quarter month	Nigerian Qua Iboe	Saudi Arabian Light	Saudi Arabian Medium	Saudi Arabian Berri	Venezuelan Merey
2005	-	52.92	48.92	-	-
2006	-	60.51	58.10	-	-
2007	-	71.62	70.09	-	-
2008	-	94.38	91.46	-	-
2009	68.26	63.10	61.87	59.72	60.15
2010	84.44	79.65	78.13	81.14	71.59
2011	117.02	109.43	107.12	110.77	100.36
2012	116.48	108.93	106.83	110.03	103.28
2013	112.47	103.44	101.44	107.00	100.69
2014	W	96.83	94.47	96.68	91.73
2015	W	50.00	48.66	52.83	45.77
2016					
January	W	30.78	31.18	W	W
February	W	31.67	31.36	33.68	W
March	-	36.81	35.39	36.48	30.21
1st quarter average	W	33.05	33.09	34.54	26.18
April	W	40.26	38.92	41.25	W
May	W	44.02	41.76	47.00	39.92
June	-	46.72	44.48	47.42	42.92
2nd quarter average	W	43.60	41.67	45.29	39.49
July	-	44.18	42.76	46.66	41.62
August	-	43.75	42.90	45.27	39.95
September	-	44.23	43.65	45.28	40.29
3rd quarter average	-	44.07	43.12	45.49	40.49
October	W	48.24	45.46	48.12	44.07
November	W	46.46	45.60	48.23	42.50
December	W	51.42	49.09	51.38	46.60
4th quarter average	W	48.94	47.02	49.34	44.56
2016	W	41.25	41.62	45.62	38.97
2017					
January	W	51.78	49.33	51.41	47.49
February	W	53.09	50.81	53.95	47.09
March	W	50.62	49.73	51.29	43.92
1st quarter average	W	51.61	49.90	52.20	46.25
April	W	50.42	49.05	51.78	46.49
May	W	48.91	48.31	51.47	W
June	W	R47.64	R47.44	R50.19	43.21
2nd quarter average	W	R49.16	R48.25	R51.27	45.96
July	W	R47.97	R46.33	W	W
August	-	W	48.22	W	W

- = 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 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]	
United States												
August 2017	1.879	1.794	1.666	2.175	1.974	1.852	2.387	2.121	2.028	1.954	1.833	1.711
July 2017	1.795	1.721	1.576	2.090	1.940	1.757	2.304	1.948	1.934	1.872	1.758	1.621
August 2016	1.687	1.678	1.465	1.945	NA	1.637	2.143	1.897	1.810	1.755	1.708	1.508
PAD District 1												
August 2017	1.747	1.671	1.614	2.004	W	1.788	2.222	W	1.963	1.815	1.680	1.658
July 2017	1.660	1.569	1.525	1.926	W	1.699	2.148	W	1.879	1.732	1.593	1.570
August 2016	1.547	1.445	1.406	1.802	W	1.573	2.018	W	1.752	1.617	1.498	1.449
Subdistrict 1A												
August 2017	W	W	1.659	W	-	1.747	W	-	1.946	W	W	1.699
July 2017	W	W	1.581	W	-	1.692	W	-	1.904	W	W	1.622
August 2016	W	W	1.453	W	-	1.547	W	-	1.779	W	W	1.494
Connecticut												
August 2017	-	W	1.663	-	-	1.787	-	-	1.965	-	W	1.712
July 2017	-	W	1.588	-	-	1.713	-	-	1.944	-	W	1.637
August 2016	-	W	1.454	-	-	1.567	-	-	1.805	-	W	1.506
Maine												
August 2017	-	-	1.671	-	-	W	-	-	W	-	-	1.695
July 2017	-	-	1.601	-	-	W	-	-	W	-	-	1.627
August 2016	-	-	1.479	-	-	W	-	-	W	-	-	1.503
Massachusetts												
August 2017	W	-	1.662	W	-	NA	W	-	1.916	W	-	1.698
July 2017	W	-	1.593	W	-	NA	W	-	1.849	W	-	1.631
August 2016	W	-	1.441	W	-	1.504	W	-	1.737	W	-	1.485
New Hampshire												
August 2017	W	-	W	W	-	-	W	-	W	W	-	W
July 2017	W	-	W	W	-	-	W	-	W	W	-	W
August 2016	W	-	W	W	-	-	W	-	W	W	-	W
Rhode Island												
August 2017	W	-	W	W	-	W	W	-	W	W	-	W
July 2017	W	-	W	W	-	W	W	-	W	W	-	W
August 2016	W	-	W	W	-	W	W	-	W	W	-	W
Vermont												
August 2017	-	-	1.623	-	-	W	-	-	1.921	-	-	1.659
July 2017	-	-	1.537	-	-	W	-	-	1.823	-	-	1.570
August 2016	-	-	1.433	-	-	W	-	-	1.673	-	-	1.461
Subdistrict 1B												
August 2017	1.783	-	1.620	2.025	-	1.745	2.223	-	1.899	1.862	-	1.659
July 2017	1.706	-	1.550	1.952	-	1.671	2.156	-	1.833	1.788	-	1.589
August 2016	1.583	W	1.406	1.819	W	1.538	2.017	W	1.691	1.664	W	1.444
Delaware												
August 2017	W	-	1.625	W	-	1.717	W	-	1.837	W	-	1.648
July 2017	W	-	1.563	W	-	1.662	W	-	1.779	W	-	1.587
August 2016	W	-	1.420	W	-	1.504	W	-	1.614	W	-	1.441
District of Columbia												
August 2017	-	-	-	-	-	-	-	-	-	-	-	-
July 2017	-	-	-	-	-	-	-	-	-	-	-	-
August 2016	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
August 2017	-	-	1.633	-	-	1.734	-	-	1.889	-	-	1.670
July 2017	-	-	1.554	-	-	1.652	-	-	1.843	-	-	1.596
August 2016	-	W	1.412	-	W	1.527	-	W	1.705	-	W	1.455
New Jersey												
August 2017	W	-	1.606	W	-	1.729	W	-	1.865	W	-	1.640
July 2017	W	-	1.543	W	-	1.665	W	-	1.800	W	-	1.577
August 2016	W	-	1.381	W	-	1.519	W	-	1.628	W	-	1.413
New York												
August 2017	1.818	-	1.637	2.048	-	1.816	2.240	-	1.956	1.897	-	1.692
July 2017	1.745	-	1.566	1.984	-	1.749	2.185	-	1.888	1.829	-	1.623
August 2016	1.625	-	1.430	1.856	-	1.640	2.047	-	1.750	1.708	-	1.484
Pennsylvania												
August 2017	W	-	1.611	W	-	1.756	W	-	1.870	W	-	1.639
July 2017	W	-	1.535	W	-	1.668	W	-	1.786	W	-	1.562
August 2016	W	-	1.409	W	-	1.543	W	-	1.688	W	-	1.434

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												
August 2017	W	1.671	1.605	W	W	1.809	W	W	2.008	W	1.681	1.653
July 2017	W	1.569	1.504	W	W	1.710	W	W	1.906	W	1.593	1.552
August 2016	W	1.451	1.399	W	W	1.588	W	W	1.788	W	1.506	1.446
Florida												
August 2017	W	W	1.618	W	-	1.855	W	W	2.025	W	W	1.671
July 2017	W	W	1.516	W	-	1.761	W	W	1.921	W	W	1.570
August 2016	W	1.500	1.441	W	W	1.660	W	W	1.823	W	1.506	1.490
Georgia												
August 2017	W	W	1.599	W	-	1.784	W	-	2.042	W	W	1.651
July 2017	W	W	1.495	W	-	1.669	W	-	1.934	W	W	1.545
August 2016	W	W	1.377	W	-	1.530	W	-	1.808	W	W	1.426
North Carolina												
August 2017	W	-	1.583	W	-	1.808	W	-	1.988	W	-	1.630
July 2017	W	-	1.479	W	-	1.703	W	-	1.878	W	-	1.525
August 2016	W	W	1.369	W	-	1.581	W	-	1.757	W	W	1.414
South Carolina												
August 2017	W	NA	1.582	W	W	1.806	W	-	1.986	W	W	1.623
July 2017	W	NA	1.482	W	W	1.712	W	-	1.881	W	W	1.522
August 2016	W	-	1.359	W	NA	1.573	W	-	1.743	W	NA	1.398
Virginia												
August 2017	W	-	1.629	W	-	1.771	W	-	1.962	W	-	1.671
July 2017	W	-	1.534	W	-	1.682	W	-	1.884	W	-	1.579
August 2016	W	-	1.406	W	-	1.557	W	W	1.752	W	W	1.452
West Virginia												
August 2017	W	-	1.619	W	-	1.791	W	-	2.112	W	-	1.646
July 2017	W	-	1.539	W	-	1.720	W	-	2.031	W	-	1.569
August 2016	W	-	1.432	W	-	1.596	W	-	1.869	W	-	1.459
PAD District 2												
August 2017	W	1.709	1.613	2.059	W	1.767	W	W	1.978	W	1.736	1.647
July 2017	W	1.634	1.532	1.977	W	1.677	W	W	1.893	W	1.662	1.565
August 2016	1.675	NA	1.492	1.920	W	1.657	2.173	W	1.956	1.714	NA	1.534
Illinois												
August 2017	W	1.936	1.635	W	-	1.769	W	-	2.002	W	1.936	1.672
July 2017	W	1.627	1.569	W	-	1.695	W	-	1.952	W	1.627	1.608
August 2016	W	NA	1.523	W	-	1.701	W	-	2.109	W	NA	1.582
Indiana												
August 2017	W	W	1.584	W	-	1.817	W	-	1.976	W	W	1.615
July 2017	W	W	1.510	W	-	1.740	W	-	1.906	W	W	1.542
August 2016	W	W	1.462	W	-	1.703	W	-	2.010	W	W	1.504
Iowa												
August 2017	-	W	1.615	-	-	1.736	-	-	1.936	-	W	1.648
July 2017	-	W	1.534	-	-	1.646	-	-	1.818	-	W	1.568
August 2016	-	W	1.489	-	-	1.648	-	-	1.881	-	W	1.535
Kansas												
August 2017	W	W	1.609	W	W	1.744	-	-	1.833	W	W	1.628
July 2017	W	W	1.522	W	W	1.660	-	-	1.756	W	W	1.544
August 2016	W	W	1.492	W	W	1.698	-	-	1.842	W	W	1.519
Kentucky												
August 2017	W	W	1.665	W	-	1.859	W	W	2.076	W	W	1.691
July 2017	W	W	1.596	W	-	1.770	W	W	2.010	W	W	1.624
August 2016	W	W	1.491	W	-	1.672	W	W	1.962	W	W	1.522
Michigan												
August 2017	W	W	1.631	W	-	1.869	W	W	2.157	W	W	1.669
July 2017	W	W	1.562	W	-	1.789	W	W	2.088	W	W	1.601
August 2016	W	W	1.554	W	-	1.819	W	NA	2.166	W	W	1.598
Minnesota												
August 2017	W	W	1.620	W	W	1.700	W	-	1.843	W	W	1.645
July 2017	W	W	1.539	W	W	1.623	W	-	1.760	W	W	1.565
August 2016	W	W	1.503	W	W	1.599	W	W	1.778	W	W	1.533
Missouri												
August 2017	-	-	1.604	-	-	1.735	-	-	1.940	-	-	1.629
July 2017	-	-	1.525	-	-	1.646	-	-	1.843	-	-	1.549
August 2016	-	-	1.480	-	-	1.661	-	-	1.878	-	-	1.510

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												
August 2017	W	W	1.617	W	-	1.771	-	-	1.910	W	W	1.647
July 2017	W	W	1.527	W	-	1.692	-	-	1.806	W	W	1.557
August 2016	W	W	1.486	W	-	1.664	W	-	1.869	W	W	1.527
North Dakota												
August 2017	W	W	1.666	W	W	1.803	W	W	2.070	W	W	1.709
July 2017	W	W	1.538	W	W	1.678	W	W	1.947	W	W	1.588
August 2016	W	W	1.557	W	W	1.678	W	W	1.996	W	W	1.607
Ohio												
August 2017	W	W	1.587	W	-	1.843	W	W	2.070	W	W	1.623
July 2017	W	W	1.517	W	-	1.771	W	W	1.986	W	W	1.554
August 2016	W	W	1.491	W	-	1.738	W	W	2.066	W	W	1.535
Oklahoma												
August 2017	W	W	1.607	W	-	1.697	W	-	1.866	W	W	1.646
July 2017	W	W	1.510	W	-	1.634	W	-	1.727	W	W	1.534
August 2016	W	W	1.488	W	-	1.644	W	-	1.774	W	W	1.521
South Dakota												
August 2017	W	W	1.632	W	W	1.726	W	W	1.962	W	W	1.668
July 2017	W	W	1.550	W	W	1.645	W	W	1.847	W	W	1.584
August 2016	W	W	1.469	W	W	1.596	W	-	1.886	W	W	1.516
Tennessee												
August 2017	W	W	1.573	W	-	1.761	W	W	1.942	W	W	1.609
July 2017	W	W	1.470	W	-	1.649	W	W	1.834	W	W	1.505
August 2016	W	W	1.400	W	-	1.558	W	NA	1.753	W	W	1.434
Wisconsin												
August 2017	W	W	1.650	W	-	1.792	W	W	2.053	W	W	1.688
July 2017	W	W	1.540	W	-	1.666	W	W	1.945	W	W	1.580
August 2016	W	W	1.503	W	-	1.670	W	W	2.040	W	W	1.553
PAD District 3												
August 2017	1.838	1.611	1.604	2.039	-	1.748	2.230	1.894	1.899	1.889	1.655	1.631
July 2017	1.699	1.551	1.518	1.910	-	1.662	2.084	1.753	1.823	1.751	1.577	1.547
August 2016	1.592	1.529	1.419	1.856	NA	1.567	2.053	NA	1.697	1.647	1.595	1.445
Alabama												
August 2017	-	W	1.571	-	-	1.830	-	W	2.013	-	W	1.612
July 2017	-	W	1.460	-	-	1.714	-	W	1.903	-	W	1.501
August 2016	W	W	1.377	W	W	1.689	W	W	1.838	W	W	1.419
Arkansas												
August 2017	-	-	1.589	-	-	1.749	-	-	1.880	-	-	1.616
July 2017	-	-	1.491	-	-	1.648	-	-	1.782	-	-	1.520
August 2016	W	-	1.456	W	-	1.615	W	-	1.798	W	-	1.484
Louisiana												
August 2017	-	W	1.584	-	-	1.724	-	-	1.931	-	W	1.612
July 2017	-	W	1.495	-	-	1.613	-	-	1.839	-	W	1.522
August 2016	-	W	1.417	-	-	1.538	-	-	1.693	-	W	1.440
Mississippi												
August 2017	-	-	1.583	-	-	1.738	-	-	1.980	-	-	1.604
July 2017	-	-	1.481	-	-	1.630	-	-	1.894	-	-	1.501
August 2016	W	W	1.387	W	W	1.541	W	-	1.590	W	W	1.411
New Mexico												
August 2017	1.874	W	1.631	2.045	-	1.755	W	W	1.979	1.926	W	1.674
July 2017	1.767	W	1.561	1.942	-	1.709	W	W	1.885	1.820	W	1.602
August 2016	1.718	W	1.537	1.893	W	1.701	2.056	W	1.870	1.770	W	1.581
Texas												
August 2017	W	W	1.615	W	-	1.726	W	W	1.871	W	W	1.640
July 2017	W	W	1.536	W	-	1.654	W	W	1.806	W	W	1.564
August 2016	W	W	1.421	W	W	1.531	W	W	1.686	W	W	1.445

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												
August 2017	W	1.940	1.781	2.193	W	1.963	2.456	W	2.131	W	2.039	1.847
July 2017	W	1.788	1.602	2.101	W	1.791	2.362	W	1.947	W	1.910	1.667
August 2016	1.796	1.750	1.518	1.951	W	1.700	2.227	W	1.857	1.881	1.783	1.582
Colorado												
August 2017	1.923	1.930	1.707	2.190	W	1.853	2.487	W	2.111	2.058	1.954	1.779
July 2017	1.847	W	1.609	2.107	W	1.771	2.410	W	2.015	1.980	1.853	1.681
August 2016	1.706	W	1.513	1.932	W	1.677	2.231	W	1.925	1.829	1.866	1.588
Idaho												
August 2017	W	W	1.983	W	-	2.121	W	W	2.229	W	W	2.022
July 2017	W	W	1.637	W	-	1.773	W	W	1.897	W	W	1.679
August 2016	W	W	1.619	W	W	1.825	W	W	1.857	W	W	1.657
Montana												
August 2017	W	W	1.733	W	W	1.882	W	NA	2.208	W	W	1.823
July 2017	W	W	1.596	W	W	1.764	W	W	2.070	W	W	1.686
August 2016	W	W	1.554	W	W	1.712	W	W	1.997	W	W	1.641
Utah												
August 2017	W	W	1.865	W	W	2.146	W	NA	2.101	W	W	1.921
July 2017	W	W	1.597	W	W	1.863	W	NA	1.833	W	W	1.652
August 2016	W	W	1.475	W	W	1.714	W	W	1.700	W	W	1.525
Wyoming												
August 2017	W	W	1.690	W	-	1.788	W	-	2.076	W	W	1.753
July 2017	W	W	1.539	W	-	1.671	W	-	1.913	W	W	1.601
August 2016	W	-	1.468	W	-	1.707	W	-	1.862	W	-	1.531
PAD District 5												
August 2017	2.239	2.006	1.879	2.401	1.981	2.052	2.545	2.250	2.164	2.314	2.026	1.934
July 2017	2.168	1.932	1.785	2.320	1.942	1.956	2.461	2.148	2.066	2.240	1.952	1.840
August 2016	1.973	1.754	1.555	2.103	1.918	1.715	2.233	1.969	1.815	2.039	1.776	1.605
Alaska												
August 2017	W	W	W	W	W	W	W	W	2.320	W	W	W
July 2017	W	W	W	W	W	W	W	W	2.180	W	W	W
August 2016	W	W	W	W	W	W	W	W	2.075	W	W	W
Arizona												
August 2017	W	W	1.674	W	W	1.820	W	W	1.929	W	W	1.706
July 2017	W	W	1.616	W	W	1.772	W	W	1.858	W	W	1.646
August 2016	W	W	1.457	W	W	1.581	W	W	1.716	W	W	1.487
California												
August 2017	2.272	1.960	1.934	2.426	W	2.088	W	-	2.210	2.350	1.980	1.993
July 2017	2.196	W	1.854	2.340	W	1.996	W	-	2.116	2.271	W	1.911
August 2016	W	1.676	1.592	W	W	1.731	W	-	1.841	W	1.684	1.645
Hawaii												
August 2017	W	W	W	W	W	W	W	W	W	W	W	W
July 2017	W	W	W	W	W	W	W	W	W	W	W	W
August 2016	W	W	W	W	W	W	W	-	W	W	W	W
Nevada												
August 2017	W	1.862	1.747	W	-	1.844	W	W	1.969	W	1.884	1.796
July 2017	W	1.811	1.698	W	-	1.804	W	W	1.914	W	1.843	1.746
August 2016	W	W	1.481	W	-	1.608	W	W	1.700	W	1.729	1.529
Oregon												
August 2017	2.282	-	1.857	2.444	-	2.029	2.561	-	2.116	2.327	-	1.889
July 2017	2.174	-	1.708	2.332	-	1.887	2.453	-	1.976	2.219	-	1.743
August 2016	1.956	-	1.487	2.090	-	1.660	2.194	-	1.762	1.994	-	1.523
Washington												
August 2017	2.131	W	1.849	2.324	W	2.070	2.423	W	2.161	2.186	W	1.902
July 2017	2.031	W	1.698	2.226	W	1.915	2.354	W	2.012	2.090	W	1.752
August 2016	1.907	W	1.515	2.033	W	1.717	2.157	W	1.807	1.953	W	1.563

- = 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						
August 2017	W	2.710	1.613	1.586	2.579	1.630
July 2017	W	2.608	1.478	1.436	2.621	1.468
August 2016	W	2.405	1.330	1.313	W	1.408
PAD District 1						
August 2017	W	2.752	1.638	1.627	2.427	1.733
July 2017	W	2.625	1.470	1.453	2.440	1.786
August 2016	W	2.432	1.340	1.333	W	1.499
Subdistrict 1A						
August 2017	-	W	1.673	1.675	W	-
July 2017	W	W	1.500	1.516	W	W
August 2016	W	W	1.366	NA	W	-
Connecticut						
August 2017	-	-	W	W	-	-
July 2017	-	-	W	W	-	-
August 2016	-	-	W	W	-	-
Maine						
August 2017	-	W	W	W	-	-
July 2017	W	W	W	W	-	-
August 2016	W	W	W	W	-	-
Massachusetts						
August 2017	-	-	W	1.670	W	-
July 2017	-	-	W	1.513	W	-
August 2016	-	-	W	NA	W	-
New Hampshire						
August 2017	-	-	W	W	W	-
July 2017	-	-	W	W	W	-
August 2016	-	-	W	W	W	-
Rhode Island						
August 2017	-	-	W	W	W	-
July 2017	-	-	W	W	W	-
August 2016	-	-	W	W	W	-
Vermont						
August 2017	-	-	W	W	-	-
July 2017	-	-	W	W	-	W
August 2016	-	-	W	W	-	-
Subdistrict 1B						
August 2017	W	2.800	1.622	1.625	2.405	1.708
July 2017	-	2.737	1.442	1.446	2.402	1.750
August 2016	W	W	1.330	1.332	W	1.486
Delaware						
August 2017	-	-	-	W	W	W
July 2017	-	-	-	W	W	-
August 2016	-	-	-	W	W	-
District of Columbia						
August 2017	-	-	-	-	-	-
July 2017	-	-	-	-	-	-
August 2016	-	-	-	-	-	-
Maryland						
August 2017	-	-	W	1.585	-	W
July 2017	-	-	W	1.414	-	W
August 2016	-	-	W	1.292	-	W
New Jersey						
August 2017	-	W	1.613	1.607	W	1.715
July 2017	-	W	1.431	1.435	W	-
August 2016	-	-	1.332	1.323	W	1.479
New York						
August 2017	W	W	1.639	1.674	W	W
July 2017	-	W	1.458	1.504	W	W
August 2016	W	W	W	1.384	W	W
Pennsylvania						
August 2017	W	W	W	1.652	2.404	W
July 2017	-	W	W	1.466	W	W
August 2016	-	W	W	1.350	W	1.749

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						
August 2017	W	2.716	1.644	1.613	W	W
July 2017	W	2.573	1.489	1.459	W	W
August 2016	W	2.366	1.357	1.311	W	W
Florida						
August 2017	-	2.650	W	1.613	W	-
July 2017	-	2.510	W	1.461	W	-
August 2016	-	2.291	1.385	1.304	W	-
Georgia						
August 2017	W	W	W	1.612	-	W
July 2017	W	W	W	1.448	-	W
August 2016	W	W	W	1.335	-	-
North Carolina						
August 2017	-	W	W	W	W	W
July 2017	-	W	W	1.456	W	W
August 2016	W	W	W	1.320	W	W
South Carolina						
August 2017	-	-	W	1.612	W	W
July 2017	-	-	W	1.456	W	W
August 2016	-	-	W	W	W	W
Virginia						
August 2017	-	W	1.591	1.610	-	W
July 2017	-	W	1.425	W	-	W
August 2016	-	W	1.303	1.345	-	W
West Virginia						
August 2017	-	-	W	W	W	-
July 2017	-	-	W	W	W	-
August 2016	-	-	W	W	W	-
PAD District 2						
August 2017	W	2.701	1.607	1.615	W	2.118
July 2017	W	2.611	1.447	1.455	W	2.027
August 2016	W	2.569	1.342	1.348	W	1.864
Illinois						
August 2017	W	W	1.630	W	W	W
July 2017	W	W	1.496	W	W	W
August 2016	W	W	1.393	1.402	W	W
Indiana						
August 2017	-	-	1.563	1.604	W	W
July 2017	-	-	1.417	1.465	W	2.089
August 2016	-	-	1.330	NA	W	W
Iowa						
August 2017	-	-	1.722	1.682	-	-
July 2017	-	-	1.519	1.512	-	-
August 2016	-	-	W	1.377	-	W
Kansas						
August 2017	W	W	W	W	-	W
July 2017	W	W	W	W	-	W
August 2016	W	W	W	W	-	W
Kentucky						
August 2017	-	W	W	W	W	W
July 2017	-	W	W	1.419	W	W
August 2016	-	W	W	1.246	W	W
Michigan						
August 2017	-	-	1.628	1.575	W	W
July 2017	-	-	1.480	1.422	W	W
August 2016	-	-	W	1.302	W	W
Minnesota						
August 2017	-	W	1.586	W	W	1.885
July 2017	W	W	1.430	W	W	W
August 2016	W	W	1.336	W	W	1.676
Missouri						
August 2017	W	-	W	W	-	-
July 2017	W	-	W	W	-	-
August 2016	W	W	W	W	-	-

See footnotes at end of table.

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

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
August 2017	W	-	W	W	-	-
July 2017	W	-	W	W	-	-
August 2016	W	-	W	1.419	-	-
North Dakota						
August 2017	-	-	W	W	-	W
July 2017	-	-	W	W	-	-
August 2016	-	-	W	W	-	-
Ohio						
August 2017	-	W	1.618	1.587	W	W
July 2017	-	W	1.463	1.419	W	W
August 2016	W	-	1.310	W	W	W
Oklahoma						
August 2017	W	-	W	1.647	-	W
July 2017	W	-	W	1.400	-	W
August 2016	W	-	W	1.346	-	W
South Dakota						
August 2017	-	-	W	-	-	-
July 2017	-	-	W	-	-	-
August 2016	-	-	W	1.367	-	-
Tennessee						
August 2017	-	2.747	W	1.593	W	W
July 2017	-	2.662	W	1.436	W	W
August 2016	W	W	W	1.322	W	W
Wisconsin						
August 2017	-	-	W	W	W	W
July 2017	-	-	W	W	W	W
August 2016	-	-	W	NA	W	W
PAD District 3						
August 2017	W	2.477	1.600	1.547	-	1.576
July 2017	W	2.324	1.428	1.379	-	W
August 2016	W	2.210	1.313	1.271	-	1.378
Alabama						
August 2017	-	W	1.649	1.601	-	W
July 2017	-	W	1.484	1.440	-	W
August 2016	-	W	1.316	NA	-	W
Arkansas						
August 2017	W	W	W	1.654	-	-
July 2017	W	-	W	W	-	-
August 2016	W	W	W	W	-	-
Louisiana						
August 2017	-	2.549	1.567	1.527	-	W
July 2017	-	2.413	1.401	1.355	-	W
August 2016	-	2.239	1.286	1.252	-	W
Mississippi						
August 2017	W	W	1.580	1.530	-	-
July 2017	-	W	1.453	1.375	-	-
August 2016	-	W	1.313	1.253	-	-
New Mexico						
August 2017	W	-	W	W	-	-
July 2017	W	-	W	W	-	-
August 2016	W	-	W	W	-	-
Texas						
August 2017	W	W	1.606	1.564	-	2.061
July 2017	W	W	1.432	1.392	-	1.939
August 2016	W	W	1.316	1.282	-	W

See footnotes at end of table.

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

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
August 2017	W	W	1.664	1.652	-	-
July 2017	W	W	1.506	1.483	-	-
August 2016	W	W	1.380	1.357	-	-
Colorado						
August 2017	W	-	1.634	1.630	-	-
July 2017	W	-	1.455	1.421	-	-
August 2016	W	-	1.350	1.351	-	-
Idaho						
August 2017	-	-	W	1.795	-	-
July 2017	-	-	W	1.695	-	-
August 2016	-	-	W	1.479	-	-
Montana						
August 2017	W	W	W	W	-	-
July 2017	W	W	W	W	-	-
August 2016	W	W	W	W	-	-
Utah						
August 2017	W	W	1.639	1.662	-	-
July 2017	W	W	1.488	1.551	-	-
August 2016	W	W	1.371	1.336	-	-
Wyoming						
August 2017	-	-	W	W	-	-
July 2017	-	-	W	W	-	-
August 2016	-	-	W	W	-	-
PAD District 5						
August 2017	W	2.922	1.610	1.605	-	W
July 2017	W	2.845	1.517	1.519	-	W
August 2016	W	2.386	1.325	1.324	-	W
Alaska						
August 2017	W	W	W	W	-	-
July 2017	W	W	W	W	-	-
August 2016	W	W	W	W	-	-
Arizona						
August 2017	W	W	1.643	1.641	-	-
July 2017	W	W	1.559	1.545	-	-
August 2016	W	W	1.370	1.342	-	-
California						
August 2017	-	2.896	1.605	1.598	-	W
July 2017	-	2.804	1.510	1.512	-	W
August 2016	-	W	1.306	1.314	-	W
Hawaii						
August 2017	-	W	W	W	-	-
July 2017	-	W	W	W	-	-
August 2016	-	W	W	W	-	-
Nevada						
August 2017	-	-	W	W	-	-
July 2017	-	-	W	W	-	-
August 2016	-	-	W	W	-	-
Oregon						
August 2017	-	2.981	W	1.649	-	-
July 2017	-	2.901	W	1.550	-	-
August 2016	-	2.604	1.343	1.342	-	-
Washington						
August 2017	-	W	1.613	1.630	-	-
July 2017	-	W	1.493	1.536	-	-
August 2016	-	NA	1.297	1.328	-	-

- = 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						
August 2017	W	1.997	1.793	1.675	W	W
July 2017	W	1.869	1.665	1.529	-	W
August 2016	1.890	1.759	1.578	1.437	W	W
PAD District 1						
August 2017	-	2.011	1.847	1.638	-	-
July 2017	-	W	1.732	1.522	-	-
August 2016	W	1.826	1.627	1.418	-	-
Subdistrict 1A						
August 2017	-	W	W	1.653	-	-
July 2017	-	W	W	1.581	-	-
August 2016	-	W	1.754	1.430	-	-
Connecticut						
August 2017	-	-	W	1.600	-	-
July 2017	-	-	W	1.633	-	-
August 2016	-	-	W	1.419	-	-
Maine						
August 2017	-	-	-	1.683	-	-
July 2017	-	-	-	1.575	-	-
August 2016	-	W	-	1.445	-	-
Massachusetts						
August 2017	-	-	W	1.667	-	-
July 2017	-	-	W	1.564	-	-
August 2016	-	-	W	1.459	-	-
New Hampshire						
August 2017	-	-	W	W	-	-
July 2017	-	-	W	W	-	-
August 2016	-	-	W	W	-	-
Rhode Island						
August 2017	-	-	W	1.670	-	-
July 2017	-	-	W	1.571	-	-
August 2016	-	-	W	W	-	-
Vermont						
August 2017	-	W	W	W	-	-
July 2017	-	W	W	W	-	-
August 2016	-	W	W	W	-	-
Subdistrict 1B						
August 2017	-	1.999	W	1.620	-	-
July 2017	-	W	W	1.504	-	-
August 2016	W	1.810	1.599	1.393	-	-
Delaware						
August 2017	-	-	W	1.635	-	-
July 2017	-	-	W	1.498	-	-
August 2016	-	-	1.503	1.371	-	-
District of Columbia						
August 2017	-	-	-	W	-	-
July 2017	-	-	-	W	-	-
August 2016	-	-	-	W	-	-
Maryland						
August 2017	-	-	-	1.630	-	-
July 2017	-	-	-	1.522	-	-
August 2016	-	-	W	1.416	-	-
New Jersey						
August 2017	-	-	1.823	1.589	-	-
July 2017	-	-	1.723	1.480	-	-
August 2016	-	-	1.625	1.369	-	-
New York						
August 2017	-	1.918	1.983	1.663	-	-
July 2017	-	W	1.887	1.544	-	-
August 2016	-	W	1.680	1.437	-	-
Pennsylvania						
August 2017	-	W	1.762	1.636	-	-
July 2017	-	-	1.650	1.519	-	-
August 2016	W	W	1.541	1.403	-	-

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						
August 2017	-	W	1.846	1.658	-	-
July 2017	-	W	1.721	1.536	-	-
August 2016	-	W	1.637	1.443	-	-
Florida						
August 2017	-	-	1.803	1.685	-	-
July 2017	-	-	1.688	1.560	-	-
August 2016	-	-	1.587	1.479	-	-
Georgia						
August 2017	-	W	1.661	1.656	-	-
July 2017	-	W	1.534	1.523	-	-
August 2016	-	W	1.635	1.431	-	-
North Carolina						
August 2017	-	-	1.888	1.646	-	-
July 2017	-	-	W	1.527	-	-
August 2016	-	-	1.638	1.419	-	-
South Carolina						
August 2017	-	-	W	1.647	-	-
July 2017	-	-	W	1.527	-	-
August 2016	-	-	W	1.442	-	-
Virginia						
August 2017	-	-	1.772	1.651	-	-
July 2017	-	-	1.674	1.530	-	-
August 2016	-	-	1.651	1.424	-	-
West Virginia						
August 2017	-	-	W	1.573	-	-
July 2017	-	-	W	1.506	-	-
August 2016	-	-	W	1.434	-	-
PAD District 2						
August 2017	1.913	1.946	1.781	1.687	-	W
July 2017	1.903	1.828	1.644	1.551	-	W
August 2016	NA	1.743	1.574	1.474	-	W
Illinois						
August 2017	W	W	W	1.672	-	-
July 2017	W	2.172	W	1.527	-	-
August 2016	W	W	W	1.473	-	-
Indiana						
August 2017	-	W	W	1.672	-	-
July 2017	-	W	W	1.533	-	-
August 2016	-	W	W	1.434	-	-
Iowa						
August 2017	-	1.878	1.800	1.718	-	-
July 2017	-	1.700	1.660	1.593	-	-
August 2016	-	1.613	1.609	1.521	-	-
Kansas						
August 2017	W	W	1.664	1.678	-	-
July 2017	W	W	W	1.541	-	-
August 2016	-	1.610	W	1.472	-	-
Kentucky						
August 2017	W	W	W	1.709	-	W
July 2017	W	W	W	1.571	-	W
August 2016	-	W	W	1.477	-	W
Michigan						
August 2017	W	W	W	1.683	-	-
July 2017	W	W	W	1.525	-	-
August 2016	W	W	W	1.488	-	-
Minnesota						
August 2017	W	1.808	1.802	1.724	-	-
July 2017	W	1.719	1.671	1.601	-	-
August 2016	1.795	1.623	1.606	1.518	-	-
Missouri						
August 2017	-	-	W	1.703	-	-
July 2017	-	W	W	1.570	-	-
August 2016	-	-	W	1.475	-	-

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						
August 2017	-	1.927	W	1.722	-	-
July 2017	-	1.722	W	1.601	-	-
August 2016	-	1.661	W	1.508	-	-
North Dakota						
August 2017	-	1.839	W	1.742	-	-
July 2017	-	W	W	1.596	-	-
August 2016	-	1.578	W	1.499	-	-
Ohio						
August 2017	-	W	1.845	1.687	-	-
July 2017	-	W	1.720	1.547	-	-
August 2016	-	W	1.616	1.453	-	-
Oklahoma						
August 2017	-	W	1.700	1.658	-	-
July 2017	-	W	1.572	1.530	-	-
August 2016	-	-	W	1.448	-	-
South Dakota						
August 2017	W	1.883	W	1.758	-	-
July 2017	W	1.832	W	1.629	-	-
August 2016	W	1.705	W	1.534	-	-
Tennessee						
August 2017	-	-	1.772	1.658	-	-
July 2017	-	-	1.648	1.539	-	-
August 2016	-	-	1.648	1.448	-	-
Wisconsin						
August 2017	-	1.876	1.942	1.703	-	-
July 2017	-	1.713	1.794	1.569	-	-
August 2016	W	W	1.701	1.512	-	-
PAD District 3						
August 2017	-	-	1.676	1.604	-	W
July 2017	-	-	1.566	1.459	-	W
August 2016	-	W	1.490	1.377	-	W
Alabama						
August 2017	-	-	1.688	1.627	-	-
July 2017	-	-	1.568	1.515	-	-
August 2016	-	-	1.564	1.413	-	-
Arkansas						
August 2017	-	-	W	1.670	-	-
July 2017	-	-	W	1.538	-	-
August 2016	-	-	W	1.444	-	-
Louisiana						
August 2017	-	-	1.690	1.558	-	-
July 2017	-	-	1.609	1.395	-	-
August 2016	-	W	1.564	1.359	-	-
Mississippi						
August 2017	-	-	W	1.617	-	-
July 2017	-	-	W	1.498	-	-
August 2016	-	-	W	1.376	-	-
New Mexico						
August 2017	-	-	1.755	1.710	-	-
July 2017	-	-	1.642	1.555	-	-
August 2016	-	-	1.508	1.411	-	-
Texas						
August 2017	-	-	1.660	1.620	-	W
July 2017	-	-	1.547	1.479	-	W
August 2016	-	-	1.463	1.377	-	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						
August 2017	W	2.060	1.840	1.851	W	-
July 2017	W	1.968	1.693	1.655	-	-
August 2016	W	1.943	1.581	1.533	W	-
Colorado						
August 2017	-	1.953	1.781	1.758	-	-
July 2017	-	1.878	1.653	1.622	-	-
August 2016	-	1.865	1.571	1.483	-	-
Idaho						
August 2017	W	-	2.139	1.994	-	-
July 2017	W	W	1.916	1.663	-	-
August 2016	NA	W	1.751	1.599	-	-
Montana						
August 2017	W	2.074	W	1.809	-	-
July 2017	W	1.943	W	1.664	-	-
August 2016	W	1.948	W	1.591	-	-
Utah						
August 2017	-	W	1.926	1.947	W	-
July 2017	-	2.215	1.760	1.662	-	-
August 2016	-	W	1.582	1.521	W	-
Wyoming						
August 2017	-	2.285	1.718	1.842	-	-
July 2017	-	2.053	1.582	1.699	-	-
August 2016	-	W	1.505	1.542	-	-
PAD District 5						
August 2017	W	2.042	1.871	1.808	W	-
July 2017	W	1.889	1.732	1.632	-	-
August 2016	W	1.737	1.638	1.492	-	-
Alaska						
August 2017	W	W	W	W	-	-
July 2017	W	W	W	W	-	-
August 2016	W	W	W	W	-	-
Arizona						
August 2017	-	-	1.807	1.742	-	-
July 2017	-	-	1.656	1.561	-	-
August 2016	-	-	1.481	1.408	-	-
California						
August 2017	-	-	1.842	1.815	-	-
July 2017	-	-	1.692	1.656	-	-
August 2016	-	-	1.577	1.488	-	-
Hawaii						
August 2017	-	-	W	W	-	-
July 2017	-	-	W	W	-	-
August 2016	-	-	1.702	W	-	-
Nevada						
August 2017	-	-	W	1.799	W	-
July 2017	-	-	W	1.629	-	-
August 2016	-	-	1.640	1.473	-	-
Oregon						
August 2017	-	-	2.051	1.839	-	-
July 2017	-	-	1.961	1.621	-	-
August 2016	-	-	1.776	1.509	-	-
Washington						
August 2017	-	W	1.849	1.808	-	-
July 2017	W	W	1.692	1.576	-	-
August 2016	-	W	1.721	1.507	-	-

- = 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										
August 2017	20,498.5	20,724.8	17,670.5	240,999.0	15,510.9	1,754.1	1,767.8	279.8	2,360.0	-
July 2017	20,142.9	20,341.1	17,343.1	234,645.0	12,048.7	1,749.1	1,761.7	277.2	2,332.1	-
August 2016	21,502.0	21,748.3	18,403.6	233,912.2	21,813.8	1,885.3	1,899.4	333.9	2,672.6	-
PAD District 1										
August 2017	6,812.0	6,825.2	W	W	2,047.9	586.1	588.1	W	W	-
July 2017	6,718.8	6,728.1	W	W	2,172.7	586.5	587.7	W	W	-
August 2016	7,048.2	7,066.2	W	68,890.3	W	619.5	623.6	W	W	-
Subdistrict 1A										
August 2017	W	W	W	W	W	W	W	-	49.4	-
July 2017	W	W	W	W	W	W	W	W	W	-
August 2016	W	W	W	W	W	W	W	W	W	-
Connecticut										
August 2017	-	W	W	W	NA	-	-	-	18.9	-
July 2017	-	W	W	W	NA	-	-	W	W	-
August 2016	-	W	W	2,107.1	W	-	-	W	W	-
Maine										
August 2017	-	-	W	W	-	-	-	-	W	-
July 2017	-	-	W	W	-	-	-	-	W	-
August 2016	-	-	-	641.9	-	-	-	-	W	-
Massachusetts										
August 2017	W	W	W	W	-	W	W	-	NA	-
July 2017	W	W	W	W	-	W	W	-	NA	-
August 2016	W	W	W	W	-	W	W	-	7.5	-
New Hampshire										
August 2017	W	W	W	W	-	W	W	-	-	-
July 2017	W	W	W	W	-	W	W	-	-	-
August 2016	W	W	W	W	-	W	W	-	-	-
Rhode Island										
August 2017	W	W	W	NA	W	W	W	-	W	-
July 2017	W	W	W	NA	W	W	W	-	W	-
August 2016	W	W	W	740.0	W	W	W	-	W	-
Vermont										
August 2017	-	-	W	W	-	-	-	-	W	-
July 2017	-	-	W	W	-	-	-	-	W	-
August 2016	-	-	W	W	-	-	-	-	W	-
Subdistrict 1B										
August 2017	3,236.8	3,236.8	W	21,873.9	W	342.0	342.0	W	W	-
July 2017	3,228.3	3,228.3	W	20,948.5	W	347.5	347.5	W	W	-
August 2016	3,229.7	3,231.5	W	W	W	354.3	354.5	W	W	-
Delaware										
August 2017	W	W	-	1,083.8	-	W	W	-	16.5	-
July 2017	W	W	-	1,038.4	-	W	W	-	18.3	-
August 2016	W	W	-	1,013.4	-	W	W	-	22.4	-
District of Columbia										
August 2017	-	-	-	-	-	-	-	-	-	-
July 2017	-	-	-	-	-	-	-	-	-	-
August 2016	-	-	-	-	-	-	-	-	-	-
Maryland										
August 2017	-	-	-	3,683.8	-	-	-	-	84.2	-
July 2017	-	-	-	3,457.6	-	-	-	-	77.2	-
August 2016	-	W	W	W	W	-	W	-	85.0	-
New Jersey										
August 2017	W	W	W	6,717.2	W	W	W	W	W	-
July 2017	W	W	W	6,631.8	W	W	W	W	W	-
August 2016	W	W	W	W	185.9	W	W	W	W	-
New York										
August 2017	1,984.8	1,984.8	W	W	W	218.2	218.2	W	W	-
July 2017	1,981.6	1,981.6	W	W	W	222.9	222.9	W	W	-
August 2016	1,948.0	1,948.0	W	5,186.3	W	223.8	223.8	W	W	-
Pennsylvania										
August 2017	W	W	-	W	W	W	W	-	33.5	-
July 2017	W	W	-	W	W	W	W	-	32.9	-
August 2016	W	W	-	W	W	W	W	-	37.7	-

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										
August 2017	2,669.5	2,693.6	5,052.4	31,298.6	1,784.5	24,922.1	25,186.3	23,002.6	274,657.5	17,295.4
July 2017	2,683.3	2,710.0	4,992.2	30,937.6	1,457.9	24,575.3	24,812.9	22,612.5	267,914.6	13,506.6
August 2016	2,860.7	2,885.3	5,190.8	30,582.8	1,862.4	26,248.0	26,532.9	23,928.4	267,167.5	23,676.1
PAD District 1										
August 2017	873.3	873.4	W	9,614.7	W	8,271.4	8,286.8	W	80,095.2	W
July 2017	882.6	882.7	W	9,364.7	W	8,187.9	8,198.5	W	77,515.7	W
August 2016	943.5	943.6	W	W	W	8,611.2	8,633.4	W	79,220.0	W
Subdistrict 1A										
August 2017	W	W	W	W	-	W	W	W	W	W
July 2017	W	W	W	W	-	W	W	W	W	W
August 2016	W	W	W	W	-	W	W	W	5,191.2	W
Connecticut										
August 2017	-	-	W	W	-	-	W	W	W	NA
July 2017	-	-	W	W	-	-	W	W	W	NA
August 2016	-	-	W	W	-	-	W	W	2,513.8	W
Maine										
August 2017	-	-	W	50.6	-	-	-	W	W	-
July 2017	-	-	W	50.9	-	-	-	W	W	-
August 2016	-	-	W	48.1	-	-	-	W	W	-
Massachusetts										
August 2017	W	W	W	W	-	W	W	W	W	-
July 2017	W	W	W	W	-	W	W	W	W	-
August 2016	W	W	W	W	-	W	W	W	W	-
New Hampshire										
August 2017	W	W	W	W	-	W	W	W	W	-
July 2017	W	W	W	W	-	W	W	W	W	-
August 2016	W	W	W	W	-	W	W	W	W	-
Rhode Island										
August 2017	W	W	W	W	-	W	W	W	NA	W
July 2017	W	W	W	W	-	W	W	W	NA	W
August 2016	W	W	W	W	-	W	W	W	896.4	W
Vermont										
August 2017	-	-	W	12.5	-	-	-	W	W	-
July 2017	-	-	W	11.6	-	-	-	W	W	-
August 2016	-	-	W	W	-	-	-	W	W	-
Subdistrict 1B										
August 2017	553.9	553.9	W	W	W	4,132.6	4,132.6	W	25,253.5	W
July 2017	565.2	565.2	W	W	W	4,141.0	4,141.0	W	24,245.3	W
August 2016	588.5	588.6	W	3,208.1	W	4,172.5	4,174.5	W	25,364.1	W
Delaware										
August 2017	W	W	-	130.2	-	W	W	-	1,230.5	-
July 2017	W	W	-	125.9	-	W	W	-	1,182.5	-
August 2016	W	W	-	119.5	-	W	W	-	1,155.2	-
District of Columbia										
August 2017	-	-	-	-	-	-	-	-	-	-
July 2017	-	-	-	-	-	-	-	-	-	-
August 2016	-	-	-	-	-	-	-	-	-	-
Maryland										
August 2017	-	-	-	599.2	-	-	-	-	4,367.1	-
July 2017	-	-	-	574.7	-	-	-	-	4,109.5	-
August 2016	-	W	-	W	W	-	W	W	4,396.3	W
New Jersey										
August 2017	W	W	W	W	W	W	W	W	7,754.0	W
July 2017	W	W	W	W	W	W	W	W	7,666.6	W
August 2016	W	W	W	W	-	W	W	W	W	185.9
New York										
August 2017	362.1	362.1	W	925.9	W	2,565.1	2,565.1	W	W	W
July 2017	367.2	367.2	W	923.0	W	2,571.7	2,571.7	W	W	W
August 2016	377.7	377.7	W	W	W	2,549.5	2,549.5	W	6,069.5	W
Pennsylvania										
August 2017	W	W	-	W	W	W	W	-	W	W
July 2017	W	W	-	W	W	W	W	-	W	W
August 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										
August 2017	W	W	-	W	W	W	W	-	532.5	-
July 2017	W	W	-	W	W	W	W	-	540.0	-
August 2016	W	W	W	42,530.6	W	W	W	W	W	-
Florida										
August 2017	W	W	-	14,041.1	-	W	W	-	131.7	-
July 2017	W	W	-	13,510.7	-	W	W	-	140.2	-
August 2016	W	W	-	13,468.2	-	W	W	-	140.1	-
Georgia										
August 2017	W	W	-	8,265.8	-	W	W	-	71.4	-
July 2017	W	W	-	8,141.4	-	W	W	-	74.7	-
August 2016	W	124.4	W	W	W	W	W	W	W	-
North Carolina										
August 2017	W	W	-	W	W	W	W	-	164.4	-
July 2017	W	W	-	W	W	W	W	-	159.8	-
August 2016	W	W	-	W	W	W	W	-	184.0	-
South Carolina										
August 2017	W	W	-	4,562.1	-	W	W	-	50.3	-
July 2017	W	W	-	4,399.5	-	W	W	-	48.7	-
August 2016	W	W	-	4,519.0	-	W	W	-	55.8	-
Virginia										
August 2017	W	W	-	6,774.6	-	W	W	-	105.3	-
July 2017	W	W	-	6,717.1	-	W	W	-	106.5	-
August 2016	W	W	-	6,969.1	-	W	W	-	126.8	-
West Virginia										
August 2017	W	W	-	664.5	-	W	W	-	9.5	-
July 2017	W	W	-	635.4	-	W	W	-	10.1	-
August 2016	W	W	-	751.5	-	W	W	-	10.8	-
PAD District 2										
August 2017	W	8,202.8	W	W	1,303.4	329.6	334.1	W	W	-
July 2017	W	8,016.7	W	W	1,528.3	328.4	333.0	W	W	-
August 2016	8,666.7	8,789.7	W	W	1,693.9	385.6	389.9	W	W	-
Illinois										
August 2017	W	W	-	W	W	W	W	-	99.3	-
July 2017	W	W	-	W	W	W	W	-	91.9	-
August 2016	W	W	-	W	W	W	W	-	121.0	-
Indiana										
August 2017	W	W	-	W	W	W	W	-	49.7	-
July 2017	W	W	-	W	W	W	W	-	46.3	-
August 2016	W	W	-	W	W	W	W	-	53.1	-
Iowa										
August 2017	-	W	-	2,717.3	-	-	-	-	68.7	-
July 2017	-	W	-	2,608.1	-	-	-	-	63.0	-
August 2016	-	W	-	2,609.9	-	-	-	-	64.8	-
Kansas										
August 2017	W	W	-	W	W	W	W	-	27.9	-
July 2017	W	W	-	W	W	W	W	-	27.4	-
August 2016	W	W	-	4,396.7	1,050.0	W	W	-	35.4	-
Kentucky										
August 2017	W	W	-	W	W	W	W	-	14.9	-
July 2017	W	W	-	W	W	W	W	-	14.5	-
August 2016	W	W	-	W	W	W	W	-	16.3	-
Michigan										
August 2017	W	W	-	10,178.4	-	W	W	-	22.7	-
July 2017	W	W	-	9,817.8	-	W	W	-	20.6	-
August 2016	W	W	-	W	W	W	W	-	26.4	-
Minnesota										
August 2017	W	W	W	5,104.5	W	W	W	W	W	-
July 2017	W	W	W	4,784.1	W	W	W	W	W	-
August 2016	W	W	W	5,128.1	W	W	W	W	W	-
Missouri										
August 2017	-	-	-	3,565.2	-	-	-	-	20.7	-
July 2017	-	-	-	3,595.6	-	-	-	-	19.9	-
August 2016	-	-	-	3,313.8	-	-	-	-	22.3	-

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
Subdistrict 1C										
August 2017	W	W	-	W	W	W	W	-	W	W
July 2017	W	W	-	5,532.8	-	W	W	-	W	W
August 2016	W	W	W	W	-	W	W	W	48,664.6	W
Florida										
August 2017	W	W	-	2,009.6	-	W	W	-	16,182.4	-
July 2017	W	W	-	1,992.0	-	W	W	-	15,642.9	-
August 2016	W	W	-	1,933.4	-	W	W	-	15,541.7	-
Georgia										
August 2017	W	W	-	1,064.1	-	W	W	-	9,401.3	-
July 2017	W	W	-	1,034.1	-	W	W	-	9,250.1	-
August 2016	W	W	W	W	-	W	140.6	W	W	W
North Carolina										
August 2017	W	W	-	W	W	W	W	-	W	W
July 2017	W	W	-	1,060.8	-	W	W	-	W	W
August 2016	W	W	-	1,066.4	-	W	W	-	W	W
South Carolina										
August 2017	W	W	-	W	W	W	W	-	W	W
July 2017	W	W	-	463.0	-	W	W	-	4,911.2	-
August 2016	W	W	-	479.8	-	W	W	-	5,054.7	-
Virginia										
August 2017	W	W	-	936.9	-	W	W	-	7,816.8	-
July 2017	W	W	-	944.5	-	W	W	-	7,768.2	-
August 2016	W	W	-	1,017.2	-	W	W	-	8,113.0	-
West Virginia										
August 2017	W	W	-	36.1	-	W	W	-	710.0	-
July 2017	W	W	-	38.5	-	W	W	-	683.9	-
August 2016	W	W	-	45.4	-	W	W	-	807.8	-
PAD District 2										
August 2017	W	492.1	W	7,389.5	W	W	9,029.1	W	88,617.7	W
July 2017	W	502.8	W	7,332.8	W	W	8,852.5	W	85,688.5	W
August 2016	561.5	572.0	W	7,192.6	W	9,613.8	9,751.7	W	85,748.2	W
Illinois										
August 2017	W	W	-	1,237.6	-	W	W	-	W	W
July 2017	W	W	-	1,215.2	-	W	W	-	W	W
August 2016	W	W	-	1,247.8	-	W	W	-	W	W
Indiana										
August 2017	W	W	-	W	W	W	W	-	W	W
July 2017	W	W	-	W	W	W	W	-	W	W
August 2016	W	W	-	W	W	W	W	-	W	W
Iowa										
August 2017	-	-	-	293.1	-	-	W	-	3,079.1	-
July 2017	-	-	-	336.1	-	-	W	-	3,007.2	-
August 2016	-	-	-	320.4	-	-	W	-	2,995.0	-
Kansas										
August 2017	-	-	-	W	W	W	W	-	4,785.0	857.6
July 2017	-	-	-	W	W	W	W	-	4,702.0	722.1
August 2016	-	-	-	342.0	81.3	W	W	-	4,774.0	1,131.3
Kentucky										
August 2017	W	W	-	254.8	-	W	W	-	W	W
July 2017	W	W	-	W	W	W	W	-	W	W
August 2016	W	W	-	254.0	-	W	W	-	W	W
Michigan										
August 2017	W	W	-	W	W	W	W	-	W	W
July 2017	W	W	-	W	W	W	W	-	W	W
August 2016	W	W	-	745.7	-	W	W	-	W	W
Minnesota										
August 2017	W	W	W	W	W	W	W	W	5,758.6	W
July 2017	W	W	W	W	W	W	W	W	5,421.4	W
August 2016	W	W	W	W	W	W	W	W	5,807.7	W
Missouri										
August 2017	-	-	-	276.4	-	-	-	-	3,862.3	-
July 2017	-	-	-	286.9	-	-	-	-	3,902.5	-
August 2016	-	-	-	258.0	-	-	-	-	3,594.2	-

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										
August 2017	W	W	-	1,550.9	-	W	W	-	19.9	-
July 2017	W	W	-	1,445.8	-	W	W	-	18.3	-
August 2016	W	W	-	1,552.7	-	W	W	-	30.1	-
North Dakota										
August 2017	W	W	W	W	-	W	W	-	22.7	-
July 2017	W	W	W	W	-	W	W	-	24.3	-
August 2016	W	W	W	W	-	W	W	-	29.6	-
Ohio										
August 2017	W	W	-	10,438.3	-	W	W	-	59.9	-
July 2017	W	W	-	9,907.3	-	W	W	-	55.2	-
August 2016	W	W	-	9,711.7	-	W	W	-	60.1	-
Oklahoma										
August 2017	W	W	-	W	W	W	W	-	5.3	-
July 2017	W	W	-	4,351.0	494.5	W	W	-	5.0	-
August 2016	W	W	-	4,208.4	210.0	W	W	-	6.9	-
South Dakota										
August 2017	W	W	-	1,060.2	-	W	W	-	25.1	-
July 2017	W	W	-	992.2	-	W	W	-	24.9	-
August 2016	W	W	-	1,011.7	-	W	W	-	29.1	-
Tennessee										
August 2017	W	W	-	9,570.7	-	W	W	-	92.5	-
July 2017	W	W	-	9,399.9	-	W	W	-	90.9	-
August 2016	W	796.3	W	W	-	W	W	W	W	-
Wisconsin										
August 2017	W	W	W	W	-	W	W	W	W	-
July 2017	W	W	W	W	-	W	W	W	W	-
August 2016	W	W	W	W	-	W	W	W	W	-
PAD District 3										
August 2017	934.7	972.9	W	W	W	96.0	96.0	W	W	-
July 2017	921.9	953.6	W	W	W	96.5	96.5	W	W	-
August 2016	1,309.4	1,341.3	82.2	47,395.8	14,327.0	115.0	117.9	W	W	-
Alabama										
August 2017	-	W	-	4,810.6	-	-	-	-	57.1	-
July 2017	-	W	-	4,711.5	-	-	-	-	60.2	-
August 2016	W	W	W	4,238.9	W	W	W	W	W	-
Arkansas										
August 2017	-	-	-	3,027.7	-	-	-	-	19.6	-
July 2017	-	-	-	3,005.3	-	-	-	-	19.6	-
August 2016	W	W	W	W	-	W	W	W	W	-
Louisiana										
August 2017	-	W	-	W	W	-	-	-	23.5	-
July 2017	-	W	-	W	W	-	-	-	25.0	-
August 2016	-	W	-	W	W	-	-	-	35.5	-
Mississippi										
August 2017	-	-	-	W	W	-	-	-	27.1	-
July 2017	-	-	-	W	W	-	-	-	25.7	-
August 2016	W	26.3	-	3,275.5	1,988.7	W	W	-	31.9	-
New Mexico										
August 2017	W	397.8	W	W	-	W	W	W	W	-
July 2017	W	407.7	W	W	-	W	W	W	W	-
August 2016	389.2	399.9	W	W	-	54.3	54.7	W	W	-
Texas										
August 2017	W	W	W	29,820.8	W	W	W	-	183.6	-
July 2017	W	W	W	30,018.5	W	W	W	-	192.1	-
August 2016	W	W	W	29,875.3	W	W	39.6	-	241.7	-

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										
August 2017	-	-	-	170.7	-	W	W	-	1,741.5	-
July 2017	-	-	-	166.6	-	W	W	-	1,630.7	-
August 2016	W	W	-	174.8	-	W	W	-	1,757.6	-
North Dakota										
August 2017	W	W	W	W	-	W	W	W	W	-
July 2017	W	W	W	W	-	W	W	W	W	-
August 2016	W	W	W	W	-	W	W	W	W	-
Ohio										
August 2017	W	W	-	W	W	W	W	-	W	W
July 2017	W	W	-	W	W	W	W	-	W	W
August 2016	W	W	-	W	W	W	W	-	W	W
Oklahoma										
August 2017	W	W	-	W	W	W	W	-	4,943.6	605.2
July 2017	W	W	-	453.1	151.1	W	W	-	4,809.1	645.6
August 2016	W	W	-	415.6	155.8	W	W	-	4,630.9	365.8
South Dakota										
August 2017	W	W	-	124.9	-	W	W	-	1,210.2	-
July 2017	W	W	-	123.5	-	W	W	-	1,140.5	-
August 2016	W	W	-	124.0	-	W	W	-	1,164.8	-
Tennessee										
August 2017	W	W	-	W	W	W	W	-	W	W
July 2017	W	W	-	953.7	-	W	W	-	10,444.5	-
August 2016	W	W	W	W	-	W	916.9	W	W	-
Wisconsin										
August 2017	W	W	W	W	-	W	W	W	W	-
July 2017	W	W	W	W	-	W	W	W	W	-
August 2016	W	W	W	W	-	W	W	W	W	-
PAD District 3										
August 2017	96.4	103.4	W	5,282.1	W	1,127.1	1,172.3	W	54,070.8	W
July 2017	95.4	100.1	W	5,392.9	W	1,113.7	1,150.2	W	54,086.3	W
August 2016	116.8	120.0	W	W	968.7	1,541.2	1,579.3	95.8	53,099.3	15,295.8
Alabama										
August 2017	-	W	-	W	W	-	W	-	W	W
July 2017	-	W	-	444.7	-	-	W	-	5,216.4	-
August 2016	W	23.7	W	W	-	W	W	W	4,692.4	W
Arkansas										
August 2017	-	-	-	304.9	-	-	-	-	3,352.2	-
July 2017	-	-	-	314.3	-	-	-	-	3,339.2	-
August 2016	W	W	W	W	-	W	W	W	W	-
Louisiana										
August 2017	-	-	-	W	W	-	W	-	6,548.0	886.9
July 2017	-	-	-	W	W	-	W	-	6,390.6	680.2
August 2016	-	-	-	W	W	-	W	-	6,211.0	1,589.4
Mississippi										
August 2017	-	-	-	W	W	-	-	-	3,494.2	1,995.3
July 2017	-	-	-	251.7	-	-	-	-	W	W
August 2016	W	W	-	W	W	W	29.0	-	W	W
New Mexico										
August 2017	W	W	W	W	-	W	501.4	W	W	-
July 2017	W	W	W	W	-	W	514.0	W	W	-
August 2016	47.5	48.1	W	W	-	491.0	502.7	W	W	-
Texas										
August 2017	W	W	W	3,468.9	W	W	W	W	33,473.3	W
July 2017	W	W	W	3,610.2	W	W	W	W	33,820.6	W
August 2016	W	W	W	3,644.8	W	W	W	W	33,761.8	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										
August 2017	W	407.1	W	11,474.5	W	81.6	84.1	-	158.4	-
July 2017	W	411.4	W	11,655.0	W	83.0	84.8	-	175.7	-
August 2016	410.7	430.6	W	W	W	84.1	85.9	-	162.2	-
Colorado										
August 2017	160.0	163.4	W	W	W	45.5	46.7	-	71.7	-
July 2017	165.2	168.9	W	W	W	46.3	47.1	-	69.3	-
August 2016	165.6	168.8	W	W	-	46.7	48.0	-	87.9	-
Idaho										
August 2017	W	W	-	1,500.3	-	W	W	-	9.8	-
July 2017	W	W	-	1,618.4	-	W	W	-	23.9	-
August 2016	W	W	-	1,363.5	-	W	W	-	10.3	-
Montana										
August 2017	W	W	-	1,473.1	-	W	W	-	4.9	-
July 2017	W	W	-	1,498.4	-	W	W	-	4.9	-
August 2016	W	W	-	W	W	W	W	-	10.2	-
Utah										
August 2017	W	W	W	W	W	W	W	-	54.0	-
July 2017	W	W	W	W	W	W	W	-	58.2	-
August 2016	W	W	W	2,693.2	W	W	W	-	41.5	-
Wyoming										
August 2017	W	11.6	-	1,054.2	-	W	W	-	17.8	-
July 2017	W	12.3	-	1,043.1	-	W	W	-	19.5	-
August 2016	W	W	-	1,003.4	-	W	W	-	12.3	-
PAD District 5										
August 2017	4,248.4	4,316.8	16,170.1	30,849.4	1,974.0	660.7	665.5	267.6	379.2	-
July 2017	4,169.9	4,231.4	15,860.7	29,579.1	1,925.7	654.7	659.7	265.6	367.1	-
August 2016	4,067.1	4,120.4	17,028.4	28,681.5	3,553.3	681.0	682.0	W	W	-
Alaska										
August 2017	W	W	85.5	W	W	W	W	W	W	-
July 2017	W	W	84.0	W	W	W	W	W	W	-
August 2016	W	W	87.3	W	W	W	W	W	W	-
Arizona										
August 2017	W	W	W	4,258.9	W	W	W	W	W	-
July 2017	W	W	W	4,133.3	W	W	W	W	W	-
August 2016	W	W	W	4,119.7	W	W	W	W	W	-
California										
August 2017	3,073.9	3,075.7	W	15,761.2	W	W	W	170.4	230.9	-
July 2017	2,989.6	2,991.4	W	14,903.5	W	W	W	168.8	220.8	-
August 2016	W	W	12,528.8	14,614.4	2,518.2	W	W	213.0	253.9	-
Hawaii										
August 2017	W	W	W	W	NA	W	W	W	W	-
July 2017	W	W	W	W	W	W	W	W	W	-
August 2016	W	W	W	W	W	W	W	W	W	-
Nevada										
August 2017	W	W	W	1,492.3	W	W	W	W	W	-
July 2017	W	W	W	1,368.6	W	W	W	W	W	-
August 2016	W	W	W	1,388.6	W	W	W	W	W	-
Oregon										
August 2017	98.8	98.8	854.5	W	W	6.9	6.9	W	W	-
July 2017	101.6	101.6	W	3,258.7	W	7.1	7.1	4.5	14.4	-
August 2016	99.4	99.4	W	2,742.0	W	7.4	7.4	W	W	-
Washington										
August 2017	302.3	310.3	1,119.5	5,349.0	-	31.7	32.1	18.5	55.6	-
July 2017	308.3	316.3	W	5,279.4	W	32.4	32.7	W	W	-
August 2016	271.9	279.9	1,257.3	W	W	31.1	31.4	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										
August 2017	W	86.9	W	2,611.8	W	W	578.2	W	14,244.6	W
July 2017	W	88.6	W	2,643.0	W	W	584.7	W	14,473.6	W
August 2016	84.5	89.8	W	W	W	579.4	606.4	W	13,921.1	W
Colorado										
August 2017	36.3	36.4	W	W	-	241.8	246.5	W	5,966.1	W
July 2017	37.5	37.6	W	W	-	249.0	253.6	W	5,868.6	W
August 2016	38.7	38.8	W	W	-	251.1	255.6	W	W	-
Idaho										
August 2017	W	W	-	277.1	-	W	W	-	1,787.3	-
July 2017	W	W	-	307.2	-	W	W	-	1,949.5	-
August 2016	W	W	-	248.1	-	W	W	-	1,621.8	-
Montana										
August 2017	W	W	-	343.4	-	W	W	-	1,821.4	-
July 2017	W	W	-	350.5	-	W	W	-	1,853.8	-
August 2016	W	W	-	340.7	-	W	W	-	W	W
Utah										
August 2017	W	W	W	W	W	W	W	W	3,395.7	W
July 2017	W	W	W	W	W	W	W	W	3,536.1	W
August 2016	W	W	W	739.9	W	W	W	W	3,474.6	W
Wyoming										
August 2017	W	W	-	202.0	-	W	15.1	-	1,274.1	-
July 2017	W	W	-	203.1	-	W	15.9	-	1,265.6	-
August 2016	W	W	-	184.1	-	W	W	-	1,199.8	-
PAD District 5										
August 2017	1,130.8	1,137.7	4,625.1	6,400.5	328.3	6,040.0	6,119.9	21,062.8	37,629.1	2,302.3
July 2017	1,129.2	1,135.9	4,565.8	6,204.2	337.8	5,953.8	6,027.0	20,692.1	36,150.6	2,263.5
August 2016	1,154.3	1,159.7	4,794.4	W	W	5,902.4	5,962.1	W	35,178.8	W
Alaska										
August 2017	W	W	W	W	-	W	W	104.7	W	W
July 2017	W	W	W	W	W	W	W	103.1	W	W
August 2016	W	W	W	38.7	-	W	W	106.8	W	W
Arizona										
August 2017	W	W	188.3	W	W	W	W	W	4,864.8	W
July 2017	W	W	175.3	W	W	W	W	W	4,689.7	W
August 2016	W	W	180.8	W	W	W	W	W	4,664.0	W
California										
August 2017	W	W	W	3,883.3	W	4,571.0	4,572.9	15,749.0	19,875.4	1,932.5
July 2017	W	W	W	3,766.9	W	4,482.1	4,483.9	15,466.1	18,891.1	1,751.7
August 2016	W	W	3,849.5	3,746.9	282.3	W	W	16,591.1	18,615.1	2,800.5
Hawaii										
August 2017	W	W	W	W	NA	W	W	W	W	NA
July 2017	W	W	W	W	W	W	W	W	W	W
August 2016	W	W	W	W	W	W	W	W	W	W
Nevada										
August 2017	W	W	W	W	W	W	W	W	1,898.5	W
July 2017	W	W	W	W	W	W	W	W	1,735.9	W
August 2016	W	W	W	W	W	W	W	W	1,751.8	W
Oregon										
August 2017	15.2	15.2	141.5	448.5	-	120.9	120.9	W	3,821.6	W
July 2017	15.9	15.9	W	451.3	W	124.5	124.5	992.8	3,724.4	76.1
August 2016	15.4	15.4	147.4	W	W	122.2	122.2	W	3,146.0	W
Washington										
August 2017	52.5	53.2	251.9	1,027.2	-	386.6	395.6	1,390.0	6,431.8	-
July 2017	52.4	53.0	249.7	W	W	393.1	402.0	W	6,366.0	W
August 2016	49.2	49.6	276.2	1,006.5	-	352.1	360.8	W	6,224.9	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					
August 2017	15,522.7	15,763.2	4,983.5	195,823.4	14,566.1
July 2017	15,232.3	15,453.0	4,948.7	190,663.5	10,695.9
August 2016	16,820.1	17,079.3	5,243.9	188,548.4	20,568.1
PAD District 1					
August 2017	W	W	W	52,187.1	W
July 2017	W	W	W	50,286.8	W
August 2016	W	W	W	50,870.8	W
Subdistrict 1A					
August 2017	-	-	W	W	-
July 2017	-	-	W	W	-
August 2016	-	-	W	W	-
Connecticut					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
Maine					
August 2017	-	-	W	W	-
July 2017	-	-	W	W	-
August 2016	-	-	W	W	-
Massachusetts					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
New Hampshire					
August 2017	-	-	W	W	-
July 2017	-	-	W	W	-
August 2016	-	-	W	W	-
Rhode Island					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
Vermont					
August 2017	-	-	W	W	-
July 2017	-	-	W	W	-
August 2016	-	-	W	W	-
Subdistrict 1B					
August 2017	W	W	W	6,433.0	W
July 2017	W	W	W	5,901.6	W
August 2016	W	W	W	W	1,266.3
Delaware					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
District of Columbia					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
Maryland					
August 2017	-	-	-	W	-
July 2017	-	-	-	525.6	-
August 2016	-	-	-	W	W
New Jersey					
August 2017	-	-	-	-	W
July 2017	-	-	-	-	-
August 2016	-	-	-	-	185.9
New York					
August 2017	W	W	W	W	W
July 2017	W	W	W	W	W
August 2016	W	W	W	2,746.4	W
Pennsylvania					
August 2017	W	W	-	W	W
July 2017	W	W	-	W	W
August 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					
August 2017	9,399.5	9,423.1	18,019.1	78,834.2	2,729.3
July 2017	9,343.0	9,359.9	17,663.8	77,251.1	2,810.7
August 2016	9,427.9	9,453.6	18,684.5	78,619.2	3,108.1
PAD District 1					
August 2017	W	W	W	27,908.1	W
July 2017	W	W	W	27,228.8	W
August 2016	W	W	W	28,349.1	W
Subdistrict 1A					
August 2017	W	W	W	4,812.9	W
July 2017	W	W	W	4,622.5	W
August 2016	W	W	W	W	W
Connecticut					
August 2017	-	W	W	W	NA
July 2017	-	W	W	W	NA
August 2016	-	W	W	2,513.8	W
Maine					
August 2017	-	-	-	W	-
July 2017	-	-	-	W	-
August 2016	-	-	-	W	-
Massachusetts					
August 2017	W	W	W	W	-
July 2017	W	W	W	W	-
August 2016	W	W	W	W	-
New Hampshire					
August 2017	W	W	-	-	-
July 2017	W	W	-	-	-
August 2016	W	W	-	-	-
Rhode Island					
August 2017	W	W	W	NA	W
July 2017	W	W	W	NA	W
August 2016	W	W	W	896.4	W
Vermont					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
Subdistrict 1B					
August 2017	W	W	W	18,820.4	W
July 2017	W	W	W	18,343.6	W
August 2016	W	W	W	W	W
Delaware					
August 2017	W	W	-	1,230.5	-
July 2017	W	W	-	1,182.5	-
August 2016	W	W	-	1,155.2	-
District of Columbia					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
Maryland					
August 2017	-	-	-	W	-
July 2017	-	-	-	3,583.8	-
August 2016	-	W	W	W	-
New Jersey					
August 2017	W	W	W	7,754.0	W
July 2017	W	W	W	7,666.6	W
August 2016	W	W	W	W	-
New York					
August 2017	W	W	W	W	-
July 2017	W	W	W	W	-
August 2016	W	W	W	3,323.2	W
Pennsylvania					
August 2017	W	W	-	W	W
July 2017	W	W	-	W	W
August 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					
August 2017	24,922.1	25,186.3	23,002.6	274,657.5	17,295.4
July 2017	24,575.3	24,812.9	22,612.5	267,914.6	13,506.6
August 2016	26,248.0	26,532.9	23,928.4	267,167.5	23,676.1
PAD District 1					
August 2017	8,271.4	8,286.8	W	80,095.2	W
July 2017	8,187.9	8,198.5	W	77,515.7	W
August 2016	8,611.2	8,633.4	W	79,220.0	W
Subdistrict 1A					
August 2017	W	W	W	W	W
July 2017	W	W	W	W	W
August 2016	W	W	W	5,191.2	W
Connecticut					
August 2017	-	W	W	W	NA
July 2017	-	W	W	W	NA
August 2016	-	W	W	2,513.8	W
Maine					
August 2017	-	-	W	W	-
July 2017	-	-	W	W	-
August 2016	-	-	W	W	-
Massachusetts					
August 2017	W	W	W	W	-
July 2017	W	W	W	W	-
August 2016	W	W	W	W	-
New Hampshire					
August 2017	W	W	W	W	-
July 2017	W	W	W	W	-
August 2016	W	W	W	W	-
Rhode Island					
August 2017	W	W	W	NA	W
July 2017	W	W	W	NA	W
August 2016	W	W	W	896.4	W
Vermont					
August 2017	-	-	W	W	-
July 2017	-	-	W	W	-
August 2016	-	-	W	W	-
Subdistrict 1B					
August 2017	4,132.6	4,132.6	W	25,253.5	W
July 2017	4,141.0	4,141.0	W	24,245.3	W
August 2016	4,172.5	4,174.5	W	25,364.1	W
Delaware					
August 2017	W	W	-	1,230.5	-
July 2017	W	W	-	1,182.5	-
August 2016	W	W	-	1,155.2	-
District of Columbia					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
Maryland					
August 2017	-	-	-	4,367.1	-
July 2017	-	-	-	4,109.5	-
August 2016	-	W	W	4,396.3	W
New Jersey					
August 2017	W	W	W	7,754.0	W
July 2017	W	W	W	7,666.6	W
August 2016	W	W	W	W	185.9
New York					
August 2017	2,565.1	2,565.1	W	W	W
July 2017	2,571.7	2,571.7	W	W	W
August 2016	2,549.5	2,549.5	W	6,069.5	W
Pennsylvania					
August 2017	W	W	-	W	W
July 2017	W	W	-	W	W
August 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					
August 2017	W	W	-	W	W
July 2017	W	W	-	W	W
August 2016	W	3,584.1	W	44,029.6	W
Florida					
August 2017	W	W	-	16,182.4	-
July 2017	W	W	-	15,642.9	-
August 2016	W	W	-	15,541.7	-
Georgia					
August 2017	W	W	-	9,401.3	-
July 2017	W	W	-	9,250.1	-
August 2016	W	140.6	W	W	W
North Carolina					
August 2017	W	W	-	W	W
July 2017	W	W	-	W	W
August 2016	W	W	-	W	W
South Carolina					
August 2017	W	W	-	W	W
July 2017	W	W	-	4,911.2	-
August 2016	W	W	-	5,054.7	-
Virginia					
August 2017	W	W	-	3,542.0	-
July 2017	W	W	-	3,505.5	-
August 2016	W	W	-	3,478.0	-
West Virginia					
August 2017	W	W	-	710.0	-
July 2017	W	W	-	683.9	-
August 2016	W	W	-	807.8	-
PAD District 2					
August 2017	7,333.1	W	W	W	W
July 2017	7,175.5	W	W	W	2,025.9
August 2016	W	W	W	73,038.6	W
Illinois					
August 2017	W	W	-	W	W
July 2017	W	W	-	W	W
August 2016	W	34.9	-	W	W
Indiana					
August 2017	W	W	-	W	W
July 2017	W	W	-	W	W
August 2016	W	W	-	W	W
Iowa					
August 2017	-	W	-	3,079.1	-
July 2017	-	W	-	3,007.2	-
August 2016	-	W	-	2,995.0	-
Kansas					
August 2017	W	W	-	4,785.0	857.6
July 2017	W	W	-	4,702.0	722.1
August 2016	W	W	-	4,774.0	1,131.3
Kentucky					
August 2017	W	W	-	W	W
July 2017	W	W	-	W	W
August 2016	W	W	-	W	W
Michigan					
August 2017	W	W	-	W	W
July 2017	W	W	-	W	W
August 2016	W	W	-	W	W
Minnesota					
August 2017	W	W	W	5,758.6	W
July 2017	W	W	W	5,421.4	W
August 2016	W	W	W	5,807.7	W
Missouri					
August 2017	-	-	-	3,139.3	-
July 2017	-	-	-	3,163.2	-
August 2016	-	-	-	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	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C					
August 2017	-	-	-	4,274.8	-
July 2017	-	-	-	4,262.6	-
August 2016	-	W	-	4,635.1	-
Florida					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
Georgia					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
North Carolina					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
South Carolina					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
Virginia					
August 2017	-	-	-	4,274.8	-
July 2017	-	-	-	4,262.6	-
August 2016	-	W	-	4,635.1	-
West Virginia					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
PAD District 2					
August 2017	W	W	-	W	W
July 2017	W	W	-	W	W
August 2016	W	W	-	12,709.6	-
Illinois					
August 2017	W	W	-	W	W
July 2017	W	W	-	W	W
August 2016	W	W	-	8,264.0	-
Indiana					
August 2017	W	W	-	1,099.1	-
July 2017	W	W	-	1,079.3	-
August 2016	W	W	-	963.4	-
Iowa					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
Kansas					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
Kentucky					
August 2017	W	W	-	1,022.8	-
July 2017	W	W	-	1,011.0	-
August 2016	W	W	-	W	-
Michigan					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
Minnesota					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
Missouri					
August 2017	-	-	-	723.0	-
July 2017	-	-	-	739.2	-
August 2016	-	-	-	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
Subdistrict 1C					
August 2017	W	W	-	W	W
July 2017	W	W	-	W	W
August 2016	W	W	W	48,664.6	W
Florida					
August 2017	W	W	-	16,182.4	-
July 2017	W	W	-	15,642.9	-
August 2016	W	W	-	15,541.7	-
Georgia					
August 2017	W	W	-	9,401.3	-
July 2017	W	W	-	9,250.1	-
August 2016	W	140.6	W	W	W
North Carolina					
August 2017	W	W	-	W	W
July 2017	W	W	-	W	W
August 2016	W	W	-	W	W
South Carolina					
August 2017	W	W	-	W	W
July 2017	W	W	-	4,911.2	-
August 2016	W	W	-	5,054.7	-
Virginia					
August 2017	W	W	-	7,816.8	-
July 2017	W	W	-	7,768.2	-
August 2016	W	W	-	8,113.0	-
West Virginia					
August 2017	W	W	-	710.0	-
July 2017	W	W	-	683.9	-
August 2016	W	W	-	807.8	-
PAD District 2					
August 2017	W	9,029.1	W	88,617.7	W
July 2017	W	8,852.5	W	85,688.5	W
August 2016	9,613.8	9,751.7	W	85,748.2	W
Illinois					
August 2017	W	W	-	W	W
July 2017	W	W	-	W	W
August 2016	W	W	-	W	W
Indiana					
August 2017	W	W	-	W	W
July 2017	W	W	-	W	W
August 2016	W	W	-	W	W
Iowa					
August 2017	-	W	-	3,079.1	-
July 2017	-	W	-	3,007.2	-
August 2016	-	W	-	2,995.0	-
Kansas					
August 2017	W	W	-	4,785.0	857.6
July 2017	W	W	-	4,702.0	722.1
August 2016	W	W	-	4,774.0	1,131.3
Kentucky					
August 2017	W	W	-	W	W
July 2017	W	W	-	W	W
August 2016	W	W	-	W	W
Michigan					
August 2017	W	W	-	W	W
July 2017	W	W	-	W	W
August 2016	W	W	-	W	W
Minnesota					
August 2017	W	W	W	5,758.6	W
July 2017	W	W	W	5,421.4	W
August 2016	W	W	W	5,807.7	W
Missouri					
August 2017	-	-	-	3,862.3	-
July 2017	-	-	-	3,902.5	-
August 2016	-	-	-	3,594.2	-

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					
August 2017	W	W	-	1,741.5	-
July 2017	W	W	-	1,630.7	-
August 2016	W	W	-	1,757.6	-
North Dakota					
August 2017	W	W	W	W	-
July 2017	W	W	W	W	-
August 2016	W	W	W	W	-
Ohio					
August 2017	W	W	-	W	W
July 2017	W	W	-	W	W
August 2016	W	W	-	W	W
Oklahoma					
August 2017	W	W	-	4,943.6	605.2
July 2017	W	W	-	4,809.1	645.6
August 2016	W	W	-	4,630.9	365.8
South Dakota					
August 2017	W	W	-	1,210.2	-
July 2017	W	W	-	1,140.5	-
August 2016	W	W	-	1,164.8	-
Tennessee					
August 2017	W	W	-	W	W
July 2017	W	W	-	10,444.5	-
August 2016	W	916.9	W	W	-
Wisconsin					
August 2017	W	58.7	W	W	-
July 2017	W	60.6	W	W	-
August 2016	63.1	64.1	W	W	-
PAD District 3					
August 2017	1,127.1	1,172.3	W	39,097.3	W
July 2017	1,113.7	1,150.2	W	W	W
August 2016	1,541.2	1,579.3	95.8	37,287.8	15,295.8
Alabama					
August 2017	-	W	-	W	W
July 2017	-	W	-	5,216.4	-
August 2016	W	W	W	4,692.4	W
Arkansas					
August 2017	-	-	-	3,352.2	-
July 2017	-	-	-	3,339.2	-
August 2016	W	W	W	W	-
Louisiana					
August 2017	-	W	-	6,548.0	886.9
July 2017	-	W	-	6,390.6	680.2
August 2016	-	W	-	6,211.0	1,589.4
Mississippi					
August 2017	-	-	-	3,494.2	1,995.3
July 2017	-	-	-	W	W
August 2016	W	29.0	-	W	W
New Mexico					
August 2017	W	501.4	W	W	-
July 2017	W	514.0	W	W	-
August 2016	491.0	502.7	W	W	-
Texas					
August 2017	W	W	W	W	W
July 2017	W	W	W	W	W
August 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					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
North Dakota					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
Ohio					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
Oklahoma					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
South Dakota					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
Tennessee					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
Wisconsin					
August 2017	W	W	-	1,633.6	-
July 2017	W	W	-	1,521.6	-
August 2016	W	W	-	W	-
PAD District 3					
August 2017	-	-	-	14,973.5	-
July 2017	-	-	-	W	W
August 2016	-	-	-	15,811.5	-
Alabama					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
Arkansas					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
Louisiana					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
Mississippi					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
New Mexico					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
Texas					
August 2017	-	-	-	W	-
July 2017	-	-	-	W	W
August 2016	-	-	-	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					
August 2017	W	W	-	1,741.5	-
July 2017	W	W	-	1,630.7	-
August 2016	W	W	-	1,757.6	-
North Dakota					
August 2017	W	W	W	W	-
July 2017	W	W	W	W	-
August 2016	W	W	W	W	-
Ohio					
August 2017	W	W	-	W	W
July 2017	W	W	-	W	W
August 2016	W	W	-	W	W
Oklahoma					
August 2017	W	W	-	4,943.6	605.2
July 2017	W	W	-	4,809.1	645.6
August 2016	W	W	-	4,630.9	365.8
South Dakota					
August 2017	W	W	-	1,210.2	-
July 2017	W	W	-	1,140.5	-
August 2016	W	W	-	1,164.8	-
Tennessee					
August 2017	W	W	-	W	W
July 2017	W	W	-	10,444.5	-
August 2016	W	916.9	W	W	-
Wisconsin					
August 2017	W	W	W	W	-
July 2017	W	W	W	W	-
August 2016	W	W	W	W	-
PAD District 3					
August 2017	1,127.1	1,172.3	W	54,070.8	W
July 2017	1,113.7	1,150.2	W	54,086.3	W
August 2016	1,541.2	1,579.3	95.8	53,099.3	15,295.8
Alabama					
August 2017	-	W	-	W	W
July 2017	-	W	-	5,216.4	-
August 2016	W	W	W	4,692.4	W
Arkansas					
August 2017	-	-	-	3,352.2	-
July 2017	-	-	-	3,339.2	-
August 2016	W	W	W	W	-
Louisiana					
August 2017	-	W	-	6,548.0	886.9
July 2017	-	W	-	6,390.6	680.2
August 2016	-	W	-	6,211.0	1,589.4
Mississippi					
August 2017	-	-	-	3,494.2	1,995.3
July 2017	-	-	-	W	W
August 2016	W	29.0	-	W	W
New Mexico					
August 2017	W	501.4	W	W	-
July 2017	W	514.0	W	W	-
August 2016	491.0	502.7	W	W	-
Texas					
August 2017	W	W	W	33,473.3	W
July 2017	W	W	W	33,820.6	W
August 2016	W	W	W	33,761.8	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					
August 2017	W	578.2	W	14,244.6	W
July 2017	W	584.7	W	14,473.6	W
August 2016	579.4	606.4	W	13,921.1	W
Colorado					
August 2017	241.8	246.5	W	5,966.1	W
July 2017	249.0	253.6	W	5,868.6	W
August 2016	251.1	255.6	W	W	-
Idaho					
August 2017	W	W	-	1,787.3	-
July 2017	W	W	-	1,949.5	-
August 2016	W	W	-	1,621.8	-
Montana					
August 2017	W	W	-	1,821.4	-
July 2017	W	W	-	1,853.8	-
August 2016	W	W	-	W	W
Utah					
August 2017	W	W	W	3,395.7	W
July 2017	W	W	W	3,536.1	W
August 2016	W	W	W	3,474.6	W
Wyoming					
August 2017	W	15.1	-	1,274.1	-
July 2017	W	15.9	-	1,265.6	-
August 2016	W	W	-	1,199.8	-
PAD District 5					
August 2017	W	1,544.1	W	W	W
July 2017	W	1,540.2	W	14,115.3	W
August 2016	W	W	W	13,429.8	W
Alaska					
August 2017	W	W	104.7	W	W
July 2017	W	W	103.1	W	W
August 2016	W	W	106.8	W	W
Arizona					
August 2017	W	W	464.2	W	-
July 2017	W	W	457.9	W	-
August 2016	W	W	W	W	-
California					
August 2017	-	-	-	-	W
July 2017	-	-	-	-	W
August 2016	-	-	-	-	W
Hawaii					
August 2017	W	W	W	W	NA
July 2017	W	W	W	W	W
August 2016	W	W	W	W	W
Nevada					
August 2017	W	W	W	1,898.5	W
July 2017	W	W	W	1,735.9	W
August 2016	W	W	W	1,751.8	W
Oregon					
August 2017	120.9	120.9	W	3,821.6	W
July 2017	124.5	124.5	992.8	3,724.4	76.1
August 2016	122.2	122.2	W	3,146.0	W
Washington					
August 2017	386.6	395.6	1,390.0	6,431.8	-
July 2017	393.1	402.0	W	6,366.0	W
August 2016	352.1	360.8	W	6,224.9	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					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
Colorado					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
Idaho					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
Montana					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
Utah					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
Wyoming					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
PAD District 5					
August 2017	W	4,575.9	W	W	W
July 2017	W	4,486.8	W	22,035.3	W
August 2016	W	W	W	21,749.0	W
Alaska					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
Arizona					
August 2017	-	W	W	W	W
July 2017	-	W	W	W	W
August 2016	-	W	W	W	W
California					
August 2017	W	W	15,749.0	19,875.4	W
July 2017	W	W	15,466.1	W	W
August 2016	W	W	16,591.1	W	W
Hawaii					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
Nevada					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
Oregon					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 2016	-	-	-	-	-
Washington					
August 2017	-	-	-	-	-
July 2017	-	-	-	-	-
August 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					
August 2017	W	578.2	W	14,244.6	W
July 2017	W	584.7	W	14,473.6	W
August 2016	579.4	606.4	W	13,921.1	W
Colorado					
August 2017	241.8	246.5	W	5,966.1	W
July 2017	249.0	253.6	W	5,868.6	W
August 2016	251.1	255.6	W	W	-
Idaho					
August 2017	W	W	-	1,787.3	-
July 2017	W	W	-	1,949.5	-
August 2016	W	W	-	1,621.8	-
Montana					
August 2017	W	W	-	1,821.4	-
July 2017	W	W	-	1,853.8	-
August 2016	W	W	-	W	W
Utah					
August 2017	W	W	W	3,395.7	W
July 2017	W	W	W	3,536.1	W
August 2016	W	W	W	3,474.6	W
Wyoming					
August 2017	W	15.1	-	1,274.1	-
July 2017	W	15.9	-	1,265.6	-
August 2016	W	W	-	1,199.8	-
PAD District 5					
August 2017	6,040.0	6,119.9	21,062.8	37,629.1	2,302.3
July 2017	5,953.8	6,027.0	20,692.1	36,150.6	2,263.5
August 2016	5,902.4	5,962.1	W	35,178.8	W
Alaska					
August 2017	W	W	104.7	W	W
July 2017	W	W	103.1	W	W
August 2016	W	W	106.8	W	W
Arizona					
August 2017	W	W	W	4,864.8	W
July 2017	W	W	W	4,689.7	W
August 2016	W	W	W	4,664.0	W
California					
August 2017	4,571.0	4,572.9	15,749.0	19,875.4	1,932.5
July 2017	4,482.1	4,483.9	15,466.1	18,891.1	1,751.7
August 2016	W	W	16,591.1	18,615.1	2,800.5
Hawaii					
August 2017	W	W	W	W	NA
July 2017	W	W	W	W	W
August 2016	W	W	W	W	W
Nevada					
August 2017	W	W	W	1,898.5	W
July 2017	W	W	W	1,735.9	W
August 2016	W	W	W	1,751.8	W
Oregon					
August 2017	120.9	120.9	W	3,821.6	W
July 2017	124.5	124.5	992.8	3,724.4	76.1
August 2016	122.2	122.2	W	3,146.0	W
Washington					
August 2017	386.6	395.6	1,390.0	6,431.8	-
July 2017	393.1	402.0	W	6,366.0	W
August 2016	352.1	360.8	W	6,224.9	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										
August 2017	W	506.4	32,406.8	40,510.0	1.6	696.4	W	176.7	5,767.9	24,684.3
July 2017	W	468.9	32,720.3	39,651.6	1.2	676.9	W	107.4	4,968.3	19,988.6
August 2016	W	613.5	32,731.0	31,754.8	W	1,451.2	38.5	227.2	6,864.3	29,214.3
PAD District 1										
August 2017	W	148.0	4,787.0	7,220.5	W	164.0	-	2.2	W	4,645.9
July 2017	W	136.5	4,719.5	7,689.0	W	9.5	-	W	W	3,650.0
August 2016	W	W	5,519.3	5,853.1	W	251.6	W	W	W	3,979.7
Subdistrict 1A										
August 2017	-	W	628.1	598.7	W	-	-	W	W	599.5
July 2017	W	W	568.7	507.9	W	W	-	W	W	490.8
August 2016	W	W	397.8	417.4	W	-	-	W	W	521.7
Connecticut										
August 2017	-	-	W	W	-	-	-	-	-	76.2
July 2017	-	-	W	W	-	-	-	-	-	63.7
August 2016	-	-	W	W	-	-	-	-	-	58.9
Maine										
August 2017	-	W	W	W	-	-	-	-	W	173.3
July 2017	W	W	W	W	-	-	-	-	W	138.6
August 2016	W	W	W	W	-	-	-	W	W	145.4
Massachusetts										
August 2017	-	-	W	538.4	W	-	-	-	-	74.1
July 2017	-	-	W	458.9	W	-	-	-	-	71.2
August 2016	-	-	W	357.5	W	-	-	-	-	85.5
New Hampshire										
August 2017	-	-	W	W	W	-	-	-	-	W
July 2017	-	-	W	W	W	-	-	-	-	58.3
August 2016	-	-	W	W	W	-	-	-	-	65.1
Rhode Island										
August 2017	-	-	W	W	W	-	-	-	-	W
July 2017	-	-	W	W	W	-	-	-	-	W
August 2016	-	-	W	W	W	-	-	-	-	W
Vermont										
August 2017	-	-	W	W	-	-	-	W	W	W
July 2017	-	-	W	W	-	W	-	W	W	W
August 2016	-	-	W	W	-	-	-	W	W	W
Subdistrict 1B										
August 2017	W	W	2,119.7	5,075.8	0.9	W	-	1.1	W	1,644.8
July 2017	-	W	2,086.3	5,794.7	0.5	4.2	-	W	W	1,367.3
August 2016	W	W	3,591.3	3,846.4	W	W	W	3.9	W	1,502.2
Delaware										
August 2017	-	-	-	W	W	W	-	-	-	W
July 2017	-	-	-	W	W	-	-	-	-	W
August 2016	-	-	-	W	W	-	-	-	-	W
District of Columbia										
August 2017	-	-	-	-	-	-	-	-	-	-
July 2017	-	-	-	-	-	-	-	-	-	-
August 2016	-	-	-	-	-	-	-	-	-	-
Maryland										
August 2017	-	-	W	W	-	W	-	-	-	W
July 2017	-	-	W	W	-	W	-	-	-	W
August 2016	-	-	W	W	-	W	-	-	-	W
New Jersey										
August 2017	-	W	799.0	3,023.2	W	90.3	-	-	-	284.2
July 2017	-	W	867.6	3,840.5	W	-	-	-	-	276.1
August 2016	-	-	2,319.9	2,726.7	W	229.6	-	-	-	214.2
New York										
August 2017	W	W	960.0	107.6	W	W	-	W	W	299.8
July 2017	-	W	884.4	89.2	W	W	-	W	W	243.2
August 2016	W	W	W	167.3	W	W	-	W	W	280.5
Pennsylvania										
August 2017	W	W	W	1,864.2	0.5	W	-	W	W	836.8
July 2017	-	W	W	1,807.0	W	W	-	-	W	646.8
August 2016	-	W	W	903.7	W	1.1	W	W	W	798.1

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										
August 2017	W	93.8	2,039.1	1,546.1	W	W	-	W	W	2,401.7
July 2017	W	94.5	2,064.5	1,386.4	W	W	-	W	W	1,792.0
August 2016	W	96.8	1,530.3	1,589.4	W	W	-	W	W	1,955.7
Florida										
August 2017	-	63.5	W	1,175.5	W	-	-	-	-	338.7
July 2017	-	69.9	W	1,026.4	W	-	-	-	-	339.0
August 2016	-	69.5	961.5	1,194.0	W	-	-	-	-	318.8
Georgia										
August 2017	W	W	W	94.8	-	W	-	W	-	419.3
July 2017	W	W	W	89.9	-	W	-	W	-	266.0
August 2016	W	W	W	56.4	-	-	-	W	-	380.6
North Carolina										
August 2017	-	W	W	W	W	W	-	-	-	748.3
July 2017	-	W	W	109.0	W	W	-	-	-	453.7
August 2016	W	W	W	125.9	W	W	-	-	-	583.7
South Carolina										
August 2017	-	-	W	62.0	W	W	-	-	-	394.1
July 2017	-	-	W	65.2	W	W	-	-	-	241.4
August 2016	-	-	W	W	W	W	-	-	-	375.0
Virginia										
August 2017	-	W	387.0	109.2	-	W	-	-	-	162.4
July 2017	-	W	390.1	W	-	W	-	-	-	107.5
August 2016	-	W	211.5	144.1	-	W	-	-	-	W
West Virginia										
August 2017	-	-	W	W	W	-	-	-	W	338.9
July 2017	-	-	W	W	W	-	-	-	W	384.3
August 2016	-	-	W	W	W	-	-	-	W	W
PAD District 2										
August 2017	W	126.5	6,117.7	5,757.7	W	W	4.0	85.3	W	7,534.5
July 2017	W	134.6	5,804.1	5,765.7	W	17.7	2.5	51.1	W	5,891.8
August 2016	W	138.0	6,244.4	5,692.0	W	W	3.2	82.7	W	6,777.7
Illinois										
August 2017	W	W	1,485.9	W	W	W	W	W	W	1,425.6
July 2017	W	W	1,288.1	W	W	W	W	1.9	W	1,356.1
August 2016	W	W	1,722.2	1,422.5	W	W	W	W	W	1,139.5
Indiana										
August 2017	-	-	988.8	387.6	W	W	-	W	W	373.5
July 2017	-	-	990.4	321.6	W	6.9	-	W	W	189.2
August 2016	-	-	737.2	451.3	W	W	-	W	W	229.9
Iowa										
August 2017	-	-	9.7	78.2	-	-	-	8.7	W	324.4
July 2017	-	-	12.9	93.0	-	-	-	8.8	W	189.8
August 2016	-	-	W	52.4	-	W	-	10.4	W	321.2
Kansas										
August 2017	W	W	W	W	-	W	W	W	W	1,790.8
July 2017	W	W	W	W	-	W	W	W	W	1,319.2
August 2016	W	W	W	W	-	W	-	13.0	W	1,861.5
Kentucky										
August 2017	-	W	W	W	W	W	W	W	W	503.7
July 2017	-	W	W	585.0	W	W	W	W	W	396.7
August 2016	-	W	W	496.7	W	W	-	W	W	432.9
Michigan										
August 2017	-	-	172.2	554.4	W	W	W	W	W	449.9
July 2017	-	-	154.7	571.5	W	W	W	W	W	335.5
August 2016	-	-	W	542.5	W	W	W	W	W	442.5
Minnesota										
August 2017	-	W	232.0	W	W	7.8	W	19.1	W	424.9
July 2017	W	W	220.9	W	W	W	W	11.6	W	297.0
August 2016	W	W	449.2	W	W	9.1	0.6	15.5	W	320.5
Missouri										
August 2017	W	-	W	W	-	-	-	-	-	241.6
July 2017	W	-	W	W	-	-	-	W	W	134.8
August 2016	W	W	W	W	-	-	-	-	-	216.9

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										
August 2017	W	-	W	W	-	-	-	5.2	W	W
July 2017	W	-	W	W	-	-	-	1.8	W	143.2
August 2016	W	-	W	20.5	-	-	-	4.0	W	202.4
North Dakota										
August 2017	-	-	W	W	-	W	-	16.1	W	381.7
July 2017	-	-	W	W	-	-	-	W	W	322.5
August 2016	-	-	W	W	-	-	-	8.6	W	238.7
Ohio										
August 2017	-	W	570.3	641.5	W	W	-	W	W	552.4
July 2017	-	-	470.7	696.8	W	W	-	W	W	522.9
August 2016	W	-	513.5	W	W	W	-	W	-	569.3
Oklahoma										
August 2017	W	-	W	482.1	-	W	-	W	W	215.8
July 2017	W	-	W	513.1	-	W	-	W	W	148.6
August 2016	W	-	W	699.3	-	W	-	-	W	191.4
South Dakota										
August 2017	-	-	W	-	-	-	W	1.9	W	W
July 2017	-	-	W	-	-	-	W	3.1	W	W
August 2016	-	-	W	6.3	-	-	W	2.3	W	95.9
Tennessee										
August 2017	-	13.3	W	208.8	W	W	-	-	-	164.7
July 2017	-	12.1	W	216.7	W	W	-	-	-	W
August 2016	W	W	W	175.6	W	W	-	-	-	146.6
Wisconsin										
August 2017	-	-	W	W	W	W	-	5.4	W	435.5
July 2017	-	-	W	W	W	W	-	3.5	W	359.0
August 2016	-	-	W	NA	W	W	W	W	W	368.5
PAD District 3										
August 2017	W	128.8	6,959.1	17,640.8	-	506.2	-	-	5,545.7	9,676.9
July 2017	W	98.7	7,162.4	16,974.3	-	W	-	-	4,791.9	7,950.5
August 2016	W	137.6	6,521.8	10,985.9	-	1,169.0	-	W	6,690.9	15,798.4
Alabama										
August 2017	-	W	71.2	76.8	-	W	-	-	-	153.6
July 2017	-	W	52.4	68.9	-	W	-	-	-	96.4
August 2016	-	W	219.9	NA	-	W	-	-	-	157.0
Arkansas										
August 2017	W	W	W	W	-	-	-	-	W	W
July 2017	W	-	W	W	-	-	-	-	-	W
August 2016	W	W	W	W	-	-	-	-	-	W
Louisiana										
August 2017	-	6.5	1,047.5	5,830.9	-	W	-	-	757.2	140.1
July 2017	-	5.4	1,445.1	5,052.1	-	W	-	-	W	89.5
August 2016	-	8.5	774.3	3,430.7	-	W	-	W	W	286.8
Mississippi										
August 2017	W	W	674.1	2,833.6	-	-	-	-	-	253.0
July 2017	-	W	516.9	2,412.5	-	-	-	-	-	172.1
August 2016	-	W	722.3	1,367.4	-	-	-	-	-	296.4
New Mexico										
August 2017	W	-	W	W	-	-	-	-	W	W
July 2017	W	-	W	W	-	-	-	-	W	W
August 2016	W	-	W	W	-	-	-	-	W	W
Texas										
August 2017	W	W	5,087.4	8,771.2	-	1.6	-	-	4,788.1	9,036.3
July 2017	W	W	5,076.3	9,310.9	-	1.9	-	-	3,903.1	7,517.0
August 2016	W	W	4,714.9	5,949.5	-	W	-	-	4,509.5	14,951.5

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										
August 2017	W	W	1,058.7	1,129.3	-	-	W	19.1	W	923.5
July 2017	W	W	975.7	1,187.7	-	-	W	W	W	759.5
August 2016	W	W	1,020.0	1,070.9	-	-	W	19.3	W	870.3
Colorado										
August 2017	W	-	318.9	654.1	-	-	-	9.2	W	318.6
July 2017	W	-	265.5	656.9	-	-	-	4.9	W	233.0
August 2016	W	-	327.2	602.8	-	-	-	6.3	W	304.8
Idaho										
August 2017	-	-	W	42.5	-	-	W	-	W	W
July 2017	-	-	W	51.0	-	-	W	W	W	W
August 2016	-	-	W	51.3	-	-	NA	W	W	38.2
Montana										
August 2017	W	W	W	W	-	-	W	7.2	W	200.6
July 2017	W	W	W	W	-	-	W	5.1	W	164.3
August 2016	W	W	W	W	-	-	W	6.9	W	124.0
Utah										
August 2017	W	W	505.2	308.2	-	-	-	W	-	W
July 2017	W	W	484.4	347.3	-	-	-	1.6	-	W
August 2016	W	W	486.8	313.7	-	-	-	W	-	102.8
Wyoming										
August 2017	-	-	W	W	-	-	-	W	W	289.0
July 2017	-	-	W	W	-	-	-	1.2	-	254.6
August 2016	-	-	W	W	-	-	-	W	W	300.4
PAD District 5										
August 2017	W	W	13,484.3	8,761.7	-	W	W	70.1	W	1,903.4
July 2017	W	W	14,058.5	8,035.0	-	W	W	41.6	W	1,736.9
August 2016	W	190.9	13,425.5	8,152.7	-	W	W	117.9	W	1,788.2
Alaska										
August 2017	W	W	W	W	-	-	W	W	W	W
July 2017	W	W	W	W	-	-	W	W	W	W
August 2016	W	W	W	W	-	-	W	W	W	W
Arizona										
August 2017	W	W	160.0	189.5	-	-	-	-	-	168.1
July 2017	W	W	117.2	223.7	-	-	-	-	-	130.0
August 2016	W	W	153.0	210.8	-	-	-	-	W	251.5
California										
August 2017	-	39.7	7,995.6	7,188.8	-	W	-	-	W	1,121.7
July 2017	-	40.2	7,988.1	6,483.9	-	W	-	-	W	992.6
August 2016	-	W	7,486.4	6,418.9	-	W	-	-	W	917.0
Hawaii										
August 2017	-	W	W	W	-	-	-	-	-	W
July 2017	-	W	W	W	-	-	-	-	-	W
August 2016	-	W	W	W	-	-	-	-	-	W
Nevada										
August 2017	-	-	W	W	-	-	-	-	-	62.2
July 2017	-	-	W	W	-	-	-	-	-	29.6
August 2016	-	-	W	W	-	-	-	-	-	W
Oregon										
August 2017	-	21.3	W	100.7	-	-	-	-	W	W
July 2017	-	25.6	W	90.7	-	-	-	-	W	W
August 2016	-	24.3	543.5	56.1	-	-	-	-	W	W
Washington										
August 2017	-	W	2,085.1	357.8	-	-	-	W	W	453.5
July 2017	-	W	2,495.4	251.7	-	-	W	W	W	493.5
August 2016	-	NA	2,426.2	294.7	-	-	-	W	W	465.8

- = 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						
August 2017	12,357.1	148,026.7	W	W	W	W
July 2017	11,739.3	142,165.4	W	W	W	W
August 2016	13,293.5	139,905.4	W	W	W	W
PAD District 1						
August 2017	W	29,028.1	-	W	-	W
July 2017	W	26,152.9	-	W	-	W
August 2016	2,303.2	25,351.6	-	W	-	W
Subdistrict 1A						
August 2017	W	W	-	-	-	-
July 2017	W	W	-	-	-	-
August 2016	32.4	W	-	-	-	-
Connecticut						
August 2017	W	312.1	-	-	-	-
July 2017	W	200.2	-	-	-	-
August 2016	W	W	-	-	-	-
Maine						
August 2017	-	W	-	-	-	-
July 2017	-	W	-	-	-	-
August 2016	-	W	-	-	-	-
Massachusetts						
August 2017	W	W	-	-	-	-
July 2017	W	W	-	-	-	-
August 2016	W	211.7	-	-	-	-
New Hampshire						
August 2017	W	W	-	-	-	-
July 2017	W	W	-	-	-	-
August 2016	W	W	-	-	-	-
Rhode Island						
August 2017	W	283.9	-	-	-	-
July 2017	W	W	-	-	-	-
August 2016	W	W	-	-	-	-
Vermont						
August 2017	W	W	-	-	-	-
July 2017	W	W	-	-	-	-
August 2016	W	W	-	-	-	-
Subdistrict 1B						
August 2017	W	W	-	W	-	W
July 2017	W	W	-	W	-	W
August 2016	672.8	W	-	W	-	W
Delaware						
August 2017	W	W	-	-	-	-
July 2017	W	W	-	-	-	-
August 2016	3.7	W	-	-	-	-
District of Columbia						
August 2017	-	W	-	-	-	-
July 2017	-	W	-	-	-	-
August 2016	-	W	-	-	-	-
Maryland						
August 2017	-	W	-	W	-	-
July 2017	-	1,040.4	-	W	-	-
August 2016	W	W	-	-	-	-
New Jersey						
August 2017	152.2	W	-	W	-	-
July 2017	156.7	4,765.3	-	-	-	-
August 2016	176.4	W	-	W	-	-
New York						
August 2017	184.1	W	-	-	-	W
July 2017	W	W	-	-	-	W
August 2016	W	W	-	-	-	W
Pennsylvania						
August 2017	W	W	-	-	-	-
July 2017	W	4,930.5	-	-	-	-
August 2016	291.7	4,813.2	-	-	-	-

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
Subdistrict 1C						
August 2017	W	W	-	-	-	-
July 2017	769.2	W	-	-	-	-
August 2016	1,598.0	W	-	-	-	-
Florida						
August 2017	258.4	4,648.0	-	-	-	-
July 2017	238.8	4,174.4	-	-	-	-
August 2016	571.3	3,951.8	-	-	-	-
Georgia						
August 2017	84.6	2,306.0	-	-	-	-
July 2017	81.4	2,250.4	-	-	-	-
August 2016	153.5	2,485.7	-	-	-	-
North Carolina						
August 2017	292.9	W	-	-	-	-
July 2017	W	W	-	-	-	-
August 2016	453.3	W	-	-	-	-
South Carolina						
August 2017	W	1,257.7	-	-	-	-
July 2017	W	1,175.8	-	-	-	-
August 2016	W	W	-	-	-	-
Virginia						
August 2017	14.7	2,736.1	-	-	-	-
July 2017	13.8	2,486.6	-	-	-	-
August 2016	50.1	2,384.9	-	-	-	-
West Virginia						
August 2017	W	725.2	-	-	-	-
July 2017	W	656.5	-	-	-	-
August 2016	W	629.0	-	-	-	-
PAD District 2						
August 2017	W	W	-	-	-	-
July 2017	W	W	-	-	-	-
August 2016	W	W	-	-	-	-
Illinois						
August 2017	W	6,441.3	-	-	-	-
July 2017	W	5,973.9	-	-	-	-
August 2016	W	5,156.9	-	-	-	-
Indiana						
August 2017	W	3,906.3	-	-	-	-
July 2017	W	3,082.5	-	-	-	-
August 2016	W	3,559.6	-	-	-	-
Iowa						
August 2017	16.5	2,047.6	-	-	-	-
July 2017	15.7	1,780.6	-	-	-	-
August 2016	14.8	1,746.2	-	-	-	-
Kansas						
August 2017	589.8	3,410.6	-	-	-	-
July 2017	W	3,275.6	-	-	-	-
August 2016	W	3,172.3	-	-	-	-
Kentucky						
August 2017	W	1,976.2	-	-	-	-
July 2017	W	1,650.5	-	-	-	-
August 2016	W	W	-	-	-	-
Michigan						
August 2017	W	W	-	-	-	-
July 2017	W	W	-	-	-	-
August 2016	W	W	-	-	-	-
Minnesota						
August 2017	W	2,789.1	-	-	-	-
July 2017	W	2,422.9	-	-	-	-
August 2016	W	2,553.6	-	-	-	-
Missouri						
August 2017	W	1,598.1	-	-	-	-
July 2017	W	1,474.0	-	-	-	-
August 2016	W	1,487.6	-	-	-	-

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						
August 2017	W	1,543.0	-	-	-	-
July 2017	W	1,659.8	-	-	-	-
August 2016	W	1,489.9	-	-	-	-
North Dakota						
August 2017	W	1,811.6	-	-	-	-
July 2017	W	1,426.9	-	-	-	-
August 2016	W	1,753.2	-	-	-	-
Ohio						
August 2017	785.9	5,255.1	-	-	-	-
July 2017	636.7	4,783.1	-	-	-	-
August 2016	833.5	4,620.5	-	-	-	-
Oklahoma						
August 2017	343.4	6,799.0	-	-	-	-
July 2017	310.5	5,553.1	-	-	-	-
August 2016	W	4,746.9	-	-	-	-
South Dakota						
August 2017	W	663.5	-	-	-	-
July 2017	W	603.9	-	-	-	-
August 2016	W	569.9	-	-	-	-
Tennessee						
August 2017	301.2	3,364.1	-	-	-	-
July 2017	292.9	2,912.8	-	-	-	-
August 2016	423.3	3,090.6	-	-	-	-
Wisconsin						
August 2017	W	W	-	-	-	-
July 2017	W	2,156.8	-	-	-	-
August 2016	W	2,084.6	-	-	-	-
PAD District 3						
August 2017	W	44,509.5	W	W	-	W
July 2017	W	47,586.8	W	W	-	W
August 2016	W	45,349.8	W	W	-	W
Alabama						
August 2017	161.6	1,560.3	-	-	-	-
July 2017	136.7	1,298.9	-	-	-	-
August 2016	184.5	1,709.2	-	-	-	-
Arkansas						
August 2017	W	1,570.1	-	-	-	-
July 2017	W	1,627.2	-	-	-	-
August 2016	W	1,282.9	-	-	-	-
Louisiana						
August 2017	176.8	W	-	W	-	W
July 2017	160.4	W	-	W	-	W
August 2016	363.1	W	-	W	-	W
Mississippi						
August 2017	43.1	W	-	-	-	-
July 2017	50.4	W	-	-	-	-
August 2016	85.5	W	-	-	-	-
New Mexico						
August 2017	332.0	1,139.6	-	-	-	-
July 2017	300.1	1,355.5	-	-	-	-
August 2016	289.5	1,293.6	-	-	-	-
Texas						
August 2017	1,915.4	25,954.1	W	W	-	W
July 2017	1,745.6	28,895.8	W	W	-	W
August 2016	1,827.2	29,932.4	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						
August 2017	W	7,308.4	-	-	-	-
July 2017	W	7,177.9	-	-	-	-
August 2016	W	7,351.9	-	-	-	-
Colorado						
August 2017	272.0	2,302.5	-	-	-	-
July 2017	258.3	2,288.7	-	-	-	-
August 2016	266.0	2,358.8	-	-	-	-
Idaho						
August 2017	W	750.8	-	-	-	-
July 2017	W	874.0	-	-	-	-
August 2016	109.2	836.4	-	-	-	-
Montana						
August 2017	W	1,278.7	-	-	-	-
July 2017	W	1,234.3	-	-	-	-
August 2016	W	1,258.3	-	-	-	-
Utah						
August 2017	W	1,749.6	-	-	-	-
July 2017	312.6	1,816.9	-	-	-	-
August 2016	W	1,776.5	-	-	-	-
Wyoming						
August 2017	377.0	1,226.7	-	-	-	-
July 2017	344.0	964.0	-	-	-	-
August 2016	340.2	1,122.0	-	-	-	-
PAD District 5						
August 2017	W	W	W	-	W	W
July 2017	W	W	W	-	W	W
August 2016	W	W	W	-	W	W
Alaska						
August 2017	W	W	-	-	-	-
July 2017	W	W	-	-	-	-
August 2016	W	W	-	-	-	-
Arizona						
August 2017	411.6	1,193.1	-	-	-	-
July 2017	387.1	1,159.0	-	-	-	-
August 2016	381.5	1,263.5	-	-	-	-
California						
August 2017	1,366.7	W	-	-	-	W
July 2017	1,496.1	11,641.0	-	-	-	-
August 2016	1,180.5	W	-	-	-	W
Hawaii						
August 2017	W	W	W	-	W	W
July 2017	W	W	W	-	W	W
August 2016	90.2	W	W	-	W	W
Nevada						
August 2017	W	548.3	-	-	-	-
July 2017	W	459.4	-	-	-	-
August 2016	W	452.5	-	-	-	-
Oregon						
August 2017	8.2	2,350.4	-	-	-	-
July 2017	6.9	2,230.0	-	-	-	-
August 2016	10.1	1,924.4	-	-	-	-
Washington						
August 2017	W	3,536.7	-	-	-	-
July 2017	402.7	4,081.0	-	-	-	-
August 2016	250.3	3,577.0	-	-	-	-

- = 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				
August 2017	51.2	5,447.9	12,781.8	156,521.7
July 2017	64.5	4,164.3	12,085.2	150,264.5
August 2016	110.9	3,750.8	13,662.9	146,059.4
PAD District 1				
August 2017	W	3,171.2	1,479.8	32,319.5
July 2017	W	2,136.7	1,387.7	28,318.8
August 2016	59.3	2,057.0	2,362.5	27,552.3
Subdistrict 1A				
August 2017	-	W	W	1,246.2
July 2017	-	W	W	1,035.0
August 2016	-	W	32.4	1,159.7
Connecticut				
August 2017	-	-	W	312.1
July 2017	-	NA	W	228.1
August 2016	-	W	W	327.2
Maine				
August 2017	-	W	-	142.8
July 2017	-	W	-	124.2
August 2016	-	W	-	170.1
Massachusetts				
August 2017	-	W	W	355.9
July 2017	-	W	W	304.2
August 2016	-	-	W	211.7
New Hampshire				
August 2017	-	W	W	W
July 2017	-	W	W	W
August 2016	-	W	W	W
Rhode Island				
August 2017	-	-	W	283.9
July 2017	-	W	W	248.9
August 2016	-	W	W	W
Vermont				
August 2017	-	W	W	W
July 2017	-	W	W	W
August 2016	-	W	W	W
Subdistrict 1B				
August 2017	W	2,950.6	W	16,702.9
July 2017	W	1,999.4	W	14,043.3
August 2016	59.3	1,802.1	732.1	13,089.1
Delaware				
August 2017	-	W	W	W
July 2017	-	W	W	W
August 2016	-	W	W	W
District of Columbia				
August 2017	-	-	-	W
July 2017	-	-	-	W
August 2016	-	-	-	W
Maryland				
August 2017	-	NA	-	1,236.2
July 2017	-	W	-	1,109.9
August 2016	W	W	W	1,173.0
New Jersey				
August 2017	-	1,214.2	152.2	6,202.5
July 2017	-	1,156.5	156.7	5,921.8
August 2016	-	986.4	176.4	5,161.2
New York				
August 2017	-	188.3	184.1	1,215.9
July 2017	W	122.2	173.7	1,114.4
August 2016	W	176.6	229.6	1,143.2
Pennsylvania				
August 2017	W	W	301.8	7,770.0
July 2017	W	560.3	255.8	5,490.7
August 2016	NA	427.6	295.0	5,240.9

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C				
August 2017	W	W	812.2	14,370.4
July 2017	-	W	769.2	13,240.5
August 2016	-	W	1,598.0	13,303.5
Florida				
August 2017	-	-	258.4	4,648.0
July 2017	-	-	238.8	4,174.4
August 2016	-	-	571.3	3,951.8
Georgia				
August 2017	-	-	84.6	2,306.0
July 2017	-	-	81.4	2,250.4
August 2016	-	-	153.5	2,485.7
North Carolina				
August 2017	-	W	292.9	2,697.5
July 2017	-	W	W	2,496.9
August 2016	-	W	453.3	2,517.8
South Carolina				
August 2017	-	-	W	1,257.7
July 2017	-	-	W	1,175.8
August 2016	-	W	W	1,334.3
Virginia				
August 2017	-	-	14.7	2,736.1
July 2017	-	-	13.8	2,486.6
August 2016	-	-	50.1	2,384.9
West Virginia				
August 2017	W	-	W	725.2
July 2017	-	-	W	656.5
August 2016	-	-	W	629.0
PAD District 2				
August 2017	W	W	4,322.3	46,841.6
July 2017	W	W	3,976.3	41,242.6
August 2016	W	W	4,707.5	40,483.8
Illinois				
August 2017	-	-	W	6,441.3
July 2017	-	-	W	5,973.9
August 2016	-	-	W	5,156.9
Indiana				
August 2017	-	-	W	3,906.3
July 2017	-	-	W	3,082.5
August 2016	-	-	W	3,559.6
Iowa				
August 2017	-	-	16.5	2,047.6
July 2017	-	-	15.7	1,780.6
August 2016	-	-	14.8	1,746.2
Kansas				
August 2017	-	-	589.8	3,410.6
July 2017	-	-	W	3,275.6
August 2016	-	-	W	3,172.3
Kentucky				
August 2017	-	-	W	1,976.2
July 2017	-	-	W	1,650.5
August 2016	-	W	W	2,019.0
Michigan				
August 2017	-	W	W	2,770.5
July 2017	-	W	W	2,486.3
August 2016	-	W	W	2,433.0
Minnesota				
August 2017	W	-	269.8	2,789.1
July 2017	W	-	248.8	2,422.9
August 2016	W	-	250.5	2,553.6
Missouri				
August 2017	-	-	W	1,598.1
July 2017	-	-	W	1,474.0
August 2016	-	-	W	1,487.6

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				
August 2017	-	-	W	1,543.0
July 2017	-	-	W	1,659.8
August 2016	-	-	W	1,489.9
North Dakota				
August 2017	W	-	W	1,811.6
July 2017	W	-	W	1,426.9
August 2016	W	-	W	1,753.2
Ohio				
August 2017	-	-	785.9	5,255.1
July 2017	-	-	636.7	4,783.1
August 2016	-	-	833.5	4,620.5
Oklahoma				
August 2017	-	-	343.4	6,799.0
July 2017	-	-	310.5	5,553.1
August 2016	-	-	W	4,746.9
South Dakota				
August 2017	W	-	W	663.5
July 2017	W	-	W	603.9
August 2016	W	-	W	569.9
Tennessee				
August 2017	-	-	301.2	3,364.1
July 2017	-	-	292.9	2,912.8
August 2016	-	-	423.3	3,090.6
Wisconsin				
August 2017	W	W	48.3	2,465.5
July 2017	W	-	45.9	2,156.8
August 2016	W	-	59.1	2,084.6
PAD District 3				
August 2017	-	2,137.6	2,724.0	49,046.3
July 2017	-	1,910.6	2,491.3	53,348.6
August 2016	-	1,598.9	2,842.1	48,889.6
Alabama				
August 2017	-	-	161.6	1,560.3
July 2017	-	-	136.7	1,298.9
August 2016	-	-	184.5	1,709.2
Arkansas				
August 2017	-	-	W	1,570.1
July 2017	-	-	W	1,627.2
August 2016	-	-	W	1,282.9
Louisiana				
August 2017	-	W	176.8	15,426.6
July 2017	-	W	160.4	16,291.4
August 2016	-	W	363.1	11,017.9
Mississippi				
August 2017	-	W	W	2,258.5
July 2017	-	W	W	1,936.4
August 2016	-	W	W	2,606.6
New Mexico				
August 2017	-	-	332.0	1,139.6
July 2017	-	-	300.1	1,355.5
August 2016	-	-	289.5	1,293.6
Texas				
August 2017	-	1,091.5	1,920.0	27,091.1
July 2017	-	1,094.5	1,752.6	30,839.1
August 2016	-	960.3	1,842.8	30,979.5

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				
August 2017	W	-	1,247.5	7,308.4
July 2017	W	-	1,182.5	7,177.9
August 2016	W	-	1,218.5	7,351.9
Colorado				
August 2017	-	-	272.0	2,302.5
July 2017	-	-	258.3	2,288.7
August 2016	-	-	266.0	2,358.8
Idaho				
August 2017	W	-	W	750.8
July 2017	W	-	W	874.0
August 2016	-	-	W	836.4
Montana				
August 2017	-	-	W	1,278.7
July 2017	-	-	W	1,234.3
August 2016	W	-	W	1,258.3
Utah				
August 2017	W	-	327.0	1,749.6
July 2017	NA	-	313.5	1,816.9
August 2016	W	-	327.2	1,776.5
Wyoming				
August 2017	-	-	377.0	1,226.7
July 2017	-	-	344.0	964.0
August 2016	-	-	340.2	1,122.0
PAD District 5				
August 2017	W	W	3,008.1	21,006.0
July 2017	W	W	3,047.5	20,176.5
August 2016	W	W	2,532.4	21,781.8
Alaska				
August 2017	W	W	W	W
July 2017	W	W	W	W
August 2016	W	W	W	W
Arizona				
August 2017	-	-	411.6	1,193.1
July 2017	-	-	387.1	1,159.0
August 2016	-	-	381.5	1,263.5
California				
August 2017	-	-	1,366.7	12,453.1
July 2017	-	-	1,496.1	11,641.0
August 2016	-	-	1,180.5	13,846.3
Hawaii				
August 2017	-	-	W	W
July 2017	-	-	W	W
August 2016	-	-	333.2	W
Nevada				
August 2017	W	-	W	548.3
July 2017	W	-	W	459.4
August 2016	W	-	146.8	452.5
Oregon				
August 2017	-	-	8.2	2,350.4
July 2017	-	-	6.9	2,230.0
August 2016	-	-	W	1,924.4
Washington				
August 2017	W	-	407.9	3,536.7
July 2017	-	-	402.7	4,081.0
August 2016	-	-	250.3	3,577.0

- = 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								
August 2017	W	387.0	W	7,578.4	3,651.9	7,965.4	W	W
July 2017	W	599.1	W	5,689.1	3,414.2	6,288.2	-	W
August 2016	W	921.9	W	7,220.0	4,415.2	8,141.9	W	W
PAD District 1								
August 2017	W	W	W	W	W	2,121.3	-	-
July 2017	W	W	W	W	W	2,103.4	-	-
August 2016	W	429.8	W	1,794.3	W	2,224.1	-	-
Subdistrict 1A								
August 2017	-	-	-	-	-	-	-	-
July 2017	-	-	-	-	-	-	-	-
August 2016	-	-	-	-	-	-	-	-
Subdistrict 1B								
August 2017	W	W	W	W	W	2,121.3	-	-
July 2017	W	W	W	W	W	2,103.4	-	-
August 2016	W	429.8	W	W	W	W	-	-
Subdistrict 1C								
August 2017	-	-	W	-	W	-	-	-
July 2017	-	-	W	-	W	-	-	-
August 2016	-	-	W	W	W	W	-	-
PAD District 2								
August 2017	-	-	-	W	-	W	-	W
July 2017	-	-	-	W	-	W	-	W
August 2016	-	-	-	178.3	-	178.3	-	W
PAD District 3								
August 2017	-	W	W	W	W	4,193.2	-	W
July 2017	-	W	W	W	W	2,704.5	-	W
August 2016	-	W	W	W	W	5,109.1	-	W
PAD District 4								
August 2017	-	-	-	W	-	W	W	-
July 2017	-	-	-	W	-	W	-	-
August 2016	-	W	-	W	-	W	W	-
PAD District 5								
August 2017	W	W	W	W	2,817.1	1,558.7	W	-
July 2017	W	W	W	W	2,473.3	1,385.1	-	-
August 2016	W	W	W	W	3,380.9	W	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 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						
August 2017	231,973.0	106,651.3	338,624.5	4,524.7	2,726.0	7,250.7
July 2017	225,795.0	105,248.1	331,043.1	4,541.9	2,707.8	7,249.7
August 2016	222,510.2	108,805.0	331,315.1	4,582.1	2,879.9	7,462.0
PAD District 1						
August 2017	69,625.7	41,943.1	111,568.8	1,561.5	1,113.2	2,674.7
July 2017	67,024.7	41,675.6	108,700.5	1,564.5	1,112.1	2,676.5
August 2016	66,921.2	43,641.0	110,562.2	1,594.9	1,136.2	2,731.1
Subdistrict 1A						
August 2017	2,069.4	13,073.7	15,143.1	20.6	372.5	393.1
July 2017	2,028.9	13,671.5	15,700.4	19.1	378.6	397.8
August 2016	2,043.7	13,966.9	16,010.5	21.7	372.8	394.5
Connecticut						
August 2017	-	3,627.1	3,627.1	-	102.5	102.5
July 2017	-	3,584.6	3,584.6	-	101.1	101.1
August 2016	-	3,599.1	3,599.1	-	97.2	97.2
Maine						
August 2017	847.6	1,208.9	2,056.5	5.2	23.7	28.9
July 2017	817.9	1,226.3	2,044.3	5.1	24.9	30.0
August 2016	857.3	1,191.8	2,049.2	6.2	22.7	29.0
Massachusetts						
August 2017	-	5,586.3	5,586.3	-	161.1	161.1
July 2017	-	6,180.1	6,180.1	-	166.6	166.6
August 2016	-	6,506.4	6,506.4	-	174.0	174.0
New Hampshire						
August 2017	393.6	1,024.5	1,418.2	3.6	29.4	33.1
July 2017	405.9	1,139.8	1,545.7	3.4	31.4	34.8
August 2016	362.8	1,092.7	1,455.5	3.6	29.0	32.6
Rhode Island						
August 2017	-	1,626.8	1,626.8	-	55.8	55.8
July 2017	-	1,540.7	1,540.7	-	54.7	54.7
August 2016	-	1,576.8	1,576.8	-	49.8	49.8
Vermont						
August 2017	828.2	-	828.2	11.7	-	11.7
July 2017	805.1	-	805.1	10.6	-	10.6
August 2016	823.5	-	823.5	11.9	-	11.9
Subdistrict 1B						
August 2017	12,834.2	24,448.6	37,282.8	197.3	615.9	813.2
July 2017	12,247.8	23,671.1	35,919.0	199.3	608.6	807.9
August 2016	12,139.1	25,144.0	37,283.1	195.5	643.0	838.5
Delaware						
August 2017	-	1,191.8	1,191.8	-	15.9	15.9
July 2017	-	1,137.6	1,137.6	-	17.9	17.9
August 2016	-	1,163.6	1,163.6	-	25.6	25.6
District of Columbia						
August 2017	-	137.3	137.3	-	5.9	5.9
July 2017	-	135.6	135.6	-	6.5	6.5
August 2016	-	147.3	147.3	-	7.5	7.5
Maryland						
August 2017	702.9	4,358.1	5,061.0	6.7	97.2	103.9
July 2017	684.4	4,136.9	4,821.3	9.0	93.0	101.9
August 2016	698.6	4,433.0	5,131.6	6.2	95.1	101.3
New Jersey						
August 2017	-	9,076.2	9,076.2	-	155.8	155.8
July 2017	-	8,709.6	8,709.6	-	150.3	150.3
August 2016	-	9,796.9	9,796.9	-	177.5	177.5
New York						
August 2017	6,188.7	7,093.1	13,281.8	91.3	281.7	373.0
July 2017	6,081.6	7,013.9	13,095.5	89.8	282.5	372.3
August 2016	6,522.2	7,104.3	13,626.5	88.8	281.5	370.3
Pennsylvania						
August 2017	5,942.6	2,592.3	8,534.9	99.2	59.5	158.7
July 2017	5,481.9	2,537.5	8,019.4	100.5	58.4	158.9
August 2016	4,918.3	2,498.9	7,417.2	100.5	55.9	156.4

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
United States						
August 2017	25,753.6	20,322.4	46,076.1	262,251.5	129,699.7	391,951.4
July 2017	25,393.8	20,234.4	45,628.1	255,730.7	128,190.3	383,921.0
August 2016	25,112.1	20,829.3	45,941.5	252,204.5	132,514.2	384,718.6
PAD District 1						
August 2017	8,102.6	7,077.9	15,180.5	79,289.8	50,134.1	129,424.1
July 2017	7,903.5	7,172.1	15,075.5	76,492.7	49,959.6	126,452.5
August 2016	7,765.3	7,431.6	15,196.9	76,281.5	52,208.6	128,490.2
Subdistrict 1A						
August 2017	222.5	1,816.6	2,039.2	2,312.5	15,262.9	17,575.5
July 2017	213.7	1,958.0	2,171.7	2,261.7	16,008.2	18,269.9
August 2016	204.9	2,014.8	2,219.7	2,270.3	16,354.5	18,624.8
Connecticut						
August 2017	-	593.0	593.0	-	4,322.6	4,322.6
July 2017	-	583.7	583.7	-	4,269.4	4,269.4
August 2016	-	594.1	594.1	-	4,290.5	4,290.5
Maine						
August 2017	96.1	87.2	183.3	948.9	1,319.8	2,268.6
July 2017	94.8	91.8	186.6	917.8	1,343.1	2,260.9
August 2016	87.5	86.7	174.2	951.0	1,301.3	2,252.3
Massachusetts						
August 2017	-	782.5	782.5	-	6,529.9	6,529.9
July 2017	-	914.3	914.3	-	7,261.0	7,261.0
August 2016	-	978.8	978.8	-	7,659.2	7,659.2
New Hampshire						
August 2017	37.4	117.2	154.5	434.6	1,171.1	1,605.8
July 2017	36.2	137.3	173.5	445.5	1,308.5	1,754.0
August 2016	31.0	121.9	152.9	397.4	1,243.6	1,641.1
Rhode Island						
August 2017	-	236.8	236.8	-	1,919.5	1,919.5
July 2017	-	230.9	230.9	-	1,826.3	1,826.3
August 2016	-	233.3	233.3	-	1,859.9	1,859.9
Vermont						
August 2017	89.1	-	89.1	929.0	-	929.0
July 2017	82.7	-	82.7	898.4	-	898.4
August 2016	86.5	-	86.5	921.9	-	921.9
Subdistrict 1B						
August 2017	1,294.8	4,430.4	5,725.2	14,326.3	29,495.1	43,821.3
July 2017	1,279.4	4,383.4	5,662.8	13,726.5	28,663.1	42,389.6
August 2016	1,191.0	4,559.8	5,750.8	13,525.7	30,346.8	43,872.5
Delaware						
August 2017	-	135.0	135.0	-	1,342.7	1,342.7
July 2017	-	135.3	135.3	-	1,290.8	1,290.8
August 2016	-	137.7	137.7	-	1,326.9	1,326.9
District of Columbia						
August 2017	-	30.5	30.5	-	173.7	173.7
July 2017	-	31.3	31.3	-	173.4	173.4
August 2016	-	34.8	34.8	-	189.5	189.5
Maryland						
August 2017	66.6	773.8	840.4	776.2	5,229.0	6,005.2
July 2017	69.7	763.4	833.1	763.0	4,993.3	5,756.4
August 2016	62.5	774.0	836.6	767.3	5,302.2	6,069.5
New Jersey						
August 2017	-	1,416.0	1,416.0	-	10,647.9	10,647.9
July 2017	-	1,390.5	1,390.5	-	10,250.5	10,250.5
August 2016	-	1,545.7	1,545.7	-	11,520.2	11,520.2
New York						
August 2017	655.5	1,684.7	2,340.2	6,935.5	9,059.5	15,995.0
July 2017	662.0	1,707.3	2,369.3	6,833.5	9,003.6	15,837.1
August 2016	663.9	1,679.2	2,343.1	7,274.9	9,064.9	16,339.9
Pennsylvania						
August 2017	572.8	390.4	963.2	6,614.6	3,042.2	9,656.8
July 2017	547.6	355.6	903.3	6,130.0	2,951.5	9,081.5
August 2016	464.6	388.4	853.0	5,483.5	2,943.2	8,426.6

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	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
Subdistrict 1C						
August 2017	54,722.1	4,420.6	59,142.8	1,343.6	124.7	1,468.4
July 2017	52,748.1	4,332.9	57,081.1	1,346.0	124.8	1,470.8
August 2016	52,738.5	4,530.1	57,268.5	1,377.6	120.4	1,498.0
Florida						
August 2017	17,949.4	-	17,949.4	343.1	-	343.1
July 2017	17,149.3	-	17,149.3	353.5	-	353.5
August 2016	17,603.0	-	17,603.0	346.9	-	346.9
Georgia						
August 2017	12,433.6	-	12,433.6	370.1	-	370.1
July 2017	11,890.1	-	11,890.1	362.9	-	362.9
August 2016	11,462.9	-	11,462.9	365.1	-	365.1
North Carolina						
August 2017	11,388.8	-	11,388.8	309.1	-	309.1
July 2017	11,033.0	-	11,033.0	303.8	-	303.8
August 2016	11,045.7	-	11,045.7	325.3	-	325.3
South Carolina						
August 2017	6,763.0	-	6,763.0	198.5	-	198.5
July 2017	6,628.7	-	6,628.7	201.8	-	201.8
August 2016	6,651.0	-	6,651.0	219.9	-	219.9
Virginia						
August 2017	4,210.1	4,420.6	8,630.7	89.8	124.7	214.5
July 2017	4,159.1	4,332.9	8,492.0	91.4	124.8	216.2
August 2016	4,071.0	4,530.1	8,601.0	85.6	120.4	205.9
West Virginia						
August 2017	1,977.4	-	1,977.4	33.1	-	33.1
July 2017	1,887.9	-	1,887.9	32.6	-	32.6
August 2016	1,904.9	-	1,904.9	34.9	-	34.9
PAD District 2						
August 2017	83,747.8	13,803.5	97,551.3	1,454.7	221.5	1,676.2
July 2017	81,263.3	13,608.7	94,872.1	1,424.3	215.8	1,640.1
August 2016	81,275.2	14,326.2	95,601.5	1,522.2	253.9	1,776.1
Illinois						
August 2017	4,629.8	7,199.7	11,829.5	75.9	110.6	186.6
July 2017	4,534.2	7,143.6	11,677.8	73.2	104.7	177.9
August 2016	4,604.4	7,546.0	12,150.4	86.8	127.2	214.0
Indiana						
August 2017	7,076.3	1,104.2	8,180.5	116.1	25.2	141.3
July 2017	6,926.2	1,095.1	8,021.2	113.3	26.5	139.7
August 2016	7,193.5	1,175.0	8,368.5	121.5	27.0	148.5
Iowa						
August 2017	3,119.4	-	3,119.4	110.2	-	110.2
July 2017	3,055.8	-	3,055.8	102.4	-	102.4
August 2016	2,914.7	-	2,914.7	96.9	-	96.9
Kansas						
August 2017	4,263.4	-	4,263.4	61.8	-	61.8
July 2017	4,149.5	-	4,149.5	59.5	-	59.5
August 2016	4,243.5	-	4,243.5	63.6	-	63.6
Kentucky						
August 2017	4,265.8	1,167.3	5,433.0	65.3	18.6	83.9
July 2017	4,128.0	1,133.9	5,261.9	69.6	18.0	87.6
August 2016	4,202.4	1,176.6	5,379.0	67.4	21.3	88.7
Michigan						
August 2017	12,605.9	-	12,605.9	99.8	-	99.8
July 2017	12,152.6	-	12,152.6	98.5	-	98.5
August 2016	11,916.0	-	11,916.0	98.1	-	98.1
Minnesota						
August 2017	6,101.6	-	6,101.6	179.4	-	179.4
July 2017	5,848.4	-	5,848.4	170.3	-	170.3
August 2016	6,135.6	-	6,135.6	202.9	-	202.9
Missouri						
August 2017	5,261.1	2,313.2	7,574.3	98.1	42.7	140.8
July 2017	5,273.5	2,280.7	7,554.3	91.3	41.7	133.0
August 2016	4,894.7	2,466.4	7,361.1	89.1	47.2	136.4

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
Subdistrict 1C						
August 2017	6,585.2	830.9	7,416.1	62,651.0	5,376.3	68,027.2
July 2017	6,410.4	830.6	7,241.0	60,504.5	5,288.4	65,792.8
August 2016	6,369.4	857.0	7,226.4	60,485.5	5,507.4	65,992.8
Florida						
August 2017	2,452.3	-	2,452.3	20,744.8	-	20,744.8
July 2017	2,422.5	-	2,422.5	19,925.3	-	19,925.3
August 2016	2,415.0	-	2,415.0	20,364.9	-	20,364.9
Georgia						
August 2017	1,603.3	-	1,603.3	14,407.0	-	14,407.0
July 2017	1,539.1	-	1,539.1	13,792.2	-	13,792.2
August 2016	1,480.1	-	1,480.1	13,308.1	-	13,308.1
North Carolina						
August 2017	1,359.7	-	1,359.7	13,057.6	-	13,057.6
July 2017	1,293.3	-	1,293.3	12,630.1	-	12,630.1
August 2016	1,283.5	-	1,283.5	12,654.5	-	12,654.5
South Carolina						
August 2017	689.7	-	689.7	7,651.2	-	7,651.2
July 2017	675.2	-	675.2	7,505.7	-	7,505.7
August 2016	707.7	-	707.7	7,578.6	-	7,578.6
Virginia						
August 2017	366.4	830.9	1,197.3	4,666.2	5,376.3	10,042.5
July 2017	365.8	830.6	1,196.5	4,616.3	5,288.4	9,904.7
August 2016	369.6	857.0	1,226.5	4,526.1	5,507.4	10,033.5
West Virginia						
August 2017	113.8	-	113.8	2,124.3	-	2,124.3
July 2017	114.5	-	114.5	2,035.0	-	2,035.0
August 2016	113.5	-	113.5	2,053.3	-	2,053.3
PAD District 2						
August 2017	7,291.8	1,635.0	8,926.8	92,494.3	15,660.0	108,154.3
July 2017	7,254.3	1,614.8	8,869.1	89,941.8	15,439.3	105,381.2
August 2016	7,069.2	1,687.5	8,756.7	89,866.7	16,267.6	106,134.2
Illinois						
August 2017	250.5	1,005.3	1,255.8	4,956.2	8,315.7	13,271.9
July 2017	247.6	995.9	1,243.5	4,854.9	8,244.3	13,099.2
August 2016	262.0	1,062.0	1,323.9	4,953.2	8,735.2	13,688.4
Indiana						
August 2017	504.3	123.5	627.8	7,696.7	1,252.9	8,949.6
July 2017	481.3	124.3	605.6	7,520.7	1,245.9	8,766.5
August 2016	477.8	115.4	593.2	7,792.9	1,317.4	9,110.3
Iowa						
August 2017	373.5	-	373.5	3,603.1	-	3,603.1
July 2017	374.3	-	374.3	3,532.5	-	3,532.5
August 2016	368.9	-	368.9	3,380.5	-	3,380.5
Kansas						
August 2017	357.8	-	357.8	4,683.0	-	4,683.0
July 2017	350.4	-	350.4	4,559.4	-	4,559.4
August 2016	334.5	-	334.5	4,641.7	-	4,641.7
Kentucky						
August 2017	274.0	102.0	376.1	4,605.1	1,287.9	5,893.0
July 2017	272.2	100.2	372.4	4,469.7	1,252.1	5,721.9
August 2016	270.8	107.7	378.5	4,540.6	1,305.5	5,846.2
Michigan						
August 2017	915.5	-	915.5	13,621.3	-	13,621.3
July 2017	899.7	-	899.7	13,150.7	-	13,150.7
August 2016	866.8	-	866.8	12,880.9	-	12,880.9
Minnesota						
August 2017	637.0	-	637.0	6,917.9	-	6,917.9
July 2017	682.7	-	682.7	6,701.4	-	6,701.4
August 2016	643.1	-	643.1	6,981.6	-	6,981.6
Missouri						
August 2017	435.4	212.6	648.0	5,794.6	2,568.5	8,363.1
July 2017	428.0	203.5	631.5	5,792.8	2,525.9	8,318.8
August 2016	405.0	224.3	629.3	5,388.8	2,737.9	8,126.7

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						
August 2017	2,117.9	-	2,117.9	43.6	-	43.6
July 2017	1,996.6	-	1,996.6	43.6	-	43.6
August 2016	2,006.6	-	2,006.6	56.3	-	56.3
North Dakota						
August 2017	1,038.1	-	1,038.1	31.1	-	31.1
July 2017	986.7	-	986.7	32.7	-	32.7
August 2016	1,072.7	-	1,072.7	41.0	-	41.0
Ohio						
August 2017	12,784.9	-	12,784.9	188.5	-	188.5
July 2017	12,155.8	-	12,155.8	183.1	-	183.1
August 2016	12,352.6	-	12,352.6	192.6	-	192.6
Oklahoma						
August 2017	5,117.1	-	5,117.1	70.6	-	70.6
July 2017	5,027.5	-	5,027.5	75.2	-	75.2
August 2016	4,972.7	-	4,972.7	71.4	-	71.4
South Dakota						
August 2017	1,252.7	-	1,252.7	32.7	-	32.7
July 2017	1,219.2	-	1,219.2	33.6	-	33.6
August 2016	1,160.2	-	1,160.2	36.9	-	36.9
Tennessee						
August 2017	9,220.7	-	9,220.7	202.7	-	202.7
July 2017	8,983.5	-	8,983.5	202.2	-	202.2
August 2016	8,552.0	-	8,552.0	209.8	-	209.8
Wisconsin						
August 2017	4,893.1	2,019.1	6,912.2	79.0	24.4	103.3
July 2017	4,825.7	1,955.4	6,781.1	76.0	24.8	100.8
August 2016	5,053.5	1,962.2	7,015.7	87.7	31.2	119.0
PAD District 3						
August 2017	47,257.3	14,743.3	62,000.6	768.1	310.5	1,078.6
July 2017	46,278.5	14,912.7	61,191.3	786.0	318.2	1,104.2
August 2016	43,258.3	14,745.3	58,003.6	675.3	313.5	988.8
Alabama						
August 2017	6,463.8	-	6,463.8	106.1	-	106.1
July 2017	6,218.1	-	6,218.1	110.7	-	110.7
August 2016	6,196.0	-	6,196.0	125.6	-	125.6
Arkansas						
August 2017	3,685.3	-	3,685.3	47.5	-	47.5
July 2017	3,646.5	-	3,646.5	48.5	-	48.5
August 2016	3,601.8	-	3,601.8	54.8	-	54.8
Louisiana						
August 2017	7,227.0	-	7,227.0	62.0	-	62.0
July 2017	6,863.9	-	6,863.9	63.5	-	63.5
August 2016	6,612.8	-	6,612.8	71.9	-	71.9
Mississippi						
August 2017	4,632.3	-	4,632.3	60.8	-	60.8
July 2017	4,521.3	-	4,521.3	61.0	-	61.0
August 2016	4,317.5	-	4,317.5	71.6	-	71.6
New Mexico						
August 2017	2,422.8	-	2,422.8	93.8	-	93.8
July 2017	2,417.3	-	2,417.3	96.7	-	96.7
August 2016	2,386.5	-	2,386.5	90.9	-	90.9
Texas						
August 2017	22,826.0	14,743.3	37,569.3	398.0	310.5	708.5
July 2017	22,611.5	14,912.7	37,524.3	405.6	318.2	723.8
August 2016	20,143.6	14,745.3	34,889.0	260.4	313.5	573.9

See footnotes at end of table.

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

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 2 (cont.)						
Nebraska						
August 2017	254.6	-	254.6	2,416.1	-	2,416.1
July 2017	243.7	-	243.7	2,284.0	-	2,284.0
August 2016	253.9	-	253.9	2,316.9	-	2,316.9
North Dakota						
August 2017	118.8	-	118.8	1,187.9	-	1,187.9
July 2017	127.3	-	127.3	1,146.7	-	1,146.7
August 2016	128.6	-	128.6	1,242.3	-	1,242.3
Ohio						
August 2017	956.5	-	956.5	13,929.9	-	13,929.9
July 2017	917.5	-	917.5	13,256.5	-	13,256.5
August 2016	926.4	-	926.4	13,471.6	-	13,471.6
Oklahoma						
August 2017	544.2	-	544.2	5,731.9	-	5,731.9
July 2017	513.0	-	513.0	5,615.7	-	5,615.7
August 2016	530.3	-	530.3	5,574.4	-	5,574.4
South Dakota						
August 2017	170.4	-	170.4	1,455.8	-	1,455.8
July 2017	158.3	-	158.3	1,411.1	-	1,411.1
August 2016	159.5	-	159.5	1,356.6	-	1,356.6
Tennessee						
August 2017	1,021.9	-	1,021.9	10,445.4	-	10,445.4
July 2017	1,035.0	-	1,035.0	10,220.7	-	10,220.7
August 2016	937.4	-	937.4	9,699.2	-	9,699.2
Wisconsin						
August 2017	477.4	191.5	668.9	5,449.5	2,235.0	7,684.4
July 2017	523.4	190.9	714.2	5,425.0	2,171.1	7,596.1
August 2016	504.2	178.2	682.4	5,645.5	2,171.6	7,817.1
PAD District 3						
August 2017	4,137.3	2,025.2	6,162.5	52,162.6	17,079.0	69,241.6
July 2017	3,983.1	2,098.5	6,081.6	51,047.6	17,329.5	68,377.2
August 2016	4,096.8	2,107.9	6,204.7	48,030.3	17,166.6	65,197.1
Alabama						
August 2017	593.8	-	593.8	7,163.7	-	7,163.7
July 2017	577.9	-	577.9	6,906.7	-	6,906.7
August 2016	564.0	-	564.0	6,885.7	-	6,885.7
Arkansas						
August 2017	339.9	-	339.9	4,072.6	-	4,072.6
July 2017	317.3	-	317.3	4,012.2	-	4,012.2
August 2016	305.6	-	305.6	3,962.2	-	3,962.2
Louisiana						
August 2017	563.4	-	563.4	7,852.3	-	7,852.3
July 2017	557.4	-	557.4	7,484.8	-	7,484.8
August 2016	543.2	-	543.2	7,228.0	-	7,228.0
Mississippi						
August 2017	313.8	-	313.8	5,006.9	-	5,006.9
July 2017	320.5	-	320.5	4,902.8	-	4,902.8
August 2016	563.5	-	563.5	4,952.5	-	4,952.5
New Mexico						
August 2017	319.2	-	319.2	2,835.8	-	2,835.8
July 2017	323.1	-	323.1	2,837.0	-	2,837.0
August 2016	325.4	-	325.4	2,802.7	-	2,802.7
Texas						
August 2017	2,007.3	2,025.2	4,032.5	25,231.3	17,079.0	42,310.3
July 2017	1,887.0	2,098.5	3,985.5	24,904.1	17,329.5	42,233.6
August 2016	1,795.1	2,107.9	3,903.0	22,199.3	17,166.6	39,366.0

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						
August 2017	13,373.2	-	13,373.2	350.6	-	350.6
July 2017	13,535.3	-	13,535.3	368.8	-	368.8
August 2016	12,941.2	-	12,941.2	365.5	-	365.5
Colorado						
August 2017	5,552.8	-	5,552.8	145.8	-	145.8
July 2017	5,537.0	-	5,537.0	147.3	-	147.3
August 2016	5,336.7	-	5,336.7	158.1	-	158.1
Idaho						
August 2017	1,904.6	-	1,904.6	28.6	-	28.6
July 2017	2,007.8	-	2,007.8	36.5	-	36.5
August 2016	1,812.8	-	1,812.8	31.3	-	31.3
Montana						
August 2017	1,970.1	-	1,970.1	78.1	-	78.1
July 2017	2,014.1	-	2,014.1	81.0	-	81.0
August 2016	1,899.8	-	1,899.8	85.4	-	85.4
Utah						
August 2017	2,971.3	-	2,971.3	68.7	-	68.7
July 2017	3,011.9	-	3,011.9	72.1	-	72.1
August 2016	2,983.8	-	2,983.8	66.2	-	66.2
Wyoming						
August 2017	974.3	-	974.3	29.5	-	29.5
July 2017	964.5	-	964.5	31.9	-	31.9
August 2016	908.0	-	908.0	24.5	-	24.5
PAD District 5						
August 2017	17,969.0	36,161.5	54,130.5	389.8	1,080.8	1,470.6
July 2017	17,693.0	35,051.0	52,744.0	398.4	1,061.8	1,460.2
August 2016	18,114.1	36,092.6	54,206.6	424.3	1,176.3	1,600.6
Alaska						
August 2017	703.5	-	703.5	W	-	W
July 2017	722.5	-	722.5	W	-	W
August 2016	731.6	-	731.6	W	-	W
Arizona						
August 2017	W	W	7,347.4	W	W	143.8
July 2017	W	W	7,108.1	W	W	141.0
August 2016	2,620.1	4,487.4	7,107.5	W	W	158.6
California						
August 2017	-	31,516.3	31,516.3	-	W	991.6
July 2017	-	30,639.9	30,639.9	-	W	977.1
August 2016	-	31,605.1	31,605.1	-	W	1,076.0
Hawaii						
August 2017	994.6	-	994.6	W	-	W
July 2017	966.8	-	966.8	W	-	W
August 2016	1,020.5	-	1,020.5	W	-	W
Nevada						
August 2017	W	W	2,678.4	101.0	-	101.0
July 2017	W	W	2,577.6	100.8	-	100.8
August 2016	2,568.2	-	2,568.2	101.1	-	101.1
Oregon						
August 2017	4,230.5	-	4,230.5	38.4	-	38.4
July 2017	4,053.8	-	4,053.8	38.2	-	38.2
August 2016	4,497.8	-	4,497.8	42.4	-	42.4
Washington						
August 2017	6,659.9	-	6,659.9	108.0	-	108.0
July 2017	6,675.4	-	6,675.4	108.9	-	108.9
August 2016	6,676.0	-	6,676.0	123.9	-	123.9

See footnotes at end of table.

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

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 4						
August 2017	2,952.5	-	2,952.5	16,676.3	-	16,676.3
July 2017	2,999.7	-	2,999.7	16,903.8	-	16,903.8
August 2016	2,855.2	-	2,855.2	16,161.8	-	16,161.8
Colorado						
August 2017	1,195.9	-	1,195.9	6,894.5	-	6,894.5
July 2017	1,190.1	-	1,190.1	6,874.4	-	6,874.4
August 2016	1,151.0	-	1,151.0	6,645.8	-	6,645.8
Idaho						
August 2017	337.6	-	337.6	2,270.9	-	2,270.9
July 2017	360.5	-	360.5	2,404.7	-	2,404.7
August 2016	310.6	-	310.6	2,154.7	-	2,154.7
Montana						
August 2017	405.4	-	405.4	2,453.5	-	2,453.5
July 2017	424.0	-	424.0	2,519.2	-	2,519.2
August 2016	402.8	-	402.8	2,387.9	-	2,387.9
Utah						
August 2017	802.3	-	802.3	3,842.3	-	3,842.3
July 2017	816.5	-	816.5	3,900.5	-	3,900.5
August 2016	800.6	-	800.6	3,850.6	-	3,850.6
Wyoming						
August 2017	211.3	-	211.3	1,215.1	-	1,215.1
July 2017	208.6	-	208.6	1,205.1	-	1,205.1
August 2016	190.3	-	190.3	1,122.7	-	1,122.7
PAD District 5						
August 2017	3,269.6	9,584.2	12,853.8	21,628.4	46,826.5	68,454.8
July 2017	3,253.2	9,349.0	12,602.3	21,344.6	45,461.8	66,806.5
August 2016	3,325.7	9,602.2	12,928.0	21,864.1	46,871.1	68,735.2
Alaska						
August 2017	W	-	W	797.6	-	797.6
July 2017	W	-	W	820.4	-	820.4
August 2016	W	-	W	825.2	-	825.2
Arizona						
August 2017	W	W	1,015.6	W	W	8,506.8
July 2017	W	W	960.2	W	W	8,209.2
August 2016	W	W	962.2	3,016.8	5,211.5	8,228.3
California						
August 2017	-	W	8,911.9	-	41,419.8	41,419.8
July 2017	-	W	8,735.4	-	40,352.3	40,352.3
August 2016	-	W	8,978.4	-	41,659.6	41,659.6
Hawaii						
August 2017	W	-	W	1,323.4	-	1,323.4
July 2017	W	-	W	1,289.9	-	1,289.9
August 2016	W	-	W	1,376.9	-	1,376.9
Nevada						
August 2017	W	W	674.7	W	W	3,454.1
July 2017	W	W	653.4	W	W	3,331.8
August 2016	645.0	-	645.0	3,314.2	-	3,314.2
Oregon						
August 2017	574.7	-	574.7	4,843.6	-	4,843.6
July 2017	570.6	-	570.6	4,662.6	-	4,662.6
August 2016	646.2	-	646.2	5,186.3	-	5,186.3
Washington						
August 2017	1,341.7	-	1,341.7	8,109.6	-	8,109.6
July 2017	1,355.7	-	1,355.7	8,140.0	-	8,140.0
August 2016	1,344.8	-	1,344.8	8,144.7	-	8,144.7

- = 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							
August 2017	535.1	67,163.7	75.7	26,885.0	1,430.9	9,213.4	10,644.3
July 2017	494.6	67,234.2	81.7	23,632.6	1,340.3	10,253.8	11,594.1
August 2016	628.9	62,722.8	38.6	25,924.1	1,920.9	9,553.5	11,474.5
PAD District 1							
August 2017	159.0	15,781.4	60.5	5,211.1	314.5	3,199.4	3,513.9
July 2017	147.8	15,651.3	W	4,027.7	545.3	3,246.1	3,791.5
August 2016	159.1	15,292.8	W	4,478.9	W	W	4,054.6
Subdistrict 1A							
August 2017	26.8	1,757.7	W	845.9	W	W	41.5
July 2017	20.2	1,757.1	W	738.2	W	W	44.9
August 2016	25.4	1,828.4	W	810.3	W	W	74.0
Connecticut							
August 2017	3.8	208.5	W	100.1	W	-	W
July 2017	3.0	177.2	W	92.6	W	-	W
August 2016	3.1	180.3	W	87.0	W	-	W
Maine							
August 2017	5.5	120.9	-	211.7	W	W	5.4
July 2017	W	125.2	-	193.7	W	W	6.4
August 2016	3.7	165.1	W	190.2	W	W	5.1
Massachusetts							
August 2017	11.6	1,233.7	W	198.7	W	W	22.9
July 2017	8.9	1,259.1	W	171.1	W	W	28.8
August 2016	12.3	1,325.3	W	205.7	W	W	W
New Hampshire							
August 2017	3.2	56.4	-	200.8	W	W	W
July 2017	2.0	69.0	W	169.0	W	W	W
August 2016	3.1	45.5	W	202.5	W	W	W
Rhode Island							
August 2017	W	107.3	W	25.2	-	-	-
July 2017	W	99.5	-	18.4	-	-	-
August 2016	W	77.7	W	21.5	W	W	W
Vermont							
August 2017	W	30.9	-	109.4	W	W	W
July 2017	W	27.1	W	93.3	W	-	W
August 2016	W	34.6	W	103.4	W	-	W
Subdistrict 1B							
August 2017	39.7	9,378.6	W	1,694.9	W	W	2,560.1
July 2017	35.4	9,284.1	W	1,483.4	W	W	2,660.7
August 2016	36.4	9,140.2	W	1,424.4	659.0	2,374.9	3,034.0
Delaware							
August 2017	1.6	W	-	W	W	-	W
July 2017	1.4	W	-	W	W	-	W
August 2016	1.5	W	-	W	W	W	W
District of Columbia							
August 2017	-	W	-	W	-	-	-
July 2017	-	W	-	W	-	-	-
August 2016	-	W	-	W	-	-	-
Maryland							
August 2017	6.2	242.4	-	202.5	-	-	-
July 2017	4.5	157.4	-	189.2	-	-	-
August 2016	5.4	145.5	-	158.0	-	W	W
New Jersey							
August 2017	7.0	2,997.2	-	135.4	138.1	1,519.3	1,657.4
July 2017	7.2	2,994.9	-	129.7	236.3	1,273.3	1,509.6
August 2016	7.4	3,841.3	-	145.7	W	W	1,988.5
New York							
August 2017	14.1	3,912.9	W	639.5	W	W	757.6
July 2017	12.1	3,977.2	W	529.2	W	W	765.5
August 2016	11.3	3,865.9	W	470.9	W	W	837.4
Pennsylvania							
August 2017	10.8	2,213.8	-	624.0	W	W	W
July 2017	10.1	2,142.2	-	534.9	W	W	W
August 2016	10.8	1,275.6	-	525.3	W	W	188.9

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil		Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%	
Subdistrict 1C							
August 2017	92.5	4,645.0	-	2,670.3	-	912.2	912.2
July 2017	92.2	4,610.1	-	1,806.2	-	1,085.8	1,085.8
August 2016	97.4	4,324.2	-	2,244.3	W	W	946.6
Florida							
August 2017	47.3	2,529.1	-	557.8	-	598.8	598.8
July 2017	52.4	2,491.0	-	451.5	-	608.9	608.9
August 2016	54.3	1,956.6	-	403.2	W	W	611.7
Georgia							
August 2017	13.7	431.4	-	448.5	-	W	W
July 2017	13.1	498.5	-	284.7	-	W	W
August 2016	12.7	538.5	-	373.5	-	W	W
North Carolina							
August 2017	12.7	303.3	-	846.0	-	10.3	10.3
July 2017	11.0	259.1	-	509.4	-	W	W
August 2016	12.8	271.9	-	703.9	-	18.1	18.1
South Carolina							
August 2017	W	213.4	-	353.5	-	W	W
July 2017	5.9	218.5	-	244.5	-	W	W
August 2016	6.8	247.6	-	340.8	-	W	W
Virginia							
August 2017	9.7	1,143.8	-	373.6	-	W	W
July 2017	8.2	1,117.7	-	245.8	-	152.4	152.4
August 2016	9.0	1,286.8	-	291.6	-	W	W
West Virginia							
August 2017	W	24.1	-	90.9	-	-	-
July 2017	1.6	25.1	-	70.3	-	-	-
August 2016	1.7	22.8	-	131.3	-	-	-
PAD District 2							
August 2017	142.6	11,379.4	W	6,817.5	W	W	101.2
July 2017	130.3	10,842.7	W	5,090.7	W	89.9	W
August 2016	134.2	11,260.7	W	5,725.2	-	W	W
Illinois							
August 2017	12.4	3,243.1	-	830.4	-	-	-
July 2017	14.6	2,939.7	-	684.6	-	-	-
August 2016	11.5	3,162.5	-	667.6	-	-	-
Indiana							
August 2017	10.2	1,215.2	-	497.7	-	W	W
July 2017	9.2	1,160.2	-	323.8	-	W	W
August 2016	9.3	1,072.4	-	373.7	-	W	W
Iowa							
August 2017	8.1	104.1	-	575.0	-	-	-
July 2017	7.9	116.8	-	375.1	-	-	-
August 2016	8.0	113.8	-	424.1	-	-	-
Kansas							
August 2017	7.8	140.8	-	476.9	-	-	-
July 2017	5.2	163.4	-	371.3	-	-	-
August 2016	8.4	148.3	-	467.6	-	-	-
Kentucky							
August 2017	6.3	1,388.0	W	333.6	-	W	W
July 2017	3.9	1,383.8	W	250.2	-	W	W
August 2016	4.2	1,193.6	W	246.4	-	W	W
Michigan							
August 2017	16.1	607.6	-	609.7	W	W	W
July 2017	11.3	582.4	-	528.2	W	W	W
August 2016	12.6	574.3	-	590.1	-	W	W
Minnesota							
August 2017	13.8	423.3	-	644.9	-	W	W
July 2017	11.7	413.8	-	446.6	-	-	-
August 2016	13.3	605.4	-	506.0	-	-	-
Missouri							
August 2017	10.6	318.8	-	495.8	-	-	-
July 2017	10.0	310.3	-	274.4	-	-	-
August 2016	9.6	342.9	-	442.6	-	-	-

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							
August 2017	6.3	158.8	-	200.5	-	-	-
July 2017	6.0	163.2	-	224.0	-	-	-
August 2016	4.7	150.3	-	221.3	-	-	-
North Dakota							
August 2017	6.8	87.6	-	454.9	-	-	-
July 2017	5.7	87.5	-	349.9	-	-	-
August 2016	5.8	125.1	-	351.8	-	-	-
Ohio							
August 2017	13.9	1,093.0	-	449.0	-	-	-
July 2017	8.1	979.8	-	334.8	-	-	-
August 2016	16.4	1,175.8	-	390.0	-	-	-
Oklahoma							
August 2017	6.0	858.2	-	204.6	-	-	-
July 2017	8.8	954.8	-	120.1	-	-	-
August 2016	7.4	935.2	-	180.8	-	-	-
South Dakota							
August 2017	4.8	58.7	-	170.5	-	W	W
July 2017	3.2	62.8	-	104.4	-	W	W
August 2016	4.2	115.8	-	128.2	-	W	W
Tennessee							
August 2017	10.4	1,488.7	-	227.8	-	W	W
July 2017	9.5	1,346.6	-	184.5	-	-	-
August 2016	8.7	1,320.2	-	215.4	-	W	W
Wisconsin							
August 2017	9.1	193.1	-	646.2	-	W	W
July 2017	15.1	177.5	-	518.7	-	W	W
August 2016	10.0	225.2	-	519.5	-	W	W
PAD District 3							
August 2017	80.6	16,068.7	-	11,785.0	170.2	2,329.4	2,499.5
July 2017	70.3	17,306.3	-	11,919.6	W	W	3,221.7
August 2016	77.9	12,815.9	-	12,504.1	W	W	2,642.6
Alabama							
August 2017	6.2	181.7	-	168.7	-	W	W
July 2017	7.8	159.8	-	113.0	-	W	W
August 2016	6.7	301.8	-	192.5	-	W	W
Arkansas							
August 2017	5.5	151.9	-	145.3	-	-	-
July 2017	5.0	169.8	-	87.8	-	-	-
August 2016	5.5	154.6	-	148.6	-	-	-
Louisiana							
August 2017	7.1	3,001.4	-	906.1	W	W	637.6
July 2017	5.8	3,640.9	-	1,017.5	-	441.1	441.1
August 2016	8.6	2,441.6	-	2,489.9	W	W	705.6
Mississippi							
August 2017	5.3	2,660.2	-	235.2	-	W	W
July 2017	4.5	2,388.6	-	149.8	-	W	W
August 2016	4.3	1,334.3	-	259.3	-	W	W
New Mexico							
August 2017	5.0	148.0	-	124.8	-	-	-
July 2017	3.5	128.5	-	98.1	-	-	-
August 2016	6.3	138.6	-	140.1	-	-	-
Texas							
August 2017	51.6	9,925.5	-	10,204.9	W	W	1,749.1
July 2017	43.6	10,818.8	-	10,453.4	W	W	2,236.1
August 2016	46.5	8,445.0	-	9,273.6	W	W	1,882.3

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil		Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%	
PAD District 4							
August 2017	38.0	2,343.0	W	935.2	-	-	-
July 2017	37.0	2,335.2	-	766.4	-	W	W
August 2016	42.0	2,159.9	W	964.0	W	-	W
Colorado							
August 2017	11.9	1,145.5	-	258.2	-	-	-
July 2017	10.0	1,114.6	-	174.3	-	-	-
August 2016	12.1	1,009.9	-	304.8	-	-	-
Idaho							
August 2017	6.7	140.1	-	83.4	-	-	-
July 2017	8.9	144.3	-	86.2	-	-	-
August 2016	10.1	149.5	-	92.0	-	-	-
Montana							
August 2017	9.7	186.7	-	261.1	-	-	-
July 2017	8.5	180.2	-	222.8	-	-	-
August 2016	6.9	149.2	-	191.9	-	-	-
Utah							
August 2017	6.8	777.8	W	99.9	-	-	-
July 2017	6.5	794.7	-	87.7	-	-	-
August 2016	8.9	770.1	W	126.1	-	-	-
Wyoming							
August 2017	2.9	92.9	-	232.7	-	-	-
July 2017	3.1	101.3	-	195.4	-	W	W
August 2016	4.0	81.2	-	249.3	W	-	W
PAD District 5							
August 2017	114.8	21,591.3	W	2,136.2	W	W	4,529.6
July 2017	109.3	21,098.6	-	1,828.3	760.0	3,724.1	4,484.1
August 2016	215.7	21,193.5	-	2,251.9	914.7	3,764.4	4,679.1
Alaska							
August 2017	W	1,854.7	-	W	-	-	-
July 2017	W	1,991.2	-	W	-	-	-
August 2016	W	2,004.5	-	23.7	-	-	-
Arizona							
August 2017	16.7	378.5	-	181.1	-	-	-
July 2017	16.4	336.3	-	151.5	-	-	-
August 2016	16.3	495.8	-	287.8	-	-	-
California							
August 2017	52.5	14,044.3	-	1,073.6	W	W	1,989.5
July 2017	52.0	13,105.9	-	877.1	W	W	2,086.5
August 2016	158.1	13,163.5	-	1,146.9	W	W	2,388.5
Hawaii							
August 2017	W	1,296.4	-	W	W	W	1,098.0
July 2017	W	1,579.6	-	W	W	W	1,158.9
August 2016	W	1,496.1	-	W	W	W	W
Nevada							
August 2017	W	602.6	W	83.4	-	-	-
July 2017	W	571.1	-	56.5	-	-	-
August 2016	W	692.0	-	W	-	-	-
Oregon							
August 2017	18.6	646.0	-	135.2	-	-	-
July 2017	19.3	640.0	-	110.7	-	-	-
August 2016	17.9	612.6	-	139.4	-	-	-
Washington							
August 2017	16.2	2,768.9	-	624.9	-	1,442.1	1,442.1
July 2017	12.6	2,874.5	-	586.8	-	1,238.7	1,238.7
August 2016	14.0	2,729.0	-	580.1	-	W	W

- = 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								
August 2017	710.0	266.5	3,559.1	169,057.4	78.7	1,153.0	173,848.2	174,900.4
July 2017	721.0	193.3	2,736.8	155,721.2	85.9	1,022.6	159,566.5	160,562.5
August 2016	783.9	327.8	2,980.3	158,139.0	W	W	162,228.5	163,378.9
PAD District 1								
August 2017	171.6	12.7	3,432.2	40,639.5	-	170.2	44,241.8	44,486.6
July 2017	50.5	W	2,644.8	36,480.8	-	160.8	39,286.5	39,416.8
August 2016	W	33.5	2,613.6	39,114.8	-	192.7	41,921.1	42,127.8
Subdistrict 1A								
August 2017	24.6	W	1,290.8	W	-	W	4,938.9	4,969.0
July 2017	10.0	W	969.0	W	-	W	4,221.5	4,235.4
August 2016	W	23.3	1,042.7	W	-	W	4,608.3	4,652.0
Connecticut								
August 2017	W	W	276.4	767.7	-	-	1,044.1	1,045.2
July 2017	W	W	211.9	631.1	-	-	843.1	844.3
August 2016	W	W	258.6	751.3	-	-	1,009.9	1,030.6
Maine								
August 2017	W	W	283.3	W	-	W	978.3	998.6
July 2017	W	W	191.0	W	-	W	821.2	829.0
August 2016	10.6	W	202.4	W	-	W	865.8	876.9
Massachusetts								
August 2017	W	W	344.4	W	-	W	1,569.5	1,571.2
July 2017	W	-	301.4	W	-	W	1,492.4	1,493.5
August 2016	1.6	W	253.9	W	-	W	1,483.2	1,486.4
New Hampshire								
August 2017	W	W	162.0	353.0	-	-	514.9	519.4
July 2017	1.4	W	107.9	329.7	-	-	437.6	439.7
August 2016	3.5	W	122.5	331.5	-	-	454.1	459.5
Rhode Island								
August 2017	W	-	141.0	W	-	W	562.2	562.6
July 2017	W	-	98.4	289.6	-	W	W	389.1
August 2016	W	-	119.8	W	-	W	492.7	493.2
Vermont								
August 2017	0.8	1.2	83.9	186.1	-	-	270.0	272.0
July 2017	0.5	W	58.3	W	-	-	W	239.9
August 2016	0.6	W	85.5	217.1	-	-	302.6	305.5
Subdistrict 1B								
August 2017	132.9	W	2,091.2	13,737.5	-	132.2	15,960.8	16,155.7
July 2017	34.1	W	1,648.2	12,050.2	-	115.0	13,813.4	13,917.4
August 2016	111.1	W	1,522.3	13,592.7	-	142.1	15,257.1	15,399.9
Delaware								
August 2017	W	-	W	309.2	-	W	W	377.9
July 2017	W	-	W	W	-	-	W	432.3
August 2016	W	-	W	W	-	-	W	290.7
District of Columbia								
August 2017	-	-	W	W	-	-	42.6	42.6
July 2017	-	-	W	W	-	-	44.6	44.6
August 2016	-	-	W	W	-	-	51.8	51.8
Maryland								
August 2017	2.7	-	106.8	W	-	W	1,867.2	1,870.0
July 2017	1.9	-	80.7	W	-	W	1,698.4	1,700.4
August 2016	W	-	91.7	1,701.9	-	W	W	1,798.2
New Jersey								
August 2017	W	-	644.4	3,168.5	-	W	W	3,911.6
July 2017	W	-	560.4	2,963.9	-	W	W	3,571.9
August 2016	W	-	325.8	3,534.3	-	W	W	3,953.2
New York								
August 2017	20.0	W	737.6	3,330.9	-	68.0	4,136.5	4,217.6
July 2017	25.2	W	549.8	2,846.5	-	59.4	3,455.7	3,550.6
August 2016	W	4.0	674.1	W	-	W	3,928.7	4,009.1
Pennsylvania								
August 2017	W	W	587.3	W	-	W	5,721.9	5,735.9
July 2017	W	W	348.7	W	-	W	4,611.5	4,617.6
August 2016	W	W	414.0	W	-	W	5,292.3	5,296.8

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								
August 2017	14.1	5.8	50.2	W	-	W	23,342.1	23,362.0
July 2017	6.5	6.0	27.6	W	-	W	21,251.6	21,264.1
August 2016	W	W	48.6	W	-	W	22,055.8	22,076.0
Florida								
August 2017	W	-	-	6,063.6	-	W	W	6,083.5
July 2017	W	-	-	5,477.8	-	W	W	5,506.3
August 2016	W	-	-	5,897.8	-	W	W	5,927.1
Georgia								
August 2017	W	W	-	W	-	W	4,926.1	4,927.2
July 2017	W	W	-	W	-	W	4,373.2	4,374.5
August 2016	W	W	-	W	-	W	4,902.2	4,902.9
North Carolina								
August 2017	W	W	W	3,861.5	-	W	3,887.3	3,897.5
July 2017	W	W	W	W	-	-	3,590.6	3,595.8
August 2016	W	W	W	W	-	-	3,685.6	3,696.5
South Carolina								
August 2017	W	-	-	3,012.5	-	W	W	3,015.4
July 2017	W	-	-	W	-	-	W	2,793.2
August 2016	W	-	W	2,835.7	-	W	W	2,857.7
Virginia								
August 2017	W	W	16.0	W	-	W	4,098.3	4,105.1
July 2017	W	W	5.5	W	-	W	3,799.7	3,804.1
August 2016	W	W	26.2	3,572.8	-	-	3,599.0	3,606.3
West Virginia								
August 2017	W	W	W	W	-	-	1,332.1	1,333.4
July 2017	W	W	W	W	-	-	W	1,190.2
August 2016	W	W	2.5	W	-	-	W	1,085.4
PAD District 2								
August 2017	W	93.2	33.7	W	-	W	54,841.6	54,976.8
July 2017	W	59.7	24.3	W	-	W	49,125.5	49,218.1
August 2016	W	91.3	61.6	50,345.1	W	W	50,476.3	50,603.8
Illinois								
August 2017	1.1	6.2	-	6,451.7	-	-	6,451.7	6,459.0
July 2017	0.9	3.8	-	5,649.6	-	-	5,649.6	5,654.3
August 2016	1.6	4.1	-	5,923.8	-	-	5,923.8	5,929.6
Indiana								
August 2017	W	W	-	4,288.1	-	-	4,288.1	4,291.0
July 2017	W	W	-	3,726.9	-	-	3,726.9	3,735.9
August 2016	W	W	W	W	-	-	4,719.3	4,723.0
Iowa								
August 2017	1.0	7.1	W	W	-	-	2,791.7	2,799.8
July 2017	0.6	8.5	W	W	-	-	2,484.7	2,493.8
August 2016	1.1	11.3	W	W	-	-	2,749.8	2,762.2
Kansas								
August 2017	W	W	-	3,350.8	-	-	3,350.8	3,363.7
July 2017	W	W	-	2,920.3	-	-	2,920.3	2,925.8
August 2016	W	W	-	W	-	-	2,994.9	3,008.5
Kentucky								
August 2017	W	-	-	2,800.7	-	-	2,800.7	2,818.0
July 2017	2.3	W	-	2,403.1	-	-	2,403.1	2,417.3
August 2016	W	-	W	W	-	-	2,697.6	2,707.9
Michigan								
August 2017	2.1	6.0	W	3,552.6	-	W	3,612.6	3,620.8
July 2017	W	W	-	W	-	W	3,210.7	3,216.0
August 2016	W	W	W	3,222.9	-	W	3,292.5	3,305.5
Minnesota								
August 2017	5.0	19.9	W	W	-	-	2,916.4	2,941.2
July 2017	2.5	11.5	W	W	-	-	2,523.8	2,537.9
August 2016	5.5	16.1	W	W	-	-	2,676.0	2,697.6
Missouri								
August 2017	W	W	W	W	-	-	3,982.0	3,982.7
July 2017	W	W	W	W	-	-	3,679.4	3,680.8
August 2016	W	W	W	W	-	-	3,450.9	3,452.1

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								
August 2017	-	5.4	W	W	-	-	2,219.9	2,225.2
July 2017	-	2.0	W	W	-	-	2,495.4	2,497.5
August 2016	-	4.0	W	W	-	-	2,303.4	2,307.4
North Dakota								
August 2017	W	W	W	W	-	-	2,299.9	2,318.5
July 2017	W	W	W	W	-	-	1,937.2	1,944.3
August 2016	W	W	W	W	-	-	2,135.2	2,145.9
Ohio								
August 2017	W	W	W	W	-	W	6,059.2	6,069.1
July 2017	W	W	W	W	-	-	5,400.2	5,405.5
August 2016	W	W	-	W	W	-	5,477.5	5,489.8
Oklahoma								
August 2017	W	W	W	W	-	-	5,789.8	5,795.1
July 2017	W	W	W	W	-	-	5,269.1	5,274.9
August 2016	W	W	W	W	-	-	4,651.5	4,655.4
South Dakota								
August 2017	-	2.1	W	W	-	-	939.3	941.3
July 2017	-	3.4	W	W	-	-	885.0	888.4
August 2016	-	2.8	W	W	-	-	865.2	868.1
Tennessee								
August 2017	W	W	-	3,912.9	-	-	3,912.9	3,915.8
July 2017	W	W	-	3,500.3	-	-	3,500.3	3,501.8
August 2016	W	W	-	3,631.4	-	-	3,631.4	3,633.5
Wisconsin								
August 2017	4.1	4.6	W	W	-	-	3,426.8	3,435.5
July 2017	0.6	3.5	W	W	-	-	3,039.9	3,044.0
August 2016	4.7	5.1	W	W	-	-	2,907.4	2,917.2
PAD District 3								
August 2017	W	W	48.5	40,934.5	W	W	41,255.5	41,761.5
July 2017	W	W	W	38,683.6	W	372.5	39,116.5	39,760.8
August 2016	W	W	253.6	35,713.8	W	W	36,186.3	36,792.1
Alabama								
August 2017	W	-	-	2,920.5	W	W	W	2,980.3
July 2017	W	-	-	2,483.8	W	W	W	2,542.1
August 2016	W	-	-	2,713.6	-	W	W	2,723.5
Arkansas								
August 2017	-	-	W	W	-	-	2,304.6	2,304.6
July 2017	-	-	W	W	-	-	2,216.7	2,216.7
August 2016	-	-	W	W	-	-	2,062.3	2,062.3
Louisiana								
August 2017	W	-	W	W	-	W	W	7,249.8
July 2017	W	-	-	6,583.9	-	W	W	7,307.1
August 2016	W	W	W	W	-	W	W	6,232.4
Mississippi								
August 2017	-	W	-	2,205.3	-	W	W	2,207.7
July 2017	-	W	-	2,095.6	-	W	W	2,101.4
August 2016	-	-	-	W	-	W	2,181.1	2,181.1
New Mexico								
August 2017	-	-	-	1,965.7	-	-	1,965.7	1,965.7
July 2017	-	-	-	1,965.9	-	-	1,965.9	1,965.9
August 2016	-	-	-	1,798.0	-	-	1,798.0	1,798.0
Texas								
August 2017	W	W	W	24,873.1	W	154.0	25,051.5	25,053.3
July 2017	W	W	W	W	W	273.5	23,625.5	23,627.6
August 2016	W	W	W	21,465.8	W	W	21,792.5	21,794.8

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									
August 2017	-	W	W	W	-	-	9,479.8	9,502.9	
July 2017	W	W	W	W	-	-	9,185.1	9,200.0	
August 2016	-	W	W	W	-	-	9,396.5	9,417.0	
Colorado									
August 2017	-	10.7	-	2,630.8	-	-	2,630.8	2,641.5	
July 2017	-	6.3	-	2,462.6	-	-	2,462.6	2,468.9	
August 2016	-	6.5	-	2,501.1	-	-	2,501.1	2,507.5	
Idaho									
August 2017	-	W	W	W	-	-	W	1,323.7	
July 2017	-	1.5	W	W	-	-	1,402.2	1,403.6	
August 2016	-	1.7	-	1,540.8	-	-	1,540.8	1,542.5	
Montana									
August 2017	-	7.3	-	1,934.2	-	-	1,934.2	1,941.5	
July 2017	-	4.7	-	1,889.5	-	-	1,889.5	1,894.2	
August 2016	-	6.3	W	W	-	-	1,879.0	1,885.3	
Utah									
August 2017	-	W	W	W	-	-	1,908.5	1,910.1	
July 2017	W	W	W	W	-	-	1,902.7	1,904.1	
August 2016	-	W	W	W	-	-	2,038.2	2,042.8	
Wyoming									
August 2017	-	W	-	W	-	-	W	1,686.1	
July 2017	-	1.2	-	W	-	-	1,528.0	1,529.2	
August 2016	-	1.4	-	W	-	-	1,437.5	1,438.8	
PAD District 5									
August 2017	W	137.2	W	W	W	686.0	24,029.3	24,172.5	
July 2017	W	W	W	W	W	W	22,853.1	22,966.6	
August 2016	8.5	181.6	W	W	W	606.6	24,248.0	24,438.1	
Alaska									
August 2017	-	W	W	W	-	W	W	719.9	
July 2017	-	W	W	W	-	W	625.2	W	
August 2016	-	W	W	W	-	W	W	814.6	
Arizona									
August 2017	-	-	-	2,777.4	-	-	2,777.4	2,777.4	
July 2017	-	-	-	2,675.9	-	-	2,675.9	2,675.9	
August 2016	-	-	-	2,737.9	-	-	2,737.9	2,737.9	
California									
August 2017	W	W	-	W	-	W	12,169.0	12,176.6	
July 2017	W	W	-	W	-	W	11,729.7	11,737.4	
August 2016	W	W	-	W	-	W	12,689.9	12,727.1	
Hawaii									
August 2017	-	-	-	311.0	W	W	783.4	783.4	
July 2017	-	-	-	306.6	W	W	W	W	
August 2016	-	-	-	289.8	W	W	624.7	624.7	
Nevada									
August 2017	W	W	W	W	-	-	1,726.6	1,729.2	
July 2017	-	W	W	W	-	-	W	1,474.1	
August 2016	W	W	W	W	-	-	W	1,463.4	
Oregon									
August 2017	-	W	-	W	-	-	W	2,253.7	
July 2017	W	-	-	W	-	-	W	2,148.0	
August 2016	W	W	-	2,420.9	-	-	2,420.9	2,421.4	
Washington									
August 2017	-	2.8	W	3,639.0	-	W	3,729.4	3,732.2	
July 2017	-	10.2	-	W	-	W	3,568.7	3,578.9	
August 2016	-	2.0	-	W	-	W	3,646.9	3,649.0	

- = 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."