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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 prices for crude oil rose in January. The average domestic crude oil first purchase price increased \$1.07 (2.3%), to \$48.19 per barrel.
- The average free-on-board (f.o.b.) cost of imported crude oil rose 18 cents (0.4%) to \$44.74 per barrel. The average landed cost of foreign crude oil increased 20 cents (0.4%), to \$46.53 per barrel.
- The average refiner acquisition cost for domestic crude oil climbed \$1.36 (2.7%), to \$51.81 per barrel. The average cost of imported crude oil increased \$1.40 (3.0%), to \$48.12 per barrel. The composite refiner acquisition cost for crude oil rose \$1.33 (2.7%), to \$49.99 per barrel.

Petroleum products

Motor gasoline

- Refiner monthly average prices for motor gasoline increased during January. The average retail price rose 5.1 cents to \$1.900 per gallon, while the average wholesale price increased 4.3 cents to \$1.628 per gallon.
- Refiner sales of finished motor gasoline decreased in January. Total sales fell 22.5 million gallons per day (7.0%) to an average of 300.1 million gallons per day. Retail sales declined 1.2 million gallons per day (5.0%), while wholesales fell 21.3 million gallons per day (7.1%). DTW sales accounted for 7.6% of wholesales, while rack and bulk sales made up 86.2% and 6.2%, respectively.

No. 2 distillate

- Monthly average prices for refiner sales of No. 2 distillates increased in January. The average price for No. 2 diesel fuel sold to end users rose 3.0 cents to \$1.748 per gallon, while the average wholesale price also increased 3.0 cents to \$1.636 per gallon. The wholesale price for No. 2 fuel oil climbed 5.3 cents to \$1.560 per gallon.
- Refiner sales of No. 2 ultra-low sulfur diesel fuel declined in January. Overall, sales decreased 11.1 million gallons per day (7.4%) to an average of 138.2 million gallons per day. Retail sales rose 500,000 gallons per day (4.3%), while wholesales declined 11.6 million gallons per day (8.4%).

Residual Fuel Oil

- Refiner monthly average residual fuel oil prices climbed in January. The wholesale price for low-sulfur residual fuel oil rose 7.5 cents to \$1.099 per gallon. Prices for high-sulfur residual fuel oil increased 4.3 cents to \$1.249 per gallon at retail, while the wholesale price rose 9.0 cents to \$1.121 per gallon.
- Sales of residual fuel oil by refiners declined in January. Retail sales fell 300,000 gallons per day (7.1%), while wholesales dropped 1.0 million gallons per day (13.2%).

Other products

- Refiner prices for remaining surveyed products increased in January. Propane and kerosene-type jet fuel prices climbed at both the retail and wholesale levels, while prices for aviation gasoline, kerosene, and No. 1 distillate prices rose at wholesale.
- Refiner sales of products included in this section fell in January. Propane and kerosene-type jet fuel sales dropped at both retail and wholesale, while sales of aviation gasoline, kerosene, and No. 1 distillate also declined at the wholesale level.

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					
	January 2017		December 2016		January 2016		January 2017		December 2016		January 2016	
	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume
Motor gasoline	1.900	22.9	1.849	24.1	1.505	24.4	1.628	277.2	1.585	298.5	1.187	285.3
Conventional	1.812	14.1	1.781	14.9	1.346	15.7	1.593	186.2	1.558	201.3	1.117	192.5
Regular	1.768	12.5	1.739	13.1	1.305	13.8	1.561	167.6	1.527	180.1	1.083	172.2
Midgrade	2.009	0.7	1.952	0.8	1.524	0.8	1.729	1.5	1.683	1.6	1.241	1.8
Premium	2.259	0.9	2.204	1.0	1.733	1.1	1.894	17.1	1.838	19.5	1.428	18.6
Reformulated	2.043	8.8	1.958	9.2	1.790	8.7	1.699	91.0	1.640	97.2	1.331	92.8
Regular	1.951	6.5	1.869	6.7	1.687	6.4	1.649	75.9	1.592	80.8	1.274	77.6
Midgrade	2.194	0.9	2.098	0.9	1.981	0.9	1.807	0.8	1.737	0.9	1.468	1.0
Premium	2.359	1.4	2.263	1.5	2.125	1.5	1.957	14.4	1.890	15.4	1.638	14.2
Aviation gasoline	W	W	W	W	W	W	2.614	0.3	2.462	0.4	2.122	0.3
Kerosene-type jet fuel	1.583	28.5	1.539	31.3	1.038	31.0	1.562	30.4	1.511	32.3	1.022	29.3
Propane (consumer grade)	0.773	5.7	0.666	6.4	0.377	8.6	0.788	38.5	0.703	41.2	0.460	45.5
Kerosene	W	W	W	W	W	W	1.761	1.4	1.685	1.9	1.183	1.6
No. 1 distillate	2.138	0.1	NA	NA	NA	NA	1.964	2.5	1.851	3.2	1.263	2.4
No. 2 distillate	1.751	12.5	1.721	12.0	1.201	12.2	1.629	143.3	1.597	155.4	1.012	142.8
No. 2 fuel oil	NA	NA	1.997	0.1	1.450	0.1	1.560	13.7	1.507	14.4	0.976	12.3
No. 2 diesel fuel	1.748	12.4	1.718	11.9	1.198	12.1	1.636	129.5	1.606	141.0	1.015	130.5
Ultra low sulfur	1.749	12.1	1.718	11.6	1.194	11.8	1.639	126.1	1.609	137.7	1.018	128.0
Low sulfur	W	W	W	W	W	W	W	W	W	W	W	W
High sulfur	W	W	W	W	W	W	W	W	W	W	W	W
No. 4 fuel[a]	W	W	-	-	W	W	W	W	W	W	0.739	0.2
Residential fuel oil	1.309	3.9	1.230	4.2	0.710	4.1	1.119	6.6	1.030	7.6	0.499	9.3
Sulfur content not > 1%	W	W	W	W	W	W	1.099	0.5	1.024	0.6	0.477	1.0
Sulfur content > 1%	1.249	W	1.206	W	0.641	W	1.121	6.2	1.031	7.0	0.502	8.3

NA = Not available.

- = No data reported.

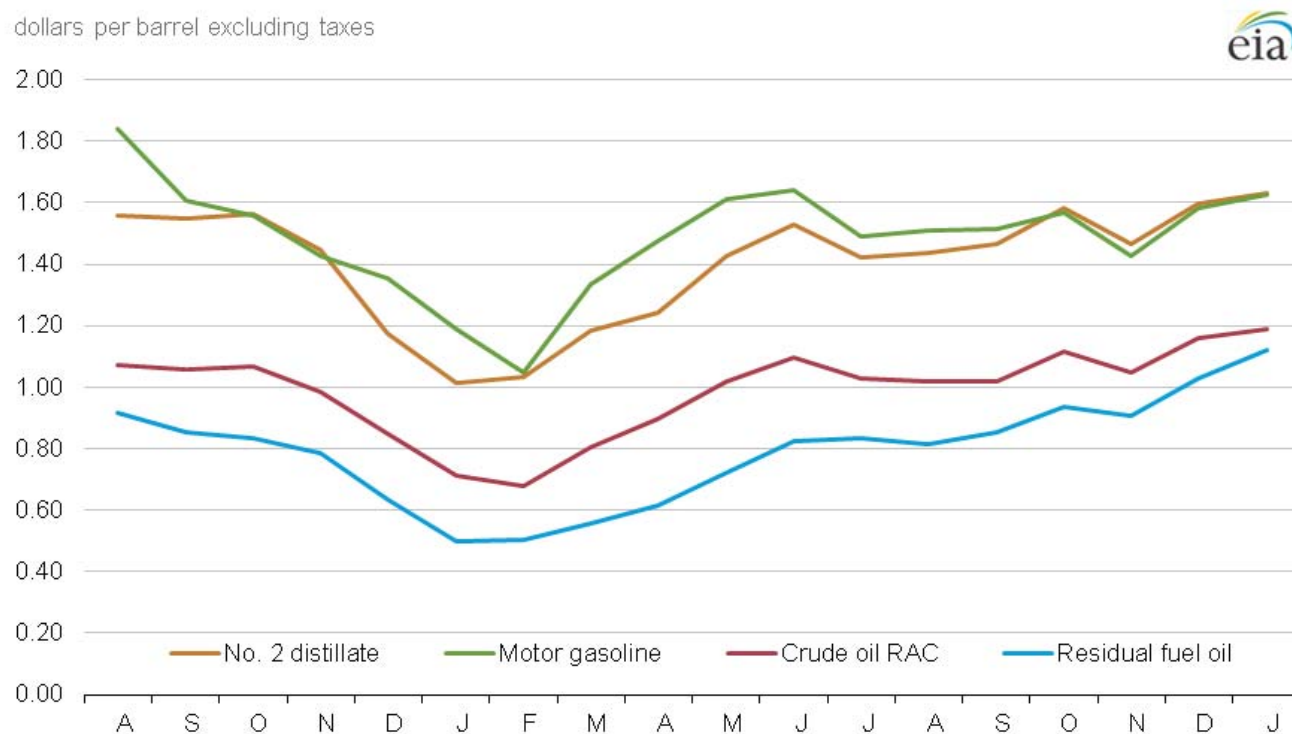
W = Withheld to avoid disclosure of individual company data.

[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 2013 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



August 2015 - January 2017

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

Note: RAC stands for refiner acquisition cost.

Summary Statistics

Table 1. Crude oil prices
dollars per barrel

Year month	Domestic first purchase prices	Average F.O.B. [a] cost of crude oil imports[b]	Average landed cost of crude oil imports[b]	Refiner acquisition cost of crude oil		
				Domestic	Imported	Composite
1997 average	17.23	16.94	18.11	19.61	18.53	19.04
1998 average	10.87	10.76	11.84	13.18	12.04	12.52
1999 average	15.56	16.47	17.23	17.90	17.26	17.51
2000 average	26.72	26.27	27.53	29.11	27.70	28.26
2001 average	21.84	20.46	21.82	24.33	22.00	22.95
2002 average	22.51	22.63	23.91	24.65	23.71	24.10
2003 average	27.56	25.86	27.69	29.82	27.71	28.53
2004 average	36.77	33.75	36.07	38.97	35.90	36.98
2005 average	50.28	47.60	49.29	52.94	48.86	50.24
2006 average	59.69	57.03	59.11	62.62	59.02	60.24
2007 average	66.52	66.36	67.97	69.65	67.04	67.94
2008 average	94.04	90.32	93.33	98.47	92.77	94.74
2009 average	56.35	57.78	60.23	59.49	59.17	59.29
2010 average	74.71	74.19	76.50	78.01	75.86	76.69
2011 average	95.73	101.66	102.92	100.71	102.63	101.87
2012 average	94.52	99.78	101.00	100.72	101.09	100.93
2013 average	95.99	96.56	96.99	102.91	98.11	100.49
2014 average	87.39	85.65	88.16	94.05	89.56	92.02
2015						
January	43.06	40.16	44.42	48.90	44.74	47.00
February	44.35	43.94	47.32	50.23	47.18	48.92
March	42.66	43.64	47.25	48.60	47.22	47.99
April	49.30	48.42	52.00	54.86	51.62	53.51
May	54.38	54.05	57.17	59.48	57.51	58.65
June	55.88	53.83	56.73	61.06	58.89	60.12
July	47.70	45.88	49.79	54.15	52.42	53.40
August	39.98	37.17	41.39	46.30	43.23	44.97
September	41.60	36.90	40.02	46.68	41.12	44.38
October	42.34	37.21	40.38	47.02	42.03	44.77
November	38.19	33.56	37.13	43.30	39.05	41.43
December	32.26	28.23	31.56	37.76	33.16	35.63
2015 average	44.39	41.91	45.38	49.94	46.38	48.39
2016						
January	27.02	23.56	27.34	32.17	27.48	29.99
February	25.51	24.68	26.97	30.30	26.61	28.53
March	31.87	29.73	31.99	35.31	32.21	33.82
April	35.59	32.76	35.42	39.30	35.90	37.71
May	41.02	38.32	40.73	44.77	40.88	42.88
June	43.96	41.92	43.55	47.57	44.13	45.96
July	40.70	38.76	41.03	44.88	41.48	43.26
August	40.46	38.27	40.40	44.18	41.21	42.70
September	40.54	38.28	40.76	44.47	40.86	42.73
October	45.00	42.36	43.99	48.66	44.76	46.85
November	41.65	R40.12	R42.59	46.10	41.80	44.06
December	47.12	R44.56	R46.33	R50.45	46.72	R48.66
2016 average	38.29	R36.38	R38.45	R42.41	38.75	40.66
2017						
January	48.19	44.74	46.53	R51.81	R48.12	R49.99
February [c]	NA	NA	NA	E52.77	E48.70	E51.02

NA = Not available.

E = Estimated data.

R = Revised data.

[a] Free on Board. See Glossary.

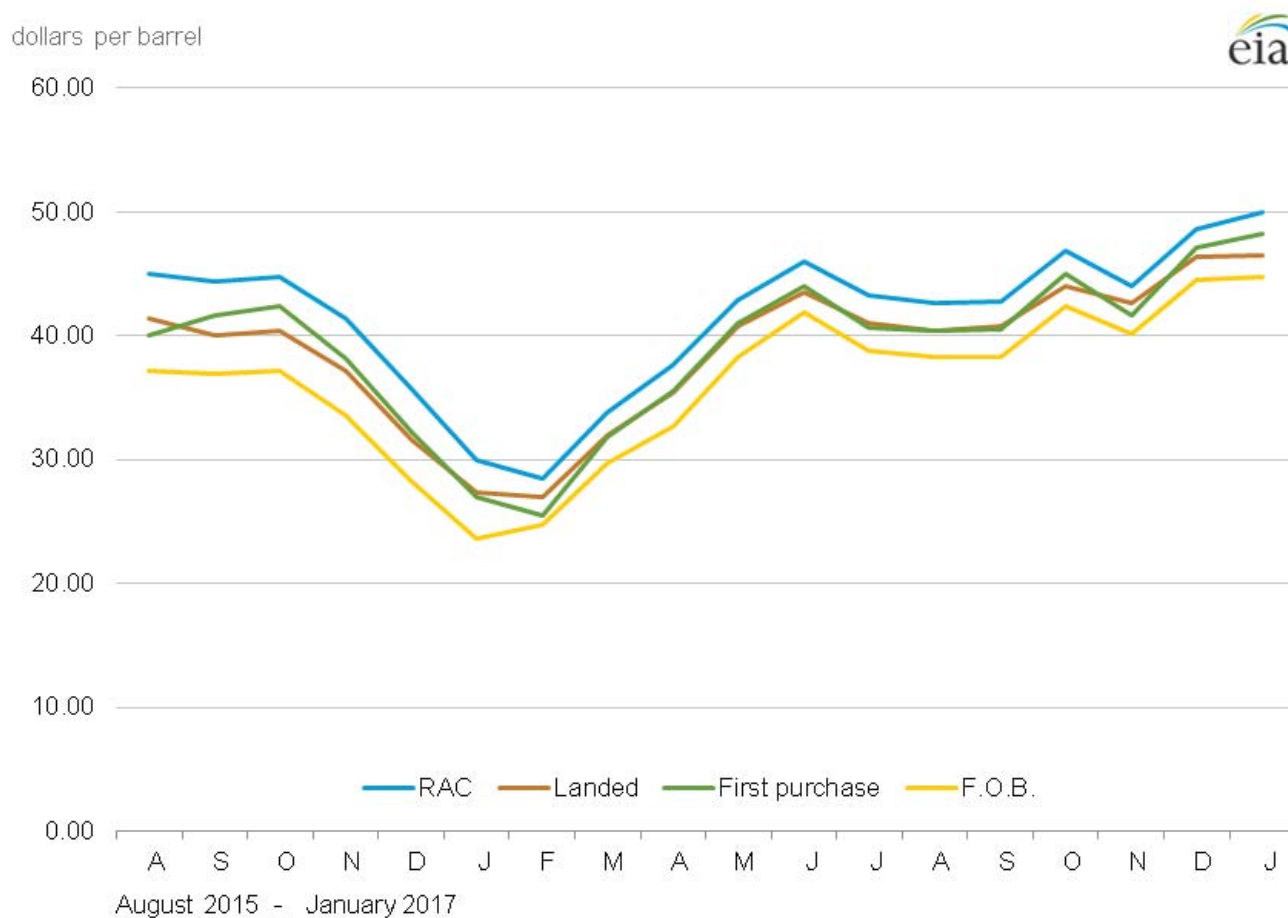
[b] Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section.

[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 2015 are final.

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

Figure 1. Crude oil prices



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

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

Year month	U.S.			PAD District 1			PAD District 2		
	Domestic	Imported	Composite	Domestic	Imported	Composite	Domestic	Imported	Composite
2004	38.97	35.90	36.98	40.75	38.29	38.34	40.80	35.63	38.38
2005	52.94	48.86	50.24	56.89	53.29	53.35	54.57	46.11	50.75
2006	62.62	59.02	60.24	66.92	63.53	63.60	63.66	55.19	59.70
2007	69.65	67.04	67.94	70.62	72.48	72.44	71.10	62.17	66.90
2008	98.47	92.77	94.74	100.30	96.90	96.97	100.98	88.45	94.93
2009	59.49	59.17	59.29	59.64	61.68	61.63	60.00	57.00	58.64
2010	78.01	75.86	76.69	75.90	80.03	79.91	78.85	72.24	75.92
2011	100.71	102.63	101.87	98.88	111.53	111.01	96.81	89.15	93.18
2012	100.72	101.09	100.93	104.45	112.27	111.50	95.04	83.90	89.44
2013	102.91	98.11	100.49	106.98	106.74	106.80	100.63	85.43	93.26
2014	94.05	89.56	92.02	96.95	96.51	96.70	93.08	81.66	87.51
2015									
January	48.90	44.74	47.00	52.45	50.72	51.64	48.86	41.14	44.51
February	50.23	47.18	48.92	53.37	51.94	52.67	49.56	42.32	45.88
March	48.60	47.22	47.99	51.93	51.95	51.94	47.30	41.44	44.47
April	54.86	51.62	53.51	58.93	55.18	57.13	52.79	46.13	49.74
May	59.48	57.51	58.65	62.95	59.39	61.11	58.11	52.92	55.68
June	61.06	58.89	60.12	63.62	60.58	61.83	59.76	56.42	58.24
July	54.15	52.42	53.40	54.90	57.54	56.49	52.90	50.43	51.73
August	46.30	43.23	44.97	46.69	49.04	48.17	44.94	39.14	42.15
September	46.68	41.12	44.38	47.77	45.58	46.66	46.43	35.66	41.47
October	47.02	42.03	44.77	49.84	44.26	46.53	47.11	38.97	43.48
November	43.30	39.05	41.43	45.46	44.13	44.64	43.78	36.25	40.16
December	37.76	33.16	35.63	39.41	39.07	39.19	37.92	30.62	34.29
2015	49.94	46.38	48.39	52.60	50.40	51.37	49.33	42.70	46.13
2016									
January	32.17	27.48	29.99	33.12	31.44	32.02	32.47	25.60	28.85
February	30.30	26.61	28.53	32.90	30.86	31.36	30.65	24.00	27.01
March	35.31	32.21	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	R50.45	46.72	R48.66	R54.67	50.46	R51.30	51.86	43.82	47.51
2016	R42.41	38.75	40.66	R44.58	42.54	R43.00	43.76	36.19	39.95
2017									
January	R51.81	R48.12	R49.99	55.35	52.87	53.34	52.83	44.53	48.26

See footnotes at end of table.

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

dollars per barrel

Year month	PAD District 3			PAD District 4			PAD District 5		
	Domestic	Imported	Composite	Domestic	Imported	Composite	Domestic	Imported	Composite
2004	39.28	34.79	35.87	39.98	35.93	37.81	36.81	38.20	37.30
2005	53.17	47.77	48.99	53.50	48.54	50.89	50.61	50.77	50.67
2006	63.17	58.34	59.54	60.80	56.17	58.45	60.90	61.44	61.15
2007	70.58	66.34	67.48	65.79	60.81	63.43	67.47	69.42	68.34
2008	100.39	91.86	94.11	91.49	88.56	90.12	94.53	96.30	95.35
2009	60.61	59.21	59.64	56.30	56.53	56.39	57.79	60.07	58.78
2010	78.73	75.67	76.65	73.56	70.77	72.37	76.56	78.23	77.34
2011	103.24	104.78	104.24	89.34	84.87	87.61	103.83	105.68	104.73
2012	104.32	105.18	104.83	86.83	80.80	84.63	103.03	106.43	104.69
2013	104.64	101.42	103.02	88.96	80.75	85.21	103.82	105.12	104.40
2014	94.67	90.84	93.06	84.63	78.73	81.93	94.45	96.13	95.22
2015									
January	49.11	45.46	47.62	41.14	36.20	38.77	48.61	49.03	48.80
February	50.01	48.09	49.24	45.05	39.66	42.52	51.99	52.78	52.31
March	49.02	48.33	48.74	42.43	38.15	40.32	49.09	52.78	50.77
April	55.40	52.56	54.30	47.72	44.57	46.25	55.81	57.47	56.53
May	59.46	58.41	59.07	54.42	50.62	52.61	61.54	62.65	62.07
June	61.68	58.84	60.58	54.68	55.25	54.94	61.35	62.34	61.83
July	54.86	51.58	53.67	48.76	48.19	48.48	54.37	55.50	54.95
August	47.15	42.87	45.65	40.16	35.58	37.87	46.08	47.52	46.85
September	46.71	41.31	44.82	42.08	32.48	37.12	47.67	47.09	47.37
October	46.86	41.33	44.65	43.98	37.26	40.39	47.30	46.74	47.01
November	43.14	38.25	41.31	40.49	34.01	37.16	43.28	43.29	43.28
December	37.94	32.18	35.54	34.68	28.70	31.54	37.06	37.35	37.20
2015	50.16	46.49	48.75	44.77	39.73	42.28	50.30	50.91	50.59
2016									
January	32.48	26.96	30.31	29.77	23.46	26.50	30.82	30.56	30.69
February	30.23	26.16	28.53	28.49	20.75	24.75	30.09	30.80	30.43
March	34.37	31.61	33.17	36.04	27.85	32.35	36.59	36.03	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	42.09	42.22	42.16
2017									
January	51.15	48.10	49.85	50.68	41.66	46.38	52.87	52.35	52.61

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 2015 are final.

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

Table 2. U.S. refiner prices of petroleum products to end users
dollars per gallon excluding taxes

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 2 distillate					Residual fuel oil
						No. 1 distillate	No. 2 diesel fuel	No. 2 fuel oil	Average	No. 4 fuel[a]	
1985	0.912	1.201	0.796	0.717	1.030	0.880	0.789	0.849	0.799	0.773	0.610
1986	0.624	1.011	0.529	0.745	0.790	0.620	0.478	0.560	0.491	0.489	0.343
1987	0.669	0.907	0.543	0.701	0.770	0.604	0.551	0.581	0.556	0.513	0.423
1988	0.673	0.891	0.513	0.714	0.738	0.564	0.500	0.544	0.507	0.461	0.334
1989	0.756	0.995	0.592	0.615	0.709	0.661	0.585	0.587	0.585	0.512	0.385
1990	0.883	1.120	0.766	0.745	0.923	0.819	0.725	0.734	0.726	0.622	0.444
1991	0.797	1.047	0.652	0.730	0.838	0.740	0.648	0.665	0.650	0.580	0.340
1992	0.787	1.027	0.610	0.643	0.788	0.666	0.619	0.627	0.620	0.526	0.336
1993	0.759	0.990	0.580	0.673	0.754	0.666	0.602	0.602	0.602	0.501	0.337
1994	0.738	0.957	0.534	0.530	0.660	0.640	0.554	0.572	0.556	0.501	0.352
1995	0.765	1.005	0.540	0.492	0.589	0.620	0.560	0.562	0.560	0.505	0.392
1996	0.847	1.116	0.651	0.605	0.740	0.726	0.681	0.673	0.680	0.603	0.455
1997	0.839	1.128	0.613	0.552	0.745	0.689	0.642	0.636	0.642	0.565	0.423
1998	0.673	0.975	0.452	0.405	0.501	0.551	0.494	0.482	0.492	0.428	0.305
1999	0.781	1.059	0.543	0.458	0.605	0.621	0.584	0.558	0.580	0.474	0.374
2000	1.106	1.306	0.899	0.603	1.123	0.988	0.935	0.927	0.934	0.769	0.602
2001	1.032	1.323	0.775	0.506	1.045	0.902	0.842	0.829	0.840	0.679	0.531
2002	0.947	1.288	0.721	0.419	0.990	0.828	0.762	0.737	0.759	0.657	0.569
2003	1.156	1.493	0.872	0.577	1.224	1.017	0.944	0.933	0.942	0.856	0.698
2004	1.435	1.819	1.207	0.839	1.160	1.262	1.243	1.173	1.235	1.017	0.739
2005	1.829	2.231	1.735	1.089	1.957	1.832	1.786	1.705	1.777	W	1.048
2006	2.128	2.682	1.998	1.358	2.244	2.137	2.096	1.982	2.091	W	1.218
2007	2.345	2.849	2.165	1.489	2.263	2.286	2.267	2.241	2.266	W	1.374
2008	2.775	3.273	3.052	1.892	3.283	2.983	3.150	2.986	3.143	W	1.964
2009	1.888	2.442	1.704	1.220	2.675	2.141	1.834	1.962	1.840	W	1.341
2010	2.301	3.028	2.201	1.481	3.063	2.705	2.314	2.462	2.318	W	1.713
2011	3.050	3.803	3.054	1.709	3.616	3.467	3.117	3.193	3.119	W	2.401
2012	3.154	3.971	3.104	1.139	3.843	3.580	3.202	3.358	3.206	W	2.592
2013	3.049	3.932	2.979	1.028	3.842	3.483	3.122	3.335	3.126	W	2.482
2014	2.855	3.986	2.772	1.097	W	3.117	2.923	3.329	2.924	W	2.325
2015											
January	1.673	W	1.633	0.566	W	1.925	1.819	NA	1.823	-	1.264
February	1.858	W	1.747	0.671	W	2.027	1.979	2.204	1.981	-	1.376
March	2.054	W	1.766	0.619	W	NA	1.962	2.141	1.963	-	1.465
April	2.058	W	1.739	0.575	W	W	1.939	NA	1.941	W	1.516
May	2.322	W	1.979	0.465	W	W	2.090	2.308	2.092	W	1.543
June	2.374	W	1.855	0.393	W	W	2.021	2.321	2.022	W	1.549
July	2.338	W	1.694	0.405	W	W	1.913	2.207	1.914	W	1.363
August	2.218	W	1.516	0.387	W	W	1.737	2.046	1.739	W	1.207
September	1.920	W	1.465	0.468	2.996	W	1.693	1.949	1.694	W	1.107
October	1.849	W	1.473	0.479	W	1.774	1.702	NA	1.703	-	1.094
November	1.711	W	1.424	0.447	W	NA	1.603	1.814	1.606	-	1.043
December	1.604	W	1.232	0.422	W	NA	1.365	1.695	1.368	-	0.919
2015	2.003	W	1.629	0.481	W	1.822	1.819	2.016	1.821	W	1.285
2016											
January	1.505	W	1.038	0.377	W	NA	1.198	1.450	1.201	W	0.710
February	1.332	W	1.032	0.409	W	NA	1.185	1.407	1.187	-	0.632
March	1.552	W	1.133	0.481	W	1.610	1.317	1.555	1.318	-	0.693
April	1.725	W	1.187	0.472	W	1.706	1.386	1.631	1.388	W	0.782
May	1.869	W	1.342	0.533	W	W	1.555	1.733	1.555	-	0.922
June	1.961	W	1.464	0.514	W	2.041	1.661	1.861	1.662	W	0.983
July	1.804	W	1.393	0.491	W	1.911	1.577	1.814	1.578	W	1.030
August	1.754	W	1.330	0.460	W	1.890	1.577	NA	1.578	W	0.990
September	1.788	W	1.394	0.507	W	1.977	1.601	1.805	1.602	W	1.076
October	1.819	W	1.506	0.599	W	2.048	1.706	1.941	1.708	W	1.115
November	1.759	W	1.426	0.557	W	2.050	1.599	1.787	1.601	-	1.106
December	R1.849	W	R1.539	0.666	W	NA	R1.718	1.997	R1.721	-	R1.230
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	1.583	0.773	W	2.138	1.748	NA	1.751	W	1.309

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

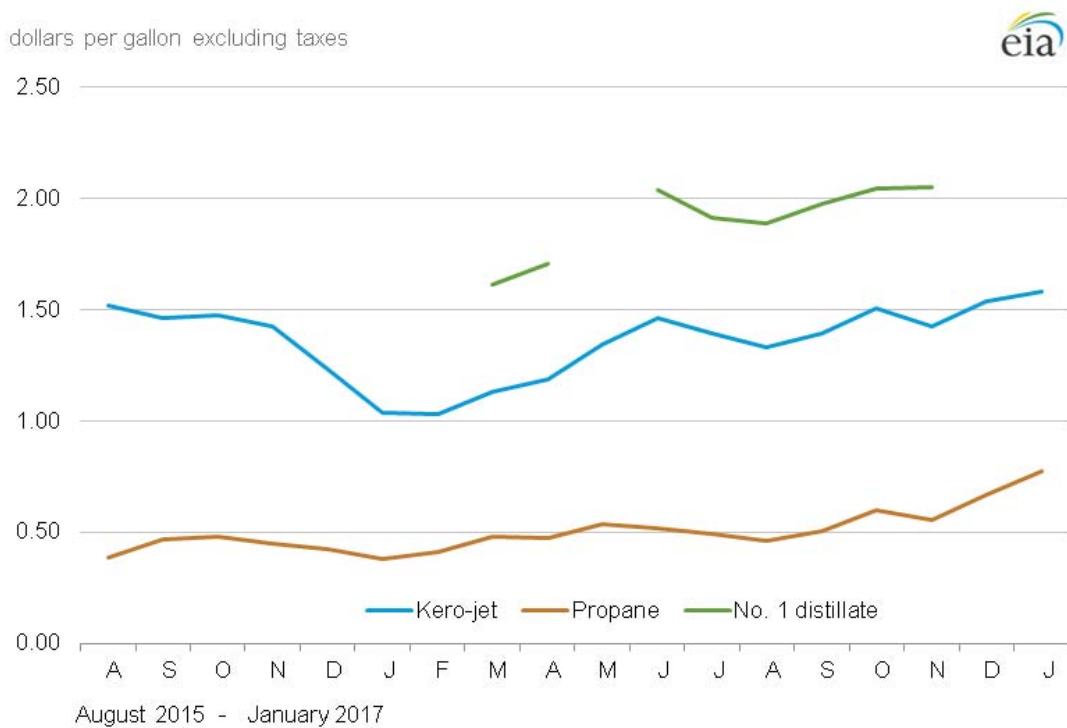
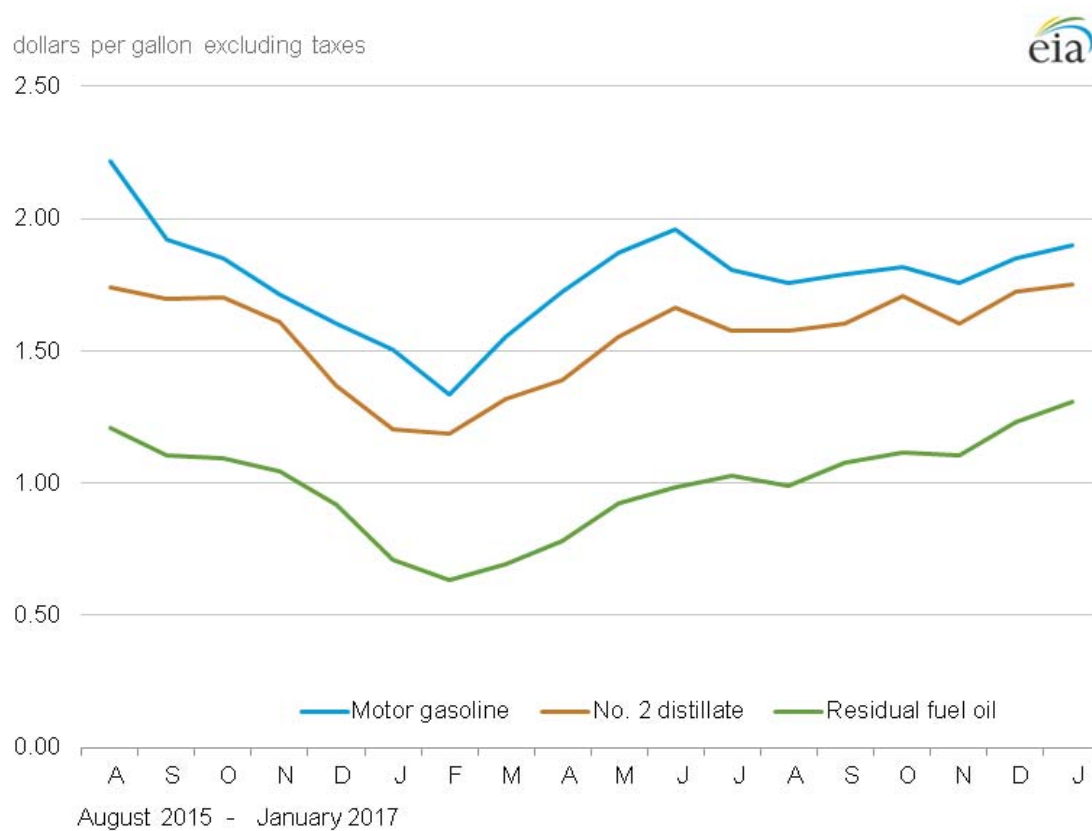
R = Revised data.

[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 2015 are final.

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

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



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

Table 3. U.S. refiner volumes of petroleum products to end users
million gallons per day

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 2 distillate					Residual fuel oil
						No. 1 distillate	No. 2 diesel fuel	No. 2 fuel oil	Average	No. 4 fuel[a]	
1985	57.5	0.3	34.6	3.7	0.3	0.5	25.0	5.0	29.9	0.5	25.2
1986	61.2	0.3	35.1	3.4	0.3	0.4	24.4	4.4	28.8	0.7	31.6
1987	61.0	0.2	36.8	3.8	0.3	0.4	24.1	4.5	28.5	0.8	29.0
1988	61.0	0.2	38.2	4.3	0.3	0.4	24.5	4.6	29.1	1.1	30.2
1989	61.2	0.2	40.1	2.8	0.3	0.5	24.3	4.5	28.8	0.9	30.4
1990	60.3	0.2	39.9	2.7	0.2	0.5	22.2	3.6	25.9	0.8	25.9
1991	61.2	0.2	38.5	3.1	0.2	0.5	21.1	3.2	24.4	0.7	24.0
1992	59.0	0.2	39.8	3.8	0.2	0.5	21.5	3.1	24.6	0.6	22.4
1993	57.2	0.2	41.7	3.5	0.2	0.4	20.8	2.9	23.8	0.6	17.2
1994	55.0	0.2	45.2	2.2	0.4	0.4	21.3	3.4	24.6	0.8	13.5
1995	55.9	0.2	45.7	3.2	0.6	0.3	21.6	3.3	24.9	0.5	11.6
1996	57.5	0.2	48.7	3.1	0.4	0.3	21.9	3.1	25.0	0.4	12.9
1997	61.1	0.2	49.7	3.2	0.3	0.4	22.0	3.0	25.0	0.3	13.4
1998	63.3	0.2	48.9	3.1	0.4	0.4	21.1	3.2	24.3	0.3	14.4
1999	62.0	0.1	47.0	3.6	0.2	0.3	21.1	3.0	24.1	0.3	13.9
2000	60.9	0.2	49.3	2.9	0.2	0.3	22.6	2.8	25.4	0.3	13.1
2001	62.0	0.1	49.7	3.6	0.2	0.3	22.9	3.0	26.0	0.4	14.8
2002	63.6	0.1	49.1	2.6	0.1	0.3	19.6	3.0	22.6	0.4	10.4
2003	63.8	0.1	44.0	2.5	0.1	0.3	16.7	2.7	19.5	0.3	10.7
2004	58.4	0.1	46.4	2.7	0.5	0.2	16.9	2.4	19.3	0.3	10.2
2005	59.0	0.1	45.2	3.2	0.1	0.3	17.0	2.1	19.1	W	10.4
2006	60.0	0.1	42.1	2.7	0.1	0.2	24.2	1.2	25.4	W	10.4
2007	57.7	0.1	40.1	3.3	0.1	0.2	23.6	0.8	24.3	W	10.9
2008	55.1	0.1	39.9	2.7	NA	0.1	19.9	0.9	20.8	W	8.4
2009	49.8	0.2	38.0	3.7	NA	0.1	16.9	0.9	17.8	W	8.5
2010	44.7	0.1	34.8	3.9	0.0	0.1	15.3	0.4	15.8	W	7.6
2011	39.0	0.1	33.3	4.5	0.0	0.1	13.4	0.4	13.8	W	6.4
2012	29.7	0.1	32.5	5.6	0.0	0.1	12.2	0.3	12.5	W	5.5
2013	24.7	0.0	31.4	5.3	0.0	0.1	11.5	0.2	11.7	W	5.2
2014	21.6	0.0	31.3	4.9	W	0.1	11.9	0.1	11.9	W	4.6
2015											
January	24.2	W	30.9	5.3	W	0.2	12.8	0.1	13.0	-	3.6
February	24.6	W	32.4	5.6	W	0.2	13.0	0.1	13.1	-	3.7
March	24.8	W	31.3	4.3	W	NA	12.9	0.1	13.0	-	3.5
April	25.4	W	33.4	4.3	W	W	12.5	0.1	12.6	W	4.6
May	25.9	W	34.9	6.4	W	W	11.7	0.1	11.8	W	3.9
June	26.0	W	36.1	5.8	W	W	13.1	0.0	13.1	W	4.6
July	26.3	W	36.1	6.3	W	W	12.8	0.0	12.8	W	3.6
August	26.0	W	34.8	7.8	W	W	12.9	0.1	13.0	W	4.3
September	25.7	W	33.2	5.2	0.0	W	13.3	0.1	13.4	W	4.5
October	25.9	W	32.6	4.2	W	0.1	12.6	0.2	12.7	-	3.7
November	25.2	W	32.5	5.9	W	NA	12.4	0.1	12.5	-	4.4
December	25.3	W	33.0	5.7	W	NA	11.7	0.1	11.8	-	4.0
2015	25.5	W	33.4	5.6	W	0.1	12.6	0.1	12.7	W	4.0
2016											
January	24.4	W	31.0	8.6	W	NA	12.1	0.1	12.2	W	4.1
February	25.2	W	28.5	7.4	W	NA	12.6	0.1	12.8	-	3.9
March	25.2	W	30.8	6.1	W	0.1	12.2	0.1	12.3	-	4.1
April	25.9	W	30.6	5.8	W	0.1	12.1	0.1	12.1	W	4.2
May	26.0	W	30.9	5.5	W	W	12.5	0.1	12.5	-	3.9
June	26.7	W	32.7	6.0	W	0.0	12.5	0.1	12.6	W	3.8
July	26.3	W	32.1	4.2	W	0.0	12.6	0.0	12.6	W	4.3
August	26.5	W	32.7	6.9	W	0.0	13.6	0.1	13.7	W	4.4
September	26.4	W	32.2	6.3	W	0.0	13.2	0.1	13.3	W	4.7
October	25.9	W	30.2	5.0	W	0.1	13.1	0.1	13.2	W	4.4
November	24.6	W	31.6	5.3	W	0.1	13.2	0.2	13.3	-	4.0
December	24.1	W	R31.3	6.4	W	NA	11.9	0.1	12.0	-	R4.2
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	28.5	5.7	W	0.1	12.4	NA	12.5	W	3.9

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

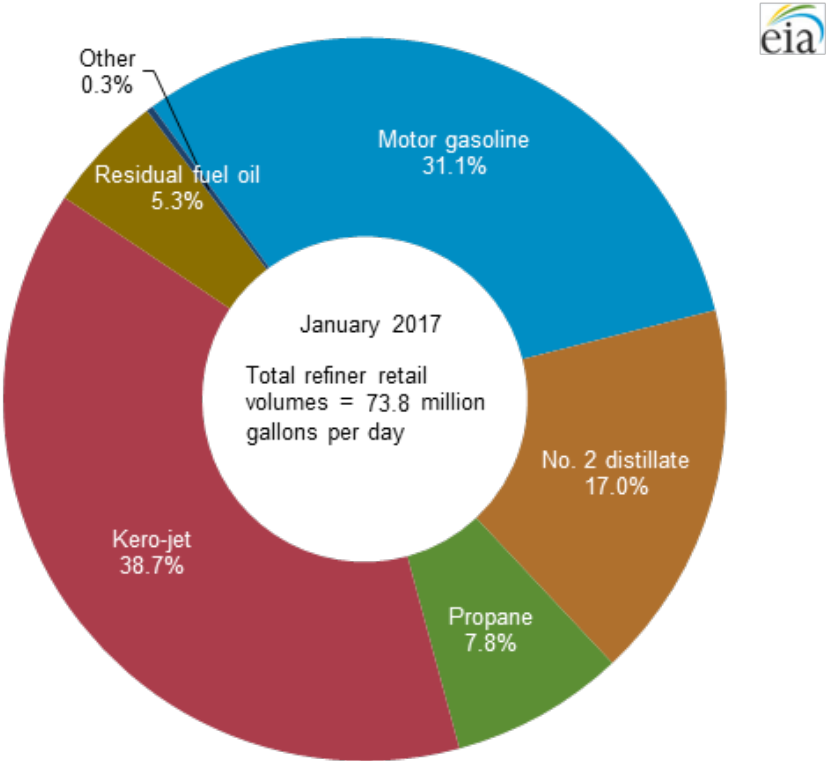
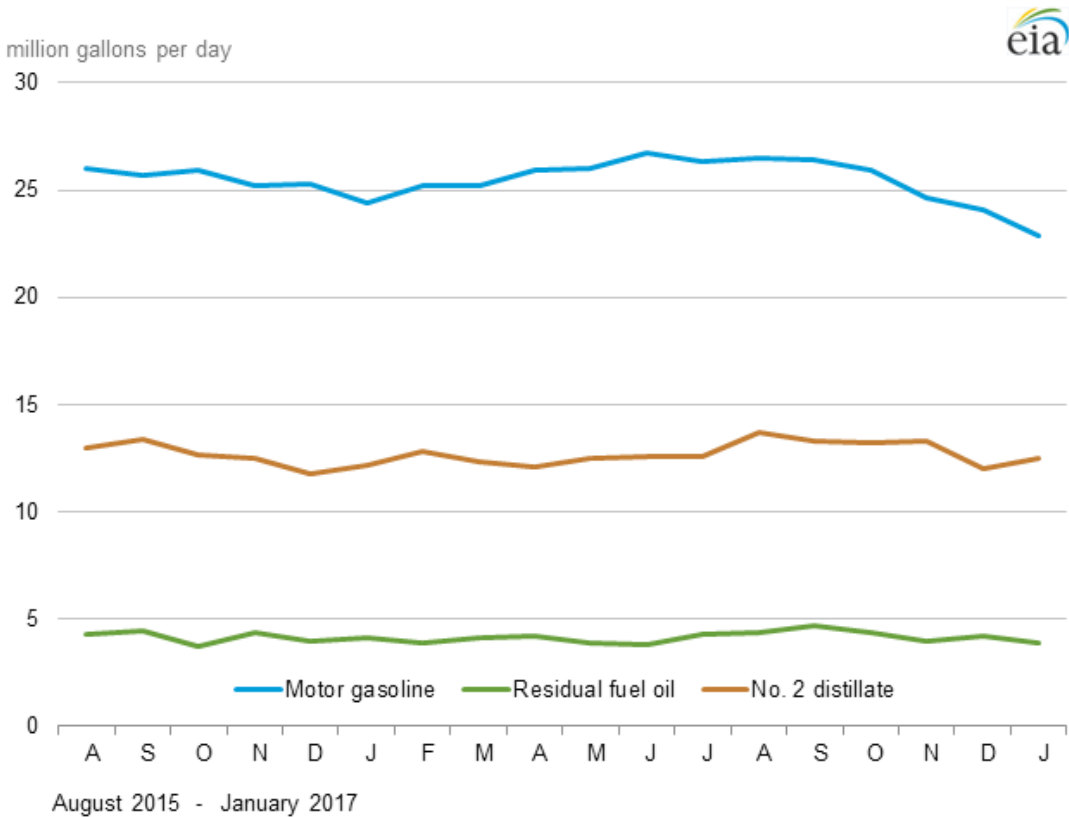
R = Revised data.

[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 2015 are final. Totals may not equal the sum of the components due to rounding.

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

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



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

Table 4. U.S. refiner prices of petroleum products for resale
dollars per gallon excluding taxes

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 2 distillate					Residual fuel oil
						No. 1 distillate	No. 2 diesel fuel	No. 2 fuel oil	Average	No. 4 fuel[a]	
1985	0.835	1.130	0.794	0.398	0.874	0.863	0.772	0.776	0.774	0.672	0.577
1986	0.531	0.912	0.495	0.290	0.606	0.579	0.452	0.486	0.470	0.409	0.305
1987	0.589	0.859	0.538	0.252	0.592	0.599	0.534	0.527	0.531	0.462	0.385
1988	0.577	0.850	0.495	0.240	0.549	0.549	0.473	0.473	0.473	0.425	0.300
1989	0.654	0.950	0.583	0.247	0.669	0.668	0.567	0.565	0.566	0.480	0.360
1990	0.786	1.063	0.773	0.386	0.839	0.838	0.694	0.697	0.695	0.590	0.413
1991	0.699	1.001	0.650	0.349	0.723	0.730	0.615	0.622	0.618	0.556	0.314
1992	0.677	0.991	0.605	0.328	0.632	0.652	0.591	0.579	0.585	0.495	0.308
1993	0.626	0.965	0.577	0.351	0.604	0.646	0.570	0.544	0.559	0.488	0.293
1994	0.599	0.933	0.534	0.324	0.618	0.615	0.529	0.506	0.522	0.462	0.317
1995	0.626	0.975	0.539	0.344	0.580	0.625	0.538	0.511	0.530	0.463	0.363
1996	0.713	1.055	0.646	0.461	0.714	0.751	0.659	0.639	0.653	0.603	0.420
1997	0.700	1.065	0.613	0.416	0.653	0.723	0.606	0.590	0.602	0.551	0.387
1998	0.526	0.912	0.450	0.288	0.465	0.513	0.444	0.422	0.439	0.383	0.280
1999	0.645	1.007	0.533	0.342	0.550	0.634	0.546	0.493	0.536	0.430	0.354
2000	0.963	1.330	0.880	0.595	0.969	1.019	0.898	0.886	0.896	0.778	0.566
2001	0.886	1.256	0.763	0.540	0.821	0.883	0.784	0.756	0.779	0.697	0.476
2002	0.828	1.146	0.716	0.431	0.752	0.805	0.724	0.694	0.718	0.663	0.530
2003	1.002	1.288	0.871	0.607	0.955	1.033	0.883	0.881	0.882	0.793	0.661
2004	1.288	1.627	1.208	0.751	1.271	1.289	1.187	1.125	1.178	1.033	0.681
2005	1.670	2.076	1.723	0.933	1.757	1.801	1.737	1.623	1.720	1.377	0.971
2006	1.969	2.490	1.961	1.031	2.007	2.044	2.012	1.834	1.991	1.395	1.136
2007	2.182	2.758	2.171	1.194	2.249	2.430	2.203	2.072	2.190	1.551	1.350
2008	2.586	3.342	3.020	1.437	2.851	2.712	2.994	2.745	2.970	2.157	1.866
2009	1.767	2.480	1.719	0.921	1.844	2.050	1.713	1.657	1.707	1.561	1.342
2010	2.165	2.874	2.185	1.212	2.299	2.573	2.214	2.147	2.208	W	1.697
2011	2.867	3.739	3.014	1.467	3.065	3.223	3.034	2.907	3.025	2.801	2.336
2012	2.929	3.919	3.080	1.033	3.163	3.349	3.109	3.031	3.103	W	2.457
2013	2.812	3.869	2.953	1.048	3.084	3.340	3.028	2.966	3.025	2.767	2.278
2014	2.618	3.687	2.763	1.165	2.882	3.213	2.812	2.741	2.809	2.333	2.044
2015											
January	1.366	2.324	1.612	0.713	1.900	1.979	1.616	1.669	1.620	1.150	1.023
February	1.637	2.529	1.722	0.748	2.233	2.161	1.861	1.850	1.860	1.355	1.126
March	1.770	2.801	1.731	0.689	2.098	2.246	1.815	1.847	1.817	1.337	1.126
April	1.835	2.827	1.709	0.566	1.800	2.276	1.805	1.740	1.803	1.403	1.114
May	2.080	3.050	1.933	0.475	1.929	2.429	1.973	1.852	1.969	1.460	1.234
June	2.121	3.259	1.813	0.404	1.871	2.359	1.881	1.813	1.880	1.498	1.233
July	2.072	3.217	1.655	0.405	1.701	2.195	1.729	1.654	1.728	1.380	1.122
August	1.838	2.980	1.479	0.402	1.494	2.005	1.562	1.461	1.559	1.133	0.918
September	1.609	2.586	1.443	0.469	1.509	1.902	1.551	1.438	1.549	1.123	0.852
October	1.558	2.475	1.451	0.524	1.555	1.896	1.572	1.411	1.563	W	0.836
November	1.426	2.385	1.400	0.505	1.554	1.836	1.456	1.356	1.449	W	0.787
December	1.356	2.252	1.207	0.499	1.275	1.516	1.176	1.126	1.173	0.953	0.633
2015	1.726	2.764	1.592	0.555	1.735	1.957	1.667	1.565	1.663	1.215	0.996
2016											
January	1.187	2.122	1.022	0.460	1.183	1.263	1.015	0.976	1.012	0.739	0.499
February	1.046	1.908	1.017	0.470	1.155	1.278	1.043	0.948	1.035	W	0.504
March	1.335	2.230	1.100	0.497	1.208	1.413	1.189	1.070	1.182	0.861	0.558
April	1.476	2.457	1.155	0.458	1.193	1.491	1.251	1.113	1.244	0.957	0.616
May	1.613	2.528	1.311	0.511	1.327	1.736	1.432	1.291	1.426	1.046	0.723
June	1.643	2.591	1.428	0.497	1.445	1.864	1.531	1.404	1.527	1.136	0.825
July	1.490	2.505	1.354	0.476	1.297	1.749	1.426	1.305	1.421	W	0.835
August	1.508	2.405	1.313	0.453	1.408	1.759	1.440	1.307	1.437	W	0.815
September	1.514	2.506	1.366	0.494	1.402	1.743	1.471	1.341	1.466	W	0.854
October	1.568	2.551	1.471	0.608	1.580	1.842	1.592	1.443	1.584	W	0.938
November	1.427	2.433	1.406	0.588	1.485	1.672	1.469	1.386	1.464	W	0.908
December	1.585	2.462	R1.511	0.703	1.685	1.851	R1.606	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	1.628	2.614	1.562	0.788	1.761	1.964	1.636	1.560	1.629	W	1.119

W = Withheld to avoid disclosure of individual company data.

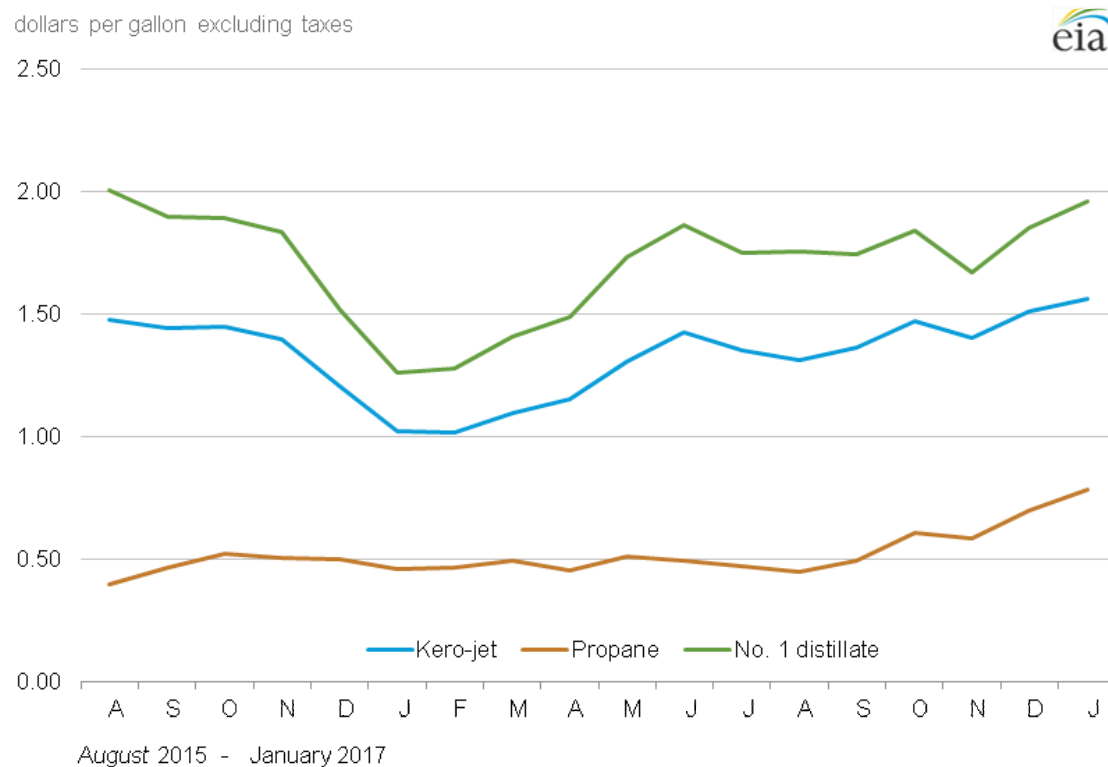
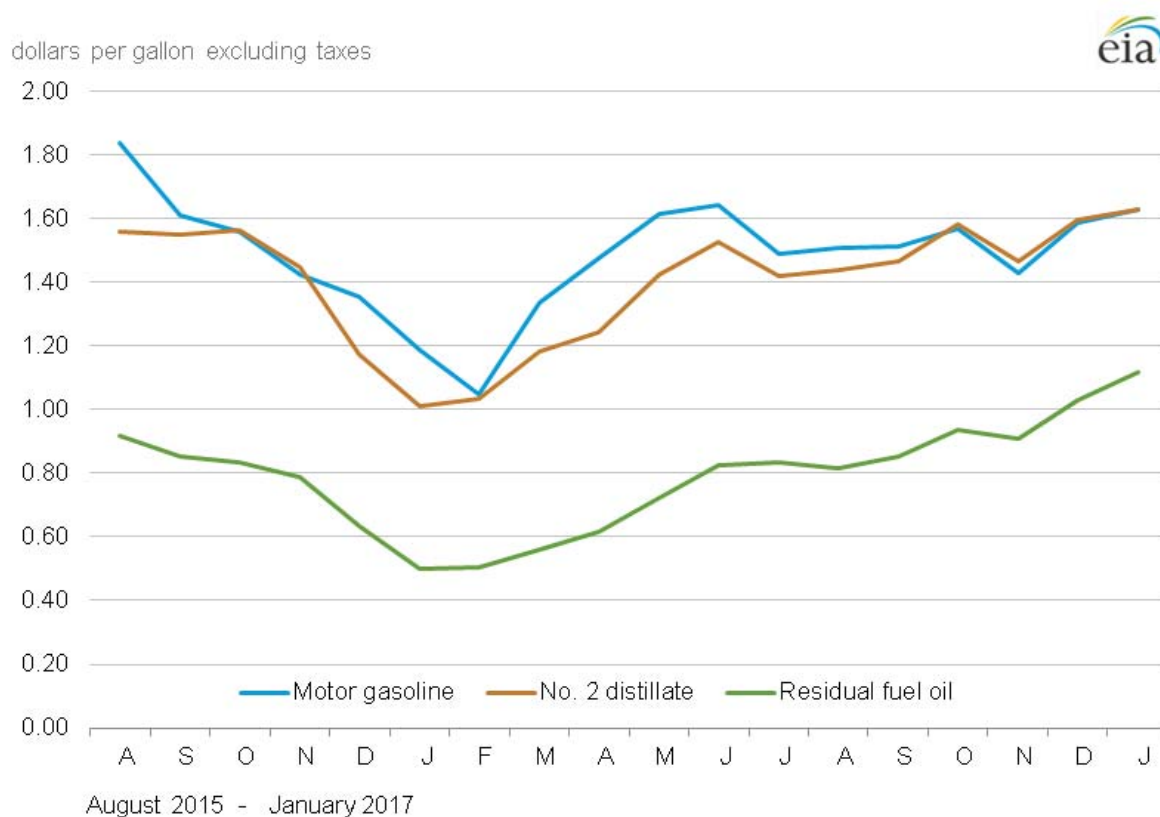
R = Revised data.

[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 2015 are final.

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

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



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

Table 5. U.S. refiner volumes of petroleum sales for resale
million gallons per day

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 1 distillate	No. 2 distillate				Residual fuel oil
							No. 2 diesel fuel	No. 2 fuel oil	Average	No. 4 fuel[a]	
1985	256.9	0.7	7.6	29.2	2.4	2.7	43.3	53.9	97.3	1.2	19.9
1986	257.2	0.7	9.2	26.3	2.4	2.5	46.4	53.8	100.3	1.2	18.6
1987	257.2	0.8	10.1	27.0	2.3	2.0	44.3	49.3	93.6	1.5	16.9
1988	263.7	0.7	10.0	27.7	2.7	2.6	47.8	50.1	97.9	1.2	18.9
1989	260.7	0.7	8.6	25.9	2.7	2.7	50.7	46.7	97.5	1.2	21.0
1990	264.8	0.7	8.8	25.5	2.2	2.4	51.9	45.9	97.8	0.8	17.9
1991	261.3	0.7	8.7	25.4	2.1	2.4	51.5	46.9	98.3	0.4	17.8
1992	265.4	0.7	8.0	26.7	2.2	2.3	50.8	48.9	99.7	0.4	15.2
1993	266.9	0.6	8.3	27.9	2.3	2.3	58.0	43.6	101.7	0.4	12.6
1994	276.7	0.7	9.1	28.4	2.5	1.9	72.4	32.9	105.3	0.4	12.8
1995	288.8	0.6	9.9	30.6	2.4	1.7	75.9	31.0	106.9	0.3	13.6
1996	293.6	0.6	11.5	32.9	2.7	1.8	83.7	33.1	116.8	0.3	13.8
1997	292.7	0.6	11.3	32.2	2.5	1.6	88.7	31.2	119.9	0.2	11.5
1998	300.4	0.6	12.2	32.7	2.2	1.4	91.9	27.3	119.2	0.1	15.4
1999	306.9	0.7	15.2	33.6	2.4	1.7	95.5	24.3	119.9	0.2	11.5
2000	304.4	0.6	15.7	34.8	2.3	1.5	98.8	23.3	122.1	0.2	10.5
2001	305.2	0.6	14.3	35.0	2.2	1.4	101.3	25.2	126.4	0.1	10.3
2002	311.8	0.6	12.1	32.9	2.0	1.3	100.8	23.6	124.4	0.1	8.8
2003	311.6	0.5	12.2	36.5	2.3	1.2	108.9	20.9	129.8	0.1	6.7
2004	316.4	0.6	12.7	40.3	2.1	1.3	116.5	19.6	136.1	NA	5.9
2005	321.8	0.5	15.2	35.1	2.0	1.4	118.7	20.6	139.3	NA	4.7
2006	315.6	0.5	15.2	39.4	1.4	1.3	123.2	16.7	139.9	0.3	6.5
2007	319.8	0.5	16.6	41.7	1.4	0.9	135.3	14.5	149.8	0.3	8.2
2008	306.4	0.4	16.5	34.2	1.0	1.0	138.7	14.9	153.6	0.2	9.5
2009	307.4	0.4	15.2	31.8	1.3	1.0	128.0	15.1	143.1	0.1	9.8
2010	312.0	0.4	20.3	28.3	1.4	0.9	135.5	11.5	147.0	W	10.7
2011	296.3	0.4	23.0	28.6	1.2	1.0	134.6	10.7	145.3	0.1	12.2
2012	294.7	0.4	23.5	27.6	1.2	0.8	136.9	10.7	147.6	W	8.8
2013	291.0	0.4	26.4	34.9	1.3	1.0	142.9	7.7	150.6	0.1	9.0
2014	289.2	0.4	27.5	32.9	1.4	1.4	146.3	7.0	153.3	0.1	8.0
2015											
January	281.3	0.3	26.0	45.6	2.0	3.2	141.1	10.9	152.0	0.2	6.5
February	292.0	0.4	26.9	46.6	1.3	3.0	142.6	10.4	153.0	0.1	7.7
March	292.8	0.4	28.4	33.4	0.8	1.1	142.8	7.4	150.2	0.1	7.8
April	302.2	0.5	29.5	29.4	0.8	0.4	150.3	4.6	154.9	0.2	7.6
May	300.0	0.4	27.3	25.0	0.7	0.2	143.9	4.5	148.3	0.1	8.0
June	305.0	0.4	29.8	25.1	1.5	0.2	155.8	2.7	158.5	0.1	8.9
July	305.1	0.6	29.4	23.2	1.3	0.2	151.2	3.0	154.3	0.2	8.3
August	304.1	0.5	29.1	25.9	1.6	0.2	148.6	3.7	152.4	0.1	9.1
September	303.7	0.5	30.0	32.1	1.1	0.5	152.5	3.7	156.2	0.1	8.1
October	299.8	0.6	27.0	28.5	1.1	1.1	149.9	9.0	158.9	W	8.2
November	298.2	0.3	29.6	30.7	1.0	2.0	139.3	10.0	149.3	W	8.0
December	299.9	0.3	30.3	34.8	1.3	2.2	140.0	10.6	150.6	0.1	8.9
2015	298.7	0.4	28.6	31.6	1.2	1.2	146.5	6.7	153.2	0.2	8.1
2016											
January	285.3	0.3	29.3	45.5	1.6	2.4	130.5	12.3	142.8	0.2	9.3
February	295.0	0.4	28.6	43.8	1.5	1.7	132.9	12.8	145.7	W	9.3
March	303.8	0.4	28.5	29.1	0.6	0.7	137.7	8.5	146.2	0.2	9.2
April	302.5	0.6	28.2	26.1	0.8	0.3	137.4	7.7	145.1	0.2	9.0
May	305.8	0.4	29.7	27.4	0.9	0.1	137.5	6.8	144.3	0.1	9.9
June	314.9	0.5	30.9	25.5	0.7	0.1	138.6	4.8	143.4	0.1	8.9
July	315.9	0.5	31.2	24.1	0.9	0.1	131.3	4.9	136.3	W	7.6
August	314.8	0.6	31.8	29.2	1.5	0.2	142.3	3.8	146.1	W	8.1
September	307.8	0.4	32.0	28.4	1.0	0.5	142.8	6.0	148.8	W	7.9
October	301.9	0.4	30.9	33.1	1.2	1.0	144.3	8.2	152.4	W	7.1
November	299.6	0.4	30.4	35.4	1.4	1.7	142.9	9.1	151.9	W	7.2
December	R298.5	0.4	R32.3	41.2	1.9	3.2	R141.0	14.4	R155.4	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	277.2	0.3	30.4	38.5	1.4	2.5	129.5	13.7	143.3	W	6.6

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

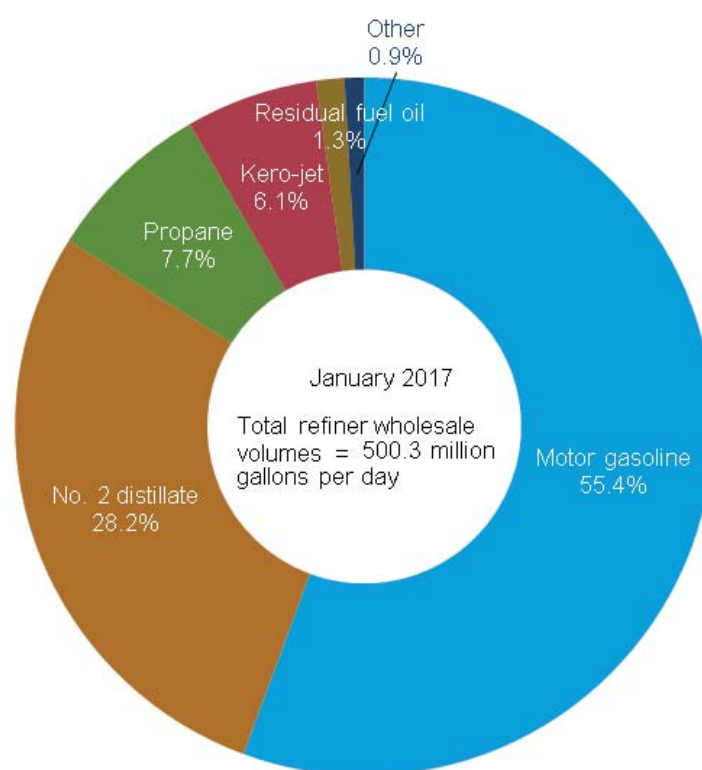
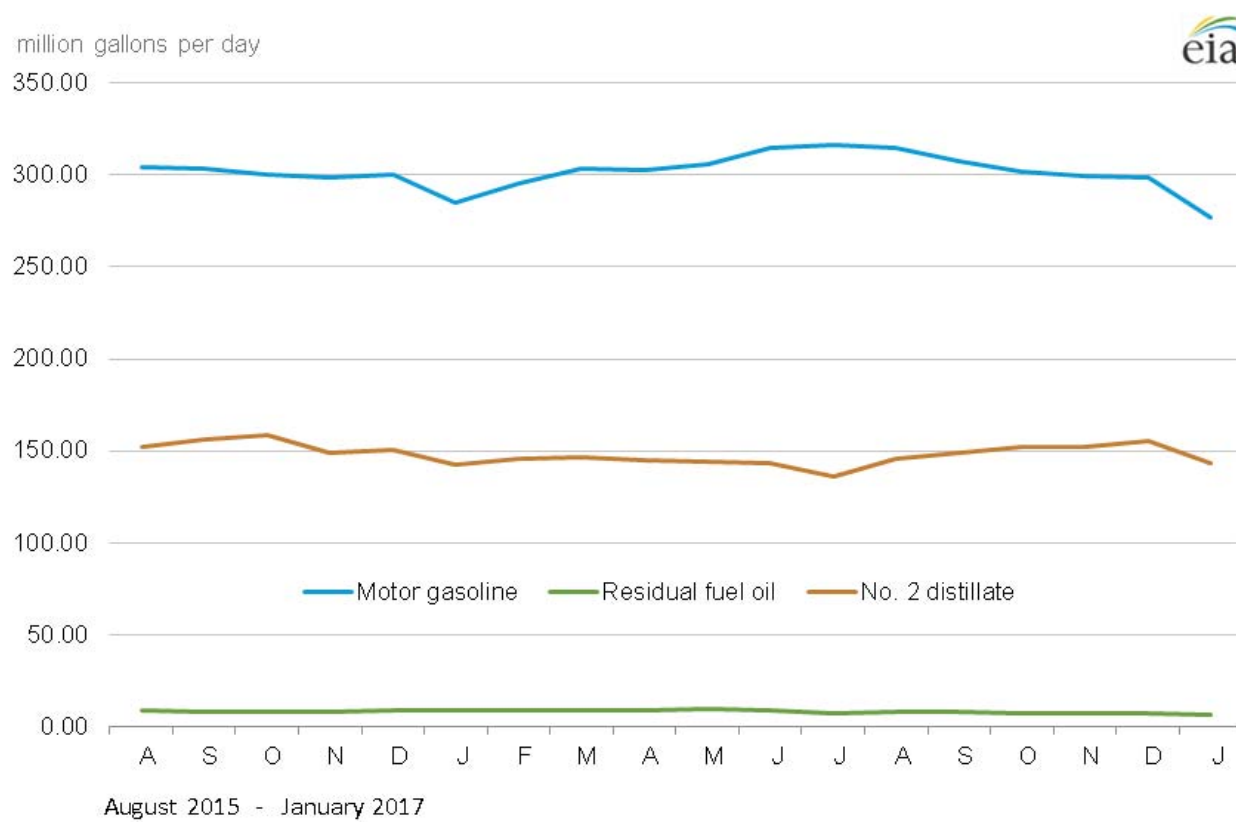
R = Revised data.

[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 2015 are final. Totals may not equal the sum of the components due to rounding.

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

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



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

Table 6. U.S. refiner motor gasoline prices by grade and sales type
dollars per gallon excluding taxes

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1985	0.925	0.917	-	-	-	0.843	-	-	-	-	-	-
1986	0.624	0.616	-	-	-	0.522	-	-	-	-	-	-
1987	0.659	0.650	-	-	-	0.569	-	-	-	-	-	-
1988	0.649	0.641	-	-	-	0.548	-	-	-	-	-	-
1989	0.720	0.714	-	-	-	0.618	0.796	0.793	-	-	-	0.686
1990	0.853	0.849	-	-	-	0.758	0.923	0.921	-	-	-	0.814
1991	0.764	0.761	-	-	-	0.672	0.847	0.843	-	-	-	0.733
1992	0.746	0.743	-	-	-	0.645	0.831	0.827	-	-	-	0.708
1993	0.716	0.712	-	-	-	0.593	0.810	0.805	-	-	-	0.660
1994	0.695	0.689	0.646	0.547	0.502	0.566	0.791	0.785	0.704	0.584	NA	0.638
1995	0.723	0.717	0.682	0.576	0.534	0.593	0.813	0.808	0.737	0.619	NA	0.670
1996	0.812	0.807	0.770	0.672	0.622	0.685	0.901	0.896	0.824	0.709	NA	0.759
1997	0.803	0.798	0.764	0.656	0.615	0.673	0.898	0.895	0.822	0.694	0.711	0.749
1998	0.634	0.630	0.596	0.481	0.449	0.499	0.731	0.728	0.655	0.521	NA	0.576
1999	0.747	0.742	0.730	0.605	0.542	0.620	0.838	0.835	0.784	0.639	NA	0.696
2000	1.077	1.073	1.042	0.927	0.873	0.942	1.171	1.168	1.099	0.960	-	1.013
2001	1.000	0.997	0.977	0.848	0.786	0.865	1.103	1.100	1.042	0.888	-	0.945
2002	0.915	0.912	0.886	0.801	0.735	0.806	1.013	1.010	0.968	0.839	-	0.885
2003	1.127	1.123	1.134	0.965	0.888	0.981	1.222	1.218	1.196	1.004	-	1.061
2004	1.407	1.404	1.414	1.257	1.182	1.269	1.503	1.499	1.469	1.296	-	1.340
2005	1.805	1.802	1.765	1.653	1.568	1.654	1.896	1.893	1.821	1.681	-	1.708
2006	2.102	2.099	2.082	1.944	1.866	1.950	2.216	2.213	2.157	1.987	-	2.016
2007	2.318	2.315	2.278	2.161	2.074	2.161	2.440	2.438	2.351	2.226	-	2.245
2008	2.752	2.748	2.702	2.558	2.525	2.570	2.880	2.879	2.775	2.588	-	2.610
2009	1.860	1.856	1.866	1.744	1.668	1.747	1.998	1.997	1.957	1.762	-	1.784
2010	2.275	2.270	2.261	2.144	2.073	2.146	2.416	2.416	2.357	2.168	-	2.185
2011	3.028	3.021	2.961	2.846	2.762	2.847	3.165	3.165	3.057	2.880	-	2.893
2012	3.132	3.118	3.086	2.892	2.836	2.904	3.291	3.290	3.194	2.906	-	2.925
2013	3.029	3.010	2.907	2.769	2.747	2.779	3.200	3.199	3.038	2.862	-	2.876
2014	2.832	2.811	2.767	2.574	2.520	2.584	3.031	3.030	2.903	2.716	-	2.738
2015												
January	1.618	1.616	1.547	1.318	1.302	1.332	1.858	1.859	1.671	1.440	-	1.468
February	1.809	1.807	1.861	1.589	1.535	1.604	2.026	2.025	2.025	1.710	-	1.748
March	1.990	1.987	2.198	1.696	1.698	1.732	2.281	2.279	2.303	1.834	-	1.889
April	1.996	1.995	2.164	1.771	1.746	1.796	2.264	2.262	2.310	1.903	-	1.950
May	2.253	2.252	2.604	1.999	1.953	2.037	2.563	2.560	2.741	2.135	-	2.199
June	2.317	2.315	2.451	2.051	2.002	2.075	2.571	2.569	2.594	2.202	-	2.244
July	2.267	2.266	2.645	1.971	1.983	2.017	2.595	2.593	2.802	2.157	-	2.222
August	2.149	2.147	2.358	1.742	1.695	1.781	2.470	2.469	2.479	1.942	-	1.998
September	1.847	1.845	2.018	1.530	1.450	1.556	2.177	2.176	2.171	1.718	-	1.768
October	1.787	1.785	1.856	1.491	1.406	1.510	2.056	2.056	2.051	1.674	-	1.717
November	1.644	1.643	1.756	1.354	1.340	1.380	1.919	1.919	1.921	1.522	-	1.569
December	1.531	1.530	1.730	1.282	1.260	1.310	1.837	1.836	1.922	1.444	-	1.502
2015	1.939	1.938	2.105	1.654	1.604	1.681	2.225	2.224	2.252	1.824	-	1.872
2016												
January	1.426	1.426	1.648	1.101	1.148	1.142	1.760	1.759	1.794	1.257	-	1.321
February	1.257	1.256	1.351	0.977	0.985	1.003	1.555	1.554	1.499	1.118	-	1.165
March	1.487	1.485	1.638	1.273	1.198	1.291	1.745	1.744	1.808	1.441	-	1.486
April	1.658	1.656	1.757	1.412	1.336	1.431	1.927	1.926	1.886	1.574	-	1.612
May	1.806	1.806	1.805	1.559	1.455	1.568	2.047	2.046	1.928	1.716	-	1.741
June	1.901	1.900	1.866	1.585	1.513	1.598	2.123	2.121	1.996	1.749	-	1.776
July	1.729	1.729	1.781	1.421	1.411	1.444	2.025	2.024	1.893	1.592	-	1.627
August	1.687	1.687	1.643	1.458	1.390	1.465	1.945	1.944	1.781	1.619	-	1.637
September	1.716	1.716	1.759	1.449	1.438	1.469	1.996	1.995	1.895	1.617	-	1.650
October	1.748	1.748	1.791	1.505	1.478	1.523	2.027	2.027	1.935	1.676	-	1.706
November	1.685	1.684	1.673	1.361	1.393	1.384	1.987	1.985	1.797	1.521	-	1.552
December	R1.784	R1.783	R1.687	1.541	R1.473	1.547	R2.032	R2.031	R1.831	R1.685	-	R1.702
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	1.584	1.588	2.112	2.111	1.950	1.729	-	1.756

See footnotes at end of table.

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

dollars per gallon excluding taxes

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1985	1.030	1.023	-	-	-	0.922	0.921	0.912	-	-	-	0.835
1986	0.748	0.737	-	-	-	0.610	0.632	0.624	-	-	-	0.531
1987	0.790	0.784	-	-	-	0.671	0.678	0.669	-	-	-	0.589
1988	0.794	0.788	-	-	-	0.672	0.681	0.673	-	-	-	0.577
1989	0.874	0.868	-	-	-	0.749	0.763	0.756	-	-	-	0.654
1990	0.990	0.985	-	-	-	0.874	0.888	0.883	-	-	-	0.786
1991	0.912	0.907	-	-	-	0.792	0.800	0.797	-	-	-	0.699
1992	0.920	0.914	-	-	-	0.774	0.792	0.787	-	-	-	0.677
1993	0.896	0.889	-	-	-	0.722	0.765	0.759	-	-	-	0.626
1994	0.873	0.865	0.787	0.640	0.556	0.695	0.744	0.738	0.693	0.567	0.509	0.599
1995	0.897	0.890	0.822	0.673	0.583	0.722	0.771	0.765	0.729	0.598	0.540	0.626
1996	0.979	0.972	0.897	0.762	0.669	0.803	0.853	0.847	0.809	0.690	0.627	0.713
1997	0.979	0.973	0.895	0.749	0.658	0.792	0.844	0.839	0.803	0.674	0.620	0.700
1998	0.811	0.805	0.726	0.573	0.489	0.617	0.678	0.673	0.636	0.500	0.454	0.526
1999	0.912	0.906	0.851	0.687	0.585	0.726	0.785	0.781	0.765	0.621	0.549	0.645
2000	1.250	1.242	1.174	1.017	0.927	1.055	1.111	1.106	1.074	0.940	0.879	0.963
2001	1.181	1.175	1.112	0.936	0.830	0.980	1.035	1.032	1.009	0.862	0.791	0.886
2002	1.094	1.088	1.030	0.899	0.800	0.928	0.949	0.947	0.922	0.816	0.741	0.828
2003	1.312	1.305	1.269	1.064	0.955	1.113	1.160	1.156	1.164	0.978	0.893	1.002
2004	1.603	1.596	1.553	1.361	1.274	1.408	1.439	1.435	1.442	1.270	1.187	1.288
2005	2.000	1.992	1.901	1.760	1.696	1.789	1.833	1.829	1.791	1.664	1.576	1.670
2006	2.326	2.320	2.231	2.093	1.988	2.117	2.131	2.128	2.110	1.959	1.873	1.969
2007	2.558	2.552	2.460	2.339	2.209	2.357	2.349	2.345	2.311	2.180	2.080	2.182
2008	2.971	2.965	2.846	2.718	2.689	2.746	2.778	2.775	2.726	2.572	2.532	2.586
2009	2.128	2.122	2.059	1.941	1.816	1.958	1.892	1.888	1.899	1.761	1.675	1.767
2010	2.543	2.536	2.446	2.334	2.187	2.346	2.306	2.301	2.293	2.162	2.078	2.165
2011	3.291	3.283	3.139	3.047	2.873	3.049	3.058	3.050	2.990	2.864	2.769	2.867
2012	3.413	3.400	3.273	3.149	3.102	3.163	3.168	3.154	3.117	2.916	2.861	2.929
2013	3.320	3.307	3.108	3.076	3.010	3.075	3.068	3.049	2.942	2.801	2.774	2.812
2014	3.152	3.138	2.941	2.878	2.783	2.880	2.876	2.855	2.800	2.606	2.548	2.618
2015												
January	2.012	2.008	1.741	1.615	1.481	1.625	1.674	1.673	1.588	1.350	1.317	1.366
February	2.178	2.174	2.078	1.881	1.728	1.900	1.861	1.858	1.906	1.620	1.550	1.637
March	2.456	2.449	2.386	2.021	1.910	2.066	2.057	2.054	2.236	1.731	1.716	1.770
April	2.434	2.429	2.378	2.105	1.932	2.130	2.060	2.058	2.208	1.808	1.765	1.835
May	2.744	2.738	2.809	2.354	2.176	2.402	2.324	2.322	2.645	2.038	1.974	2.080
June	2.722	2.717	2.660	2.439	2.356	2.464	2.376	2.374	2.494	2.094	2.030	2.121
July	2.756	2.751	2.873	2.422	2.452	2.480	2.340	2.338	2.691	2.023	2.025	2.072
August	2.627	2.621	2.560	2.214	2.035	2.247	2.221	2.218	2.400	1.796	1.731	1.838
September	2.343	2.337	2.229	1.969	1.746	1.991	1.922	1.920	2.063	1.581	1.475	1.609
October	2.228	2.222	2.093	1.889	1.680	1.904	1.851	1.849	1.907	1.536	1.437	1.558
November	2.113	2.109	1.982	1.741	1.505	1.756	1.713	1.711	1.805	1.398	1.359	1.426
December	2.039	2.034	1.979	1.667	1.459	1.695	1.605	1.604	1.784	1.325	1.281	1.356
2015	2.392	2.386	2.312	2.035	1.845	2.061	2.006	2.003	2.148	1.696	1.627	1.726
2016												
January	1.963	1.958	1.873	1.473	1.309	1.519	1.506	1.505	1.696	1.143	1.164	1.187
February	1.760	1.757	1.578	1.322	1.140	1.346	1.333	1.332	1.402	1.016	1.005	1.046
March	1.938	1.935	1.892	1.633	1.421	1.656	1.554	1.552	1.694	1.314	1.218	1.335
April	2.121	2.119	1.999	1.779	1.526	1.788	1.727	1.725	1.809	1.454	1.366	1.476
May	2.242	2.240	2.043	1.928	1.658	1.925	1.871	1.869	1.857	1.602	1.479	1.613
June	2.319	2.316	2.109	1.956	1.753	1.962	1.962	1.961	1.919	1.628	1.540	1.643
July	2.225	2.223	2.005	1.788	1.576	1.801	1.804	1.804	1.831	1.467	1.428	1.490
August	2.143	2.141	1.878	1.813	1.575	1.810	1.755	1.754	1.696	1.501	1.404	1.508
September	2.192	2.189	1.999	1.827	1.592	1.836	1.789	1.788	1.813	1.493	1.454	1.514
October	2.237	2.234	2.036	1.884	1.669	1.892	1.819	1.819	1.846	1.548	1.501	1.568
November	2.199	2.196	1.903	1.729	1.539	1.744	1.760	1.759	1.724	1.403	1.406	1.427
December	2.242	R2.240	R1.937	1.871	R1.615	1.861	R1.850	R1.849	R1.743	1.578	R1.492	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	2.324	2.320	2.065	1.908	1.761	1.923	1.902	1.900	1.876	1.608	1.601	1.628

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 2015 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												
January	19.8	20.1	17.2	210.9	19.4	247.5	1.6	1.6	0.3	2.5	-	2.9
February	20.2	20.5	18.1	218.4	21.2	257.7	1.7	1.7	0.4	2.6	-	3.0
March	20.3	20.6	18.3	219.1	20.4	257.9	1.7	1.7	0.4	2.7	-	3.1
April	20.7	21.1	18.2	226.1	20.7	265.0	1.7	1.7	0.4	2.8	-	3.2
May	21.2	21.5	18.0	225.5	19.3	262.8	1.8	1.8	0.4	3.0	-	3.3
June	21.3	21.6	18.3	230.9	18.0	267.2	1.8	1.8	0.4	3.0	-	3.3
July	21.5	21.8	18.0	232.1	16.9	267.0	1.8	1.8	0.3	3.0	-	3.3
August	21.2	21.5	18.3	228.4	18.5	265.2	1.8	1.8	0.3	2.9	-	3.2
September	21.0	21.3	18.0	225.2	22.4	265.5	1.8	1.8	0.3	2.7	-	3.1
October	21.2	21.5	18.0	227.1	16.8	262.0	1.8	1.8	0.3	2.6	-	3.0
November	20.5	20.8	17.7	222.8	20.1	260.6	1.7	1.7	0.3	2.5	-	2.9
December	20.6	20.9	17.9	222.9	21.9	262.6	1.7	1.8	0.3	2.5	-	2.8
2015	20.8	21.1	18.0	224.2	19.6	261.8	1.7	1.8	0.3	2.7	-	3.1
2016												
January	19.9	20.2	17.2	214.4	18.2	249.8	1.7	1.7	0.3	2.4	-	2.8
February	20.4	20.7	18.0	222.4	16.7	257.0	1.8	1.8	0.3	2.4	-	2.7
March	20.5	20.7	18.1	224.8	23.1	266.0	1.8	1.8	0.3	2.4	-	2.8
April	21.0	21.3	18.4	228.7	16.0	263.1	1.8	1.8	0.3	2.5	-	2.9
May	21.1	21.3	18.3	228.6	19.1	266.0	1.8	1.8	0.3	2.6	-	3.0
June	21.7	21.9	18.2	235.5	20.4	274.1	1.9	1.9	0.3	2.7	-	3.1
July	21.4	21.6	18.0	232.3	22.7	273.0	1.9	1.9	0.3	2.7	-	3.0
August	21.5	21.7	18.4	233.9	21.8	274.1	1.9	1.9	0.3	2.7	-	3.0
September	21.4	21.6	18.0	229.9	20.6	268.5	1.9	1.9	0.3	2.5	-	2.8
October	21.1	21.4	17.8	229.7	16.2	263.6	1.8	1.8	0.3	2.4	-	2.7
November	20.1	20.3	17.4	228.3	16.5	262.2	1.7	1.7	0.3	2.4	-	2.7
December	19.6	R19.8	17.6	227.2	R16.2	R261.0	1.7	1.7	0.3	2.2	-	R2.5
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	211.7	15.5	243.5	1.6	1.6	0.3	2.0	-	2.3

See footnotes at end of table.

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

million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1985	9.2	10.0	-	-	-	38.0	50.5	57.5	-	-	-	256.9
1986	9.0	9.8	-	-	-	45.1	54.2	61.2	-	-	-	257.2
1987	11.2	11.6	-	-	-	53.0	55.7	61.0	-	-	-	257.2
1988	13.8	14.5	-	-	-	62.4	56.7	61.0	-	-	-	263.7
1989	13.5	14.2	-	-	-	60.8	57.5	61.2	-	-	-	260.7
1990	11.2	11.7	-	-	-	53.7	57.4	60.3	-	-	-	264.8
1991	10.5	10.9	-	-	-	48.3	58.4	61.2	-	-	-	261.3
1992	10.3	10.7	-	-	-	51.7	56.4	59.0	-	-	-	265.4
1993	10.3	10.6	-	-	-	52.8	54.9	57.2	-	-	-	266.9
1994	10.0	10.3	22.6	29.9	3.2	55.7	52.8	55.0	83.1	165.9	27.7	276.7
1995	9.8	10.2	20.8	31.5	4.2	56.4	53.7	55.9	77.9	174.8	36.0	288.8
1996	8.4	8.8	18.2	28.3	4.1	50.5	55.1	57.5	77.5	176.8	39.3	293.6
1997	8.4	8.8	16.9	27.6	4.0	48.5	58.7	61.1	75.1	179.6	38.0	292.7
1998	9.6	9.9	17.4	30.9	4.3	52.7	61.4	63.3	73.0	186.1	41.4	300.4
1999	8.7	8.9	16.1	31.0	5.7	52.7	60.2	62.0	72.2	194.6	40.2	306.9
2000	6.9	7.1	13.0	24.4	4.7	42.1	59.1	60.9	69.4	197.9	37.1	304.4
2001	7.1	7.3	12.3	24.6	3.7	40.6	60.4	62.0	67.4	201.1	36.7	305.2
2002	7.5	7.8	12.5	25.2	4.1	41.8	62.1	63.6	66.9	201.7	43.3	311.8
2003	7.1	7.3	10.8	23.9	3.3	38.1	62.2	63.8	59.8	208.4	43.4	311.6
2004	5.9	6.1	9.4	22.3	2.3	34.0	56.9	58.4	54.8	217.1	44.5	316.4
2005	5.2	5.4	8.0	20.9	3.0	31.9	57.5	59.0	48.7	224.2	48.9	321.8
2006	4.9	5.1	7.1	20.3	2.4	29.7	58.6	60.0	44.3	228.0	43.2	315.6
2007	4.7	4.8	6.9	20.2	2.4	29.5	56.7	57.7	43.0	227.6	49.2	319.8
2008	4.2	4.3	5.9	17.1	1.9	25.0	53.9	55.1	39.9	220.8	45.7	306.4
2009	4.0	4.1	6.3	19.1	2.1	27.4	48.0	49.8	39.9	226.1	41.4	307.4
2010	3.4	3.5	5.7	20.9	2.1	28.7	43.1	44.7	35.7	232.9	43.5	312.0
2011	2.9	3.0	4.6	20.3	2.0	26.9	37.5	39.0	30.1	233.7	32.5	296.3
2012	2.5	2.6	4.2	21.6	2.6	28.4	28.0	29.7	27.2	239.2	28.4	294.7
2013	2.2	2.3	4.3	22.7	2.6	29.6	23.0	24.7	27.6	238.6	24.8	291.0
2014	1.9	2.0	4.2	24.4	2.3	30.9	19.9	21.6	23.5	244.5	21.2	289.2
2015												
January	2.5	2.5	4.4	24.7	1.8	30.9	23.9	24.2	21.9	238.2	21.1	281.3
February	2.5	2.5	4.5	25.1	1.8	31.4	24.3	24.6	22.9	246.1	23.0	292.0
March	2.5	2.5	4.5	25.5	1.8	31.8	24.4	24.8	23.1	247.3	22.3	292.8
April	2.6	2.6	4.6	27.2	2.3	34.0	25.0	25.4	23.1	256.1	23.0	302.2
May	2.6	2.6	4.4	27.5	2.0	33.9	25.5	25.9	22.7	256.0	21.3	300.0
June	2.6	2.6	4.5	28.3	1.6	34.4	25.7	26.0	23.2	262.2	19.5	305.0
July	2.6	2.7	4.4	28.7	1.7	34.8	26.0	26.3	22.7	263.9	18.5	305.1
August	2.7	2.7	4.6	28.9	2.2	35.7	25.7	26.0	23.2	260.2	20.7	304.1
September	2.7	2.7	4.7	28.4	2.0	35.1	25.4	25.7	23.0	256.3	24.4	303.7
October	2.6	2.7	4.7	28.0	2.1	34.9	25.6	25.9	23.1	257.8	19.0	299.8
November	2.6	2.7	4.7	27.5	2.5	34.7	24.8	25.2	22.7	252.9	22.6	298.2
December	2.6	2.7	4.7	27.2	2.6	34.5	25.0	25.3	22.9	252.5	24.5	299.9
2015	2.6	2.6	4.5	27.3	2.0	33.8	25.1	25.5	22.9	254.2	21.6	298.7
2016												
January	2.5	2.6	4.6	26.1	2.1	32.8	24.1	24.4	22.1	243.0	20.2	285.3
February	2.7	2.7	5.0	27.8	2.5	35.3	24.9	25.2	23.3	252.6	19.1	295.0
March	2.7	2.7	4.9	27.7	2.3	35.0	25.0	25.2	23.4	255.0	25.4	303.8
April	2.7	2.8	5.0	28.6	3.0	36.5	25.6	25.9	23.7	259.8	19.0	302.5
May	2.8	2.8	5.0	29.2	2.5	36.8	25.7	26.0	23.7	260.4	21.7	305.8
June	2.8	2.9	5.0	30.1	2.6	37.7	26.4	26.7	23.6	268.3	23.0	314.9
July	2.8	2.9	5.0	32.3	2.7	40.0	26.1	26.3	23.3	267.3	25.3	315.9
August	2.9	2.9	5.2	30.6	1.9	37.6	26.2	26.5	23.9	267.2	23.7	314.8
September	2.9	2.9	5.0	29.1	2.4	36.5	26.2	26.4	23.4	261.5	23.0	307.8
October	2.7	2.7	4.9	28.4	2.2	35.5	25.6	25.9	23.0	260.5	18.4	301.9
November	2.6	2.6	4.9	28.2	1.7	34.8	24.4	24.6	22.5	258.9	18.2	299.6
December	2.5	2.5	4.9	27.5	2.6	35.0	R23.8	24.1	22.8	R256.9	R18.7	R298.5
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	25.2	1.7	31.5	22.7	22.9	21.2	238.9	17.2	277.2

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 2015 are final. Totals may not equal the sum of the components due to rounding.

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

Table 8. U.S. refiner conventional motor gasoline prices by grade and sales type
dollars per gallon excluding taxes

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.687	0.681	0.636	0.545	0.500	0.558	0.784	0.778	0.694	NA	NA	0.627
1995	0.710	0.704	0.651	0.570	0.525	0.573	0.800	0.794	0.711	0.610	NA	0.637
1996	0.797	0.791	0.743	0.665	0.607	0.664	0.884	0.878	0.801	0.700	NA	0.726
1997	0.781	0.775	0.719	0.649	0.600	0.648	0.874	0.869	0.783	0.685	W	0.708
1998	0.611	0.606	0.551	0.473	0.439	0.473	0.704	0.700	0.613	0.511	W	0.533
1999	0.710	0.706	0.676	0.595	0.520	0.590	0.802	0.799	0.734	0.628	-	0.650
2000	1.045	1.040	0.994	0.913	0.844	0.909	1.136	1.133	1.052	0.945	-	0.964
2001	0.961	0.958	0.914	0.835	0.761	0.830	1.058	1.055	0.984	0.872	-	0.889
2002	0.893	0.891	0.836	0.791	0.723	0.782	0.985	0.981	0.906	0.829	-	0.839
2003	1.081	1.078	1.040	0.952	0.871	0.942	1.173	1.168	1.108	0.994	-	1.006
2004	1.368	1.364	1.325	1.244	1.170	1.234	1.454	1.450	1.391	1.287	-	1.296
2005	1.780	1.776	1.709	1.643	1.555	1.629	1.861	1.857	1.781	1.675	-	1.682
2006	2.062	2.060	2.054	1.925	1.864	1.918	2.166	2.164	2.134	1.972	-	1.980
2007	2.292	2.289	2.242	2.153	2.065	2.138	2.392	2.390	2.298	2.222	-	2.225
2008	2.717	2.714	2.698	2.560	2.513	2.555	2.829	2.829	2.734	2.581	-	2.586
2009	1.825	1.821	1.817	1.735	1.657	1.723	1.936	1.936	1.877	1.751	-	1.755
2010	2.244	2.239	2.244	2.139	2.065	2.128	2.361	2.361	2.336	2.160	-	2.164
2011	2.998	2.989	2.916	2.834	2.751	2.825	3.105	3.104	3.033	2.869	-	2.872
2012	3.076	3.060	2.999	2.867	2.816	2.864	3.202	3.202	3.117	2.886	-	2.890
2013	2.975	2.954	2.797	2.745	2.724	2.745	3.110	3.110	2.947	2.850	-	2.852
2014	2.775	2.753	2.706	2.558	2.502	2.556	2.932	2.931	2.858	2.703	-	2.711
2015												
January	1.554	1.554	1.439	1.305	1.286	1.306	1.748	1.750	1.639	1.431	-	1.442
February	1.737	1.735	1.671	1.564	W	1.562	1.893	1.891	1.882	1.677	-	1.687
March	1.852	1.851	1.949	1.662	1.683	1.670	2.034	2.031	2.121	1.793	-	1.810
April	1.882	1.883	1.942	1.731	1.710	1.734	2.067	2.065	2.124	1.856	-	1.870
May	2.096	2.097	2.244	1.950	1.906	1.953	2.285	2.283	2.451	2.081	-	2.099
June	2.221	2.220	2.271	2.023	W	2.025	2.396	2.393	2.462	2.178	-	2.192
July	2.123	2.124	2.279	1.919	W	1.929	2.327	2.325	2.466	2.105	-	2.122
August	2.020	2.018	2.066	1.708	1.666	1.712	2.230	2.229	2.316	1.919	-	1.939
September	1.744	1.743	1.768	1.512	W	1.508	1.984	1.985	2.078	1.706	-	1.725
October	1.722	1.721	1.590	1.478	W	1.473	1.922	1.923	1.933	1.665	-	1.679
November	1.562	1.562	1.549	1.333	W	1.336	1.768	1.768	1.811	1.500	-	1.518
December	1.430	1.431	1.489	1.251	1.235	1.255	1.648	1.648	1.750	1.399	-	1.419
2015	1.833	1.833	1.858	1.625	1.575	1.625	2.033	2.032	2.090	1.794	-	1.809
2016												
January	1.304	1.305	1.296	1.073	W	1.083	1.524	1.524	1.578	1.221	-	1.241
February	1.167	1.167	1.103	0.960	W	0.964	1.377	1.376	1.349	1.098	-	1.112
March	1.413	1.412	1.329	1.248	1.175	1.242	1.602	1.601	1.558	1.408	-	1.416
April	1.577	1.576	1.459	1.383	1.310	1.379	1.782	1.781	1.653	1.548	-	1.554
May	1.749	1.749	1.604	1.543	1.425	1.535	1.951	1.950	1.743	1.707	-	1.709
June	1.855	1.854	1.658	1.562	1.493	1.558	2.043	2.041	1.802	1.735	-	1.738
July	1.648	1.649	1.604	1.408	1.392	1.411	1.891	1.890	1.765	1.589	-	1.599
August	1.636	1.636	1.529	1.455	W	1.449	1.865	1.866	1.681	1.633	-	1.635
September	1.659	1.660	1.620	1.439	W	1.441	1.905	1.905	1.770	1.620	-	1.629
October	1.691	1.692	1.648	1.493	1.456	1.493	1.933	1.933	1.796	1.674	-	1.681
November	1.613	1.613	1.520	1.346	W	1.351	1.865	1.864	1.703	1.513	-	1.524
December	R1.740	R1.739	R1.560	1.532	R1.457	R1.527	R1.953	R1.952	R1.728	R1.680	-	R1.683
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	1.576	1.561	2.009	2.009	1.817	1.722	-	1.729

See footnotes at end of table.

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

dollars per gallon excluding taxes

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.863	0.855	0.778	0.638	0.555	0.682	0.736	0.729	0.683	0.565	0.507	0.589
1995	0.877	0.868	0.790	0.665	0.568	0.684	0.753	0.746	0.693	0.590	0.530	0.598
1996	0.960	0.951	0.869	0.755	0.645	0.767	0.834	0.827	0.778	0.682	0.610	0.685
1997	0.954	0.946	0.856	0.742	0.641	0.753	0.819	0.813	0.756	0.666	0.604	0.668
1998	0.783	0.776	0.684	W	0.474	0.576	0.652	0.647	0.589	0.491	0.442	0.494
1999	0.872	0.865	0.801	0.679	0.558	0.681	0.748	0.743	0.711	0.611	0.525	0.609
2000	1.211	1.201	1.120	1.002	0.897	1.005	1.076	1.071	1.023	0.926	0.849	0.925
2001	1.129	1.123	1.042	0.922	0.806	0.923	0.992	0.989	0.943	0.848	0.765	0.845
2002	1.064	1.058	0.978	0.889	0.788	0.886	0.924	0.921	0.867	0.806	0.729	0.798
2003	1.253	1.245	1.178	1.051	0.925	1.050	1.109	1.105	1.067	0.965	0.874	0.957
2004	1.544	1.534	1.466	1.347	1.248	1.348	1.391	1.387	1.348	1.257	1.174	1.247
2005	1.966	1.954	1.857	1.747	1.652	1.746	1.801	1.797	1.732	1.654	1.560	1.641
2006	2.274	2.265	2.215	2.070	1.981	2.071	2.084	2.082	2.077	1.940	1.869	1.933
2007	2.502	2.494	2.415	2.328	2.181	2.317	2.313	2.309	2.267	2.172	2.070	2.156
2008	2.928	2.921	2.851	2.726	2.650	2.726	2.736	2.733	2.716	2.573	2.518	2.568
2009	2.062	2.054	2.014	1.927	1.802	1.918	1.845	1.841	1.843	1.750	1.664	1.738
2010	2.489	2.478	2.443	2.329	2.172	2.318	2.264	2.259	2.270	2.155	2.069	2.143
2011	3.230	3.219	3.105	3.035	2.864	3.018	3.016	3.008	2.939	2.851	2.758	2.841
2012	3.316	3.299	3.194	3.116	3.094	3.116	3.098	3.083	3.024	2.887	2.843	2.886
2013	3.231	3.213	3.011	3.059	3.004	3.049	2.997	2.977	2.825	2.775	2.755	2.774
2014	3.063	3.043	2.901	2.885	2.794	2.875	2.800	2.778	2.736	2.589	2.535	2.587
2015												
January	1.908	1.901	1.648	1.615	1.480	1.604	1.587	1.586	1.475	1.335	1.302	1.335
February	2.062	2.054	W	1.854	1.702	1.842	1.765	1.763	1.709	1.591	1.538	1.588
March	2.214	2.207	2.157	1.986	1.880	1.983	1.885	1.884	1.984	1.692	1.700	1.700
April	2.244	2.239	2.156	2.071	1.895	2.055	1.916	1.917	1.979	1.764	1.730	1.766
May	2.459	2.454	2.473	2.308	2.128	2.298	2.131	2.131	2.285	1.985	1.928	1.987
June	2.577	2.570	W	2.432	2.349	2.428	2.254	2.253	2.311	2.064	2.008	2.065
July	2.508	2.504	W	2.375	2.415	2.382	2.160	2.161	2.319	1.965	1.991	1.975
August	2.407	2.401	2.302	2.203	2.016	2.189	2.058	2.057	2.109	1.759	1.707	1.763
September	2.166	2.158	W	1.968	1.713	1.946	1.786	1.785	1.812	1.559	1.449	1.553
October	2.124	2.114	W	1.885	1.648	1.860	1.760	1.759	1.637	1.519	1.413	1.513
November	1.977	1.970	W	1.725	1.471	1.697	1.602	1.601	1.591	1.372	1.326	1.373
December	1.866	1.860	1.726	1.630	1.410	1.609	1.471	1.472	1.532	1.288	1.254	1.290
2015	2.216	2.210	2.085	2.016	1.812	1.999	1.869	1.869	1.899	1.663	1.599	1.663
2016												
January	1.737	1.733	W	1.441	1.272	1.428	1.345	1.346	1.337	1.109	1.137	1.117
February	1.593	1.590	W	1.315	1.132	1.297	1.209	1.209	1.143	0.995	0.991	0.998
March	1.812	1.808	1.548	1.612	1.381	1.586	1.451	1.450	1.369	1.283	1.194	1.276
April	1.995	1.992	1.674	1.763	1.489	1.726	1.617	1.617	1.498	1.421	1.339	1.416
May	2.174	2.170	1.809	1.935	1.630	1.898	1.791	1.790	1.641	1.583	1.451	1.573
June	2.275	2.270	1.862	1.955	1.723	1.926	1.895	1.894	1.696	1.602	1.522	1.597
July	2.122	2.119	1.812	1.787	1.549	1.764	1.696	1.697	1.643	1.451	1.410	1.452
August	2.103	2.099	W	1.837	1.559	1.812	1.682	1.682	1.566	1.495	1.393	1.487
September	2.142	2.137	W	1.846	1.566	1.817	1.707	1.708	1.658	1.480	1.440	1.480
October	2.182	2.178	1.860	1.901	1.642	1.874	1.738	1.738	1.685	1.533	1.479	1.533
November	2.112	2.108	W	1.733	1.500	1.715	1.660	1.660	1.557	1.384	1.382	1.388
December	R2.209	R2.204	R1.774	1.875	R1.587	1.838	R1.782	R1.781	R1.599	1.564	R1.476	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	2.266	2.259	1.866	1.908	1.736	1.894	1.813	1.812	1.700	1.590	1.590	1.593

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 2015 are final.

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

Table 9. U.S. refiner conventional motor gasoline volumes by grade and sales type
million gallons per day

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	29.7	31.2	36.1	113.5	22.8	172.4	7.6	7.8	10.1	14.6	0.1	24.8
1995	24.0	25.3	19.4	105.1	26.0	150.5	6.0	6.3	5.1	13.6	0.1	18.7
1996	24.1	25.4	17.8	108.5	27.1	153.4	5.7	5.9	4.4	12.9	NA	17.3
1997	25.0	26.4	16.4	110.9	26.4	153.7	5.7	5.9	3.9	12.7	W	16.6
1998	25.4	26.6	13.7	112.0	28.8	154.5	6.0	6.1	3.4	12.5	W	15.8
1999	25.0	26.0	13.4	117.4	24.9	155.8	5.9	6.0	3.1	12.2	-	15.3
2000	26.0	27.1	12.8	125.7	23.9	162.4	4.9	5.0	2.3	10.8	-	13.1
2001	26.6	27.4	12.0	128.5	24.0	164.5	4.6	4.7	1.9	10.2	-	12.0
2002	27.2	28.0	11.3	127.9	31.0	170.2	4.7	4.8	1.6	10.4	-	11.9
2003	27.5	28.3	10.3	131.1	32.4	173.8	4.3	4.4	1.2	10.0	-	11.2
2004	26.5	27.3	9.7	136.7	36.1	182.5	3.5	3.6	0.9	9.8	-	10.8
2005	27.4	28.3	9.0	140.1	36.4	185.5	3.1	3.2	0.7	10.8	-	11.5
2006	28.9	29.8	7.3	143.7	37.4	188.4	2.9	2.9	0.5	9.3	-	9.7
2007	29.6	30.2	7.4	150.3	43.0	200.7	2.6	2.6	0.5	10.3	-	10.8
2008	28.9	29.8	7.1	144.5	39.5	191.1	2.1	2.2	0.4	9.9	-	10.3
2009	26.5	27.8	6.6	147.0	35.9	189.5	1.9	1.9	0.3	9.1	-	9.4
2010	24.9	26.2	5.9	147.6	37.1	190.7	1.7	1.7	0.2	8.7	-	8.9
2011	21.3	22.4	5.4	147.3	26.3	179.0	1.3	1.3	0.1	7.4	-	7.5
2012	14.4	15.7	5.0	149.0	21.7	175.8	0.9	0.9	0.1	7.2	-	7.4
2013	11.6	13.0	6.2	149.9	18.8	174.9	0.7	0.7	0.1	5.7	-	5.8
2014	11.1	12.5	4.3	154.9	16.8	176.0	0.6	0.6	0.1	2.1	-	2.3
2015												
January	13.4	13.6	3.7	150.4	17.2	171.2	0.8	0.8	0.1	1.8	-	1.9
February	13.5	13.8	W	156.1	W	179.1	0.8	0.8	0.1	1.8	-	1.9
March	13.6	13.8	3.9	156.9	17.6	178.4	0.8	0.8	0.1	1.9	-	2.0
April	14.0	14.3	3.9	162.8	17.5	184.2	0.8	0.8	0.1	2.0	-	2.1
May	14.3	14.6	3.9	162.0	16.4	182.3	0.9	0.9	0.1	2.1	-	2.2
June	14.3	14.6	W	165.5	W	184.6	0.9	0.9	0.1	2.1	-	2.2
July	14.6	14.9	W	167.9	W	186.1	0.9	0.9	0.1	2.1	-	2.2
August	14.2	14.5	4.0	163.8	15.5	183.3	0.9	0.9	0.1	2.0	-	2.1
September	14.1	14.4	W	161.3	W	184.5	0.9	0.9	0.1	1.9	-	2.0
October	14.2	14.5	W	162.3	W	180.4	0.9	0.9	0.1	1.8	-	1.9
November	13.9	14.1	W	159.6	W	180.2	0.8	0.8	0.1	1.8	-	1.9
December	14.0	14.2	4.1	159.7	18.9	182.7	0.8	0.8	0.1	1.7	-	1.8
2015	14.0	14.3	3.9	160.7	16.8	181.4	0.8	0.8	0.1	1.9	-	2.0
2016												
January	13.5	13.8	W	153.0	W	172.2	0.8	0.8	0.1	1.7	-	1.8
February	14.0	14.2	W	158.9	W	176.8	0.8	0.9	0.1	1.7	-	1.8
March	14.0	14.2	4.1	161.9	20.0	186.0	0.9	0.9	0.1	1.7	-	1.8
April	14.4	14.6	4.2	164.0	13.5	181.7	0.9	0.9	0.1	1.7	-	1.8
May	14.4	14.6	4.2	163.6	15.4	183.3	0.9	0.9	0.1	1.8	-	1.9
June	14.7	14.9	4.2	168.5	16.4	189.1	0.9	0.9	0.1	1.9	-	2.0
July	14.6	14.8	4.2	167.0	18.9	190.2	0.9	0.9	0.1	1.9	-	2.0
August	14.7	14.9	W	167.8	W	191.0	0.9	0.9	0.1	1.8	-	1.9
September	14.5	14.8	W	164.5	W	186.1	0.9	0.9	0.1	1.7	-	1.8
October	14.4	14.6	4.0	164.4	13.5	181.9	0.9	0.9	0.1	1.7	-	1.8
November	13.4	13.6	W	163.9	W	181.0	0.8	0.8	0.1	1.6	-	1.7
December	R12.9	R13.1	3.9	162.6	R13.6	R180.1	0.8	0.8	0.1	R1.5	-	R1.6
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	150.9	13.1	167.6	0.7	0.7	0.1	1.4	-	1.5

See footnotes at end of table.

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

million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	8.5	8.9	16.5	28.0	2.8	47.2	45.8	47.9	62.7	156.0	25.8	244.5
1995	6.2	6.4	7.7	25.1	2.9	35.6	36.2	38.0	32.1	143.8	28.9	204.8
1996	4.9	5.1	5.8	22.5	2.5	30.8	34.7	36.5	28.1	143.8	29.6	201.5
1997	4.8	5.0	5.1	21.9	2.5	29.5	35.4	37.2	25.4	145.6	28.9	199.8
1998	5.5	5.7	4.7	W	2.7	31.9	36.9	38.5	21.8	148.9	31.5	202.2
1999	5.0	5.2	4.3	24.1	3.8	32.2	35.9	37.2	20.8	153.7	28.7	203.3
2000	3.7	3.9	3.1	18.6	2.8	24.5	34.7	35.9	18.2	155.1	26.7	200.0
2001	3.7	3.8	2.8	18.7	2.7	24.1	35.0	36.0	16.7	157.4	26.7	200.7
2002	3.8	4.0	2.6	19.1	3.0	24.7	35.8	36.8	15.5	157.4	34.0	206.9
2003	3.4	3.5	2.1	17.5	2.4	21.9	35.1	36.3	13.6	158.6	34.8	207.0
2004	2.6	2.8	1.6	15.8	1.7	19.2	32.6	33.7	12.3	162.3	37.8	212.4
2005	2.3	2.4	1.4	14.4	1.9	17.7	32.8	33.8	11.0	165.4	38.2	214.6
2006	2.1	2.2	1.1	13.9	1.7	16.6	33.9	35.0	8.8	166.8	39.1	214.7
2007	2.1	2.2	1.1	14.4	2.0	17.4	34.3	35.0	9.0	175.0	44.9	228.9
2008	1.8	1.9	0.9	11.7	1.5	14.2	32.9	33.9	8.4	166.2	41.0	215.6
2009	1.7	1.8	0.9	12.9	1.8	15.6	30.0	31.5	7.8	169.0	37.7	214.5
2010	1.5	1.6	0.8	13.5	1.7	15.9	28.2	29.5	6.9	169.8	38.8	215.5
2011	1.2	1.3	0.7	12.6	1.8	15.1	23.8	25.1	6.2	167.3	28.1	201.6
2012	1.0	1.1	0.7	13.2	2.4	16.2	16.3	17.7	5.8	169.5	24.1	199.4
2013	0.8	0.9	0.8	14.0	2.4	17.2	13.1	14.5	7.1	169.6	21.2	197.9
2014	0.7	0.8	0.7	15.1	2.1	17.9	12.5	14.0	5.1	172.1	18.9	196.2
2015												
January	1.0	1.0	0.7	15.1	1.6	17.4	15.1	15.4	4.5	167.2	18.8	190.5
February	1.0	1.0	W	15.2	W	17.6	15.3	15.6	4.7	173.2	20.7	198.6
March	1.0	1.0	0.7	15.7	1.6	18.0	15.4	15.7	4.7	174.5	19.2	198.4
April	1.1	1.1	0.7	16.8	2.1	19.6	15.9	16.2	4.7	181.6	19.6	205.9
May	1.1	1.1	0.7	17.0	1.8	19.6	16.3	16.6	4.7	181.1	18.3	204.0
June	1.1	1.1	W	17.7	W	19.9	16.3	16.6	4.9	185.2	16.5	206.6
July	1.1	1.2	W	18.3	W	20.5	16.7	17.0	5.0	188.2	15.6	208.8
August	1.1	1.2	0.8	18.1	2.0	20.9	16.2	16.6	4.9	183.9	17.5	206.2
September	1.1	1.2	W	17.6	W	20.2	16.1	16.4	4.7	180.8	21.1	206.7
October	1.1	1.1	W	17.1	W	19.9	16.2	16.5	4.8	181.3	16.1	202.2
November	1.1	1.1	W	16.8	W	19.9	15.8	16.1	4.9	178.2	18.9	202.0
December	1.1	1.1	0.8	16.6	2.3	19.7	15.9	16.2	5.0	178.0	21.2	204.2
2015	1.1	1.1	0.7	16.8	1.8	19.4	15.9	16.2	4.8	179.4	18.6	202.8
2016												
January	1.1	1.1	W	16.0	W	18.6	15.4	15.7	4.8	170.7	17.0	192.5
February	1.1	1.1	W	16.9	W	19.6	15.9	16.2	4.9	177.4	15.8	198.2
March	1.1	1.2	0.8	17.0	2.0	19.9	16.0	16.2	5.0	180.6	22.0	207.7
April	1.2	1.2	0.8	17.6	2.6	21.0	16.4	16.7	5.1	183.3	16.1	204.5
May	1.2	1.2	0.9	18.0	2.2	21.1	16.4	16.7	5.2	183.5	17.7	206.3
June	1.2	1.2	0.9	18.6	2.3	21.8	16.8	17.0	5.2	189.0	18.7	212.9
July	1.2	1.3	0.9	20.9	2.4	24.2	16.8	17.0	5.1	189.8	21.4	216.3
August	1.2	1.2	W	18.9	W	21.4	16.8	17.1	5.2	188.5	20.6	214.4
September	1.2	1.2	W	17.8	W	20.8	16.7	16.9	5.1	184.0	19.6	208.6
October	1.1	1.1	0.8	17.3	2.0	20.0	16.3	16.6	4.9	183.4	15.4	203.8
November	1.0	1.1	W	17.1	W	19.3	15.3	15.5	4.8	182.7	14.6	202.1
December	1.0	1.0	0.8	16.5	2.2	19.5	14.7	14.9	4.8	180.7	R15.8	R201.3
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	167.3	14.3	186.2

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 2015 are final. Totals may not equal the sum of the components due to rounding. - The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

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

Table 10. U.S. refiner reformulated motor gasoline prices by grade and sales type
dollars per gallon excluding taxes

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.764	0.758	0.720	0.569	0.543	0.638	0.879	0.873	0.770	0.628	W	0.728
1995	0.749	0.744	0.707	0.605	0.573	0.650	0.836	0.833	0.753	0.651	-	0.723
1996	0.834	0.830	0.788	0.698	0.677	0.738	0.924	0.921	0.837	0.741	W	0.809
1997	0.830	0.828	0.787	0.682	0.668	0.731	0.928	0.925	0.840	0.725	W	0.807
1998	0.668	0.665	0.616	0.509	0.484	0.557	0.769	0.767	0.673	0.553	W	0.638
1999	0.804	0.800	0.752	0.642	0.601	0.686	0.895	0.892	0.807	0.676	NA	0.767
2000	1.126	1.123	1.058	0.978	0.953	1.012	1.219	1.217	1.114	1.014	-	1.085
2001	1.059	1.056	1.001	0.893	0.856	0.938	1.166	1.163	1.061	0.942	-	1.027
2002	0.946	0.944	0.906	0.834	0.779	0.861	1.052	1.050	0.988	0.875	-	0.958
2003	1.196	1.192	1.168	1.006	0.962	1.069	1.293	1.290	1.224	1.047	-	1.165
2004	1.472	1.470	1.447	1.299	1.248	1.353	1.572	1.570	1.494	1.340	-	1.436
2005	1.850	1.848	1.787	1.682	1.619	1.711	1.945	1.944	1.834	1.726	-	1.789
2006	2.166	2.164	2.097	2.002	1.885	2.030	2.275	2.274	2.170	2.078	-	2.129
2007	2.362	2.360	2.288	2.186	2.175	2.221	2.490	2.489	2.368	2.256	-	2.316
2008	2.812	2.810	2.703	2.553	2.642	2.607	2.934	2.934	2.788	2.652	-	2.721
2009	1.927	1.925	1.878	1.770	1.782	1.806	2.066	2.066	1.981	1.855	-	1.914
2010	2.342	2.339	2.265	2.159	2.141	2.188	2.485	2.485	2.362	2.229	-	2.280
2011	3.089	3.085	2.973	2.874	2.831	2.895	3.233	3.233	3.062	2.954	-	2.990
2012	3.219	3.212	3.111	2.956	2.947	2.988	3.372	3.372	3.213	3.047	-	3.098
2013	3.110	3.101	2.948	2.830	2.869	2.856	3.268	3.268	3.066	2.939	-	2.979
2014	2.946	2.938	2.784	2.614	2.663	2.647	3.111	3.111	2.920	2.746	-	2.788
2015												
January	1.748	1.747	1.577	1.348	1.431	1.391	1.958	1.958	1.684	1.461	-	1.515
February	1.955	1.954	1.913	1.650	W	1.697	2.143	2.142	2.081	1.784	-	1.857
March	2.268	2.266	2.266	1.781	1.792	1.869	2.503	2.503	2.377	1.932	-	2.040
April	2.233	2.231	2.224	1.873	1.946	1.938	2.450	2.450	2.386	2.013	-	2.101
May	2.579	2.578	2.703	2.122	2.223	2.227	2.826	2.826	2.865	2.263	-	2.396
June	2.515	2.513	2.502	2.121	W	2.187	2.736	2.736	2.650	2.260	-	2.346
July	2.574	2.572	2.751	2.108	W	2.221	2.862	2.862	2.956	2.279	-	2.418
August	2.414	2.412	2.440	1.826	1.841	1.934	2.701	2.701	2.550	1.990	-	2.106
September	2.059	2.058	2.086	1.576	W	1.666	2.358	2.358	2.211	1.745	-	1.847
October	1.920	1.919	1.931	1.522	W	1.593	2.181	2.181	2.101	1.694	-	1.786
November	1.815	1.814	1.817	1.406	W	1.480	2.057	2.057	1.971	1.572	-	1.663
December	1.744	1.743	1.801	1.358	1.418	1.437	2.011	2.011	2.000	1.544	-	1.652
2015	2.159	2.158	2.174	1.728	1.775	1.807	2.404	2.404	2.321	1.892	-	1.989
2016												
January	1.688	1.687	1.752	1.170	W	1.274	1.981	1.981	1.893	1.341	-	1.468
February	1.450	1.449	1.422	1.019	W	1.090	1.721	1.721	1.564	1.164	-	1.260
March	1.646	1.644	1.728	1.339	1.347	1.407	1.881	1.881	1.918	1.519	-	1.615
April	1.832	1.831	1.845	1.485	1.475	1.548	2.064	2.064	1.985	1.635	-	1.719
May	1.928	1.927	1.864	1.598	1.581	1.642	2.135	2.135	2.011	1.736	-	1.799
June	1.998	1.997	1.929	1.643	1.591	1.688	2.195	2.195	2.090	1.781	-	1.848
July	1.905	1.904	1.834	1.453	1.503	1.519	2.152	2.152	1.955	1.600	-	1.678
August	1.797	1.796	1.677	1.466	W	1.502	2.018	2.018	1.830	1.590	-	1.641
September	1.839	1.838	1.800	1.475	W	1.531	2.076	2.076	1.957	1.611	-	1.687
October	1.869	1.868	1.834	1.536	1.587	1.588	2.112	2.112	2.002	1.682	-	1.754
November	1.830	1.829	1.718	1.400	W	1.456	2.093	2.093	1.842	1.539	-	1.606
December	1.869	1.869	1.723	1.565	1.553	1.592	2.098	2.098	1.885	1.694	-	1.737
2016	1.808	1.807	1.762	1.433	1.462	1.490	2.047	2.047	1.913	1.579	-	1.655
2017												
January	1.952	1.951	1.868	1.604	1.625	1.649	2.195	2.194	2.020	1.744	-	1.807

See footnotes at end of table.

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

dollars per gallon excluding taxes

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.966	0.958	0.861	0.677	0.558	0.777	0.831	0.824	0.771	0.599	0.547	0.687
1995	0.929	0.924	0.841	0.704	0.616	0.785	0.808	0.803	0.756	0.632	0.582	0.696
1996	1.002	0.998	0.910	0.791	0.709	0.859	0.882	0.878	0.828	0.720	0.682	0.774
1997	1.005	1.003	0.910	0.775	0.686	0.853	0.876	0.874	0.825	0.703	0.671	0.767
1998	0.847	0.845	0.741	W	0.516	0.680	0.717	0.714	0.657	0.529	0.489	0.593
1999	0.966	0.963	0.870	0.717	0.639	0.798	0.845	0.841	0.788	0.658	0.608	0.718
2000	1.297	1.291	1.189	1.064	0.972	1.125	1.164	1.160	1.092	0.993	0.957	1.039
2001	1.239	1.234	1.133	0.983	0.890	1.065	1.100	1.096	1.034	0.909	0.859	0.966
2002	1.124	1.119	1.046	0.930	0.832	0.991	0.987	0.985	0.944	0.851	0.785	0.891
2003	1.366	1.362	1.292	1.099	1.028	1.201	1.233	1.229	1.197	1.021	0.969	1.097
2004	1.655	1.652	1.574	1.399	1.348	1.489	1.510	1.507	1.474	1.313	1.257	1.378
2005	2.031	2.029	1.912	1.791	1.766	1.847	1.883	1.881	1.812	1.697	1.635	1.733
2006	2.369	2.367	2.239	2.149	2.004	2.183	2.202	2.200	2.125	2.020	1.906	2.055
2007	2.601	2.599	2.468	2.367	2.346	2.415	2.404	2.402	2.322	2.208	2.192	2.250
2008	3.003	3.001	2.845	2.700	2.826	2.772	2.845	2.843	2.728	2.569	2.659	2.629
2009	2.177	2.174	2.067	1.968	1.899	2.011	1.971	1.969	1.913	1.793	1.791	1.834
2010	2.587	2.584	2.446	2.343	2.247	2.380	2.386	2.383	2.299	2.182	2.150	2.215
2011	3.334	3.331	3.145	3.067	2.940	3.090	3.132	3.128	3.003	2.898	2.837	2.921
2012	3.478	3.473	3.288	3.201	3.175	3.225	3.265	3.259	3.143	2.986	2.961	3.020
2013	3.371	3.365	3.132	3.103	3.071	3.110	3.160	3.152	2.982	2.866	2.882	2.892
2014	3.206	3.202	2.949	2.867	2.642	2.886	3.005	2.996	2.818	2.648	2.661	2.682
2015												
January	2.080	2.080	1.758	1.615	1.486	1.652	1.825	1.824	1.617	1.385	1.435	1.431
February	2.254	2.254	W	1.922	W	1.976	2.023	2.022	1.957	1.688	1.662	1.740
March	2.616	2.615	2.429	2.076	2.124	2.173	2.348	2.346	2.301	1.822	1.817	1.916
April	2.567	2.566	2.420	2.162	2.228	2.231	2.309	2.308	2.267	1.915	1.967	1.984
May	2.954	2.953	2.877	2.429	2.592	2.545	2.664	2.662	2.740	2.166	2.248	2.276
June	2.825	2.825	W	2.450	W	2.513	2.587	2.585	2.544	2.168	2.150	2.237
July	2.947	2.946	W	2.505	W	2.622	2.661	2.660	2.795	2.165	2.208	2.283
August	2.792	2.792	2.612	2.232	2.200	2.329	2.503	2.501	2.477	1.886	1.866	1.996
September	2.472	2.472	W	1.972	W	2.052	2.157	2.155	2.128	1.634	1.645	1.728
October	2.302	2.302	W	1.895	W	1.962	2.008	2.007	1.979	1.577	1.566	1.651
November	2.209	2.209	W	1.765	W	1.836	1.907	1.905	1.864	1.459	1.524	1.537
December	2.162	2.161	2.029	1.725	1.868	1.809	1.841	1.840	1.854	1.412	1.456	1.497
2015	2.516	2.516	2.357	2.066	2.145	2.144	2.242	2.240	2.214	1.777	1.799	1.860
2016												
January	2.126	2.125	W	1.524	W	1.638	1.792	1.790	1.796	1.221	1.307	1.331
February	1.878	1.878	W	1.333	W	1.408	1.554	1.553	1.471	1.066	1.074	1.143
March	2.029	2.028	1.960	1.668	1.712	1.749	1.737	1.736	1.783	1.388	1.377	1.463
April	2.215	2.215	2.064	1.804	1.779	1.873	1.921	1.921	1.895	1.533	1.514	1.601
May	2.293	2.293	2.091	1.915	1.855	1.960	2.012	2.011	1.917	1.645	1.602	1.694
June	2.351	2.351	2.160	1.957	1.992	2.011	2.079	2.078	1.983	1.690	1.619	1.740
July	2.304	2.304	2.045	1.788	1.824	1.856	1.999	1.998	1.884	1.504	1.524	1.574
August	2.172	2.172	W	1.772	W	1.807	1.885	1.885	1.732	1.513	1.479	1.553
September	2.228	2.228	W	1.797	W	1.860	1.931	1.931	1.855	1.523	1.537	1.585
October	2.275	2.275	2.070	1.857	1.892	1.914	1.963	1.962	1.890	1.584	1.612	1.641
November	2.257	2.257	W	1.723	W	1.780	1.929	1.928	1.770	1.448	1.505	1.509
December	2.263	2.263	1.968	1.864	1.796	1.890	1.959	1.958	1.781	1.609	1.581	1.640
2016	2.201	2.201	1.986	1.755	1.710	1.816	1.900	1.899	1.814	1.481	1.484	1.543
2017												
January	2.359	2.359	2.104	1.908	1.833	1.957	2.044	2.043	1.924	1.648	1.658	1.699

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 2015 are final.

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

Table 11. U.S. refiner reformulated motor gasoline volumes by grade and sales type
million gallons per day

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	0.6	0.6	2.1	1.6	0.6	4.3	0.2	0.2	0.7	0.3	W	1.0
1995	7.8	8.1	20.7	W	W	43.3	3.0	3.1	7.4	3.1	-	10.5
1996	10.7	11.1	26.1	20.5	8.0	54.6	3.3	3.4	7.9	3.3	W	11.3
1997	13.4	13.8	28.0	21.7	7.6	57.3	3.6	3.7	7.9	3.1	W	11.0
1998	14.3	14.5	28.6	23.0	8.3	59.9	3.7	3.8	7.4	3.1	W	10.5
1999	14.5	14.8	29.8	26.1	9.6	65.5	3.6	3.7	7.0	3.1	NA	10.2
2000	15.5	15.9	32.1	29.1	8.5	69.6	3.3	3.4	6.2	2.6	-	8.8
2001	16.3	16.7	32.7	30.0	9.0	71.7	3.3	3.3	5.7	2.2	-	7.9
2002	16.9	17.2	33.1	30.4	8.2	71.7	3.3	3.3	5.6	2.1	-	7.6
2003	17.7	18.0	30.9	35.1	7.6	73.6	3.1	3.1	4.1	2.0	-	6.1
2004	16.2	16.5	29.5	39.7	6.1	75.3	2.6	2.6	3.3	2.0	-	5.2
2005	17.1	17.4	27.5	43.5	9.5	80.4	2.6	2.6	2.5	1.8	-	4.2
2006	17.7	18.0	26.8	45.7	3.4	75.9	2.5	2.5	1.9	1.5	-	3.4
2007	17.4	17.6	26.7	45.4	3.8	75.9	2.4	2.4	1.6	1.3	-	2.9
2008	16.6	16.9	25.4	48.1	4.2	77.7	2.0	2.0	1.1	1.1	-	2.2
2009	14.0	14.3	25.8	49.8	3.4	79.0	1.7	1.7	1.0	1.1	-	2.1
2010	11.7	11.9	23.1	54.5	4.2	81.9	1.3	1.3	0.7	1.2	-	1.9
2011	10.8	11.1	19.5	57.6	4.2	81.3	1.2	1.2	0.5	1.1	-	1.6
2012	9.2	9.5	17.4	60.3	4.0	81.7	1.0	1.0	0.5	1.0	-	1.5
2013	7.6	7.9	16.5	59.3	3.5	79.3	0.9	0.9	0.4	1.0	-	1.4
2014	5.5	5.7	14.6	62.0	2.1	78.8	0.7	0.7	0.3	0.9	-	1.2
2015												
January	6.5	6.5	13.5	60.6	2.2	76.3	0.9	0.9	0.2	0.8	-	1.0
February	6.7	6.7	W	62.3	W	78.6	0.9	0.9	0.3	0.8	-	1.1
March	6.7	6.7	14.4	62.2	2.8	79.5	0.9	0.9	0.3	0.8	-	1.1
April	6.7	6.8	14.3	63.3	3.2	80.8	0.9	0.9	0.3	0.8	-	1.1
May	6.9	6.9	14.1	63.6	2.8	80.6	0.9	0.9	0.2	0.9	-	1.1
June	7.0	7.0	W	65.5	W	82.6	0.9	0.9	0.2	0.9	-	1.1
July	6.9	6.9	W	64.3	W	80.9	0.9	0.9	0.2	0.9	-	1.1
August	7.0	7.0	14.3	64.7	3.0	81.9	0.9	0.9	0.2	0.9	-	1.2
September	6.9	6.9	W	63.8	W	81.0	0.9	0.9	0.2	0.8	-	1.1
October	6.9	7.0	W	64.8	W	81.6	0.9	0.9	0.2	0.8	-	1.0
November	6.6	6.6	W	63.2	W	80.4	0.9	0.9	0.2	0.8	-	1.0
December	6.6	6.6	13.8	63.2	3.0	79.9	0.9	0.9	0.2	0.8	-	1.0
2015	6.8	6.8	14.1	63.5	2.8	80.3	0.9	0.9	0.2	0.8	-	1.1
2016												
January	6.4	6.4	W	61.4	W	77.6	0.9	0.9	0.2	0.7	-	1.0
February	6.5	6.5	W	63.5	W	80.2	0.9	0.9	0.2	0.7	-	1.0
March	6.5	6.5	14.0	62.9	3.1	80.1	0.9	0.9	0.2	0.7	-	1.0
April	6.7	6.7	14.2	64.7	2.5	81.4	0.9	0.9	0.2	0.8	-	1.0
May	6.7	6.8	14.1	64.9	3.7	82.7	1.0	1.0	0.2	0.8	-	1.0
June	7.0	7.0	14.0	67.0	4.0	85.0	1.0	1.0	0.2	0.8	-	1.1
July	6.8	6.8	13.8	65.2	3.7	82.8	1.0	1.0	0.2	0.8	-	1.1
August	6.8	6.8	W	66.1	W	83.2	1.0	1.0	0.2	0.8	-	1.1
September	6.9	6.9	W	65.4	W	82.5	1.0	1.0	0.2	0.8	-	1.0
October	6.8	6.8	13.7	65.2	2.7	81.7	1.0	1.0	0.2	0.7	-	0.9
November	6.6	6.6	W	64.4	W	81.2	0.9	0.9	0.2	0.7	-	0.9
December	6.7	6.7	13.7	64.6	2.6	80.8	0.9	0.9	0.2	0.7	-	0.9
2016	6.7	6.7	13.9	64.6	3.1	81.6	0.9	0.9	0.2	0.8	-	1.0
2017												
January	6.4	6.5	12.7	60.8	2.4	75.9	0.9	0.9	0.2	0.6	-	0.8

See footnotes at end of table.

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

million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	0.2	0.2	1.2	0.5	0.2	1.9	1.0	1.0	4.0	2.4	0.8	7.2
1995	3.1	3.2	12.0	W	W	18.9	14.0	14.4	40.1	25.9	6.6	72.6
1996	3.1	3.2	11.7	5.3	1.5	18.6	17.0	17.6	45.7	29.2	9.6	84.5
1997	3.4	3.5	11.5	5.3	1.5	18.2	20.3	21.0	47.4	30.1	9.1	86.6
1998	3.8	3.9	12.2	W	1.6	19.8	21.8	22.2	48.2	32.0	9.9	90.1
1999	3.4	3.5	11.4	6.3	1.9	19.6	21.5	22.0	48.2	35.6	11.5	95.2
2000	3.0	3.1	9.6	5.4	1.9	16.8	21.9	22.4	47.9	37.0	10.4	95.2
2001	3.2	3.2	9.2	5.4	1.1	15.7	22.7	23.3	47.7	37.6	10.0	95.3
2002	3.4	3.5	9.5	5.6	1.1	16.3	23.6	24.1	48.2	38.0	9.3	95.6
2003	3.5	3.6	8.5	5.9	1.0	15.3	24.2	24.7	43.5	43.0	8.6	95.1
2004	3.1	3.1	7.4	6.0	0.6	14.1	21.9	22.3	40.2	47.7	6.7	94.6
2005	2.8	2.8	6.5	6.0	1.2	13.6	22.6	22.9	36.4	51.2	10.6	98.3
2006	2.7	2.7	5.9	5.9	0.7	12.5	22.9	23.2	34.6	53.1	4.1	91.8
2007	2.6	2.7	5.8	5.9	0.4	12.1	22.4	22.7	34.0	52.6	4.3	90.9
2008	2.4	2.4	5.0	5.4	0.4	10.8	21.0	21.3	31.5	54.6	4.6	90.8
2009	2.3	2.3	5.3	6.1	0.3	11.8	17.9	18.3	32.1	57.1	3.7	92.9
2010	1.9	1.9	4.9	7.4	0.4	12.7	14.9	15.2	28.8	63.1	4.7	96.5
2011	1.7	1.7	3.9	7.7	0.2	11.8	13.7	13.9	23.9	66.4	4.4	94.7
2012	1.5	1.5	3.5	8.4	0.3	12.1	11.7	12.0	21.4	69.7	4.3	95.4
2013	1.4	1.4	3.5	8.7	0.2	12.4	9.9	10.2	20.5	69.0	3.7	93.1
2014	1.2	1.2	3.5	9.4	0.2	13.0	7.5	7.7	18.4	72.3	2.3	93.0
2015												
January	1.5	1.5	3.7	9.7	0.2	13.5	8.8	8.8	17.5	71.0	2.4	90.8
February	1.5	1.5	W	9.8	W	13.7	9.0	9.1	18.2	73.0	2.3	93.4
March	1.5	1.5	3.7	9.8	0.2	13.8	9.1	9.1	18.4	72.9	3.1	94.3
April	1.5	1.5	3.8	10.4	0.3	14.4	9.1	9.2	18.4	74.5	3.4	96.4
May	1.5	1.5	3.6	10.5	0.2	14.3	9.3	9.3	18.0	74.9	3.1	96.0
June	1.5	1.5	W	10.6	W	14.6	9.4	9.5	18.3	76.9	3.1	98.3
July	1.5	1.5	W	10.5	W	14.2	9.3	9.3	17.8	75.6	2.9	96.3
August	1.5	1.5	3.8	10.7	0.2	14.8	9.4	9.4	18.3	76.3	3.2	97.9
September	1.5	1.5	W	10.8	W	14.9	9.3	9.4	18.2	75.5	3.3	97.0
October	1.5	1.5	W	10.9	W	15.0	9.4	9.4	18.2	76.5	2.9	97.6
November	1.5	1.5	W	10.7	W	14.8	9.0	9.1	17.8	74.7	3.7	96.2
December	1.5	1.5	4.0	10.6	0.3	14.8	9.0	9.1	18.0	74.6	3.2	95.8
2015	1.5	1.5	3.8	10.4	0.2	14.4	9.2	9.2	18.1	74.7	3.0	95.8
2016												
January	1.5	1.5	W	10.1	W	14.2	8.7	8.7	17.3	72.2	3.2	92.8
February	1.6	1.6	W	10.9	W	15.6	9.0	9.0	18.4	75.1	3.3	96.8
March	1.6	1.6	4.1	10.7	0.3	15.1	9.0	9.0	18.4	74.3	3.4	96.2
April	1.6	1.6	4.1	11.0	0.4	15.5	9.2	9.2	18.6	76.5	2.9	98.0
May	1.6	1.6	4.2	11.2	0.3	15.7	9.3	9.3	18.5	77.0	4.0	99.5
June	1.6	1.6	4.1	11.5	0.3	15.9	9.6	9.7	18.4	79.3	4.3	102.0
July	1.6	1.6	4.1	11.4	0.3	15.8	9.3	9.4	18.2	77.5	4.0	99.7
August	1.6	1.6	W	11.6	W	16.2	9.4	9.5	18.7	78.6	3.1	100.4
September	1.7	1.7	W	11.3	W	15.7	9.5	9.5	18.3	77.5	3.3	99.2
October	1.6	1.6	4.1	11.1	0.2	15.5	9.3	9.3	18.0	77.1	3.0	98.1
November	1.5	1.5	W	11.1	W	15.4	9.1	9.1	17.7	76.2	3.6	97.5
December	1.5	1.5	4.1	11.0	0.3	15.4	9.2	9.2	18.0	76.2	2.9	97.2
2016	1.6	1.6	4.1	11.1	0.3	15.5	9.2	9.2	18.2	76.5	3.4	98.1
2017												
January	1.4	1.4	3.8	10.1	0.4	14.4	8.8	8.8	16.6	71.5	2.9	91.0

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 2015 are final. Totals may not equal the sum of the components due to rounding.

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

Table 16. U.S. refiner residual fuel oil prices
dollars per gallon excluding taxes

Year month	Sulfur less than or equal to 1%		Sulfur greater than 1%		Average	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
1985	0.644	0.610	0.582	0.560	0.610	0.577
1986	0.372	0.328	0.317	0.289	0.343	0.305
1987	0.447	0.412	0.396	0.362	0.423	0.385
1988	0.372	0.333	0.300	0.271	0.334	0.300
1989	0.436	0.407	0.344	0.331	0.385	0.360
1990	0.505	0.472	0.400	0.372	0.444	0.413
1991	0.402	0.364	0.306	0.292	0.340	0.314
1992	0.389	0.351	0.312	0.286	0.336	0.308
1993	0.397	0.337	0.303	0.256	0.337	0.293
1994	0.401	0.345	0.330	0.287	0.352	0.317
1995	0.436	0.383	0.377	0.338	0.392	0.363
1996	0.526	0.456	0.433	0.389	0.455	0.420
1997	0.488	0.415	0.403	0.366	0.423	0.387
1998	0.354	0.299	0.287	0.269	0.305	0.280
1999	0.405	0.382	0.362	0.329	0.374	0.354
2000	0.708	0.627	0.566	0.512	0.602	0.566
2001	0.642	0.523	0.492	0.428	0.531	0.476
2002	0.640	0.546	0.544	0.508	0.569	0.530
2003	0.804	0.728	0.651	0.588	0.698	0.661
2004	0.835	0.764	0.692	0.601	0.739	0.681
2005	1.168	1.115	0.974	0.842	1.048	0.971
2006	1.342	1.202	1.173	1.085	1.218	1.136
2007	1.436	1.406	1.350	1.314	1.374	1.350
2008	2.144	1.918	1.889	1.843	1.964	1.866
2009	1.413	1.337	1.306	1.344	1.341	1.342
2010	1.920	1.756	1.619	1.679	1.713	1.697
2011	2.736	2.389	2.257	2.316	2.401	2.336
2012	3.025	2.548	2.433	2.429	2.592	2.457
2013	2.883	2.363	2.353	2.249	2.482	2.278
2014	2.694	2.153	2.221	1.996	2.325	2.044
2015						
January	NA	0.936	1.192	1.038	1.264	1.023
February	NA	1.150	1.342	1.124	1.376	1.126
March	NA	1.093	1.436	1.131	1.465	1.126
April	1.704	1.124	1.465	1.114	1.516	1.114
May	NA	1.198	1.443	1.242	1.543	1.234
June	W	1.175	1.474	1.239	1.549	1.233
July	W	1.080	1.245	1.130	1.363	1.122
August	W	0.797	1.150	0.928	1.207	0.918
September	W	0.819	1.063	0.856	1.107	0.852
October	NA	0.812	1.041	0.840	1.094	0.836
November	W	0.766	1.001	0.791	1.043	0.787
December	W	0.552	0.861	0.639	0.919	0.633
2015	1.529	0.971	1.227	0.999	1.285	0.996
2016						
January	W	0.477	0.641	0.502	0.710	0.499
February	NA	0.475	0.606	0.508	0.632	0.504
March	NA	0.582	0.672	0.555	0.693	0.558
April	W	0.633	0.734	0.614	0.782	0.616
May	W	0.729	0.868	0.722	0.922	0.723
June	W	0.850	0.911	0.823	0.983	0.825
July	W	0.876	0.948	0.834	1.030	0.835
August	W	0.842	0.924	0.811	0.990	0.815
September	W	0.846	1.059	0.855	1.076	0.854
October	W	0.961	1.091	0.935	1.115	0.938
November	NA	0.920	1.040	0.907	1.106	0.908
December	W	1.024	R1.206	1.031	R1.230	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

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 2015 are final.

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

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

million gallons per day

Year month	Sulfur less than or equal to 1%		Sulfur greater than 1%		Total	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
1985	11.4	7.0	13.8	12.9	25.2	19.9
1986	15.2	7.9	16.4	10.7	31.6	18.6
1987	15.1	7.8	13.9	9.1	29.0	16.9
1988	14.2	8.7	15.9	10.3	30.2	18.9
1989	13.4	7.9	17.0	13.1	30.4	21.0
1990	11.1	7.4	14.9	10.5	25.9	17.9
1991	8.6	5.6	15.5	12.2	24.0	17.8
1992	7.1	5.2	15.3	10.0	22.4	15.2
1993	6.2	5.7	11.1	6.9	17.2	12.6
1994	4.2	6.6	9.3	6.2	13.5	12.8
1995	2.9	7.7	8.7	5.9	11.6	13.6
1996	3.1	6.3	9.8	7.4	12.9	13.8
1997	3.2	4.8	10.3	6.7	13.4	11.5
1998	3.9	5.7	10.5	9.6	14.4	15.4
1999	3.9	5.3	10.0	6.2	13.9	11.5
2000	3.3	4.9	9.8	5.6	13.1	10.5
2001	3.8	5.2	11.0	5.1	14.8	10.3
2002	2.7	5.1	7.8	3.7	10.4	8.8
2003	3.3	3.5	7.4	3.2	10.7	6.7
2004	3.4	2.9	6.8	3.0	10.2	5.9
2005	4.0	2.2	6.4	2.5	10.4	4.7
2006	2.8	2.8	7.6	3.6	10.4	6.5
2007	3.1	3.2	7.8	5.0	10.9	8.2
2008	2.5	2.9	5.9	6.6	8.4	9.5
2009	2.8	2.9	5.7	6.9	8.5	9.8
2010	2.4	2.6	5.2	8.1	7.6	10.7
2011	1.9	3.4	4.5	8.8	6.4	12.2
2012	1.5	2.1	4.0	6.8	5.5	8.8
2013	1.3	2.3	3.9	6.7	5.2	9.0
2014	1.0	2.4	3.6	5.6	4.6	8.0
2015						
January	NA	1.0	3.1	5.5	3.6	6.5
February	NA	0.7	3.1	7.0	3.7	7.7
March	NA	1.0	3.2	6.8	3.5	7.8
April	1.0	0.6	3.6	7.0	4.6	7.6
May	NA	1.4	3.0	6.6	3.9	8.0
June	W	0.9	W	8.0	4.6	8.9
July	W	1.2	W	7.1	3.6	8.3
August	W	0.7	W	8.4	4.3	9.1
September	W	0.9	W	7.2	4.5	8.1
October	NA	1.2	2.9	7.0	3.7	8.2
November	W	1.2	W	6.8	4.4	8.0
December	W	0.6	W	8.3	4.0	8.9
2015	0.8	0.9	3.3	7.1	4.0	8.1
2016						
January	W	1.0	W	8.3	4.1	9.3
February	NA	1.2	3.4	8.2	3.9	9.3
March	NA	0.7	3.3	8.5	4.1	9.2
April	W	1.2	W	7.8	4.2	9.0
May	W	1.3	W	8.6	3.9	9.9
June	W	0.6	W	8.3	3.8	8.9
July	W	0.3	W	7.4	4.3	7.6
August	W	0.9	W	7.2	4.4	8.1
September	W	0.5	W	7.4	4.7	7.9
October	W	1.0	W	6.1	4.4	7.1
November	NA	0.7	3.1	6.5	4.0	7.2
December	W	0.6	W	7.0	R4.2	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

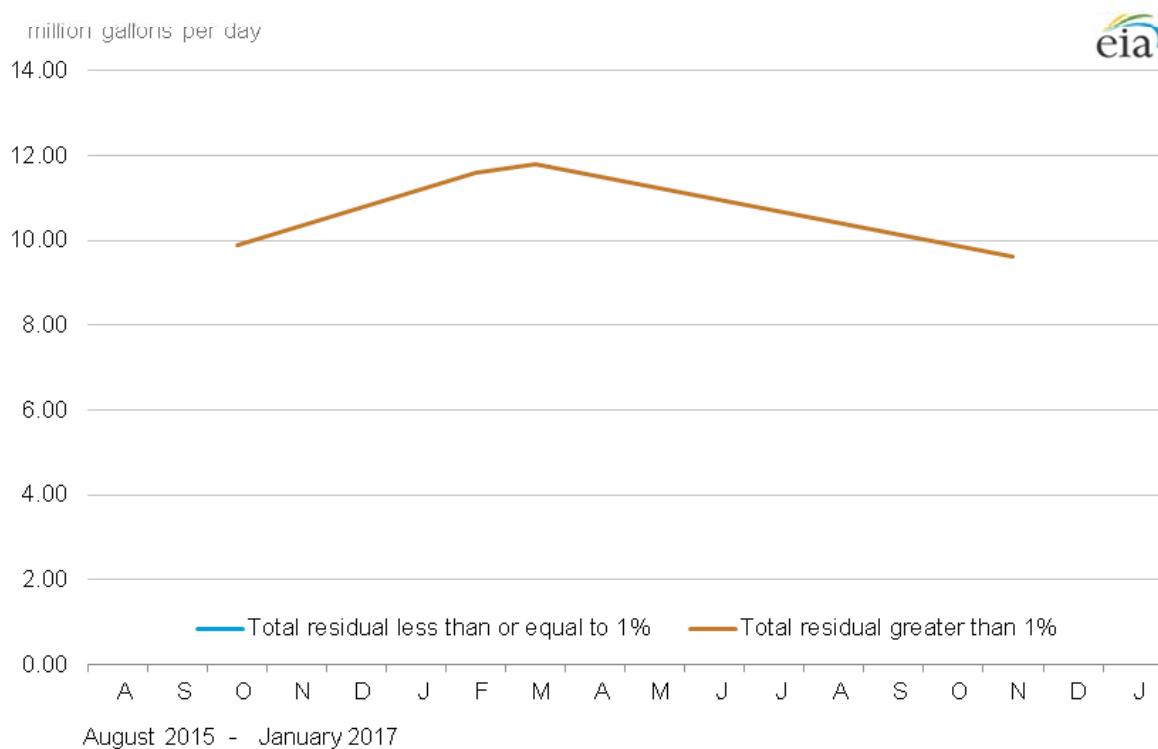
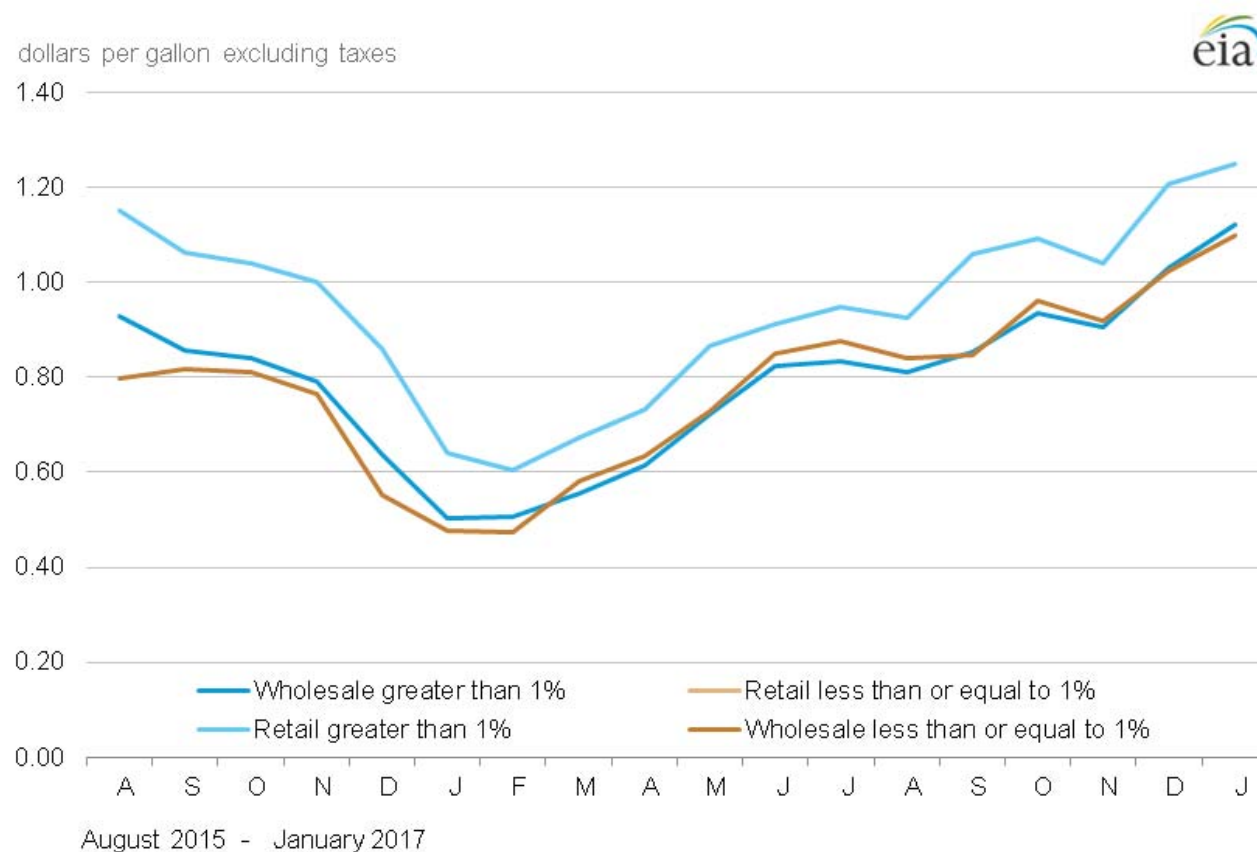
NA = Not available.

R = Revised data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2015 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



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

Crude Oil Prices

Table 18. Domestic crude oil first purchase prices
dollars per barrel

Year month	U.S. Average		PAD District 1				PAD District 2						
	U.S. Average	Less AK North Slope	Average	NY	PA	WV	Average	IL	IN	KS	KY	MI	NE
1997	17.23	17.92	19.25	18.49	18.79	17.56	18.60	19.11	18.73	18.63	17.97	18.75	18.10
1998	10.87	11.51	13.21	13.66	13.67	11.95	12.29	12.78	12.49	12.19	11.67	12.39	11.50
1999	15.56	16.38	17.36	18.65	18.49	16.46	17.27	17.37	17.31	17.08	16.68	16.63	17.21
2000	26.72	27.48	28.12	28.78	28.80	27.12	28.49	28.14	27.91	28.16	26.47	28.12	27.97
2001	21.84	22.77	23.98	24.19	24.82	22.35	23.95	23.76	23.46	23.56	22.53	22.69	23.67
2002	22.51	23.33	23.94	24.28	24.86	22.55	24.05	23.84	23.43	23.61	22.49	23.68	23.62
2003	27.56	28.47	29.12	28.91	29.60	28.06	29.24	29.10	28.38	28.68	27.21	29.18	28.63
2004	36.77	37.63	39.08	39.40	39.48	38.38	39.40	38.74	38.18	39.18	36.82	39.14	38.42
2005	50.28	51.02	53.84	54.64	54.57	53.75	53.33	51.20	51.02	53.41	49.45	53.67	52.38
2006	59.69	60.22	63.99	63.51	64.02	63.07	60.48	59.70	59.31	60.74	58.33	60.89	57.77
2007	66.52	67.04	69.00	69.46	70.00	67.27	67.16	65.66	65.47	66.85	63.60	66.87	62.78
2008	94.04	94.72	96.60	W	96.76	95.07	92.51	93.48	91.92	92.08	90.87	95.75	87.99
2009	56.35	56.65	56.56	W	56.96	55.77	55.00	55.47	55.65	54.41	55.24	56.39	50.93
2010	74.71	75.04	71.74	W	69.80	70.74	72.45	73.18	72.82	72.43	70.63	74.91	69.65
2011	95.73	95.35	90.77	W	87.16	86.56	89.38	88.73	88.15	88.52	86.00	92.40	85.48
2012	94.52	94.11	91.19	W	88.41	87.16	86.29	88.74	88.62	87.85	87.02	90.91	84.95
2013	95.99	96.00	92.45	W	89.84	91.26	91.64	92.94	93.04	91.85	91.17	96.50	87.44
2014	87.39	87.45	82.20	W	80.07	82.46	85.01	87.66	87.88	86.80	86.61	89.46	82.82
2015													
January	43.06	43.29	34.35	W	34.07	31.81	39.72	43.37	43.57	42.18	44.25	43.18	38.30
February	44.35	44.43	35.46	W	33.87	34.44	43.00	45.66	46.08	44.92	46.88	46.33	41.18
March	42.66	42.80	32.49	W	32.20	29.57	40.24	42.66	43.09	41.66	44.06	43.11	38.20
April	49.30	49.38	41.47	W	41.19	38.14	46.97	48.82	49.38	47.70	50.15	50.41	44.71
May	54.38	54.53	46.58	W	46.03	43.75	52.11	54.24	54.59	53.13	55.24	55.42	50.24
June	55.88	56.01	47.23	W	46.95	43.82	53.90	54.61	54.85	53.73	55.60	55.79	50.61
July	47.70	47.82	41.03	W	44.50	35.77	45.74	46.54	47.46	45.51	48.28	47.60	42.47
August	39.98	40.20	32.48	W	37.82	26.62	36.70	38.46	39.13	37.48	39.95	39.52	34.32
September	41.60	41.74	36.31	W	40.28	31.95	38.93	40.64	40.93	39.76	41.82	42.12	36.84
October	42.34	42.57	36.90	W	40.71	32.17	40.57	41.77	42.20	40.83	42.81	44.19	37.90
November	38.19	38.45	32.96	W	36.09	30.23	37.49	38.21	38.62	37.34	39.16	40.68	34.62
December	32.26	32.62	27.45	W	31.65	24.17	31.45	32.94	33.41	31.78	33.71	35.69	29.31
2015	44.39	44.58	37.65	W	38.98	33.72	42.44	43.97	44.51	43.16	45.38	45.38	40.10
2016													
January	27.02	27.39	22.06	W	26.37	18.94	25.85	27.90	28.47	26.72	28.80	29.56	24.26
February	25.51	25.83	20.70	W	25.27	17.38	24.06	26.12	26.31	25.19	27.73	28.35	22.83
March	31.87	32.13	29.80	W	33.03	25.64	31.44	33.25	33.18	32.64	34.18	35.43	30.58
April	35.59	35.82	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	40.70	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	40.83	37.38	W	40.51	34.14	39.68	40.75	40.82	39.77	41.53	45.16	38.28
September	40.54	40.91	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	38.63	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

See footnotes at end of table.

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

dollars per barrel

Year month	PAD District 2 (cont.)				PAD District 3							Federal Offshore Gulf
	ND	OH	OK	SD	Average	AL	AR	LA	MS	NM	TX	
1997	17.63	17.77	19.05	17.80	18.69	18.58	17.58	19.22	16.94	19.02	18.66	18.63
1998	11.39	12.20	12.73	12.29	12.19	12.08	11.10	12.59	10.33	12.36	12.28	12.03
1999	16.70	16.41	17.77	16.86	17.07	16.71	15.89	17.73	15.42	17.46	17.29	16.66
2000	28.19	27.49	29.08	28.18	28.22	27.63	26.98	29.03	26.23	28.80	28.60	27.59
2001	23.55	22.55	24.68	23.89	23.43	23.18	21.82	24.51	21.13	23.72	23.41	23.29
2002	24.15	22.61	24.49	23.96	23.74	23.39	21.50	24.84	22.11	24.11	23.77	23.49
2003	29.27	28.18	29.72	28.94	29.08	28.97	26.57	30.52	27.46	29.52	29.13	28.72
2004	39.30	38.27	39.95	38.40	38.41	38.79	36.67	40.48	37.03	39.25	38.79	37.07
2005	52.38	53.47	54.46	50.65	51.96	53.26	50.86	54.05	49.58	52.84	52.61	49.78
2006	56.69	62.89	63.11	51.85	61.49	63.16	58.67	64.23	59.35	61.74	61.31	60.80
2007	65.30	68.09	69.31	62.78	68.37	71.10	64.25	71.63	68.65	68.94	68.30	67.40
2008	88.68	96.43	96.15	87.42	97.64	96.71	90.91	100.89	94.60	96.23	96.85	99.10
2009	53.75	56.35	56.56	50.75	57.77	55.25	53.07	59.18	58.29	57.08	57.40	58.22
2010	70.26	73.68	75.18	69.04	76.57	75.54	71.01	78.25	76.41	75.64	76.23	77.06
2011	88.74	90.79	90.94	87.08	96.79	105.99	87.61	106.20	100.43	90.93	91.99	105.65
2012	84.06	92.87	89.97	83.10	96.11	104.81	89.39	105.97	100.80	88.01	92.50	105.95
2013	90.22	94.89	94.25	89.28	97.53	103.10	92.98	105.18	100.44	92.13	95.80	103.29
2014	82.89	83.95	89.25	82.78	88.43	89.73	85.23	94.13	90.81	83.44	87.02	93.33
2015												
January	37.52	35.42	44.36	40.04	45.23	43.24	41.41	46.64	45.21	42.63	43.43	51.57
February	41.31	37.20	46.94	43.61	45.21	44.00	44.57	48.92	47.49	44.37	44.66	46.61
March	38.77	35.31	43.46	40.76	43.81	42.51	41.94	47.36	45.47	42.11	42.89	47.12
April	46.08	43.94	48.92	47.04	50.57	50.89	48.45	54.91	52.88	48.19	49.82	53.23
May	51.08	49.23	54.44	52.23	55.68	55.46	53.46	60.12	57.81	53.98	55.21	57.33
June	53.41	50.76	55.42	53.48	57.16	56.38	53.36	60.99	58.57	54.77	56.15	61.02
July	45.21	40.56	47.69	46.21	48.71	47.89	45.71	51.52	49.06	47.29	48.15	50.43
August	35.67	31.73	39.49	38.09	41.64	39.82	36.99	43.09	40.60	39.98	40.16	46.21
September	37.78	34.90	41.67	39.64	42.96	41.98	39.71	45.53	43.02	43.03	42.99	42.66
October	39.78	36.27	42.64	41.03	43.61	42.06	40.64	45.90	43.44	43.81	43.55	43.54
November	36.98	32.98	39.16	37.89	39.06	36.51	36.89	40.77	38.54	38.63	38.79	39.94
December	30.67	28.21	33.16	30.46	33.23	32.08	31.50	34.77	32.79	31.98	32.36	35.88
2015	41.42	38.40	44.96	42.73	45.61	44.55	43.04	48.43	46.81	44.40	44.95	47.67
2016												
January	24.80	22.66	27.84	24.32	28.15	26.95	26.11	29.50	27.69	27.36	27.36	30.54
February	22.72	22.22	26.40	23.34	26.56	25.39	24.66	28.10	26.13	26.48	26.47	26.75
March	30.35	30.64	33.09	30.56	32.38	31.96	32.30	34.98	33.13	32.83	33.01	30.14
April	34.54	31.45	36.45	33.60	36.19	35.79	35.07	38.81	36.78	36.06	36.56	34.99
May	39.47	40.19	42.71	39.60	41.52	41.58	40.80	44.53	42.52	42.04	42.52	38.48
June	42.80	43.41	45.33	42.48	44.94	44.90	42.75	47.30	44.78	44.91	45.35	43.64
July	39.58	39.59	41.80	38.72	41.82	40.79	38.99	43.21	41.16	41.17	41.62	42.54
August	38.53	39.24	41.63	38.66	41.39	40.46	38.81	43.00	40.94	41.07	41.44	41.29
September	38.70	39.89	41.71	38.86	41.39	40.57	38.80	43.07	41.03	41.23	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	39.18	38.53	37.21	41.08	39.18	39.07	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

See footnotes at end of table.

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

Year month	PAD District 4					PAD District 5				
	Average	CO	MT	UT	WY	Average	AK North Slope	AK Other	CA	Federal Offshore CA
1997	17.80	19.03	17.00	18.57	17.41	15.06	14.84	17.43	15.78	12.97
1998	11.38	12.56	11.28	12.52	10.70	8.80	8.47	11.55	9.55	6.99
1999	16.79	17.37	16.54	17.69	16.47	13.10	12.46	17.44	14.08	11.78
2000	27.60	28.85	27.82	28.53	26.89	24.16	23.62	28.23	24.82	23.32
2001	22.73	24.82	23.16	24.09	21.55	19.03	18.18	23.30	20.11	18.38
2002	23.01	25.29	22.76	23.87	21.96	20.39	19.37	24.47	21.87	19.03
2003	28.09	30.71	28.66	28.88	26.63	24.97	23.78	28.48	26.43	24.25
2004	37.34	40.38	38.53	39.35	35.10	33.69	33.03	38.76	34.47	32.23
2005	50.65	55.34	52.66	53.98	45.63	47.03	47.05	54.19	47.08	43.48
2006	57.38	63.80	56.69	59.70	53.25	57.03	56.86	64.10	57.34	53.37
2007	62.54	67.04	64.64	62.48	58.34	64.24	63.69	69.60	65.07	59.39
2008	88.23	90.80	89.96	86.58	86.07	90.16	90.10	95.04	90.47	85.68
2009	52.16	52.33	52.96	50.22	52.30	55.23	54.41	W	56.11	53.59
2010	69.72	72.75	70.24	68.09	68.10	73.29	72.33	W	74.51	69.80
2011	85.64	88.26	88.61	82.53	83.45	100.39	98.79	W	102.50	96.01
2012	82.91	85.78	82.98	82.73	80.70	101.33	98.70	W	104.10	97.04
2013	87.16	90.10	88.73	84.79	85.30	99.08	95.79	W	102.53	91.40
2014	80.92	82.48	80.54	79.04	80.54	89.30	86.41	W	92.14	80.55
2015										
January	37.74	38.53	36.91	38.04	37.17	41.49	39.32	W	42.93	32.04
February	40.07	39.84	39.99	38.69	40.85	44.85	43.03	W	47.02	35.65
March	39.44	38.68	37.38	46.04	38.32	43.10	40.44	W	44.95	34.68
April	45.38	44.75	45.26	47.87	44.96	49.19	48.06	W	50.81	41.17
May	49.59	49.20	50.06	47.65	50.60	54.40	51.76	W	56.91	47.26
June	51.20	50.17	52.07	49.40	52.51	55.59	53.38	W	57.25	W
July	44.39	44.05	44.21	43.26	45.14	47.61	45.53	W	49.17	W
August	34.91	34.97	34.89	33.78	35.33	39.29	35.53	W	41.66	W
September	36.94	38.12	36.88	35.87	36.40	41.17	39.15	W	42.87	W
October	38.92	39.75	38.92	36.71	39.09	40.52	38.70	W	42.20	W
November	35.76	36.81	36.08	34.23	35.49	36.41	34.30	W	38.38	W
December	30.01	31.21	29.89	29.88	29.19	30.07	26.92	W	32.95	W
2015	40.58	40.51	40.38	40.69	40.64	43.58	41.11	W	45.63	37.62
2016										
January	24.42	24.17	23.92	26.10	24.13	24.57	21.65	W	27.15	W
February	23.93	23.18	22.16	28.06	23.45	23.42	20.89	W	25.75	W
March	30.86	31.64	29.68	32.68	29.89	30.56	28.12	W	32.89	W
April	34.19	35.40	33.38	33.38	33.68	33.97	32.02	W	35.69	W
May	39.74	41.31	38.90	38.42	39.16	39.59	37.81	W	41.31	W
June	42.95	44.07	41.90	42.01	42.69	40.17	37.90	W	42.12	W
July	39.67	41.59	38.35	38.29	39.07	36.36	33.32	W	38.76	W
August	39.22	41.23	37.45	38.26	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	36.91	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

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 2015 are final.

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

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

dollars per barrel

Year month	Alaska North Slope	California Kern River	California Midway-Sunset	Heavy Louisiana Sweet	Louisiana Light Sweet	Mars Blend	West Texas Intermediate	West Texas Sour	Wyoming Sweet
1997	14.84	15.02	14.88	-	-	-	19.27	17.77	-
1998	8.47	8.59	8.48	-	-	-	12.89	11.50	-
1999	12.46	14.02	12.22	-	-	-	17.78	16.66	-
2000	23.62	23.88	23.56	-	-	-	29.16	27.66	-
2001	18.18	19.03	19.50	-	-	-	24.62	22.10	-
2002	19.37	19.80	22.81	-	-	-	24.33	23.23	-
2003	23.78	25.24	26.67	-	-	-	29.60	28.18	30.11
2004	33.03	33.42	33.74	37.78	40.24	34.53	39.55	37.29	39.52
2005	47.05	44.67	45.93	51.61	51.95	46.13	53.90	50.72	53.94
2006	56.86	55.05	54.59	63.41	64.04	57.35	63.16	59.03	60.52
2007	63.69	62.14	61.62	70.00	72.93	63.37	69.59	65.56	64.79
2008	90.10	87.27	86.92	103.96	104.51	93.40	97.39	95.31	89.30
2009	54.41	53.94	53.00	58.61	61.26	57.21	57.27	56.63	51.68
2010	72.33	72.80	72.26	78.16	79.28	75.43	76.63	75.03	70.43
2011	98.79	103.14	100.96	106.74	108.48	105.30	92.18	90.77	87.42
2012	98.70	103.41	103.05	106.77	107.53	105.03	91.36	87.94	84.81
2013	95.79	101.33	101.02	105.73	106.32	100.80	95.26	92.51	90.10
2014	86.41	90.38	89.34	95.53	94.37	92.50	85.90	85.66	82.19
2015									
January	39.32	41.97	40.79	50.41	48.48	48.22	43.25	44.06	38.71
February	43.03	46.13	44.95	47.99	48.64	44.90	44.76	45.56	41.67
March	40.44	44.28	43.17	49.05	47.53	45.35	43.00	43.38	38.72
April	48.06	50.32	48.22	54.66	54.87	55.90	49.12	49.59	45.97
May	51.76	55.26	54.54	59.83	59.84	56.27	54.50	55.62	51.35
June	53.38	56.53	55.31	62.74	61.14	61.07	55.48	56.75	52.63
July	45.53	48.18	47.00	45.87	52.31	51.65	47.79	49.93	45.51
August	35.53	40.85	39.85	45.22	44.30	43.76	40.13	41.61	36.68
September	39.15	42.92	40.65	43.57	45.02	40.47	42.78	44.38	38.82
October	38.70	41.31	40.33	45.13	42.33	41.32	43.46	45.28	40.49
November	34.30	37.43	36.32	40.45	40.48	37.03	38.82	39.84	37.63
December	26.92	31.80	30.33	35.60	34.92	32.90	32.23	32.99	30.93
2015	41.11	44.71	43.81	47.83	47.91	46.27	44.58	45.78	41.77
2016									
January	21.65	26.39	24.98	30.14	29.26	27.73	27.32	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	39.21	39.44	37.86
2017									
January	43.91	47.73	47.17	50.28	49.41	45.84	49.42	48.73	47.82

- = 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 2015 are final.

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

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

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 or greater
1997	15.44	16.27	14.87	18.38	18.62	19.26
1998	9.22	9.62	8.50	12.03	12.17	12.80
1999	14.00	15.30	12.50	16.92	17.18	17.64
2000	24.42	25.64	23.64	28.10	28.36	29.09
2001	19.53	19.59	18.18	23.31	23.99	24.43
2002	21.08	20.80	19.39	23.62	23.94	24.26
2003	25.82	25.56	23.80	28.77	29.21	29.66
2004	33.38	35.02	33.21	37.24	39.33	39.97
2005	45.01	46.33	47.09	50.81	53.14	54.06
2006	54.96	57.89	56.18	60.78	61.83	61.86
2007	62.00	64.94	62.83	67.14	69.29	69.17
2008	87.10	91.01	89.55	98.41	96.69	94.95
2009	54.05	55.66	54.30	57.66	56.93	56.66
2010	72.40	75.04	71.78	76.22	76.03	74.48
2011	101.30	103.07	97.12	99.65	94.54	91.87
2012	102.79	101.56	96.64	98.48	93.12	91.01
2013	99.40	100.70	94.13	99.11	96.24	94.76
2014	87.83	91.05	85.48	90.95	86.56	86.12
2015						
January	39.71	43.76	38.68	48.02	43.13	40.87
February	43.58	47.53	42.55	46.40	44.82	43.58
March	42.35	44.43	40.02	46.14	42.85	41.39
April	47.96	51.00	47.49	52.96	49.34	48.87
May	54.11	57.30	51.45	57.21	54.69	54.04
June	56.18	57.25	53.28	59.88	55.73	55.41
July	47.95	49.38	45.38	47.99	47.99	46.86
August	40.76	41.02	35.09	43.65	40.15	38.18
September	42.34	42.74	38.20	42.93	42.52	40.81
October	41.25	42.49	38.34	44.48	43.00	41.79
November	37.26	38.86	33.90	39.32	38.94	37.79
December	31.39	34.15	26.70	34.00	32.56	31.65
2015	43.88	45.71	40.73	46.82	44.67	43.65
2016						
January	26.13	27.33	21.54	28.96	27.31	26.41
February	24.37	25.95	20.75	26.67	26.41	24.81
March	31.93	33.32	27.70	31.90	32.98	31.97
April	34.72	35.99	31.68	35.92	36.51	35.82
May	40.00	41.97	37.41	40.94	42.41	41.44
June	40.44	43.04	37.93	44.51	45.16	44.46
July	37.34	39.42	33.47	41.82	41.55	40.97
August	39.18	40.46	34.17	41.22	41.40	40.44
September	39.39	40.76	34.40	40.88	41.55	40.68
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	39.34	38.23
2017						
January	48.35	49.32	43.77	48.25	49.47	48.12

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 2015 are final.

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

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

Year month	Selected countries							Persian Gulf[b]	Total OPEC[c]	Non OPEC
	Angola	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela			
1997	18.81	18.85	16.72	19.43	15.16	18.59	15.33	15.24	16.26	17.51
1998	12.11	12.56	10.49	12.97	8.87	12.52	9.31	9.09	10.20	11.21
1999	17.46	17.20	15.89	17.32	17.65	19.14	14.33	17.15	15.90	16.84
2000	27.90	29.04	25.39	28.70	24.62	27.21	24.45	24.72	25.56	26.77
2001	23.25	24.25	18.89	24.85	18.98	23.30	18.01	18.89	19.73	21.04
2002	24.09	24.64	21.60	25.38	23.92	24.50	20.13	23.38	22.18	22.93
2003	28.22	28.89	24.83	29.40	25.03	28.76	23.81	25.17	25.36	26.21
2004	37.26	37.73	31.55	38.71	34.08	37.30	31.78	33.08	33.95	33.58
2005	52.48	51.89	43.00	55.95	47.96	54.48	46.39	47.21	49.60	45.79
2006	62.23	59.77	52.91	65.69	56.09	66.03	55.80	56.02	59.18	55.35
2007	67.80	67.93	61.35	76.64	W	69.96	64.10	69.93	69.58	62.69
2008	95.66	91.17	84.61	102.06	93.03	96.33	88.06	91.44	93.15	87.15
2009	57.07	57.90	56.47	64.61	57.87	65.63	55.58	59.53	58.53	57.16
2010	78.18	72.56	72.46	80.83	76.44	W	70.30	75.65	75.23	73.24
2011	111.82	100.21	100.90	115.35	107.08	-	97.23	106.47	105.34	98.49
2012	111.23	106.43	101.84	114.51	106.65	-	100.15	105.45	104.39	95.71
2013	107.71	101.24	98.40	110.06	101.16	W	97.52	100.62	100.57	93.67
2014	W	80.75	86.55	W	95.60	-	84.51	94.03	89.76	82.95
2015										
January	-	42.49	41.19	-	48.14	-	37.99	52.21	42.64	38.89
February	W	50.79	48.12	W	47.92	-	45.85	47.70	47.31	42.43
March	W	47.25	46.89	-	50.64	-	43.51	49.75	45.54	42.63
April	W	54.95	50.49	-	58.95	-	49.03	53.33	50.55	47.41
May	W	56.30	56.80	-	61.80	-	51.99	59.55	54.95	53.59
June	W	56.42	56.78	-	58.31	-	50.34	58.57	54.06	53.70
July	W	46.62	50.71	-	W	-	44.44	50.42	46.61	45.55
August	W	42.35	40.40	-	43.38	-	35.47	43.01	38.21	36.62
September	W	W	40.50	-	44.50	-	36.23	43.87	39.81	35.06
October	W	41.56	40.18	-	42.51	-	37.77	40.68	39.33	36.02
November	-	W	36.16	-	39.87	-	31.68	38.17	33.98	33.30
December	W	28.98	30.12	W	34.75	-	24.91	33.79	29.35	27.57
2015	W	47.52	44.90	W	47.53	-	40.73	46.95	43.25	41.19
2016										
January	W	W	24.12	W	26.24	-	20.73	25.73	25.05	22.45
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	-	27.15	32.32	31.35	28.40
April	W	33.57	30.79	W	37.13	-	29.07	35.67	34.08	31.95
May	W	39.00	39.04	W	42.44	W	36.65	40.55	40.51	37.05
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	36.80
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	R39.80	39.55	W	R42.50	W	R38.39	R41.40	R42.31	R38.33
December	W	45.27	R45.34	W	R48.77	W	R44.75	R47.99	R47.46	R42.35
2016	42.68	35.28	R36.22	R46.20	R39.38	W	R34.71	R38.81	R38.46	R34.89
2017										
January	-	47.92	45.59	W	W	-	46.28	47.48	46.96	43.68

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary.

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

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

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2015 are final.

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

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

Year month	Selected countries								Persian Gulf[a]	Total OPEC[b]	Non OPEC
	Angola	Canada	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela			
1997	20.24	17.63	19.71	17.30	20.64	17.52	20.64	16.35	17.44	17.73	18.45
1998	13.37	11.62	13.26	11.04	14.14	11.16	13.55	10.16	11.18	11.46	12.22
1999	18.37	17.54	18.09	16.12	17.63	17.48	18.26	15.58	17.37	16.94	17.51
2000	29.57	26.69	29.68	26.03	30.04	26.58	29.26	26.05	26.77	27.29	27.80
2001	25.13	20.72	25.88	19.37	26.55	20.98	25.32	19.81	20.73	21.52	22.17
2002	25.43	22.98	25.28	22.09	26.45	24.77	26.35	21.93	24.13	23.83	23.97
2003	30.14	26.76	30.55	25.48	31.07	27.50	30.62	25.70	27.54	27.70	27.68
2004	39.62	34.51	39.03	32.25	40.95	37.11	39.28	33.79	36.53	36.84	35.29
2005	54.31	44.73	53.42	43.47	57.55	50.31	55.28	47.87	49.68	51.36	47.31
2006	64.85	53.90	62.13	53.76	68.26	59.19	67.44	57.37	58.92	61.21	57.14
2007	71.27	60.38	70.91	62.31	78.01	70.78	72.47	66.13	69.83	71.14	63.96
2008	98.18	90.00	93.43	85.97	104.83	94.75	96.95	90.76	93.59	95.49	90.59
2009	61.32	57.60	58.50	57.35	68.01	62.14	63.87	57.78	62.15	61.90	58.58
2010	80.61	72.80	74.25	72.86	83.14	79.29	80.29	72.43	78.60	78.28	74.68
2011	114.05	89.92	102.57	101.21	116.43	108.83	118.45	100.14	108.01	107.84	98.64
2012	114.95	84.24	107.07	102.45	116.88	108.15	W	101.58	107.74	107.56	95.05
2013	110.81	84.41	103.00	99.06	112.87	102.60	111.23	99.34	102.53	102.98	91.99
2014	99.25	81.30	88.29	87.48	102.16	94.91	W	86.88	95.30	93.10	84.67
2015											
January	W	40.45	45.47	41.68	W	50.12	-	40.08	53.01	48.17	42.31
February	W	42.39	53.40	48.29	W	52.44	-	47.93	52.20	51.44	44.86
March	W	41.71	51.25	47.62	W	55.23	W	45.90	54.30	51.13	44.82
April	W	46.67	57.48	52.13	-	59.92	W	52.17	56.99	55.39	49.79
May	60.84	54.06	59.92	57.32	W	62.06	W	53.78	60.92	59.11	55.97
June	61.45	55.42	58.21	57.46	W	58.40	-	52.43	58.17	56.79	56.69
July	53.22	47.98	51.58	51.25	W	51.62	-	46.74	51.93	50.45	49.42
August	54.02	38.29	43.87	41.94	-	45.24	W	38.75	45.70	43.17	40.41
September	53.46	35.29	42.87	40.71	W	44.89	-	37.91	44.94	43.31	37.82
October	47.49	37.64	42.37	40.67	W	42.09	W	39.55	41.81	41.57	39.41
November	47.56	35.67	39.70	36.73	W	39.62	-	33.79	39.43	37.86	36.68
December	38.54	30.25	32.50	30.54	W	34.13	W	26.73	34.33	32.60	30.91
2015	51.73	41.99	49.53	45.51	54.70	49.78	W	42.87	49.43	47.44	44.09
2016											
January	34.83	26.21	26.23	24.82	W	31.07	-	21.64	30.92	28.98	26.25
February	33.04	24.61	26.32	25.19	39.44	31.86	W	23.49	30.69	29.49	25.42
March	36.68	29.40	33.38	29.65	42.86	36.19	W	28.70	34.60	33.87	30.39
April	40.91	34.18	36.71	31.91	W	39.75	-	31.20	38.00	36.78	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	42.73	41.75	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	43.19	42.51	39.60
October	48.88	41.79	43.44	43.44	W	46.95	-	41.61	45.62	45.72	42.64
November	R49.08	39.81	R42.97	40.20	R52.80	R47.04	W	R39.53	R45.68	R44.98	40.52
December	52.55	R43.34	R48.86	R45.84	R55.36	R49.63	W	R45.69	R48.69	R48.56	R44.81
2016	R44.46	R36.26	R38.83	R36.64	R48.04	R41.79	W	R35.50	R40.91	R40.28	R37.15
2017											
January	-	44.27	49.50	46.42	W	50.08	W	47.97	48.88	48.84	45.55

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

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

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

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 2015 are final.

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

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

dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	13.12	14.94	17.49	17.61	19.37	19.88	19.77
1998	7.00	8.95	10.77	11.73	12.91	13.12	12.92
1999	12.13	14.49	17.07	17.33	18.03	18.81	17.00
2000	21.81	23.75	26.49	27.09	28.77	29.55	29.89
2001	16.17	17.23	21.84	21.60	23.84	24.80	25.72
2002	18.78	20.51	23.48	24.20	24.92	25.20	25.16
2003	21.88	24.09	25.65	27.49	28.67	29.35	28.64
2004	28.95	30.53	33.65	35.57	38.51	39.90	39.26
2005	40.54	41.52	49.26	50.82	54.65	56.47	52.83
2006	50.19	51.62	58.25	60.27	64.36	66.43	64.85
2007	56.69	60.14	69.31	71.44	73.46	74.27	70.10
2008	81.25	83.07	96.68	94.56	98.17	102.32	100.20
2009	54.76	54.36	56.30	59.78	63.63	62.10	63.32
2010	69.51	69.72	76.73	77.48	79.45	79.43	81.04
2011	94.66	94.15	103.09	107.24	111.37	114.28	112.74
2012	96.07	94.35	104.28	103.99	106.59	110.99	119.48
2013	93.91	91.27	100.20	101.44	104.26	108.78	103.41
2014	82.40	80.16	92.53	93.77	94.26	99.49	W
2015							
January	36.12	37.19	40.56	48.26	44.79	-	-
February	43.24	40.73	51.51	47.81	49.30	-	-
March	41.68	40.74	47.13	49.07	50.01	W	-
April	47.47	44.71	52.40	55.26	54.20	W	-
May	50.76	50.63	57.31	61.11	60.60	-	-
June	51.61	51.06	56.49	58.88	60.35	W	W
July	43.79	43.36	48.56	51.62	54.06	W	-
August	34.73	34.10	38.43	44.65	44.58	-	-
September	34.74	32.70	41.60	44.02	44.32	-	W
October	35.75	34.14	40.94	44.34	46.13	-	-
November	30.81	31.02	34.68	40.92	42.87	W	-
December	25.06	24.39	31.91	35.43	36.94	-	-
2015	40.07	38.33	47.33	47.85	49.98	54.59	W
2016							
January	20.34	20.28	25.86	27.81	31.02	-	W
February	22.26	21.01	27.87	28.75	31.81	-	W
March	26.57	26.35	30.41	35.27	36.02	-	43.97
April	29.03	29.59	36.10	37.76	40.99	W	W
May	35.85	35.32	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	36.67	34.39	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	R37.63	R36.38	R43.00	R44.07	R46.26	49.59	W
December	R43.28	R40.46	R47.74	R48.54	R50.98	51.15	R52.61
2016	R34.05	R32.66	R38.81	R40.64	R42.85	48.52	R46.94
2017							
January	45.34	41.35	48.00	50.49	50.03	-	-

- = 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 2015 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							
January	40.03	39.79	52.17	50.77	47.48	53.39	W
February	45.77	43.20	51.82	51.89	51.56	48.84	-
March	45.13	42.48	51.32	52.91	50.05	51.66	-
April	50.79	47.45	55.10	57.95	54.76	53.56	-
May	54.00	52.93	58.54	62.19	62.56	W	-
June	54.56	54.32	57.64	59.85	61.64	62.71	W
July	47.27	47.50	51.18	53.06	54.59	54.54	-
August	38.84	37.49	42.89	47.05	48.15	W	-
September	37.30	35.30	43.82	46.06	45.39	W	W
October	38.40	37.27	41.77	44.08	46.40	W	W
November	34.27	33.76	38.97	41.62	45.33	45.46	W
December	29.10	27.95	36.64	35.93	39.34	43.39	W
2015	43.20	41.14	49.58	50.16	50.78	54.54	51.70
2016							
January	22.58	23.84	28.81	32.26	33.96	W	W
February	24.13	23.07	29.89	31.52	32.78	W	W
March	28.88	28.55	34.07	36.42	36.45	W	46.17
April	31.16	31.97	38.03	39.58	41.82	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	42.92	44.37	47.85	48.61	W
August	38.22	36.47	43.35	44.02	45.83	46.60	W
September	37.85	36.77	44.73	44.61	46.71	46.95	W
October	41.56	40.47	45.27	47.69	49.80	50.10	W
November	R39.80	R37.88	R46.14	R46.52	R48.22	50.71	R52.19
December	R44.66	R42.51	R49.73	R50.40	R51.64	52.53	R54.19
2016	R35.82	R34.76	R41.47	R41.95	R44.48	48.12	R48.93
2017							
January	46.64	43.06	50.32	51.72	51.24	W	-

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2015 are final.

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

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

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	6.05	21.88	13.33	34.43	21.28	1.77	1.27
1998	5.84	20.29	13.99	35.62	20.81	1.88	1.57
1999	4.76	17.78	14.18	36.54	21.46	3.72	1.57
2000	6.21	18.88	13.41	36.90	19.83	3.44	1.35
2001	7.97	20.78	11.60	36.10	19.63	2.71	1.21
2002	8.28	22.29	11.44	35.28	18.29	2.67	1.75
2003	8.29	24.25	9.97	35.60	17.19	2.70	1.99
2004	11.13	23.70	8.18	34.57	17.68	2.10	2.64
2005	11.94	22.83	10.20	31.87	16.92	3.68	2.55
2006	13.04	23.28	11.18	28.22	15.73	5.82	2.74
2007	11.72	23.12	11.18	28.86	16.71	5.57	2.84
2008	13.22	23.50	11.51	30.42	14.64	4.24	2.47
2009	14.08	26.11	7.78	29.74	13.76	5.65	2.88
2010	15.13	26.01	5.35	30.73	14.35	5.57	2.86
2011	17.20	27.47	6.02	30.64	13.42	3.58	1.68
2012	16.66	29.77	8.41	28.31	12.84	3.36	0.65
2013	16.20	33.87	8.74	29.98	9.67	1.28	0.27
2014	18.49	36.73	9.78	26.96	7.19	0.75	0.11
2015							
January	16.01	41.24	7.33	27.28	7.14	W	W
February	15.02	41.48	10.70	24.13	8.33	0.35	-
March	20.31	36.19	10.31	27.60	4.57	1.02	-
April	20.36	37.95	11.27	24.61	5.66	0.14	-
May	18.26	34.55	9.80	28.26	W	W	-
June	24.33	32.26	9.67	25.44	6.81	W	W
July	20.21	37.46	8.62	24.09	8.84	0.78	-
August	23.42	36.61	W	24.31	7.75	W	-
September	22.05	35.89	8.69	25.82	7.37	W	W
October	18.60	38.33	7.98	28.55	6.42	W	W
November	18.22	40.95	7.08	26.93	6.57	W	W
December	17.11	43.82	4.57	26.79	7.52	W	W
2015	19.51	38.05	8.63	26.17	7.15	0.43	0.06
2016							
January	14.71	40.07	8.07	28.10	7.60	W	W
February	17.17	40.06	6.89	27.08	7.43	W	W
March	15.82	40.58	6.44	28.91	7.03	W	W
April	15.37	40.60	5.96	26.65	8.75	W	W
May	15.79	44.06	8.63	21.40	7.77	W	W
June	16.03	37.92	10.60	22.94	7.74	W	W
July	16.36	39.08	10.74	23.39	7.66	W	W
August	19.78	35.47	8.22	24.36	10.04	W	W
September	17.04	38.40	7.57	24.27	11.18	W	W
October	17.61	38.79	5.13	25.90	8.75	W	W
November	R17.99	R35.22	R10.62	R22.64	R9.46	R2.36	R1.72
December	R18.05	R40.47	R8.26	R20.52	R8.68	R2.48	R1.54
2016	R16.82	R39.17	R8.15	R24.67	R8.51	R1.45	R1.23
2017							
January	16.34	48.77	W	19.05	8.08	W	-

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2015 are final.

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

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

Year quarter month	Canadian Lloydminster	Iraqi Basrah Light	Mexican Mayan	Nigerian Qua Iboe	Venezuelan Merey
2005	35.13	-	40.69	-	-
2006	44.55	-	51.29	-	-
2007	48.54	-	59.96	-	-
2008	79.33	-	82.99	-	-
2009	50.11	62.98	55.07	65.60	59.89
2010	64.41	74.36	70.36	82.66	70.26
2011	78.41	104.51	98.27	115.82	98.73
2012	77.01	103.17	99.81	115.85	102.04
2013	75.61	99.28	96.87	W	99.26
2014	75.42	92.96	85.83	W	89.86
2015					
January	W	W	40.11	-	W
February	W	-	47.31	-	48.13
March	W	W	45.67	-	45.61
1st quarter average	W	W	44.26	-	44.61
April	W	49.72	49.53	-	49.85
May	W	W	55.16	-	W
June	W	W	56.63	-	W
2nd quarter average	W	52.99	53.57	-	54.93
July	W	W	50.53	-	W
August	W	-	40.55	-	W
September	-	W	39.50	-	W
3rd quarter average	W	W	43.64	-	W
October	-	W	39.14	-	W
November	-	W	35.36	-	W
December	-	W	28.74	W	W
4th quarter average	-	W	34.73	W	W
2015	W	47.59	43.49	W	43.82
2016					
January	-	24.24	24.21	W	W
February	-	W	24.84	W	W
March	-	W	29.22	-	W
1st quarter average	-	26.69	26.05	W	W
April	-	W	30.95	W	W
May	-	W	39.08	W	38.57
June	-	W	42.43	-	42.02
2nd quarter average	-	W	37.45	W	38.53
July	-	W	40.25	-	40.28
August	-	W	38.76	-	39.02
September	-	39.76	38.61	-	39.06
3rd quarter average	-	39.69	39.20	-	39.36
October	-	44.37	43.20	W	42.84
November	-	W	39.73	W	R41.14
December	-	W	R45.55	W	R45.11
4th quarter average	-	44.01	R42.52	W	R43.19
2016	-	36.73	R36.39	W	R37.72
2017					
January	-	46.71	45.75	-	45.98

- = 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 2015 are final.

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

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

dollars per barrel

Year quarter month	Algerian Saharan Blend	Brazilian Marlim	Canadian Bow River Heavy	Canadian Light Sour Blend	Canadian Lloydminster
2005	-	-	39.22	-	37.59
2006	-	-	48.38	-	46.96
2007	-	-	52.36	-	50.94
2008	-	-	84.29	-	82.50
2009	65.95	58.94	55.71	59.12	53.44
2010	81.78	76.63	68.92	76.56	68.13
2011	115.82	107.13	82.02	96.52	82.24
2012	114.02	114.32	77.19	87.82	81.33
2013	113.45	108.43	76.88	90.59	79.34
2014	-	93.08	76.90	85.10	81.87
2015					
January	-	W	35.54	44.11	W
February	-	W	39.38	45.40	40.02
March	-	-	38.53	45.13	43.08
1st quarter average	-	W	37.94	44.85	43.09
April	-	-	43.05	51.51	41.52
May	-	W	49.96	57.72	44.60
June	W	-	54.33	57.62	W
2nd quarter average	W	W	48.87	56.24	47.98
July	-	W	46.98	50.29	W
August	-	-	33.33	44.39	W
September	-	-	30.50	42.33	W
3rd quarter average	-	W	37.08	45.99	W
October	-	W	36.11	43.83	W
November	-	-	31.42	44.27	W
December	-	W	26.11	37.58	W
4th quarter average	-	W	31.39	42.37	W
2015	W	47.77	38.90	47.18	38.51
2016					
January	W	W	21.81	29.17	W
February	-	-	20.43	28.12	W
March	W	-	28.79	34.53	W
1st quarter average	W	W	24.28	30.06	W
April	-	-	30.15	38.30	W
May	W	-	35.84	42.53	W
June	W	-	39.70	46.22	W
2nd quarter average	W	-	36.48	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	-	R41.50	R48.31	W
4th quarter average	51.60	W	R39.28	R45.56	W
2016	49.82	W	R33.43	R40.04	W
2017					
January	-	-	41.70	48.73	W

See footnotes at end of table.

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

dollars per barrel

Year quarter month	Ecuadorian Oriente	Ecuadorian Napo	Iraqi Basrah Light	Mexican Mayan	Nigerian Bonny Light
2005	46.42	-	-	41.54	57.12
2006	56.75	-	-	52.04	69.29
2007	64.57	-	-	60.93	77.90
2008	87.25	-	-	84.29	108.46
2009	56.97	48.74	64.38	56.03	68.30
2010	75.48	72.97	77.96	70.87	84.10
2011	101.74	97.91	106.67	98.81	116.95
2012	105.50	101.53	106.93	100.29	117.70
2013	104.14	100.01	102.70	97.43	W
2014	91.65	93.11	96.95	86.49	W
2015					
January	46.44	W	66.83	40.70	-
February	51.98	W	W	47.69	-
March	50.68	45.89	W	46.42	-
1st quarter average	49.51	44.66	60.44	44.80	-
April	54.79	W	49.93	51.18	-
May	60.87	-	55.30	56.00	W
June	60.38	56.96	56.75	56.70	W
2nd quarter average	58.79	55.92	53.24	54.47	66.10
July	54.90	W	54.12	51.25	-
August	45.21	W	W	42.29	-
September	45.10	41.06	46.17	39.99	-
3rd quarter average	48.62	42.48	50.53	44.39	-
October	45.33	40.83	41.74	39.72	-
November	40.56	W	38.67	36.05	-
December	34.83	26.47	35.18	29.28	W
4th quarter average	40.43	35.41	39.39	35.21	W
2015	49.65	41.84	49.50	44.08	59.92
2016					
January	28.35	26.72	30.55	25.03	W
February	28.24	28.25	27.65	25.46	-
March	35.40	30.07	33.26	29.82	-
1st quarter average	31.19	28.06	30.47	26.83	W
April	38.81	33.81	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	39.55	40.55	38.08	-
July	42.50	38.82	43.53	40.49	-
August	41.32	40.07	41.98	39.39	-
September	43.17	39.27	42.47	39.05	-
3rd quarter average	42.40	39.43	42.63	39.63	-
October	46.21	W	44.91	43.76	-
November	44.69	R42.20	R43.11	40.32	-
December	R48.95	R46.42	R47.72	R45.99	-
4th quarter average	R46.30	R44.00	R44.95	R43.22	-
2016	R40.68	R37.12	R39.76	R36.79	W
2017					
January	51.02	W	48.87	46.60	-

See footnotes at end of table.

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

dollars per barrel

Year quarter month	Nigerian Qua Iboe	Saudi Arabian Light	Saudi Arabian Medium	Saudi Arabian Berri	Venezuelan Merey
2005	-	52.92	48.92	-	-
2006	-	60.51	58.10	-	-
2007	-	71.62	70.09	-	-
2008	-	94.38	91.46	-	-
2009	68.26	63.10	61.87	59.72	60.15
2010	84.44	79.65	78.13	81.14	71.59
2011	117.02	109.43	107.12	110.77	100.36
2012	116.48	108.93	106.83	110.03	103.28
2013	112.47	103.44	101.44	107.00	100.69
2014	W	96.83	94.47	96.68	91.73
2015					
January	-	50.32	50.36	48.87	W
February	-	52.19	51.84	54.93	50.43
March	-	54.29	55.42	W	47.50
1st quarter average	-	52.51	52.97	53.62	46.64
April	-	60.47	58.31	W	52.11
May	-	64.06	60.34	W	W
June	-	59.88	56.99	W	W
2nd quarter average	-	61.34	58.52	W	57.02
July	-	52.08	51.47	53.96	W
August	-	45.49	44.58	47.02	W
September	-	45.63	43.42	49.25	W
3rd quarter average	-	47.47	46.99	49.89	W
October	-	42.07	41.44	48.22	W
November	-	40.40	37.13	45.59	W
December	W	35.37	32.36	W	W
4th quarter average	W	39.55	36.92	45.64	W
2015	W	50.00	48.66	52.83	45.77
2016					
January	W	30.95	31.18	W	W
February	W	31.66	31.36	33.68	W
March	-	36.80	35.39	36.48	30.21
1st quarter average	W	33.11	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	R46.46	R45.60	R48.23	R42.50
December	W	R50.64	R48.01	R51.15	R46.60
4th quarter average	W	R48.35	R46.34	R49.26	R44.56
2016	W	R40.96	R41.25	R45.59	R38.97
2017					
January	-	W	48.50	51.08	47.84

- = 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 2015 are final.

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

Prices of Petroleum Products

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

dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users			Sales to end users			Sales to end users			Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]	Sales for resale	Through retail outlets	Other end users[a]	Sales for resale	Through retail outlets	Other end users[a]	Sales for resale	Through retail outlets	Other end users[a]	
United States												
January 2017	1.831	1.735	1.588	2.112	NA	1.756	2.324	1.955	1.923	1.902	1.767	1.628
December 2016	1.784	1.711	1.547	2.032	1.876	1.702	2.242	1.911	1.861	1.850	1.732	1.585
January 2016	1.426	1.383	1.142	1.760	1.519	1.321	1.963	NA	1.519	1.506	1.411	1.187
PAD District 1												
January 2017	1.784	1.599	1.567	2.042	W	1.726	2.267	1.938	1.909	1.852	1.679	1.607
December 2016	1.712	1.586	1.565	1.967	W	1.719	2.186	W	1.909	1.780	1.617	1.605
January 2016	1.330	NA	1.128	1.569	W	1.281	1.778	W	1.483	1.395	NA	1.170
Subdistrict 1A												
January 2017	W	W	1.594	W	-	1.705	W	-	1.903	W	W	1.629
December 2016	W	W	1.589	W	-	1.697	W	-	1.895	W	W	1.624
January 2016	W	W	1.174	W	-	1.296	W	-	1.480	W	W	1.210
Connecticut												
January 2017	-	W	1.594	-	-	1.719	-	-	1.921	-	W	1.638
December 2016	-	W	1.585	-	-	1.707	-	-	1.915	-	W	1.628
January 2016	-	W	1.172	-	-	1.312	-	-	1.522	-	W	1.220
Maine												
January 2017	-	-	1.627	-	-	W	-	-	W	-	-	1.645
December 2016	-	-	1.621	-	-	W	-	-	W	-	-	1.638
January 2016	-	-	1.234	-	-	W	-	-	W	-	-	1.253
Massachusetts												
January 2017	W	W	1.598	W	-	1.698	W	-	1.878	W	W	1.636
December 2016	W	-	1.594	W	-	1.693	W	-	1.873	W	-	1.633
January 2016	W	-	1.175	W	-	1.284	W	-	1.429	W	-	1.206
New Hampshire												
January 2017	W	-	W	W	-	-	W	-	W	W	-	W
December 2016	W	-	W	W	-	-	W	-	W	W	-	W
January 2016	W	-	W	W	-	-	W	-	W	W	-	W
Rhode Island												
January 2017	W	-	W	W	-	W	W	-	W	W	-	W
December 2016	W	-	W	W	-	W	W	-	W	W	-	W
January 2016	W	-	W	W	-	W	W	-	W	W	-	W
Vermont												
January 2017	-	-	1.580	-	-	W	-	-	1.819	-	-	1.598
December 2016	-	-	1.580	-	-	W	-	-	1.817	-	-	1.598
January 2016	-	-	1.227	-	-	W	-	-	W	-	-	1.253
Subdistrict 1B												
January 2017	1.823	W	1.560	2.066	W	1.686	2.271	W	1.838	1.901	W	1.595
December 2016	1.732	W	1.555	1.976	W	1.666	2.181	W	1.825	1.811	W	1.589
January 2016	1.351	W	1.128	1.571	W	1.239	1.768	W	1.419	1.429	W	1.162
Delaware												
January 2017	W	-	1.579	W	-	1.696	W	-	1.779	W	-	1.599
December 2016	W	-	1.575	W	-	1.678	W	-	1.761	W	-	1.595
January 2016	W	-	1.148	W	-	1.246	W	-	1.335	W	-	1.167
District of Columbia												
January 2017	-	-	-	-	-	-	-	-	-	-	-	-
December 2016	-	-	-	-	-	-	-	-	-	-	-	-
January 2016	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
January 2017	-	W	1.560	-	W	1.665	-	W	1.823	-	W	1.596
December 2016	-	W	1.551	-	W	1.638	-	W	1.820	-	W	1.588
January 2016	-	W	1.115	-	W	1.201	-	W	1.389	-	W	1.156
New Jersey												
January 2017	W	-	1.543	W	-	1.692	W	-	1.800	W	-	1.574
December 2016	W	-	1.541	W	-	1.670	W	-	1.772	W	-	1.572
January 2016	W	-	1.121	W	-	1.278	W	-	1.379	W	-	1.152
New York												
January 2017	1.856	-	1.602	2.099	-	1.820	2.304	-	1.924	1.937	-	1.652
December 2016	1.753	-	1.585	2.002	-	1.778	2.205	-	1.897	1.836	-	1.633
January 2016	1.354	-	1.168	1.573	-	1.342	1.768	-	1.496	1.435	-	1.215
Pennsylvania												
January 2017	W	W	1.538	W	-	1.659	W	-	1.772	W	W	1.560
December 2016	W	-	1.544	W	-	1.664	W	-	1.804	W	-	1.564
January 2016	W	-	1.103	W	-	1.230	W	-	1.390	W	-	1.124

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												
January 2017	W	1.605	1.567	W	NA	1.740	W	W	1.956	W	1.690	1.611
December 2016	W	1.586	1.567	W	NA	1.738	W	W	1.965	W	1.618	1.612
January 2016	W	NA	1.122	W	W	1.292	W	W	1.522	W	NA	1.169
Florida												
January 2017	W	W	1.623	W	-	1.827	W	W	2.001	W	W	1.670
December 2016	W	W	1.592	W	-	1.794	W	W	1.995	W	W	1.642
January 2016	W	W	1.159	W	-	1.357	W	W	1.564	W	W	1.208
Georgia												
January 2017	W	W	1.533	W	-	1.694	W	-	1.957	W	W	1.578
December 2016	W	W	1.552	W	-	1.708	W	-	1.978	W	W	1.597
January 2016	W	W	1.097	W	-	1.247	W	-	1.516	W	W	1.144
North Carolina												
January 2017	W	W	1.532	W	-	1.726	W	-	1.933	W	W	1.573
December 2016	W	W	1.551	W	-	1.740	W	-	1.961	W	W	1.595
January 2016	W	W	1.102	W	-	1.295	W	W	1.500	W	W	1.144
South Carolina												
January 2017	W	W	1.534	W	NA	1.735	W	-	1.931	W	W	1.569
December 2016	W	-	1.545	W	NA	1.736	W	-	1.948	W	NA	1.582
January 2016	W	-	1.107	W	W	1.310	W	-	1.517	W	W	1.148
Virginia												
January 2017	W	-	1.557	W	-	1.696	W	-	1.882	W	-	1.597
December 2016	W	-	1.568	W	-	1.697	W	-	1.894	W	-	1.610
January 2016	W	-	1.114	W	-	1.246	W	-	1.466	W	-	1.161
West Virginia												
January 2017	W	-	1.525	W	-	1.732	W	-	1.977	W	-	1.547
December 2016	W	-	1.566	W	-	1.759	W	-	2.009	W	-	1.588
January 2016	W	W	1.076	W	-	1.269	W	-	1.511	W	W	1.100
PAD District 2												
January 2017	W	1.715	1.543	1.995	W	1.685	2.266	W	1.901	W	1.748	1.571
December 2016	W	NA	1.528	1.999	W	1.649	2.272	W	1.874	W	NA	1.557
January 2016	1.252	1.351	1.017	1.464	W	1.145	1.682	W	1.387	1.285	1.381	1.048
Illinois												
January 2017	W	NA	1.561	W	W	1.727	W	-	2.003	W	NA	1.602
December 2016	W	NA	1.553	W	-	1.723	W	-	2.015	W	NA	1.597
January 2016	W	1.420	1.031	W	-	1.202	W	-	1.538	W	1.420	1.079
Indiana												
January 2017	W	W	1.518	W	-	1.742	W	-	1.929	W	W	1.545
December 2016	W	W	1.521	W	-	1.748	W	-	1.962	W	W	1.550
January 2016	W	W	1.007	W	-	1.239	W	-	1.460	W	W	1.041
Iowa												
January 2017	-	W	1.596	-	-	1.675	-	-	1.801	-	W	1.618
December 2016	-	W	1.508	-	-	1.610	-	-	1.726	-	W	1.529
January 2016	-	W	1.002	-	-	1.095	-	-	1.186	-	W	1.024
Kansas												
January 2017	W	W	1.556	W	W	1.654	-	-	1.706	W	W	1.566
December 2016	W	W	1.484	W	W	1.593	-	-	1.653	W	W	1.498
January 2016	W	W	1.002	W	W	1.132	-	-	1.143	W	W	1.014
Kentucky												
January 2017	W	W	1.610	W	-	1.775	W	W	2.064	W	W	1.638
December 2016	W	NA	1.626	W	-	1.780	W	W	2.091	W	NA	1.655
January 2016	W	W	1.100	W	-	1.264	W	W	1.565	W	W	1.129
Michigan												
January 2017	W	W	1.508	W	-	1.752	W	W	2.016	W	W	1.535
December 2016	W	W	1.540	W	-	1.753	W	NA	2.049	W	W	1.568
January 2016	W	W	0.986	W	-	1.210	W	W	1.547	W	W	1.018
Minnesota												
January 2017	W	W	1.570	W	W	1.624	W	W	1.730	W	W	1.583
December 2016	W	W	1.468	W	W	1.543	W	W	1.644	W	W	1.482
January 2016	W	-	0.963	W	W	1.019	W	-	1.112	W	W	0.975
Missouri												
January 2017	-	W	1.579	-	-	1.741	-	-	1.879	-	W	1.600
December 2016	-	NA	1.526	-	-	1.647	-	-	1.868	-	NA	1.548
January 2016	-	W	1.049	-	-	1.176	-	-	1.352	-	W	1.071

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												
January 2017	W	W	1.585	W	-	1.727	W	-	1.783	W	W	1.605
December 2016	W	W	1.501	W	-	1.648	W	-	1.727	W	W	1.523
January 2016	W	W	1.008	W	-	1.175	W	-	1.223	W	W	1.033
North Dakota												
January 2017	W	W	1.531	W	W	1.639	W	W	1.886	W	W	1.564
December 2016	W	W	1.439	W	W	1.570	W	W	1.849	W	W	1.480
January 2016	W	W	0.993	W	W	1.062	W	W	1.255	W	W	1.017
Ohio												
January 2017	W	W	1.487	W	-	1.720	W	W	1.949	W	W	1.519
December 2016	W	W	1.546	W	-	1.777	W	W	2.002	W	W	1.577
January 2016	W	W	1.010	W	-	1.229	W	W	1.517	W	W	1.046
Oklahoma												
January 2017	W	W	1.567	W	-	1.689	W	-	1.724	W	W	1.585
December 2016	W	W	1.501	W	-	1.600	W	-	NA	W	W	1.513
January 2016	NA	W	1.005	W	-	NA	W	-	1.146	W	W	1.024
South Dakota												
January 2017	W	W	1.571	W	W	1.645	W	-	1.828	W	W	1.593
December 2016	W	W	1.444	W	W	1.531	W	-	1.738	W	W	1.467
January 2016	W	W	1.005	W	W	1.114	W	-	1.282	W	W	1.030
Tennessee												
January 2017	W	W	1.538	W	-	1.692	W	W	1.910	W	W	1.570
December 2016	W	W	1.540	W	-	1.691	W	NA	1.909	W	W	1.572
January 2016	W	W	1.092	W	-	1.234	W	W	1.416	W	W	1.121
Wisconsin												
January 2017	W	W	1.548	W	-	1.682	W	W	1.976	W	W	1.581
December 2016	W	W	1.519	W	-	1.688	W	W	2.021	W	W	1.558
January 2016	W	W	0.978	W	-	1.103	W	W	1.471	W	W	1.012
PAD District 3												
January 2017	1.777	1.656	1.567	1.984	NA	1.686	2.167	1.885	1.844	1.825	1.708	1.592
December 2016	1.652	1.601	1.515	1.869	W	1.656	2.043	NA	1.787	1.702	1.660	1.543
January 2016	NA	1.295	1.087	NA	W	1.201	NA	W	1.378	NA	1.345	1.117
Alabama												
January 2017	-	W	1.540	-	NA	1.783	-	W	2.004	-	W	1.579
December 2016	W	W	1.553	W	W	1.785	W	W	2.028	W	W	1.593
January 2016	W	W	1.074	W	W	1.313	W	W	1.534	W	W	1.116
Arkansas												
January 2017	-	-	1.566	-	-	1.717	-	-	1.857	-	-	1.587
December 2016	-	-	1.512	-	-	1.665	-	-	1.814	-	-	1.534
January 2016	W	-	1.060	W	-	1.218	W	-	1.370	W	-	1.085
Louisiana												
January 2017	-	NA	1.566	-	-	1.660	-	-	1.905	-	NA	1.591
December 2016	-	W	1.523	-	-	1.634	-	-	1.786	-	W	1.555
January 2016	-	W	1.082	-	-	1.162	-	-	1.421	-	W	1.106
Mississippi												
January 2017	-	W	1.571	-	NA	1.721	-	-	1.856	-	W	1.599
December 2016	-	W	1.504	-	W	1.700	-	-	NA	-	W	1.528
January 2016	W	W	1.117	W	W	1.246	W	-	1.418	W	W	1.169
New Mexico												
January 2017	1.822	W	1.583	1.992	-	1.729	W	W	1.878	1.871	W	1.618
December 2016	1.728	W	1.573	1.907	W	1.689	2.072	W	1.852	1.779	W	1.606
January 2016	NA	W	1.147	W	W	1.281	W	W	1.422	W	W	1.182
Texas												
January 2017	W	W	1.568	W	-	1.661	W	W	1.818	W	W	1.592
December 2016	W	W	1.510	W	-	1.622	W	W	1.777	W	W	1.536
January 2016	NA	NA	1.086	NA	W	1.170	NA	W	1.351	NA	1.315	1.113

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												
January 2017	1.839	1.679	1.564	2.013	W	1.745	2.240	W	1.889	W	1.715	1.622
December 2016	1.717	1.515	1.433	1.879	W	1.627	2.121	W	1.738	W	1.564	1.489
January 2016	1.445	1.387	1.117	1.605	W	1.258	1.787	W	1.419	1.517	1.415	1.171
Colorado												
January 2017	1.840	1.828	1.583	2.073	W	1.730	2.364	W	1.961	1.962	1.851	1.646
December 2016	1.675	W	1.495	1.903	W	1.658	2.198	W	1.844	1.797	1.762	1.554
January 2016	1.390	W	1.075	1.622	W	1.223	1.829	W	1.428	1.500	1.392	1.137
Idaho												
January 2017	W	W	1.591	W	-	1.739	W	W	1.831	W	W	1.626
December 2016	W	W	1.440	W	-	1.604	W	W	1.679	W	W	1.475
January 2016	W	W	1.231	W	-	1.381	W	W	1.433	W	W	1.261
Montana												
January 2017	W	W	1.573	W	W	1.709	W	W	2.023	W	W	1.657
December 2016	W	W	1.442	W	W	1.588	W	W	1.890	W	W	1.526
January 2016	W	W	1.117	W	-	1.242	W	W	1.470	W	W	1.181
Utah												
January 2017	W	W	1.546	W	NA	1.799	W	W	1.776	W	W	1.599
December 2016	W	W	1.351	W	NA	1.591	W	W	1.581	W	W	1.403
January 2016	W	W	1.174	W	W	1.344	W	-	1.393	W	W	1.220
Wyoming												
January 2017	W	W	1.462	W	-	1.674	W	-	1.853	W	W	1.514
December 2016	W	W	1.350	W	-	1.606	W	-	1.728	W	W	1.405
January 2016	W	W	1.001	W	-	1.218	W	-	1.390	W	W	1.060
PAD District 5												
January 2017	2.125	1.858	1.731	2.261	NA	1.896	2.406	2.082	1.997	2.194	1.881	1.782
December 2016	2.015	1.833	1.615	2.152	NA	1.783	2.297	2.013	1.882	2.086	1.851	1.667
January 2016	2.048	NA	1.441	2.203	1.829	1.654	2.314	NA	1.752	2.117	NA	1.498
Alaska												
January 2017	W	W	W	W	W	W	W	W	2.224	W	W	W
December 2016	W	W	W	W	W	W	W	W	2.087	W	W	W
January 2016	W	W	W	W	W	W	W	W	1.976	W	W	W
Arizona												
January 2017	W	W	1.616	W	W	1.740	W	W	1.855	W	W	1.645
December 2016	W	W	1.545	W	W	1.684	W	W	1.801	W	W	1.577
January 2016	NA	W	1.234	NA	W	1.342	NA	W	1.479	NA	W	1.264
California												
January 2017	2.147	W	1.798	2.282	W	1.932	W	-	2.048	2.219	W	1.852
December 2016	2.034	1.726	1.665	W	-	1.810	W	-	1.923	W	1.726	1.721
January 2016	W	1.647	1.595	W	NA	1.759	W	W	1.874	W	1.664	1.652
Hawaii												
January 2017	W	W	W	W	NA	W	W	W	W	W	W	W
December 2016	W	W	W	W	W	W	W	-	W	W	W	W
January 2016	W	W	W	W	W	W	W	W	W	W	W	W
Nevada												
January 2017	W	W	1.587	W	-	1.664	W	-	1.784	W	W	1.629
December 2016	W	W	1.489	W	-	1.591	W	-	1.697	W	W	1.533
January 2016	NA	W	1.428	NA	-	1.661	NA	W	1.674	NA	W	1.481
Oregon												
January 2017	2.067	-	1.589	2.222	-	1.770	2.339	-	1.863	2.106	-	1.618
December 2016	1.932	-	1.521	2.116	-	1.694	2.239	-	1.776	1.977	-	1.550
January 2016	1.732	-	1.129	1.886	-	1.298	1.992	-	1.389	1.771	-	1.158
Washington												
January 2017	2.031	W	1.633	2.197	W	1.809	2.326	W	1.904	2.080	W	1.677
December 2016	1.893	W	1.514	2.064	W	1.697	2.192	W	1.789	1.945	W	1.561
January 2016	1.618	W	1.095	1.750	W	1.265	1.885	W	1.380	1.666	W	1.141

- = 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						
January 2017	W	2.614	1.583	1.562	W	1.761
December 2016	W	2.462	1.539	1.511	W	1.685
January 2016	W	2.122	1.038	1.022	W	1.183
PAD District 1						
January 2017	W	2.698	1.606	1.578	W	1.819
December 2016	W	2.573	1.535	1.520	W	1.760
January 2016	W	2.134	1.018	1.024	W	1.244
Subdistrict 1A						
January 2017	W	W	1.680	1.630	W	-
December 2016	-	W	1.564	W	W	-
January 2016	-	W	W	1.052	W	W
Connecticut						
January 2017	-	-	W	W	-	-
December 2016	-	-	W	W	-	-
January 2016	-	-	W	W	-	W
Maine						
January 2017	W	W	W	W	-	-
December 2016	-	W	W	W	-	-
January 2016	-	W	W	W	-	-
Massachusetts						
January 2017	-	-	W	W	W	-
December 2016	-	-	W	W	W	-
January 2016	-	-	W	W	W	-
New Hampshire						
January 2017	-	-	W	W	W	-
December 2016	-	-	W	W	W	-
January 2016	-	-	W	-	W	-
Rhode Island						
January 2017	-	-	W	W	W	-
December 2016	-	-	W	W	W	-
January 2016	-	-	W	W	W	-
Vermont						
January 2017	-	-	W	W	-	-
December 2016	-	-	W	W	-	-
January 2016	-	-	W	-	-	-
Subdistrict 1B						
January 2017	-	W	1.580	1.562	W	1.768
December 2016	W	W	1.504	1.500	2.595	1.700
January 2016	-	W	0.996	0.996	W	1.191
Delaware						
January 2017	-	-	-	-	W	-
December 2016	-	-	-	-	W	-
January 2016	-	-	-	-	W	-
District of Columbia						
January 2017	-	-	-	-	-	-
December 2016	-	-	-	-	-	-
January 2016	-	-	-	-	-	-
Maryland						
January 2017	-	-	W	1.587	-	W
December 2016	-	-	W	1.511	-	W
January 2016	-	-	W	W	-	W
New Jersey						
January 2017	-	-	1.559	1.566	W	1.733
December 2016	-	-	1.502	1.483	W	W
January 2016	-	-	0.976	1.010	W	1.091
New York						
January 2017	-	W	W	1.612	W	W
December 2016	W	W	W	1.538	W	W
January 2016	-	W	W	1.071	W	W
Pennsylvania						
January 2017	-	W	W	1.551	W	W
December 2016	-	W	W	1.521	2.587	W
January 2016	-	W	W	0.934	W	1.732

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						
January 2017	W	2.681	1.618	1.605	W	2.133
December 2016	W	2.549	1.571	1.541	W	2.155
January 2016	W	2.115	1.062	1.048	W	1.382
Florida						
January 2017	-	2.642	W	1.608	W	-
December 2016	-	2.494	1.595	1.548	W	-
January 2016	-	2.070	1.073	1.052	W	-
Georgia						
January 2017	-	W	W	1.609	-	W
December 2016	W	2.649	W	1.534	-	W
January 2016	W	2.180	W	1.023	W	W
North Carolina						
January 2017	W	W	W	W	W	W
December 2016	W	W	W	W	W	W
January 2016	W	W	W	1.029	W	W
South Carolina						
January 2017	-	-	W	1.605	W	W
December 2016	-	-	W	1.520	W	W
January 2016	-	-	W	W	W	W
Virginia						
January 2017	-	W	1.576	1.581	-	W
December 2016	-	W	1.503	1.533	-	W
January 2016	-	W	1.033	W	W	W
West Virginia						
January 2017	-	-	W	W	W	-
December 2016	-	-	W	W	W	-
January 2016	-	-	W	W	W	-
PAD District 2						
January 2017	W	2.524	1.595	1.576	W	2.022
December 2016	W	2.457	1.521	1.532	W	2.075
January 2016	W	2.088	1.029	0.988	W	1.465
Illinois						
January 2017	W	W	1.613	W	W	W
December 2016	W	W	1.543	W	W	W
January 2016	W	W	1.046	W	W	W
Indiana						
January 2017	-	-	1.577	1.575	W	W
December 2016	-	-	NA	1.544	W	W
January 2016	-	-	1.046	1.013	W	W
Iowa						
January 2017	-	-	W	1.655	-	W
December 2016	-	-	1.602	W	-	W
January 2016	-	-	W	W	-	W
Kansas						
January 2017	W	W	W	W	-	W
December 2016	W	W	W	W	-	W
January 2016	W	W	W	W	-	W
Kentucky						
January 2017	-	W	W	1.575	W	W
December 2016	-	W	W	1.481	W	W
January 2016	-	W	W	W	W	W
Michigan						
January 2017	-	-	1.583	1.545	W	W
December 2016	W	-	1.511	1.501	W	W
January 2016	-	-	W	0.982	W	W
Minnesota						
January 2017	W	W	W	W	W	W
December 2016	-	W	W	W	W	W
January 2016	W	W	1.002	W	W	W
Missouri						
January 2017	W	-	W	W	-	W
December 2016	W	-	W	W	-	W
January 2016	W	-	W	W	-	-

See footnotes at end of table.

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

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
January 2017	W	-	W	W	-	-
December 2016	W	-	W	W	-	-
January 2016	W	-	W	W	-	W
North Dakota						
January 2017	-	-	W	W	-	W
December 2016	-	-	W	W	-	W
January 2016	-	-	W	W	-	W
Ohio						
January 2017	W	-	1.600	1.545	W	W
December 2016	-	-	1.534	1.486	W	W
January 2016	-	-	1.025	W	W	W
Oklahoma						
January 2017	W	-	W	1.571	-	W
December 2016	W	-	W	1.532	-	W
January 2016	W	-	W	1.032	-	W
South Dakota						
January 2017	-	-	W	-	W	-
December 2016	-	-	W	-	-	W
January 2016	-	-	1.227	W	-	-
Tennessee						
January 2017	-	W	W	1.602	W	W
December 2016	W	2.636	W	1.513	W	W
January 2016	W	2.248	W	1.017	W	W
Wisconsin						
January 2017	-	-	W	W	W	W
December 2016	-	-	W	W	W	1.935
January 2016	-	-	W	W	W	W
PAD District 3						
January 2017	W	2.482	1.554	1.538	-	1.565
December 2016	W	2.362	1.512	1.465	-	1.535
January 2016	W	1.947	1.018	1.003	W	1.050
Alabama						
January 2017	-	-	1.559	1.601	-	W
December 2016	-	W	1.494	1.527	-	W
January 2016	-	W	0.998	1.039	W	W
Arkansas						
January 2017	W	-	W	W	-	-
December 2016	W	-	W	W	-	W
January 2016	W	-	W	W	-	-
Louisiana						
January 2017	-	2.591	1.534	1.517	-	W
December 2016	W	2.465	1.439	1.432	-	W
January 2016	-	1.975	1.022	1.003	-	W
Mississippi						
January 2017	-	W	1.526	1.535	-	W
December 2016	-	W	1.502	1.469	-	W
January 2016	-	W	0.933	0.986	W	W
New Mexico						
January 2017	W	-	W	W	-	-
December 2016	W	-	W	W	-	-
January 2016	W	-	W	1.069	-	-
Texas						
January 2017	W	2.469	1.565	1.556	-	NA
December 2016	W	W	1.530	1.483	-	W
January 2016	W	W	1.028	1.009	-	0.949

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						
January 2017	W	W	1.642	1.625	-	-
December 2016	W	W	1.581	1.572	-	-
January 2016	W	W	1.088	1.095	-	-
Colorado						
January 2017	W	-	1.627	1.624	-	-
December 2016	W	-	1.549	1.567	-	-
January 2016	W	-	1.057	1.066	-	-
Idaho						
January 2017	-	-	W	1.705	-	-
December 2016	-	-	W	1.694	-	-
January 2016	-	-	W	1.248	-	-
Montana						
January 2017	-	W	W	W	-	-
December 2016	NA	W	W	W	-	-
January 2016	W	W	W	W	-	-
Utah						
January 2017	W	W	1.636	1.612	-	-
December 2016	W	W	1.578	1.572	-	-
January 2016	-	W	1.090	1.187	-	-
Wyoming						
January 2017	-	-	W	W	-	-
December 2016	-	-	W	W	-	-
January 2016	-	-	W	W	-	-
PAD District 5						
January 2017	W	2.825	1.583	1.568	W	W
December 2016	W	2.446	1.562	1.554	W	W
January 2016	W	2.536	1.066	1.072	-	W
Alaska						
January 2017	W	-	W	W	-	-
December 2016	W	-	W	W	-	-
January 2016	W	W	W	1.154	-	-
Arizona						
January 2017	W	W	1.626	1.604	-	-
December 2016	W	W	1.595	1.588	-	-
January 2016	W	W	1.090	NA	-	-
California						
January 2017	-	2.748	1.555	1.555	-	W
December 2016	-	W	1.543	1.543	-	W
January 2016	-	2.656	1.046	1.064	-	W
Hawaii						
January 2017	-	W	W	W	-	-
December 2016	-	W	W	W	-	-
January 2016	-	W	W	W	-	-
Nevada						
January 2017	-	-	W	W	-	-
December 2016	-	-	W	W	-	-
January 2016	-	-	W	W	-	-
Oregon						
January 2017	-	W	1.609	1.599	-	-
December 2016	-	2.596	1.595	1.584	-	-
January 2016	-	W	1.109	W	-	-
Washington						
January 2017	-	W	1.551	1.558	W	-
December 2016	-	W	1.533	1.554	W	-
January 2016	-	W	1.060	1.058	-	-

-- = 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						
January 2017	2.138	1.964	1.751	1.629	W	W
December 2016	NA	1.851	1.721	1.597	-	W
January 2016	NA	1.263	1.201	1.012	W	0.739
PAD District 1						
January 2017	-	W	1.819	1.628	-	-
December 2016	W	W	1.815	1.621	-	-
January 2016	-	W	1.336	1.019	-	-
Subdistrict 1A						
January 2017	-	W	1.979	1.643	-	-
December 2016	-	W	1.947	1.635	-	-
January 2016	-	W	1.601	1.035	-	-
Connecticut						
January 2017	-	-	W	1.601	-	-
December 2016	-	-	W	1.605	-	-
January 2016	-	-	W	1.012	-	-
Maine						
January 2017	-	W	-	1.809	-	-
December 2016	-	W	-	1.767	-	-
January 2016	-	-	-	1.312	-	-
Massachusetts						
January 2017	-	-	W	1.708	-	-
December 2016	-	-	W	1.712	-	-
January 2016	-	-	W	1.090	-	-
New Hampshire						
January 2017	-	W	W	W	-	-
December 2016	-	W	W	W	-	-
January 2016	-	-	W	W	-	-
Rhode Island						
January 2017	-	-	W	W	-	-
December 2016	-	-	W	W	-	-
January 2016	-	-	W	W	-	-
Vermont						
January 2017	-	W	W	W	-	-
December 2016	-	W	W	W	-	-
January 2016	-	W	W	W	-	-
Subdistrict 1B						
January 2017	-	W	1.828	1.607	-	-
December 2016	W	W	1.815	1.592	-	-
January 2016	-	W	1.316	0.997	-	-
Delaware						
January 2017	-	-	1.871	1.607	-	-
December 2016	-	-	W	1.602	-	-
January 2016	-	-	W	0.978	-	-
District of Columbia						
January 2017	-	-	-	W	-	-
December 2016	-	-	-	W	-	-
January 2016	-	-	-	W	-	-
Maryland						
January 2017	-	-	W	1.623	-	-
December 2016	-	-	W	1.622	-	-
January 2016	-	-	W	0.989	-	-
New Jersey						
January 2017	-	-	1.829	1.592	-	-
December 2016	-	-	1.832	1.574	-	-
January 2016	-	-	1.315	0.975	-	-
New York						
January 2017	-	W	1.987	1.610	-	-
December 2016	-	W	1.914	1.619	-	-
January 2016	-	W	1.470	1.042	-	-
Pennsylvania						
January 2017	-	W	1.756	1.619	-	-
December 2016	W	W	1.740	1.599	-	-
January 2016	-	W	1.284	1.003	-	-

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						
January 2017	-	W	1.807	1.654	-	-
December 2016	-	W	1.810	1.665	-	-
January 2016	-	W	1.339	1.047	-	-
Florida						
January 2017	-	-	1.801	1.676	-	-
December 2016	-	-	1.805	1.696	-	-
January 2016	-	-	1.301	1.107	-	-
Georgia						
January 2017	-	W	1.654	1.645	-	-
December 2016	-	W	1.705	1.655	-	-
January 2016	-	W	1.277	1.019	-	-
North Carolina						
January 2017	-	-	1.817	1.642	-	-
December 2016	-	-	1.823	1.631	-	-
January 2016	-	-	1.350	1.025	-	-
South Carolina						
January 2017	-	-	W	1.654	-	-
December 2016	-	-	W	1.654	-	-
January 2016	-	-	W	1.028	-	-
Virginia						
January 2017	-	-	1.753	1.644	-	-
December 2016	-	-	1.734	1.656	-	-
January 2016	-	-	1.378	1.020	-	-
West Virginia						
January 2017	-	-	W	1.616	-	-
December 2016	-	-	W	1.668	-	-
January 2016	-	-	W	0.996	-	-
PAD District 2						
January 2017	2.252	1.959	1.723	1.604	-	W
December 2016	2.198	1.837	1.689	1.586	-	W
January 2016	1.558	1.244	1.159	1.001	-	W
Illinois						
January 2017	W	W	W	1.561	-	-
December 2016	W	W	W	1.550	-	-
January 2016	W	1.791	1.314	0.992	-	-
Indiana						
January 2017	-	W	W	1.573	-	-
December 2016	-	W	W	1.556	-	-
January 2016	-	W	W	0.998	-	-
Iowa						
January 2017	-	1.873	1.734	1.662	-	-
December 2016	-	1.822	1.693	1.622	-	-
January 2016	W	1.246	1.085	1.035	-	-
Kansas						
January 2017	W	1.872	1.608	1.626	-	-
December 2016	-	1.829	W	1.589	-	-
January 2016	-	1.254	0.966	1.000	-	-
Kentucky						
January 2017	W	W	W	1.615	-	W
December 2016	-	W	W	1.635	-	W
January 2016	-	W	W	1.029	-	W
Michigan						
January 2017	W	2.426	W	1.567	-	-
December 2016	W	NA	W	1.598	-	-
January 2016	W	1.736	W	1.008	-	-
Minnesota						
January 2017	2.348	1.889	1.715	1.655	-	-
December 2016	2.298	1.807	1.687	1.612	-	-
January 2016	1.393	1.194	1.114	1.054	-	-
Missouri						
January 2017	-	1.944	W	1.636	-	-
December 2016	-	1.883	NA	1.608	-	-
January 2016	-	1.278	W	1.003	-	-

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						
January 2017	W	1.875	W	1.660	-	-
December 2016	W	1.820	W	1.625	-	-
January 2016	W	1.274	W	1.029	-	-
North Dakota						
January 2017	W	1.981	W	1.586	-	-
December 2016	W	1.746	W	1.472	-	-
January 2016	W	1.010	W	0.881	-	-
Ohio						
January 2017	-	W	1.741	1.577	-	-
December 2016	-	W	1.714	1.596	-	-
January 2016	-	W	1.211	0.987	-	-
Oklahoma						
January 2017	-	W	1.743	1.607	-	-
December 2016	-	W	W	1.560	-	-
January 2016	-	W	W	0.986	-	-
South Dakota						
January 2017	W	1.894	W	1.685	-	-
December 2016	W	1.823	W	1.624	-	-
January 2016	W	1.284	1.414	1.038	-	-
Tennessee						
January 2017	-	-	1.783	1.638	-	-
December 2016	-	W	1.780	1.636	-	-
January 2016	-	W	1.211	1.011	-	-
Wisconsin						
January 2017	W	W	1.648	1.637	-	-
December 2016	W	W	1.634	1.613	-	-
January 2016	W	1.305	1.349	1.038	-	-
PAD District 3						
January 2017	-	W	1.690	1.611	-	W
December 2016	-	W	1.673	1.563	-	W
January 2016	-	-	1.095	1.001	-	W
Alabama						
January 2017	-	-	1.701	1.637	-	-
December 2016	-	-	1.688	1.645	-	-
January 2016	-	-	1.149	0.994	-	-
Arkansas						
January 2017	-	-	W	1.646	-	-
December 2016	-	-	W	1.599	-	-
January 2016	-	-	W	1.012	-	-
Louisiana						
January 2017	-	W	W	1.586	-	-
December 2016	-	W	1.740	1.526	-	-
January 2016	-	-	W	0.982	-	-
Mississippi						
January 2017	-	-	1.703	1.620	-	-
December 2016	-	-	W	1.579	-	-
January 2016	-	-	1.094	0.984	-	-
New Mexico						
January 2017	-	-	1.799	1.654	-	-
December 2016	-	-	NA	1.660	-	-
January 2016	-	-	1.147	1.019	-	-
Texas						
January 2017	-	-	1.665	1.616	-	W
December 2016	-	-	1.660	1.570	-	W
January 2016	-	-	1.046	1.007	-	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						
January 2017	2.100	1.957	1.677	1.605	W	-
December 2016	2.057	1.869	1.658	1.585	-	-
January 2016	1.466	1.254	1.069	0.939	W	-
Colorado						
January 2017	W	1.884	1.678	1.630	-	-
December 2016	W	1.875	1.658	1.623	-	-
January 2016	W	1.229	1.095	0.943	-	-
Idaho						
January 2017	W	1.985	1.765	1.600	-	-
December 2016	W	1.991	1.799	1.590	-	-
January 2016	W	1.504	1.227	0.978	-	-
Montana						
January 2017	W	1.984	1.765	1.647	-	-
December 2016	W	1.780	1.723	1.524	-	-
January 2016	W	1.177	1.228	0.950	-	-
Utah						
January 2017	W	2.016	1.608	1.554	W	-
December 2016	W	2.023	1.629	1.565	-	-
January 2016	W	1.354	1.016	0.918	W	-
Wyoming						
January 2017	W	1.959	1.662	1.612	-	-
December 2016	W	1.881	1.626	1.604	-	-
January 2016	-	1.257	1.024	0.929	-	-
PAD District 5						
January 2017	W	1.976	1.883	1.751	-	-
December 2016	NA	1.876	1.793	1.691	-	-
January 2016	W	1.295	1.371	1.082	-	-
Alaska						
January 2017	W	W	W	W	-	-
December 2016	W	W	W	W	-	-
January 2016	W	1.351	W	W	-	-
Arizona						
January 2017	-	-	1.939	1.755	-	-
December 2016	-	-	NA	1.717	-	-
January 2016	-	-	1.244	1.093	-	-
California						
January 2017	-	-	1.829	1.763	-	-
December 2016	-	-	1.759	1.704	-	-
January 2016	-	-	1.309	1.126	-	-
Hawaii						
January 2017	-	-	W	W	-	-
December 2016	-	-	W	W	-	-
January 2016	-	-	W	W	-	-
Nevada						
January 2017	-	-	NA	1.721	-	-
December 2016	-	-	1.855	1.677	-	-
January 2016	-	-	1.240	1.099	-	-
Oregon						
January 2017	-	W	1.849	1.698	-	-
December 2016	-	W	1.867	1.674	-	-
January 2016	-	W	1.355	1.008	-	-
Washington						
January 2017	W	W	1.880	1.734	-	-
December 2016	W	W	1.829	1.639	-	-
January 2016	W	W	1.228	0.975	-	-

- = 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										
January 2017	18,752.0	18,950.5	16,340.4	211,672.2	15,474.1	1,593.5	1,603.4	282.0	2,001.8	-
December 2016	19,612.6	19,840.0	17,600.8	227,177.2	16,177.0	1,702.6	1,714.4	302.2	2,239.4	-
January 2016	19,900.1	20,158.6	17,210.5	214,415.2	18,171.6	1,681.6	1,691.0	325.2	2,428.2	-
PAD District 1										
January 2017	6,153.0	6,165.7	W	W	1,969.4	528.5	532.1	W	W	-
December 2016	6,560.6	6,572.8	W	W	2,035.4	573.8	578.0	W	W	-
January 2016	6,525.1	6,537.7	W	63,878.1	W	563.8	565.9	W	W	-
Subdistrict 1A										
January 2017	W	W	W	W	W	W	W	W	W	-
December 2016	W	W	W	W	W	W	W	W	W	-
January 2016	W	W	W	W	W	W	W	W	W	-
Connecticut										
January 2017	-	W	W	W	W	-	-	W	W	-
December 2016	-	W	W	W	W	-	-	W	W	-
January 2016	-	W	W	2,108.3	W	-	-	W	W	-
Maine										
January 2017	-	-	-	535.1	-	-	-	-	W	-
December 2016	-	-	-	581.4	-	-	-	-	W	-
January 2016	-	-	-	566.2	-	-	-	-	W	-
Massachusetts										
January 2017	W	W	W	W	-	W	W	-	4.5	-
December 2016	W	W	W	W	-	W	W	-	5.3	-
January 2016	W	W	-	895.6	-	W	W	-	7.5	-
New Hampshire										
January 2017	W	W	W	W	-	W	W	-	-	-
December 2016	W	W	W	W	-	W	W	-	-	-
January 2016	W	W	-	W	-	W	W	-	-	-
Rhode Island										
January 2017	W	W	W	688.5	W	W	W	-	W	-
December 2016	W	W	W	762.2	W	W	W	-	W	-
January 2016	W	W	W	W	W	W	W	-	W	-
Vermont										
January 2017	-	-	W	W	-	-	-	-	W	-
December 2016	-	-	W	W	-	-	-	-	W	-
January 2016	-	-	-	87.8	-	-	-	-	W	-
Subdistrict 1B										
January 2017	2,933.1	2,934.6	W	19,727.1	W	313.3	313.5	W	W	-
December 2016	3,154.7	3,156.3	W	21,243.1	W	340.5	340.6	W	W	-
January 2016	2,883.1	2,883.9	W	W	2,012.3	321.7	321.8	W	W	-
Delaware										
January 2017	W	W	-	876.7	-	W	W	-	8.4	-
December 2016	W	W	-	946.4	-	W	W	-	9.9	-
January 2016	W	W	W	W	-	W	W	-	8.8	-
District of Columbia										
January 2017	-	-	-	-	-	-	-	-	-	-
December 2016	-	-	-	-	-	-	-	-	-	-
January 2016	-	-	-	-	-	-	-	-	-	-
Maryland										
January 2017	-	W	W	W	W	-	W	-	55.8	-
December 2016	-	W	W	W	W	-	W	-	64.1	-
January 2016	-	W	W	W	W	-	W	-	74.5	-
New Jersey										
January 2017	W	W	W	6,448.9	W	W	W	W	W	-
December 2016	W	W	W	6,760.2	W	W	W	W	W	-
January 2016	W	W	W	6,371.9	W	W	W	W	W	-
New York										
January 2017	1,806.6	1,806.6	W	4,604.4	W	198.7	198.7	W	W	-
December 2016	1,937.1	1,937.1	W	4,856.0	W	216.2	216.2	W	W	-
January 2016	1,746.6	1,746.6	W	4,790.5	W	203.2	203.2	W	W	-
Pennsylvania										
January 2017	W	W	-	W	W	W	W	-	22.7	-
December 2016	W	W	-	W	W	W	W	-	31.9	-
January 2016	W	W	-	W	W	W	W	-	31.2	-

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	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										
January 2017	2,346.9	2,368.3	4,536.1	25,202.1	1,723.0	22,692.5	22,922.1	21,158.5	238,876.2	17,197.1
December 2016	2,523.3	2,540.9	4,918.8	27,479.0	2,560.7	23,838.6	24,095.3	22,821.9	256,895.5	18,737.6
January 2016	2,532.6	2,566.6	4,578.0	26,108.4	2,075.2	24,114.3	24,416.3	22,113.6	242,951.7	20,246.9
PAD District 1										
January 2017	756.9	759.0	W	7,845.1	W	7,438.4	7,456.7	W	70,698.0	W
December 2016	826.7	826.9	W	8,620.7	W	7,961.2	7,977.7	W	76,282.1	W
January 2016	859.2	859.5	W	W	W	7,948.1	7,963.2	W	72,875.7	W
Subdistrict 1A										
January 2017	W	W	W	W	-	W	W	W	4,617.2	W
December 2016	W	W	W	W	-	W	W	W	W	W
January 2016	W	W	W	W	W	W	W	W	4,986.4	W
Connecticut										
January 2017	-	-	W	W	-	-	W	W	2,253.3	W
December 2016	-	-	W	W	-	-	W	W	2,475.8	W
January 2016	-	-	W	W	W	-	W	W	2,451.2	W
Maine										
January 2017	-	-	W	32.0	-	-	-	W	W	-
December 2016	-	-	W	32.9	-	-	-	W	W	-
January 2016	-	-	-	W	-	-	-	-	607.4	-
Massachusetts										
January 2017	W	W	W	W	-	W	W	W	W	-
December 2016	W	W	W	W	-	W	W	W	W	-
January 2016	W	W	-	119.9	-	W	W	-	1,023.1	-
New Hampshire										
January 2017	W	W	W	W	-	W	W	W	W	-
December 2016	W	W	W	W	-	W	W	W	W	-
January 2016	W	W	-	W	-	W	W	-	W	-
Rhode Island										
January 2017	W	W	W	W	-	W	W	W	807.9	W
December 2016	W	W	W	W	-	W	W	W	897.8	W
January 2016	W	W	W	W	W	W	W	W	W	W
Vermont										
January 2017	-	-	W	W	-	-	-	W	W	-
December 2016	-	-	W	W	-	-	-	W	W	-
January 2016	-	-	-	W	-	-	-	-	95.2	-
Subdistrict 1B										
January 2017	479.6	479.7	W	W	W	3,726.0	3,727.8	W	22,407.4	W
December 2016	522.8	522.9	W	W	W	4,018.0	4,019.8	W	24,227.5	W
January 2016	529.7	529.8	W	2,652.8	W	3,734.5	3,735.5	W	22,740.0	W
Delaware										
January 2017	W	W	-	95.9	-	W	W	-	981.0	-
December 2016	W	W	-	105.1	-	W	W	-	1,061.3	-
January 2016	W	W	-	90.2	-	W	W	W	W	-
District of Columbia										
January 2017	-	-	-	-	-	-	-	-	-	-
December 2016	-	-	-	-	-	-	-	-	-	-
January 2016	-	-	-	-	-	-	-	-	-	-
Maryland										
January 2017	-	W	-	W	W	-	W	W	3,771.5	W
December 2016	-	W	-	W	W	-	W	W	W	W
January 2016	-	W	-	W	W	-	W	W	3,805.5	W
New Jersey										
January 2017	W	W	W	863.9	W	W	W	W	W	334.5
December 2016	W	W	W	W	W	W	W	W	7,736.3	W
January 2016	W	W	W	W	W	W	W	W	7,268.0	W
New York										
January 2017	310.7	310.7	W	W	W	2,316.1	2,316.1	W	5,304.9	W
December 2016	337.4	337.4	W	W	W	2,490.6	2,490.6	W	5,605.2	W
January 2016	340.7	340.7	W	W	W	2,290.5	2,290.5	W	5,476.0	W
Pennsylvania										
January 2017	W	W	-	W	W	W	W	-	W	W
December 2016	W	W	-	W	W	W	W	-	W	W
January 2016	W	W	-	466.0	-	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										
January 2017	W	W	-	38,556.6	-	W	W	-	419.9	-
December 2016	W	W	-	W	W	W	W	-	465.2	-
January 2016	W	W	W	39,588.6	W	W	W	W	W	-
Florida										
January 2017	W	W	-	13,234.3	-	W	W	-	99.6	-
December 2016	W	W	-	14,031.5	-	W	W	-	106.6	-
January 2016	W	W	W	13,637.3	W	W	W	-	126.8	-
Georgia										
January 2017	W	W	-	7,285.6	-	W	W	-	53.2	-
December 2016	W	W	-	W	W	W	W	-	60.2	-
January 2016	W	107.6	W	W	-	W	W	W	W	-
North Carolina										
January 2017	W	W	-	7,678.5	-	W	W	-	120.4	-
December 2016	W	W	-	8,404.8	-	W	W	-	133.8	-
January 2016	W	W	-	W	W	W	W	-	150.9	-
South Carolina										
January 2017	W	W	-	3,950.4	-	W	W	-	39.0	-
December 2016	W	W	-	W	W	W	W	-	41.9	-
January 2016	W	W	-	3,880.5	-	W	W	-	53.4	-
Virginia										
January 2017	W	W	-	5,711.4	-	W	W	-	100.6	-
December 2016	W	W	-	6,378.0	-	W	W	-	114.2	-
January 2016	W	W	W	W	-	W	W	-	120.2	-
West Virginia										
January 2017	W	W	-	696.3	-	W	W	-	7.2	-
December 2016	W	W	-	779.2	-	W	W	-	8.6	-
January 2016	W	W	-	649.4	-	W	W	-	8.3	-
PAD District 2										
January 2017	W	W	W	W	1,722.0	303.4	306.8	W	W	-
December 2016	W	W	W	W	1,192.1	327.5	331.9	W	W	-
January 2016	8,216.4	8,319.6	W	W	2,094.8	365.1	368.1	W	W	-
Illinois										
January 2017	W	W	-	W	W	W	W	-	94.5	-
December 2016	W	W	-	W	W	W	W	-	103.4	-
January 2016	W	W	-	W	W	W	W	-	124.7	-
Indiana										
January 2017	W	W	-	W	W	W	W	-	33.5	-
December 2016	W	W	-	W	W	W	W	-	39.0	-
January 2016	W	W	-	W	W	W	W	-	42.5	-
Iowa										
January 2017	-	W	-	2,214.4	-	-	-	-	55.6	-
December 2016	-	W	-	2,844.2	-	-	-	-	66.1	-
January 2016	-	W	-	2,498.2	-	-	-	-	76.3	-
Kansas										
January 2017	W	W	-	W	W	W	W	-	24.6	-
December 2016	W	W	-	W	W	W	W	-	28.0	-
January 2016	W	W	-	W	W	W	W	-	31.1	-
Kentucky										
January 2017	W	W	-	W	W	W	W	-	12.5	-
December 2016	W	W	-	W	W	W	W	-	13.1	-
January 2016	W	W	-	W	W	W	W	-	15.7	-
Michigan										
January 2017	W	W	-	8,725.8	-	W	W	-	12.7	-
December 2016	W	W	-	9,544.9	-	W	W	-	16.0	-
January 2016	W	W	-	8,963.7	-	W	W	-	22.7	-
Minnesota										
January 2017	W	W	W	4,706.9	W	W	W	W	W	-
December 2016	W	W	W	5,299.0	W	W	W	W	W	-
January 2016	W	W	W	4,799.5	W	W	W	W	W	-
Missouri										
January 2017	-	W	-	2,833.1	-	-	-	-	12.5	-
December 2016	-	NA	-	3,340.3	-	-	-	-	20.0	-
January 2016	-	W	-	2,667.1	-	-	-	-	19.1	-

See footnotes at end of table.

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

thousand gallons per day

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										
January 2017	W	W	-	4,696.8	-	W	W	-	43,673.3	-
December 2016	W	W	-	5,129.6	-	W	W	-	W	W
January 2016	W	W	W	W	-	W	W	W	45,149.3	W
Florida										
January 2017	W	W	-	1,844.4	-	W	W	-	15,178.3	-
December 2016	W	W	-	1,952.8	-	W	W	-	16,091.0	-
January 2016	W	W	-	1,862.5	-	W	W	W	15,626.6	W
Georgia										
January 2017	W	W	-	844.8	-	W	W	-	8,183.6	-
December 2016	W	W	-	903.2	-	W	W	-	W	W
January 2016	W	W	W	W	-	W	121.0	W	W	-
North Carolina										
January 2017	W	W	-	836.4	-	W	W	-	8,635.4	-
December 2016	W	W	-	934.7	-	W	W	-	9,473.2	-
January 2016	W	W	-	871.2	-	W	W	-	W	W
South Carolina										
January 2017	W	W	-	368.8	-	W	W	-	4,358.3	-
December 2016	W	W	-	406.4	-	W	W	-	W	W
January 2016	W	W	-	418.7	-	W	W	-	4,352.6	-
Virginia										
January 2017	W	W	-	769.1	-	W	W	-	6,581.1	-
December 2016	W	W	-	896.0	-	W	W	-	7,388.2	-
January 2016	W	W	-	904.0	-	W	W	W	W	-
West Virginia										
January 2017	W	W	-	33.3	-	W	W	-	736.7	-
December 2016	W	W	-	36.5	-	W	W	-	824.3	-
January 2016	W	W	-	35.3	-	W	W	-	693.0	-
PAD District 2										
January 2017	409.6	W	W	5,501.8	W	W	8,431.0	W	76,297.2	W
December 2016	437.5	W	W	6,049.9	W	W	8,797.8	W	83,409.0	W
January 2016	505.8	516.8	W	5,773.7	W	9,087.3	9,204.5	W	77,285.8	W
Illinois										
January 2017	W	W	-	1,081.4	-	W	W	-	W	W
December 2016	W	W	-	1,186.4	-	W	W	-	W	W
January 2016	W	W	-	1,134.2	-	W	W	-	W	W
Indiana										
January 2017	W	W	-	W	W	W	W	-	W	W
December 2016	W	W	-	397.3	-	W	W	-	W	W
January 2016	W	W	-	411.5	-	W	W	-	W	W
Iowa										
January 2017	-	-	-	254.0	-	-	W	-	2,524.0	-
December 2016	-	-	-	274.1	-	-	W	-	3,184.4	-
January 2016	-	-	-	297.2	-	-	W	-	2,871.7	-
Kansas										
January 2017	-	-	-	W	W	W	W	-	3,894.5	146.3
December 2016	-	-	-	W	W	W	W	-	4,243.5	83.3
January 2016	-	-	-	W	W	W	W	-	3,932.6	345.5
Kentucky										
January 2017	W	W	-	W	W	W	W	-	W	W
December 2016	W	W	-	219.7	-	W	W	-	W	W
January 2016	W	W	-	W	W	W	W	-	W	W
Michigan										
January 2017	W	W	-	W	W	W	W	-	W	W
December 2016	W	W	-	W	W	W	W	-	W	W
January 2016	W	W	-	530.3	-	W	W	-	9,516.7	-
Minnesota										
January 2017	W	W	W	W	W	W	W	W	5,156.5	W
December 2016	W	W	W	W	W	W	W	W	5,814.3	W
January 2016	W	W	W	W	W	W	W	W	5,253.8	W
Missouri										
January 2017	-	-	-	203.0	-	-	W	-	3,048.6	-
December 2016	-	-	-	221.7	-	-	NA	-	3,582.0	-
January 2016	-	-	-	201.0	-	-	W	-	2,887.2	-

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										
January 2017	W	W	-	1,328.1	-	W	W	-	17.2	-
December 2016	W	W	-	1,591.4	-	W	W	-	25.0	-
January 2016	W	W	-	1,283.1	-	W	W	-	29.7	-
North Dakota										
January 2017	W	W	W	W	-	W	W	-	25.0	-
December 2016	W	W	W	W	-	W	W	-	29.4	-
January 2016	W	W	W	W	-	W	W	-	27.3	-
Ohio										
January 2017	W	W	-	9,371.7	-	W	W	-	47.1	-
December 2016	W	W	-	W	W	W	W	-	48.8	-
January 2016	W	W	-	9,174.6	-	W	W	-	54.6	-
Oklahoma										
January 2017	W	W	-	W	W	W	W	-	4.5	-
December 2016	W	W	-	W	W	W	W	-	6.3	-
January 2016	NA	W	-	W	W	W	W	-	7.0	-
South Dakota										
January 2017	W	W	-	839.9	-	W	W	-	25.9	-
December 2016	W	W	-	949.8	-	W	W	-	26.9	-
January 2016	W	W	-	808.0	-	W	W	-	30.3	-
Tennessee										
January 2017	W	W	-	7,794.0	-	W	W	-	71.0	-
December 2016	W	W	-	W	W	W	W	-	77.8	-
January 2016	W	718.8	W	W	-	W	W	W	W	-
Wisconsin										
January 2017	W	W	W	W	-	W	W	W	W	-
December 2016	W	W	W	W	-	W	W	W	W	-
January 2016	W	W	W	W	-	W	W	W	W	-
PAD District 3										
January 2017	848.2	869.5	W	44,080.1	W	83.8	84.4	W	W	-
December 2016	896.5	922.6	W	46,184.0	W	90.8	91.6	W	W	-
January 2016	NA	NA	80.5	44,672.3	10,219.1	NA	NA	W	W	-
Alabama										
January 2017	-	W	-	W	W	-	NA	-	34.7	-
December 2016	W	11.2	-	W	W	W	W	-	41.6	-
January 2016	W	W	W	W	-	W	W	W	W	-
Arkansas										
January 2017	-	-	-	2,578.8	-	-	-	-	17.9	-
December 2016	-	-	-	2,920.9	-	-	-	-	21.6	-
January 2016	W	W	W	W	-	W	W	W	W	-
Louisiana										
January 2017	-	NA	-	5,444.1	761.6	-	-	-	27.4	-
December 2016	-	W	-	W	W	-	-	-	32.1	-
January 2016	-	W	-	5,570.6	1,139.8	-	-	-	43.8	-
Mississippi										
January 2017	-	W	-	W	W	-	W	-	28.1	-
December 2016	-	W	-	W	W	-	W	-	29.6	-
January 2016	W	21.6	-	2,846.3	660.6	W	W	-	33.5	-
New Mexico										
January 2017	W	354.8	W	W	-	W	46.6	W	W	-
December 2016	371.6	381.2	W	W	-	51.4	51.5	W	W	-
January 2016	NA	NA	W	W	-	W	W	W	W	-
Texas										
January 2017	W	W	W	28,123.1	W	W	W	-	190.4	-
December 2016	W	W	W	29,132.5	W	W	W	-	202.3	-
January 2016	NA	NA	W	W	8,418.7	NA	NA	W	W	-

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)										
Nebraska										
January 2017	W	W	-	139.1	-	W	W	-	1,484.3	-
December 2016	W	W	-	158.5	-	W	W	-	1,774.8	-
January 2016	W	W	-	144.8	-	W	W	-	1,457.6	-
North Dakota										
January 2017	W	W	W	W	-	W	W	W	W	-
December 2016	W	W	W	W	-	W	W	W	W	-
January 2016	W	W	W	W	-	W	W	W	W	-
Ohio										
January 2017	W	W	-	W	W	W	W	-	W	W
December 2016	W	W	-	W	W	W	W	-	W	W
January 2016	W	W	-	W	W	W	W	-	W	W
Oklahoma										
January 2017	W	W	-	W	W	W	W	-	4,145.3	1,071.0
December 2016	W	W	-	W	W	W	W	-	4,563.8	819.7
January 2016	W	W	-	W	W	W	W	-	4,315.7	1,090.6
South Dakota										
January 2017	W	W	-	72.3	-	W	W	-	938.1	-
December 2016	W	W	-	75.1	-	W	W	-	1,051.9	-
January 2016	W	W	-	70.8	-	W	W	-	909.1	-
Tennessee										
January 2017	W	W	-	695.5	-	W	W	-	8,560.5	-
December 2016	W	W	-	779.2	-	W	W	-	W	W
January 2016	W	W	W	W	-	W	831.6	W	W	-
Wisconsin										
January 2017	W	W	W	W	-	W	W	W	W	-
December 2016	W	W	W	W	-	W	W	W	W	-
January 2016	W	W	W	W	-	W	W	W	W	-
PAD District 3										
January 2017	80.2	84.0	W	W	679.1	1,012.2	1,037.9	W	49,028.3	W
December 2016	87.8	92.3	W	W	1,327.7	1,075.2	1,106.5	W	51,509.5	W
January 2016	NA	NA	W	W	1,113.9	NA	NA	91.7	50,155.6	11,333.0
Alabama										
January 2017	-	W	-	319.6	-	-	W	-	W	W
December 2016	W	W	-	345.4	-	W	15.4	-	W	W
January 2016	W	23.9	W	W	-	W	W	W	W	-
Arkansas										
January 2017	-	-	-	189.0	-	-	-	-	2,785.7	-
December 2016	-	-	-	218.8	-	-	-	-	3,161.4	-
January 2016	W	W	-	209.3	-	W	W	W	W	-
Louisiana										
January 2017	-	-	-	484.2	-	-	NA	-	5,955.7	761.6
December 2016	-	-	-	W	W	-	W	-	6,320.5	1,584.0
January 2016	-	-	-	514.3	-	-	W	-	6,128.7	1,139.8
Mississippi										
January 2017	-	-	-	W	W	-	W	-	3,173.7	1,681.4
December 2016	-	-	-	W	W	-	W	-	3,370.7	1,662.2
January 2016	W	W	-	W	W	W	23.8	-	W	W
New Mexico										
January 2017	W	38.8	W	W	-	W	440.3	W	W	-
December 2016	43.2	44.0	W	W	-	466.1	476.7	W	W	-
January 2016	W	W	W	W	-	W	NA	W	W	-
Texas										
January 2017	W	W	W	3,248.9	W	W	W	W	31,562.4	W
December 2016	W	W	W	3,453.2	W	W	W	W	32,788.0	W
January 2016	NA	NA	W	3,445.5	W	NA	NA	W	32,068.6	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										
January 2017	W	W	W	9,511.3	W	72.7	74.3	-	133.8	-
December 2016	W	W	W	10,258.6	W	79.5	81.2	-	142.5	-
January 2016	348.5	359.6	W	W	W	74.0	75.8	-	140.0	-
Colorado										
January 2017	144.6	147.5	W	W	-	41.8	42.6	-	68.2	-
December 2016	155.5	157.9	W	W	-	44.9	45.7	-	73.8	-
January 2016	152.3	157.9	W	W	-	42.1	43.1	-	83.2	-
Idaho										
January 2017	W	W	-	1,201.7	-	W	W	-	7.4	-
December 2016	W	W	-	1,309.8	-	W	W	-	7.1	-
January 2016	W	W	-	1,221.5	-	W	W	-	6.9	-
Montana										
January 2017	W	W	-	1,008.7	-	W	W	-	6.3	-
December 2016	W	W	-	1,089.4	-	W	W	-	7.5	-
January 2016	W	W	-	964.5	-	W	W	-	8.7	-
Utah										
January 2017	W	W	W	W	W	W	W	-	40.7	-
December 2016	W	W	W	W	W	W	W	-	42.6	-
January 2016	W	W	W	2,362.0	W	W	W	-	30.6	-
Wyoming										
January 2017	W	10.8	-	782.0	-	W	W	-	11.3	-
December 2016	W	12.0	-	890.2	-	W	W	-	11.4	-
January 2016	W	8.8	-	831.9	-	W	W	-	10.5	-
PAD District 5										
January 2017	3,811.7	3,862.0	15,101.7	25,638.5	1,949.6	605.1	605.9	W	W	-
December 2016	3,896.6	3,944.5	16,259.6	27,088.5	2,026.1	631.0	631.6	W	W	-
January 2016	3,579.7	3,682.5	15,968.4	25,572.4	3,003.9	572.7	573.2	W	W	-
Alaska										
January 2017	W	W	78.3	W	W	W	W	W	W	-
December 2016	W	W	82.4	W	W	W	W	W	W	-
January 2016	W	W	70.5	W	W	W	W	W	3.0	-
Arizona										
January 2017	W	W	W	3,890.8	W	W	W	W	W	-
December 2016	W	W	W	4,196.2	W	W	W	W	W	-
January 2016	NA	W	W	4,110.6	W	NA	W	3.1	41.8	-
California										
January 2017	2,759.9	2,761.3	11,057.9	13,363.3	1,031.2	W	W	175.8	213.5	-
December 2016	2,817.7	2,818.8	12,008.5	13,990.6	1,170.4	W	W	188.7	229.6	-
January 2016	W	W	11,699.4	13,187.3	1,839.2	W	W	212.0	224.5	-
Hawaii										
January 2017	W	W	W	W	W	W	W	W	W	-
December 2016	W	W	W	W	W	W	W	W	W	-
January 2016	W	W	W	W	W	W	W	W	W	-
Nevada										
January 2017	W	W	W	1,260.9	W	W	W	W	W	-
December 2016	W	W	W	1,359.0	W	W	W	W	W	-
January 2016	NA	W	756.8	W	W	NA	NA	W	W	-
Oregon										
January 2017	81.6	81.6	W	2,175.4	W	5.3	5.3	3.5	12.5	-
December 2016	98.1	98.1	794.0	W	W	6.3	6.3	W	W	-
January 2016	84.2	84.2	W	2,211.6	W	5.5	5.5	5.9	14.7	-
Washington										
January 2017	271.8	276.0	1,087.2	4,409.8	-	27.7	27.9	W	W	-
December 2016	270.1	274.6	1,165.7	4,676.0	-	28.7	28.8	W	W	-
January 2016	228.7	233.1	W	4,386.7	W	26.4	26.4	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										
January 2017	66.7	W	W	2,016.5	W	W	490.3	W	11,661.6	W
December 2016	72.9	W	W	2,207.6	W	W	534.3	W	12,608.7	W
January 2016	70.0	71.3	W	W	W	492.5	506.7	W	11,730.6	W
Colorado										
January 2017	32.5	32.5	W	W	-	218.9	222.7	W	W	-
December 2016	35.2	35.3	W	W	-	235.6	238.9	W	W	-
January 2016	35.0	35.5	W	W	-	229.4	236.5	W	W	-
Idaho										
January 2017	W	W	-	200.3	-	W	W	-	1,409.4	-
December 2016	W	W	-	224.4	-	W	W	-	1,541.2	-
January 2016	W	W	-	205.1	-	W	W	-	1,433.6	-
Montana										
January 2017	W	W	-	230.7	-	W	W	-	1,245.8	-
December 2016	W	W	-	247.0	-	W	W	-	1,343.9	-
January 2016	W	W	-	209.2	-	W	W	-	1,182.4	-
Utah										
January 2017	W	W	W	W	W	W	W	W	W	W
December 2016	W	W	W	W	W	W	W	W	W	W
January 2016	W	W	W	W	W	W	W	W	W	W
Wyoming										
January 2017	W	W	-	113.7	-	W	14.0	-	907.0	-
December 2016	W	W	-	142.8	-	W	15.8	-	1,044.5	-
January 2016	W	W	-	144.1	-	W	12.4	-	986.5	-
PAD District 5										
January 2017	1,033.5	1,038.4	4,209.1	W	W	5,450.4	5,506.2	W	31,190.9	W
December 2016	1,098.2	1,102.7	4,560.0	W	W	5,625.8	5,678.9	W	33,086.3	W
January 2016	986.4	1,003.7	4,257.7	W	W	5,138.8	5,259.5	W	30,903.6	W
Alaska										
January 2017	W	W	W	28.8	-	W	W	95.1	W	W
December 2016	W	W	W	32.5	W	W	W	101.6	W	W
January 2016	W	W	W	43.2	-	W	W	86.6	W	W
Arizona										
January 2017	W	W	171.3	W	W	W	W	W	4,413.7	W
December 2016	W	W	191.6	W	W	W	W	W	4,793.2	W
January 2016	NA	W	W	528.0	W	NA	W	W	4,680.4	W
California										
January 2017	W	W	3,388.9	3,291.1	246.4	4,146.2	4,147.7	14,622.6	16,868.0	1,277.6
December 2016	W	W	3,678.3	3,499.4	237.7	W	W	15,875.5	17,719.6	1,408.1
January 2016	W	W	3,390.0	3,038.7	190.7	W	W	15,301.4	16,450.6	2,029.9
Hawaii										
January 2017	W	W	W	W	W	W	W	W	W	W
December 2016	W	W	W	W	W	W	W	W	W	W
January 2016	W	W	W	W	W	W	W	W	W	W
Nevada										
January 2017	W	W	W	W	W	W	W	W	1,584.3	W
December 2016	W	W	W	W	W	W	W	W	1,694.2	W
January 2016	NA	W	208.9	264.6	-	NA	W	W	1,447.5	W
Oregon										
January 2017	11.2	11.2	W	261.9	W	98.1	98.1	807.8	2,449.8	493.0
December 2016	13.6	13.6	122.5	291.7	-	118.1	118.1	W	2,583.5	W
January 2016	12.0	12.0	W	284.5	W	101.7	101.7	945.9	2,510.8	718.2
Washington										
January 2017	41.5	41.6	231.3	W	W	341.1	345.5	W	5,244.7	W
December 2016	43.6	43.7	248.0	W	W	342.4	347.1	W	5,604.5	W
January 2016	40.3	40.4	248.5	W	W	295.3	299.9	W	5,207.6	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					
January 2017	13,935.4	14,139.6	4,510.3	167,346.9	14,328.0
December 2016	14,685.6	14,907.5	4,817.9	180,679.4	15,792.3
January 2016	15,417.4	15,690.9	4,818.4	170,702.0	17,024.3
PAD District 1					
January 2017	W	W	W	45,715.3	W
December 2016	W	W	W	49,315.1	W
January 2016	W	W	W	47,152.1	W
Subdistrict 1A					
January 2017	-	-	W	W	-
December 2016	-	-	W	W	-
January 2016	-	-	-	W	-
Connecticut					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
Maine					
January 2017	-	-	W	W	-
December 2016	-	-	W	W	-
January 2016	-	-	-	W	-
Massachusetts					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
New Hampshire					
January 2017	-	-	W	W	-
December 2016	-	-	W	W	-
January 2016	-	-	-	W	-
Rhode Island					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
Vermont					
January 2017	-	-	W	W	-
December 2016	-	-	W	W	-
January 2016	-	-	-	95.2	-
Subdistrict 1B					
January 2017	W	W	W	W	W
December 2016	W	W	W	6,294.6	W
January 2016	W	W	W	W	W
Delaware					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
District of Columbia					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
Maryland					
January 2017	-	-	-	W	W
December 2016	-	-	-	W	W
January 2016	-	-	-	W	NA
New Jersey					
January 2017	-	-	-	-	W
December 2016	-	-	-	-	W
January 2016	-	-	-	-	W
New York					
January 2017	W	W	W	W	W
December 2016	W	W	W	W	W
January 2016	W	W	W	2,343.4	W
Pennsylvania					
January 2017	W	W	-	W	W
December 2016	W	W	-	W	W
January 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					
January 2017	8,757.1	8,782.5	16,648.1	71,529.2	2,869.1
December 2016	9,152.9	9,187.7	18,004.0	76,216.2	2,945.4
January 2016	8,696.9	8,725.5	17,295.3	72,249.7	3,222.6
PAD District 1					
January 2017	W	W	W	24,982.6	W
December 2016	W	W	W	26,967.0	W
January 2016	W	W	W	25,723.6	W
Subdistrict 1A					
January 2017	W	W	W	W	W
December 2016	W	W	W	4,645.9	W
January 2016	W	W	W	W	W
Connecticut					
January 2017	-	W	W	2,253.3	W
December 2016	-	W	W	2,475.8	W
January 2016	-	W	W	2,451.2	W
Maine					
January 2017	-	-	-	W	-
December 2016	-	-	-	W	-
January 2016	-	-	-	W	-
Massachusetts					
January 2017	W	W	W	W	-
December 2016	W	W	W	W	-
January 2016	W	W	-	1,023.1	-
New Hampshire					
January 2017	W	W	-	-	-
December 2016	W	W	-	-	-
January 2016	W	W	-	-	-
Rhode Island					
January 2017	W	W	W	807.9	W
December 2016	W	W	W	W	W
January 2016	W	W	W	W	W
Vermont					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
Subdistrict 1B					
January 2017	W	W	W	W	W
December 2016	W	W	W	17,932.8	W
January 2016	W	W	W	W	W
Delaware					
January 2017	W	W	-	981.0	-
December 2016	W	W	-	1,061.3	-
January 2016	W	W	W	W	-
District of Columbia					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
Maryland					
January 2017	-	W	W	W	-
December 2016	-	W	W	3,723.5	-
January 2016	-	W	W	W	W
New Jersey					
January 2017	W	W	W	W	W
December 2016	W	W	W	7,736.3	W
January 2016	W	W	W	7,268.0	-
New York					
January 2017	W	W	W	W	-
December 2016	W	W	W	W	-
January 2016	W	W	W	3,132.6	W
Pennsylvania					
January 2017	W	W	-	W	W
December 2016	W	W	-	W	W
January 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					
January 2017	22,692.5	22,922.1	21,158.5	238,876.2	17,197.1
December 2016	23,838.6	24,095.3	22,821.9	256,895.5	18,737.6
January 2016	24,114.3	24,416.3	22,113.6	242,951.7	20,246.9
PAD District 1					
January 2017	7,438.4	7,456.7	W	70,698.0	W
December 2016	7,961.2	7,977.7	W	76,282.1	W
January 2016	7,948.1	7,963.2	W	72,875.7	W
Subdistrict 1A					
January 2017	W	W	W	4,617.2	W
December 2016	W	W	W	W	W
January 2016	W	W	W	4,986.4	W
Connecticut					
January 2017	-	W	W	2,253.3	W
December 2016	-	W	W	2,475.8	W
January 2016	-	W	W	2,451.2	W
Maine					
January 2017	-	-	W	W	-
December 2016	-	-	W	W	-
January 2016	-	-	-	607.4	-
Massachusetts					
January 2017	W	W	W	W	-
December 2016	W	W	W	W	-
January 2016	W	W	-	1,023.1	-
New Hampshire					
January 2017	W	W	W	W	-
December 2016	W	W	W	W	-
January 2016	W	W	-	W	-
Rhode Island					
January 2017	W	W	W	807.9	W
December 2016	W	W	W	897.8	W
January 2016	W	W	W	W	W
Vermont					
January 2017	-	-	W	W	-
December 2016	-	-	W	W	-
January 2016	-	-	-	95.2	-
Subdistrict 1B					
January 2017	3,726.0	3,727.8	W	22,407.4	W
December 2016	4,018.0	4,019.8	W	24,227.5	W
January 2016	3,734.5	3,735.5	W	22,740.0	W
Delaware					
January 2017	W	W	-	981.0	-
December 2016	W	W	-	1,061.3	-
January 2016	W	W	W	W	-
District of Columbia					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
Maryland					
January 2017	-	W	W	3,771.5	W
December 2016	-	W	W	W	W
January 2016	-	W	W	3,805.5	W
New Jersey					
January 2017	W	W	W	W	334.5
December 2016	W	W	W	7,736.3	W
January 2016	W	W	W	7,268.0	W
New York					
January 2017	2,316.1	2,316.1	W	5,304.9	W
December 2016	2,490.6	2,490.6	W	5,605.2	W
January 2016	2,290.5	2,290.5	W	5,476.0	W
Pennsylvania					
January 2017	W	W	-	W	W
December 2016	W	W	-	W	W
January 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					
January 2017	W	W	-	39,735.6	-
December 2016	W	W	-	W	W
January 2016	W	W	W	W	W
Florida					
January 2017	W	W	-	15,178.3	-
December 2016	W	W	-	16,091.0	-
January 2016	W	W	W	15,626.6	W
Georgia					
January 2017	W	W	-	8,183.6	-
December 2016	W	W	-	W	W
January 2016	W	121.0	W	W	-
North Carolina					
January 2017	W	W	-	8,635.4	-
December 2016	W	W	-	9,473.2	-
January 2016	W	W	-	W	W
South Carolina					
January 2017	W	W	-	4,358.3	-
December 2016	W	W	-	W	W
January 2016	W	W	-	4,352.6	-
Virginia					
January 2017	W	W	-	2,643.5	-
December 2016	W	W	-	3,000.0	-
January 2016	W	W	W	W	-
West Virginia					
January 2017	W	W	-	736.7	-
December 2016	W	W	-	824.3	-
January 2016	W	W	-	693.0	-
PAD District 2					
January 2017	W	W	W	W	W
December 2016	7,019.4	W	W	W	W
January 2016	W	W	W	65,190.8	W
Illinois					
January 2017	W	W	-	W	W
December 2016	W	51.0	-	W	W
January 2016	W	26.0	-	W	W
Indiana					
January 2017	W	W	-	W	W
December 2016	W	W	-	W	W
January 2016	W	W	-	W	W
Iowa					
January 2017	-	W	-	2,524.0	-
December 2016	-	W	-	3,184.4	-
January 2016	-	W	-	2,871.7	-
Kansas					
January 2017	W	W	-	3,894.5	146.3
December 2016	W	W	-	4,243.5	83.3
January 2016	W	W	-	3,932.6	345.5
Kentucky					
January 2017	W	W	-	W	W
December 2016	W	W	-	W	W
January 2016	W	W	-	W	W
Michigan					
January 2017	W	W	-	W	W
December 2016	W	W	-	W	W
January 2016	W	W	-	9,516.7	-
Minnesota					
January 2017	W	W	W	5,156.5	W
December 2016	W	W	W	5,814.3	W
January 2016	W	W	W	5,253.8	W
Missouri					
January 2017	-	W	-	W	-
December 2016	-	NA	-	2,848.5	-
January 2016	-	W	-	2,208.4	-

See footnotes at end of table.

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

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C					
January 2017	-	-	-	3,937.6	-
December 2016	-	-	-	4,388.3	-
January 2016	-	-	W	W	-
Florida					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
Georgia					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
North Carolina					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
South Carolina					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
Virginia					
January 2017	-	-	-	3,937.6	-
December 2016	-	-	-	4,388.3	-
January 2016	-	-	W	W	-
West Virginia					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
PAD District 2					
January 2017	W	W	-	W	W
December 2016	W	W	-	W	W
January 2016	W	W	-	12,095.1	-
Illinois					
January 2017	W	W	-	W	W
December 2016	W	W	-	W	W
January 2016	W	W	-	7,896.3	-
Indiana					
January 2017	W	W	-	931.6	-
December 2016	W	W	-	1,078.5	-
January 2016	W	W	-	981.9	-
Iowa					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
Kansas					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
Kentucky					
January 2017	W	W	-	W	-
December 2016	W	W	-	967.9	-
January 2016	W	W	-	874.6	-
Michigan					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
Minnesota					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
Missouri					
January 2017	-	-	-	W	-
December 2016	-	-	-	733.4	-
January 2016	-	-	-	678.8	-

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					
January 2017	W	W	-	43,673.3	-
December 2016	W	W	-	W	W
January 2016	W	W	W	45,149.3	W
Florida					
January 2017	W	W	-	15,178.3	-
December 2016	W	W	-	16,091.0	-
January 2016	W	W	W	15,626.6	W
Georgia					
January 2017	W	W	-	8,183.6	-
December 2016	W	W	-	W	W
January 2016	W	121.0	W	W	-
North Carolina					
January 2017	W	W	-	8,635.4	-
December 2016	W	W	-	9,473.2	-
January 2016	W	W	-	W	W
South Carolina					
January 2017	W	W	-	4,358.3	-
December 2016	W	W	-	W	W
January 2016	W	W	-	4,352.6	-
Virginia					
January 2017	W	W	-	6,581.1	-
December 2016	W	W	-	7,388.2	-
January 2016	W	W	W	W	-
West Virginia					
January 2017	W	W	-	736.7	-
December 2016	W	W	-	824.3	-
January 2016	W	W	-	693.0	-
PAD District 2					
January 2017	W	8,431.0	W	76,297.2	W
December 2016	W	8,797.8	W	83,409.0	W
January 2016	9,087.3	9,204.5	W	77,285.8	W
Illinois					
January 2017	W	W	-	W	W
December 2016	W	W	-	W	W
January 2016	W	W	-	W	W
Indiana					
January 2017	W	W	-	W	W
December 2016	W	W	-	W	W
January 2016	W	W	-	W	W
Iowa					
January 2017	-	W	-	2,524.0	-
December 2016	-	W	-	3,184.4	-
January 2016	-	W	-	2,871.7	-
Kansas					
January 2017	W	W	-	3,894.5	146.3
December 2016	W	W	-	4,243.5	83.3
January 2016	W	W	-	3,932.6	345.5
Kentucky					
January 2017	W	W	-	W	W
December 2016	W	W	-	W	W
January 2016	W	W	-	W	W
Michigan					
January 2017	W	W	-	W	W
December 2016	W	W	-	W	W
January 2016	W	W	-	9,516.7	-
Minnesota					
January 2017	W	W	W	5,156.5	W
December 2016	W	W	W	5,814.3	W
January 2016	W	W	W	5,253.8	W
Missouri					
January 2017	-	W	-	3,048.6	-
December 2016	-	NA	-	3,582.0	-
January 2016	-	W	-	2,887.2	-

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					
January 2017	W	W	-	1,484.3	-
December 2016	W	W	-	1,774.8	-
January 2016	W	W	-	1,457.6	-
North Dakota					
January 2017	W	W	W	W	-
December 2016	W	W	W	W	-
January 2016	W	W	W	W	-
Ohio					
January 2017	W	W	-	W	W
December 2016	W	W	-	W	W
January 2016	W	W	-	W	W
Oklahoma					
January 2017	W	W	-	4,145.3	1,071.0
December 2016	W	W	-	4,563.8	819.7
January 2016	W	W	-	4,315.7	1,090.6
South Dakota					
January 2017	W	W	-	938.1	-
December 2016	W	W	-	1,051.9	-
January 2016	W	W	-	909.1	-
Tennessee					
January 2017	W	W	-	8,560.5	-
December 2016	W	W	-	W	W
January 2016	W	831.6	W	W	-
Wisconsin					
January 2017	W	49.5	W	W	-
December 2016	W	55.2	W	W	-
January 2016	56.8	60.6	W	W	-
PAD District 3					
January 2017	1,012.2	1,037.9	W	34,273.1	W
December 2016	1,075.2	1,106.5	W	36,392.1	W
January 2016	NA	NA	W	35,327.1	W
Alabama					
January 2017	-	W	-	W	W
December 2016	W	15.4	-	W	W
January 2016	W	W	W	W	-
Arkansas					
January 2017	-	-	-	2,785.7	-
December 2016	-	-	-	3,161.4	-
January 2016	W	W	W	W	-
Louisiana					
January 2017	-	NA	-	5,955.7	761.6
December 2016	-	W	-	6,320.5	1,584.0
January 2016	-	W	-	6,128.7	1,139.8
Mississippi					
January 2017	-	W	-	3,173.7	1,681.4
December 2016	-	W	-	3,370.7	1,662.2
January 2016	W	23.8	-	W	W
New Mexico					
January 2017	W	440.3	W	W	-
December 2016	466.1	476.7	W	W	-
January 2016	W	NA	W	W	-
Texas					
January 2017	W	W	W	W	W
December 2016	W	W	W	W	W
January 2016	NA	NA	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					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
North Dakota					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
Ohio					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
Oklahoma					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
South Dakota					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
Tennessee					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
Wisconsin					
January 2017	W	W	-	1,558.6	-
December 2016	W	W	-	1,721.2	-
January 2016	W	W	-	1,663.5	-
PAD District 3					
January 2017	-	-	-	14,755.2	-
December 2016	-	-	-	15,117.3	-
January 2016	-	-	W	14,828.5	W
Alabama					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
Arkansas					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
Louisiana					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
Mississippi					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
New Mexico					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
Texas					
January 2017	-	-	-	W	-
December 2016	-	-	-	W	-
January 2016	-	-	W	W	W

See footnotes at end of table.

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

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)					
Nebraska					
January 2017	W	W	-	1,484.3	-
December 2016	W	W	-	1,774.8	-
January 2016	W	W	-	1,457.6	-
North Dakota					
January 2017	W	W	W	W	-
December 2016	W	W	W	W	-
January 2016	W	W	W	W	-
Ohio					
January 2017	W	W	-	W	W
December 2016	W	W	-	W	W
January 2016	W	W	-	W	W
Oklahoma					
January 2017	W	W	-	4,145.3	1,071.0
December 2016	W	W	-	4,563.8	819.7
January 2016	W	W	-	4,315.7	1,090.6
South Dakota					
January 2017	W	W	-	938.1	-
December 2016	W	W	-	1,051.9	-
January 2016	W	W	-	909.1	-
Tennessee					
January 2017	W	W	-	8,560.5	-
December 2016	W	W	-	W	W
January 2016	W	831.6	W	W	-
Wisconsin					
January 2017	W	W	W	W	-
December 2016	W	W	W	W	-
January 2016	W	W	W	W	-
PAD District 3					
January 2017	1,012.2	1,037.9	W	49,028.3	W
December 2016	1,075.2	1,106.5	W	51,509.5	W
January 2016	NA	NA	91.7	50,155.6	11,333.0
Alabama					
January 2017	-	W	-	W	W
December 2016	W	15.4	-	W	W
January 2016	W	W	W	W	-
Arkansas					
January 2017	-	-	-	2,785.7	-
December 2016	-	-	-	3,161.4	-
January 2016	W	W	W	W	-
Louisiana					
January 2017	-	NA	-	5,955.7	761.6
December 2016	-	W	-	6,320.5	1,584.0
January 2016	-	W	-	6,128.7	1,139.8
Mississippi					
January 2017	-	W	-	3,173.7	1,681.4
December 2016	-	W	-	3,370.7	1,662.2
January 2016	W	23.8	-	W	W
New Mexico					
January 2017	W	440.3	W	W	-
December 2016	466.1	476.7	W	W	-
January 2016	W	NA	W	W	-
Texas					
January 2017	W	W	W	31,562.4	W
December 2016	W	W	W	32,788.0	W
January 2016	NA	NA	W	32,068.6	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					
January 2017	W	490.3	W	11,661.6	W
December 2016	W	534.3	W	12,608.7	W
January 2016	492.5	506.7	W	11,730.6	W
Colorado					
January 2017	218.9	222.7	W	W	-
December 2016	235.6	238.9	W	W	-
January 2016	229.4	236.5	W	W	-
Idaho					
January 2017	W	W	-	1,409.4	-
December 2016	W	W	-	1,541.2	-
January 2016	W	W	-	1,433.6	-
Montana					
January 2017	W	W	-	1,245.8	-
December 2016	W	W	-	1,343.9	-
January 2016	W	W	-	1,182.4	-
Utah					
January 2017	W	W	W	W	W
December 2016	W	W	W	W	W
January 2016	W	W	W	W	W
Wyoming					
January 2017	W	14.0	-	907.0	-
December 2016	W	15.8	-	1,044.5	-
January 2016	W	12.4	-	986.5	-
PAD District 5					
January 2017	1,304.2	1,355.9	W	W	W
December 2016	W	W	W	W	W
January 2016	W	W	W	11,301.2	W
Alaska					
January 2017	W	W	95.1	W	W
December 2016	W	W	101.6	W	W
January 2016	W	W	86.6	W	W
Arizona					
January 2017	W	W	457.0	W	W
December 2016	W	W	480.0	W	-
January 2016	NA	W	W	W	-
California					
January 2017	-	-	-	-	W
December 2016	-	-	-	-	W
January 2016	-	-	-	-	W
Hawaii					
January 2017	W	W	W	W	W
December 2016	W	W	W	W	W
January 2016	W	W	W	W	W
Nevada					
January 2017	W	W	W	1,584.3	W
December 2016	W	W	W	1,694.2	W
January 2016	NA	W	W	1,447.5	W
Oregon					
January 2017	98.1	98.1	807.8	2,449.8	493.0
December 2016	118.1	118.1	W	2,583.5	W
January 2016	101.7	101.7	945.9	2,510.8	718.2
Washington					
January 2017	341.1	345.5	W	5,244.7	W
December 2016	342.4	347.1	W	5,604.5	W
January 2016	295.3	299.9	W	5,207.6	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					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
Colorado					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
Idaho					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
Montana					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
Utah					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
Wyoming					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
PAD District 5					
January 2017	4,146.2	4,150.4	W	W	W
December 2016	W	W	W	W	W
January 2016	W	W	16,240.8	19,602.4	1,843.9
Alaska					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
Arizona					
January 2017	-	W	W	W	W
December 2016	-	W	W	W	W
January 2016	-	W	939.4	W	W
California					
January 2017	4,146.2	W	14,622.6	16,868.0	W
December 2016	W	W	15,875.5	17,719.6	W
January 2016	W	W	15,301.4	W	W
Hawaii					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
Nevada					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
Oregon					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 2016	-	-	-	-	-
Washington					
January 2017	-	-	-	-	-
December 2016	-	-	-	-	-
January 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					
January 2017	W	490.3	W	11,661.6	W
December 2016	W	534.3	W	12,608.7	W
January 2016	492.5	506.7	W	11,730.6	W
Colorado					
January 2017	218.9	222.7	W	W	-
December 2016	235.6	238.9	W	W	-
January 2016	229.4	236.5	W	W	-
Idaho					
January 2017	W	W	-	1,409.4	-
December 2016	W	W	-	1,541.2	-
January 2016	W	W	-	1,433.6	-
Montana					
January 2017	W	W	-	1,245.8	-
December 2016	W	W	-	1,343.9	-
January 2016	W	W	-	1,182.4	-
Utah					
January 2017	W	W	W	W	W
December 2016	W	W	W	W	W
January 2016	W	W	W	W	W
Wyoming					
January 2017	W	14.0	-	907.0	-
December 2016	W	15.8	-	1,044.5	-
January 2016	W	12.4	-	986.5	-
PAD District 5					
January 2017	5,450.4	5,506.2	W	31,190.9	W
December 2016	5,625.8	5,678.9	W	33,086.3	W
January 2016	5,138.8	5,259.5	W	30,903.6	W
Alaska					
January 2017	W	W	95.1	W	W
December 2016	W	W	101.6	W	W
January 2016	W	W	86.6	W	W
Arizona					
January 2017	W	W	W	4,413.7	W
December 2016	W	W	W	4,793.2	W
January 2016	NA	W	W	4,680.4	W
California					
January 2017	4,146.2	4,147.7	14,622.6	16,868.0	1,277.6
December 2016	W	W	15,875.5	17,719.6	1,408.1
January 2016	W	W	15,301.4	16,450.6	2,029.9
Hawaii					
January 2017	W	W	W	W	W
December 2016	W	W	W	W	W
January 2016	W	W	W	W	W
Nevada					
January 2017	W	W	W	1,584.3	W
December 2016	W	W	W	1,694.2	W
January 2016	NA	W	W	1,447.5	W
Oregon					
January 2017	98.1	98.1	807.8	2,449.8	493.0
December 2016	118.1	118.1	W	2,583.5	W
January 2016	101.7	101.7	945.9	2,510.8	718.2
Washington					
January 2017	341.1	345.5	W	5,244.7	W
December 2016	342.4	347.1	W	5,604.5	W
January 2016	295.3	299.9	W	5,207.6	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										
January 2017	W	282.8	28,521.1	30,372.3	W	1,417.7	149.6	2,497.0	5,739.6	38,483.3
December 2016	W	427.1	31,258.1	32,294.9	W	1,898.1	NA	3,245.2	6,412.6	41,188.8
January 2016	W	302.7	31,001.8	29,313.5	W	1,646.7	NA	2,384.7	8,644.8	45,461.3
PAD District 1										
January 2017	W	92.5	4,266.1	6,063.0	W	651.9	-	W	W	8,556.0
December 2016	W	95.2	4,922.2	6,068.7	W	638.4	W	W	W	8,738.3
January 2016	W	96.8	5,534.2	4,977.7	W	534.2	-	W	W	8,872.9
Subdistrict 1A										
January 2017	W	W	351.1	372.6	W	-	-	W	W	1,861.8
December 2016	-	W	337.0	W	W	-	-	W	W	1,908.5
January 2016	-	W	W	247.5	W	W	-	W	W	1,683.2
Connecticut										
January 2017	-	-	W	W	-	-	-	-	-	200.7
December 2016	-	-	W	W	-	-	-	-	-	188.0
January 2016	-	-	W	W	-	W	-	-	-	68.6
Maine										
January 2017	W	W	W	W	-	-	-	W	W	499.5
December 2016	-	W	W	W	-	-	-	W	W	485.3
January 2016	-	W	W	W	-	-	-	-	W	378.0
Massachusetts										
January 2017	-	-	W	W	W	-	-	-	-	273.3
December 2016	-	-	W	W	W	-	-	-	-	329.0
January 2016	-	-	W	W	W	-	-	-	-	371.5
New Hampshire										
January 2017	-	-	W	W	W	-	-	W	-	258.2
December 2016	-	-	W	W	W	-	-	W	-	258.1
January 2016	-	-	W	-	W	-	-	-	-	258.5
Rhode Island										
January 2017	-	-	W	W	W	-	-	-	-	W
December 2016	-	-	W	W	W	-	-	-	-	W
January 2016	-	-	W	W	W	-	-	-	-	W
Vermont										
January 2017	-	-	W	W	-	-	-	W	W	W
December 2016	-	-	W	W	-	-	-	W	W	W
January 2016	-	-	W	-	-	-	-	W	W	W
Subdistrict 1B										
January 2017	-	W	1,885.1	4,083.4	W	560.6	-	W	W	3,165.7
December 2016	W	W	2,607.5	3,930.0	17.0	554.5	W	W	W	3,301.1
January 2016	-	W	3,858.4	2,318.5	W	385.5	-	W	W	3,534.4
Delaware										
January 2017	-	-	-	-	W	-	-	-	-	141.4
December 2016	-	-	-	-	W	-	-	-	-	W
January 2016	-	-	-	-	W	-	-	-	-	145.4
District of Columbia										
January 2017	-	-	-	-	-	-	-	-	-	-
December 2016	-	-	-	-	-	-	-	-	-	-
January 2016	-	-	-	-	-	-	-	-	-	-
Maryland										
January 2017	-	-	W	41.5	-	W	-	-	-	177.3
December 2016	-	-	W	45.3	-	W	-	-	-	W
January 2016	-	-	W	W	-	W	-	-	-	138.0
New Jersey										
January 2017	-	-	849.4	2,499.6	W	460.6	-	-	-	362.8
December 2016	-	-	1,307.3	2,187.6	W	W	-	-	-	404.4
January 2016	-	-	2,705.2	1,685.6	W	227.3	-	-	-	423.9
New York										
January 2017	-	W	W	81.5	W	W	-	W	W	1,047.9
December 2016	W	W	W	102.2	W	W	-	W	W	1,035.6
January 2016	-	W	W	W	W	W	-	W	W	1,052.8
Pennsylvania										
January 2017	-	W	W	1,460.7	W	W	-	W	W	1,436.4
December 2016	-	W	W	1,594.9	6.9	W	W	W	W	1,535.4
January 2016	-	W	W	494.6	W	4.2	-	W	W	1,774.3

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C										
January 2017	W	79.0	2,029.9	1,607.0	W	91.3	-	W	W	3,528.4
December 2016	W	75.8	1,977.7	W	W	83.9	-	W	W	3,528.7
January 2016	W	79.5	W	2,411.7	W	W	-	W	W	3,655.3
Florida										
January 2017	-	62.6	W	1,258.9	W	-	-	-	-	407.0
December 2016	-	60.2	1,466.6	1,266.1	W	-	-	-	-	390.4
January 2016	-	60.1	1,183.1	2,088.3	W	-	-	-	-	340.2
Georgia										
January 2017	-	W	W	56.8	-	W	-	W	-	609.3
December 2016	W	4.8	W	57.4	-	W	-	W	-	709.4
January 2016	W	9.1	W	79.3	W	W	-	W	-	757.6
North Carolina										
January 2017	W	W	W	W	W	W	-	-	-	1,110.7
December 2016	W	W	W	W	W	W	-	-	-	1,096.7
January 2016	W	W	W	109.7	W	W	-	-	-	1,024.1
South Carolina										
January 2017	-	-	W	63.0	W	W	-	-	-	872.3
December 2016	-	-	W	90.0	W	W	-	-	-	876.2
January 2016	-	-	W	W	W	W	-	-	-	938.8
Virginia										
January 2017	-	W	167.9	157.7	-	W	-	-	-	W
December 2016	-	W	160.2	130.2	-	W	-	-	-	W
January 2016	-	W	67.0	W	W	W	-	-	-	417.2
West Virginia										
January 2017	-	-	W	W	W	-	-	-	W	W
December 2016	-	-	W	W	W	-	-	-	W	W
January 2016	-	-	W	W	W	-	-	-	W	177.4
PAD District 2										
January 2017	W	74.5	5,053.8	4,478.1	W	W	14.2	1,602.5	W	13,290.0
December 2016	W	W	5,883.7	4,687.6	W	W	16.5	2,345.6	W	13,816.9
January 2016	W	78.9	5,217.3	4,098.9	W	W	14.2	1,561.7	W	14,863.4
Illinois										
January 2017	W	W	1,326.2	W	W	W	W	W	W	1,897.5
December 2016	W	W	1,339.1	W	W	W	W	W	W	2,072.5
January 2016	W	W	1,226.4	W	W	W	W	37.3	W	2,017.2
Indiana										
January 2017	-	-	550.8	270.2	W	W	-	W	W	564.5
December 2016	-	-	729.0	301.5	W	W	-	W	W	535.8
January 2016	-	-	563.9	329.6	W	W	-	W	W	525.0
Iowa										
January 2017	-	-	W	50.9	-	W	-	158.8	W	898.6
December 2016	-	-	22.6	W	-	W	-	294.3	W	961.6
January 2016	-	-	W	W	-	W	W	201.5	W	983.3
Kansas										
January 2017	W	W	W	W	-	W	W	93.8	W	2,473.8
December 2016	W	W	W	W	-	W	-	154.8	W	2,813.7
January 2016	W	W	W	W	-	W	-	112.1	W	3,661.9
Kentucky										
January 2017	-	W	W	424.3	W	W	W	W	W	681.9
December 2016	-	W	W	527.0	W	W	-	W	-	703.7
January 2016	-	W	W	W	W	W	-	W	W	686.0
Michigan										
January 2017	-	-	90.9	450.2	W	W	W	28.2	W	1,074.7
December 2016	W	-	123.2	351.8	W	W	W	32.3	W	1,099.4
January 2016	-	-	W	270.9	W	W	W	24.7	W	1,389.0
Minnesota										
January 2017	W	W	W	W	W	W	4.1	362.9	W	942.7
December 2016	-	W	W	W	W	W	5.3	479.7	W	973.9
January 2016	W	W	412.6	W	W	W	3.8	352.7	W	945.9
Missouri										
January 2017	W	-	W	W	-	W	-	9.3	-	602.4
December 2016	W	-	W	W	-	W	-	17.8	NA	595.1
January 2016	W	-	W	W	-	-	-	6.8	W	642.2

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										
January 2017	W	-	W	W	-	-	W	90.9	W	470.2
December 2016	W	-	W	W	-	-	W	194.5	W	468.6
January 2016	W	-	W	W	-	W	W	108.9	W	495.3
North Dakota										
January 2017	-	-	W	W	-	W	W	514.0	W	515.6
December 2016	-	-	W	W	-	W	W	627.9	W	455.1
January 2016	-	-	W	W	-	W	W	352.8	W	434.9
Ohio										
January 2017	W	-	455.2	621.2	W	W	-	W	W	1,076.0
December 2016	-	-	403.8	812.1	W	W	-	W	W	1,029.3
January 2016	-	-	451.9	W	W	W	-	W	W	909.7
Oklahoma										
January 2017	W	-	W	403.3	-	W	-	W	NA	316.4
December 2016	W	-	W	428.2	-	W	-	W	W	348.4
January 2016	W	-	W	275.2	-	W	-	W	W	355.3
South Dakota										
January 2017	-	-	W	-	W	-	W	122.7	W	305.1
December 2016	-	-	W	-	-	W	W	194.3	W	322.8
January 2016	-	-	12.5	W	-	-	W	98.8	W	295.9
Tennessee										
January 2017	-	W	W	106.7	W	W	-	-	-	266.1
December 2016	W	7.2	W	166.4	W	W	-	W	-	244.3
January 2016	W	9.4	W	118.2	W	W	-	W	-	278.9
Wisconsin										
January 2017	-	-	W	W	W	W	W	W	W	1,204.4
December 2016	-	-	W	W	W	10.1	W	W	W	1,192.4
January 2016	-	-	W	W	W	W	W	160.2	W	1,242.9
PAD District 3										
January 2017	W	75.0	6,745.5	11,042.4	-	520.0	-	W	5,316.7	12,369.0
December 2016	W	92.5	7,358.4	12,454.3	-	995.1	-	W	6,027.1	14,770.7
January 2016	W	85.7	9,234.0	13,100.6	W	829.3	-	-	8,299.8	17,542.6
Alabama										
January 2017	-	-	217.3	55.3	-	W	-	-	-	336.6
December 2016	-	W	354.2	403.6	-	W	-	-	-	465.9
January 2016	-	W	220.0	48.6	W	W	-	-	-	383.7
Arkansas										
January 2017	W	-	W	W	-	-	-	-	W	W
December 2016	W	-	W	W	-	W	-	-	-	W
January 2016	W	-	W	W	-	-	-	-	-	W
Louisiana										
January 2017	-	W	1,402.0	4,181.8	-	W	-	W	1,130.8	190.8
December 2016	W	4.5	1,183.4	4,385.7	-	W	-	W	W	235.9
January 2016	-	4.8	1,015.1	4,904.3	-	W	-	-	W	264.1
Mississippi										
January 2017	-	W	949.8	2,097.7	-	W	-	-	-	335.3
December 2016	-	W	732.7	2,153.9	-	W	-	-	-	390.8
January 2016	-	W	863.8	2,473.0	W	W	-	-	-	487.5
New Mexico										
January 2017	W	-	W	W	-	-	-	-	W	W
December 2016	W	-	W	W	-	-	-	-	W	W
January 2016	W	-	W	W	-	-	-	-	W	W
Texas										
January 2017	W	68.4	4,114.7	4,635.9	-	4.1	-	-	4,185.7	11,362.9
December 2016	W	W	5,013.3	5,437.8	-	W	-	-	4,980.7	13,544.3
January 2016	W	W	7,060.9	5,633.5	-	123.7	-	-	5,837.0	16,195.4

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4										
January 2017	W	W	720.5	952.6	-	-	W	445.2	W	1,511.7
December 2016	W	W	806.3	1,055.3	-	-	W	459.4	W	1,338.5
January 2016	W	W	985.7	383.6	-	-	W	W	W	1,418.5
Colorado										
January 2017	W	-	309.3	567.3	-	-	W	122.0	W	410.8
December 2016	W	-	294.8	623.3	-	-	W	131.3	W	439.4
January 2016	W	-	395.2	258.5	-	-	W	119.9	W	536.4
Idaho										
January 2017	-	-	W	21.5	-	-	W	36.7	W	76.2
December 2016	-	-	W	22.4	-	-	W	26.5	W	63.3
January 2016	-	-	W	17.6	-	-	W	W	W	50.5
Montana										
January 2017	-	W	W	W	-	-	W	114.7	W	294.6
December 2016	NA	W	W	W	-	-	W	145.8	W	247.0
January 2016	W	W	W	W	-	-	W	81.6	W	181.5
Utah										
January 2017	W	W	310.8	288.2	-	-	W	74.9	-	315.1
December 2016	W	W	372.4	334.9	-	-	W	50.3	-	170.8
January 2016	-	W	460.7	56.2	-	-	W	63.3	-	231.4
Wyoming										
January 2017	-	-	W	W	-	-	W	97.0	W	415.0
December 2016	-	-	W	W	-	-	W	105.5	W	418.0
January 2016	-	-	W	W	-	-	-	51.8	W	418.7
PAD District 5										
January 2017	W	W	11,735.2	7,836.1	W	W	W	395.1	W	2,756.7
December 2016	W	167.4	12,287.6	8,029.0	W	W	NA	371.4	W	2,524.5
January 2016	W	W	10,030.5	6,752.7	-	W	W	423.1	79.5	2,763.8
Alaska										
January 2017	W	-	W	W	-	-	W	W	W	W
December 2016	W	-	W	W	-	-	W	W	W	W
January 2016	W	W	W	509.2	-	-	W	309.8	W	W
Arizona										
January 2017	W	W	195.8	210.1	-	-	-	-	NA	312.8
December 2016	W	W	236.3	182.4	-	-	-	-	-	246.2
January 2016	W	W	159.9	NA	-	-	-	-	W	401.7
California										
January 2017	-	18.5	6,709.3	6,560.3	-	W	-	-	W	1,467.0
December 2016	-	W	7,105.0	6,788.6	-	W	-	-	W	1,439.6
January 2016	-	16.1	5,561.8	5,137.9	-	W	-	-	W	1,558.2
Hawaii										
January 2017	-	W	W	W	-	-	-	-	-	W
December 2016	-	W	W	W	-	-	-	-	-	W
January 2016	-	W	W	W	-	-	-	-	-	W
Nevada										
January 2017	-	-	W	W	-	-	-	-	-	125.2
December 2016	-	-	W	W	-	-	-	-	-	81.4
January 2016	-	-	W	W	-	-	-	-	-	92.5
Oregon										
January 2017	-	W	354.3	27.7	-	-	-	W	W	W
December 2016	-	8.2	380.3	36.5	-	-	-	W	W	W
January 2016	-	W	359.9	W	-	-	-	W	W	W
Washington										
January 2017	-	W	1,802.6	161.7	W	-	W	W	W	671.0
December 2016	-	W	1,808.5	188.9	W	-	W	W	W	627.6
January 2016	-	W	1,358.0	247.7	-	-	W	W	W	626.9

- = 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						
January 2017	12,129.6	126,139.3	W	W	W	W
December 2016	11,587.9	137,680.4	W	W	W	W
January 2016	11,756.2	128,016.0	W	W	W	W
PAD District 1						
January 2017	W	22,887.0	-	W	-	W
December 2016	1,631.5	25,029.1	-	W	-	W
January 2016	1,848.9	22,826.4	-	W	-	W
Subdistrict 1A						
January 2017	31.8	W	-	-	-	-
December 2016	32.2	W	-	-	-	-
January 2016	31.1	W	-	-	-	-
Connecticut						
January 2017	W	W	-	-	-	-
December 2016	W	W	-	-	-	-
January 2016	W	W	-	-	-	-
Maine						
January 2017	-	W	-	-	-	-
December 2016	-	W	-	-	-	-
January 2016	-	85.5	-	-	-	-
Massachusetts						
January 2017	W	144.3	-	-	-	-
December 2016	W	176.9	-	-	-	-
January 2016	W	W	-	-	-	-
New Hampshire						
January 2017	W	W	-	-	-	-
December 2016	W	W	-	-	-	-
January 2016	W	W	-	-	-	-
Rhode Island						
January 2017	W	W	-	-	-	-
December 2016	W	W	-	-	-	-
January 2016	W	W	-	-	-	-
Vermont						
January 2017	W	W	-	-	-	-
December 2016	W	W	-	-	-	-
January 2016	W	W	-	-	-	-
Subdistrict 1B						
January 2017	W	W	-	W	-	W
December 2016	604.1	W	-	W	-	W
January 2016	542.0	W	-	W	-	W
Delaware						
January 2017	1.9	W	-	-	-	-
December 2016	W	W	-	-	-	-
January 2016	2.7	W	-	-	-	-
District of Columbia						
January 2017	-	W	-	-	-	-
December 2016	-	W	-	-	-	-
January 2016	-	W	-	-	-	-
Maryland						
January 2017	W	W	-	-	-	-
December 2016	W	W	-	-	-	-
January 2016	W	W	-	-	-	-
New Jersey						
January 2017	W	W	-	W	-	-
December 2016	178.4	W	-	W	-	-
January 2016	164.7	W	-	W	-	-
New York						
January 2017	154.8	W	-	-	-	W
December 2016	W	W	-	-	-	W
January 2016	W	W	-	-	-	W
Pennsylvania						
January 2017	W	4,395.3	-	-	-	-
December 2016	W	5,124.5	-	-	-	-
January 2016	W	4,745.8	-	-	-	-

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						
January 2017	965.5	W	-	-	-	-
December 2016	995.2	W	-	-	-	-
January 2016	1,275.8	W	-	-	-	-
Florida						
January 2017	429.6	W	-	-	-	-
December 2016	422.0	4,287.9	-	-	-	-
January 2016	306.3	3,870.3	-	-	-	-
Georgia						
January 2017	61.0	2,250.9	-	-	-	-
December 2016	76.7	2,145.4	-	-	-	-
January 2016	130.8	2,623.0	-	-	-	-
North Carolina						
January 2017	288.0	W	-	-	-	-
December 2016	295.2	W	-	-	-	-
January 2016	422.1	W	-	-	-	-
South Carolina						
January 2017	W	1,184.9	-	-	-	-
December 2016	W	1,189.0	-	-	-	-
January 2016	W	1,113.7	-	-	-	-
Virginia						
January 2017	15.7	2,183.1	-	-	-	-
December 2016	15.5	2,254.4	-	-	-	-
January 2016	44.5	2,128.8	-	-	-	-
West Virginia						
January 2017	W	W	-	-	-	-
December 2016	W	W	-	-	-	-
January 2016	W	546.6	-	-	-	-
PAD District 2						
January 2017	W	W	-	-	-	-
December 2016	W	W	-	-	-	-
January 2016	W	W	-	-	-	-
Illinois						
January 2017	W	5,777.6	-	-	-	-
December 2016	W	5,882.9	-	-	-	-
January 2016	247.2	5,444.5	-	-	-	-
Indiana						
January 2017	W	3,205.5	-	-	-	-
December 2016	W	3,493.2	-	-	-	-
January 2016	W	3,098.8	-	-	-	-
Iowa						
January 2017	18.7	1,576.8	-	-	-	-
December 2016	21.4	1,819.2	-	-	-	-
January 2016	22.7	1,726.5	-	-	-	-
Kansas						
January 2017	719.6	2,633.5	-	-	-	-
December 2016	W	2,711.2	-	-	-	-
January 2016	441.3	2,631.6	-	-	-	-
Kentucky						
January 2017	W	W	-	-	-	-
December 2016	W	W	-	-	-	-
January 2016	W	W	-	-	-	-
Michigan						
January 2017	W	W	-	-	-	-
December 2016	W	W	-	-	-	-
January 2016	W	W	-	-	-	-
Minnesota						
January 2017	W	1,789.0	-	-	-	-
December 2016	W	1,978.8	-	-	-	-
January 2016	W	1,768.1	-	-	-	-
Missouri						
January 2017	W	1,239.3	-	-	-	-
December 2016	1.5	1,381.0	-	-	-	-
January 2016	W	1,087.5	-	-	-	-

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						
January 2017	W	1,080.7	-	-	-	-
December 2016	W	1,207.7	-	-	-	-
January 2016	W	1,064.0	-	-	-	-
North Dakota						
January 2017	W	892.4	-	-	-	-
December 2016	W	927.4	-	-	-	-
January 2016	W	1,230.5	-	-	-	-
Ohio						
January 2017	845.1	4,505.3	-	-	-	-
December 2016	850.5	4,699.3	-	-	-	-
January 2016	846.6	4,482.6	-	-	-	-
Oklahoma						
January 2017	65.1	4,411.0	-	-	-	-
December 2016	W	6,137.6	-	-	-	-
January 2016	W	4,884.9	-	-	-	-
South Dakota						
January 2017	W	407.1	-	-	-	-
December 2016	W	401.5	-	-	-	-
January 2016	W	381.1	-	-	-	-
Tennessee						
January 2017	265.1	2,804.7	-	-	-	-
December 2016	262.5	2,878.7	-	-	-	-
January 2016	534.4	3,097.3	-	-	-	-
Wisconsin						
January 2017	W	W	-	-	-	-
December 2016	W	W	-	-	-	-
January 2016	W	1,936.2	-	-	-	-
PAD District 3						
January 2017	W	45,673.8	W	W	-	W
December 2016	W	49,449.6	W	W	-	W
January 2016	2,542.6	45,973.8	W	W	W	W
Alabama						
January 2017	152.9	1,406.7	-	-	-	-
December 2016	175.5	1,392.0	-	-	-	-
January 2016	169.0	1,548.0	-	-	-	-
Arkansas						
January 2017	W	1,207.6	-	-	-	-
December 2016	W	1,373.8	-	-	-	-
January 2016	W	W	-	-	-	-
Louisiana						
January 2017	NA	9,165.4	-	W	-	W
December 2016	208.0	W	-	W	-	W
January 2016	W	W	-	W	-	W
Mississippi						
January 2017	103.6	1,507.5	-	-	-	-
December 2016	110.6	W	-	-	-	-
January 2016	92.4	W	-	-	-	-
New Mexico						
January 2017	267.4	1,176.1	-	-	-	-
December 2016	283.2	1,125.8	-	-	-	-
January 2016	286.3	1,067.3	-	-	-	-
Texas						
January 2017	2,170.0	31,210.6	W	W	-	W
December 2016	1,608.3	32,455.4	W	W	-	W
January 2016	1,599.4	32,764.1	W	W	W	W

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
January 2017	W	5,992.8	-	-	-	-
December 2016	W	6,313.2	-	-	-	-
January 2016	W	6,130.4	-	-	-	-
Colorado						
January 2017	245.1	1,725.4	-	-	-	-
December 2016	223.1	1,932.7	-	-	-	-
January 2016	247.4	1,924.9	-	-	-	-
Idaho						
January 2017	W	762.3	-	-	-	-
December 2016	W	726.9	-	-	-	-
January 2016	W	715.5	-	-	-	-
Montana						
January 2017	212.5	904.0	-	-	-	-
December 2016	187.9	960.2	-	-	-	-
January 2016	W	873.5	-	-	-	-
Utah						
January 2017	306.1	1,616.6	-	-	-	-
December 2016	W	1,763.5	-	-	-	-
January 2016	W	1,741.2	-	-	-	-
Wyoming						
January 2017	407.7	984.5	-	-	-	-
December 2016	348.6	929.9	-	-	-	-
January 2016	394.1	875.2	-	-	-	-
PAD District 5						
January 2017	W	W	W	-	W	W
December 2016	W	W	W	-	W	W
January 2016	W	W	W	-	W	W
Alaska						
January 2017	W	W	-	-	-	-
December 2016	W	W	-	-	-	-
January 2016	W	W	-	-	-	-
Arizona						
January 2017	369.3	968.7	-	-	-	-
December 2016	363.8	961.4	-	-	-	-
January 2016	440.4	1,100.4	-	-	-	-
California						
January 2017	1,050.9	W	-	-	-	W
December 2016	1,235.5	W	-	-	-	W
January 2016	861.7	9,618.2	-	-	-	-
Hawaii						
January 2017	W	W	W	-	W	W
December 2016	W	W	W	-	W	W
January 2016	W	W	W	-	W	W
Nevada						
January 2017	W	336.1	-	-	-	-
December 2016	W	406.0	-	-	-	-
January 2016	W	446.6	-	-	-	-
Oregon						
January 2017	9.2	1,673.3	-	-	-	-
December 2016	7.4	1,746.4	-	-	-	-
January 2016	6.2	2,292.9	-	-	-	-
Washington						
January 2017	W	2,843.7	-	-	-	-
December 2016	W	2,804.5	-	-	-	-
January 2016	W	2,757.5	-	-	-	-

- = 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				
January 2017	NA	13,746.5	12,529.5	143,271.4
December 2016	106.8	14,391.3	12,011.8	155,405.0
January 2016	127.2	12,260.1	12,204.5	142,769.5
PAD District 1				
January 2017	W	10,184.7	1,658.9	33,178.0
December 2016	12.1	9,167.9	1,643.5	34,300.3
January 2016	50.2	8,592.8	1,899.2	31,650.3
Subdistrict 1A				
January 2017	-	W	31.8	2,062.3
December 2016	-	W	32.2	2,022.5
January 2016	-	W	31.1	1,757.1
Connecticut				
January 2017	-	W	W	673.7
December 2016	-	W	W	584.1
January 2016	-	W	W	674.9
Maine				
January 2017	-	W	-	140.5
December 2016	-	W	-	146.2
January 2016	-	-	-	85.5
Massachusetts				
January 2017	-	-	W	144.3
December 2016	-	-	W	176.9
January 2016	-	W	W	198.0
New Hampshire				
January 2017	-	W	W	W
December 2016	-	W	W	W
January 2016	-	-	W	W
Rhode Island				
January 2017	-	W	W	W
December 2016	-	W	W	W
January 2016	-	W	W	W
Vermont				
January 2017	-	W	W	W
December 2016	-	W	W	W
January 2016	-	W	W	W
Subdistrict 1B				
January 2017	W	8,485.8	661.5	17,842.0
December 2016	12.1	8,020.7	616.2	19,480.1
January 2016	50.2	7,628.6	592.3	17,224.6
Delaware				
January 2017	-	W	W	W
December 2016	-	W	W	W
January 2016	W	W	W	W
District of Columbia				
January 2017	-	-	-	W
December 2016	-	-	-	W
January 2016	-	-	-	W
Maryland				
January 2017	W	W	W	1,377.0
December 2016	W	W	W	1,291.1
January 2016	W	W	W	1,336.8
New Jersey				
January 2017	W	4,392.4	188.1	7,444.5
December 2016	-	4,552.2	178.4	8,664.2
January 2016	-	3,938.1	164.7	6,560.4
New York				
January 2017	-	1,464.4	154.8	2,251.4
December 2016	W	1,116.4	173.7	2,243.2
January 2016	W	1,697.5	156.1	2,799.1
Pennsylvania				
January 2017	W	2,069.6	305.1	6,464.9
December 2016	W	1,884.6	256.4	7,009.1
January 2016	W	1,480.3	219.5	6,226.1

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				
January 2017	-	W	965.5	13,273.7
December 2016	-	W	995.2	12,797.6
January 2016	-	W	1,275.8	12,668.6
Florida				
January 2017	-	W	429.6	4,585.2
December 2016	-	-	422.0	4,287.9
January 2016	-	-	306.3	3,870.3
Georgia				
January 2017	-	-	61.0	2,250.9
December 2016	-	-	76.7	2,145.4
January 2016	-	-	130.8	2,623.0
North Carolina				
January 2017	-	W	288.0	2,523.2
December 2016	-	W	295.2	2,381.6
January 2016	-	W	422.1	2,386.2
South Carolina				
January 2017	-	-	W	1,184.9
December 2016	-	-	W	1,189.0
January 2016	-	-	W	1,113.7
Virginia				
January 2017	-	-	15.7	2,183.1
December 2016	-	-	15.5	2,254.4
January 2016	-	-	44.5	2,128.8
West Virginia				
January 2017	-	W	W	546.3
December 2016	-	W	W	539.3
January 2016	-	-	W	546.6
PAD District 2				
January 2017	W	W	4,349.4	36,183.8
December 2016	W	W	4,371.8	39,890.1
January 2016	W	W	4,511.1	36,639.3
Illinois				
January 2017	-	-	W	5,777.6
December 2016	-	-	W	5,882.9
January 2016	-	-	247.2	5,444.5
Indiana				
January 2017	-	-	W	3,205.5
December 2016	-	-	W	3,493.2
January 2016	-	-	W	3,098.8
Iowa				
January 2017	-	-	18.7	1,576.8
December 2016	-	-	21.4	1,819.2
January 2016	-	-	22.7	1,726.5
Kansas				
January 2017	-	-	719.6	2,633.5
December 2016	-	-	W	2,711.2
January 2016	-	-	441.3	2,631.6
Kentucky				
January 2017	-	W	W	1,866.3
December 2016	-	W	W	1,821.8
January 2016	-	W	W	1,774.8
Michigan				
January 2017	-	W	W	2,147.8
December 2016	-	W	W	2,529.2
January 2016	-	W	W	2,031.0
Minnesota				
January 2017	W	-	252.2	1,789.0
December 2016	W	-	251.2	1,978.8
January 2016	W	-	244.1	1,768.1
Missouri				
January 2017	-	-	W	1,239.3
December 2016	-	-	1.5	1,381.0
January 2016	-	-	W	1,087.5

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 2 (cont.)				
Nebraska				
January 2017	-	-	W	1,080.7
December 2016	-	-	W	1,207.7
January 2016	-	-	W	1,064.0
North Dakota				
January 2017	W	-	W	892.4
December 2016	W	-	W	927.4
January 2016	W	-	W	1,230.5
Ohio				
January 2017	-	-	845.1	4,505.3
December 2016	-	-	850.5	4,699.3
January 2016	-	-	846.6	4,482.6
Oklahoma				
January 2017	-	-	65.1	4,411.0
December 2016	-	-	W	6,137.6
January 2016	-	-	W	4,884.9
South Dakota				
January 2017	W	-	W	407.1
December 2016	W	-	W	401.5
January 2016	W	-	67.4	381.1
Tennessee				
January 2017	-	-	265.1	2,804.7
December 2016	-	-	262.5	2,878.7
January 2016	-	-	534.4	3,097.3
Wisconsin				
January 2017	W	W	144.7	1,846.7
December 2016	W	W	137.2	2,020.6
January 2016	W	-	48.2	1,936.2
PAD District 3				
January 2017	-	3,471.0	3,047.1	51,972.1
December 2016	-	5,097.3	2,468.6	57,442.1
January 2016	-	3,612.7	2,579.1	51,710.1
Alabama				
January 2017	-	-	152.9	1,406.7
December 2016	-	-	175.5	1,392.0
January 2016	-	-	169.0	1,548.0
Arkansas				
January 2017	-	-	W	1,207.6
December 2016	-	-	W	1,373.8
January 2016	-	W	W	833.0
Louisiana				
January 2017	-	521.5	W	12,057.3
December 2016	-	W	208.0	14,715.5
January 2016	-	880.7	W	9,898.4
Mississippi				
January 2017	-	223.5	103.6	1,730.9
December 2016	-	W	W	1,870.8
January 2016	-	W	92.4	3,051.2
New Mexico				
January 2017	-	-	267.4	1,176.1
December 2016	-	-	283.2	1,125.8
January 2016	-	-	286.3	1,067.3
Texas				
January 2017	-	2,726.0	2,190.6	34,393.5
December 2016	-	4,067.5	1,629.3	36,964.1
January 2016	-	2,373.5	1,635.9	35,312.3

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				
January 2017	W	-	1,262.4	5,992.8
December 2016	W	-	1,112.3	6,313.2
January 2016	W	-	1,137.8	6,130.4
Colorado				
January 2017	-	-	245.1	1,725.4
December 2016	-	-	223.1	1,932.7
January 2016	-	-	247.4	1,924.9
Idaho				
January 2017	W	-	91.0	762.3
December 2016	W	-	53.5	726.9
January 2016	W	-	75.3	715.5
Montana				
January 2017	-	-	212.5	904.0
December 2016	-	-	187.9	960.2
January 2016	W	-	102.1	873.5
Utah				
January 2017	-	-	306.1	1,616.6
December 2016	W	-	299.2	1,763.5
January 2016	W	-	318.9	1,741.2
Wyoming				
January 2017	-	-	407.7	984.5
December 2016	-	-	348.6	929.9
January 2016	-	-	394.1	875.2
PAD District 5				
January 2017	W	W	2,211.8	15,944.6
December 2016	W	W	2,415.5	17,459.3
January 2016	W	W	2,077.4	16,639.5
Alaska				
January 2017	W	W	W	W
December 2016	W	W	W	W
January 2016	W	W	W	W
Arizona				
January 2017	-	-	369.3	968.7
December 2016	-	-	363.8	961.4
January 2016	-	-	440.4	1,100.4
California				
January 2017	-	-	1,050.9	9,745.2
December 2016	-	-	1,235.5	11,237.7
January 2016	-	-	861.7	9,618.2
Hawaii				
January 2017	-	-	W	W
December 2016	-	-	W	W
January 2016	-	-	W	W
Nevada				
January 2017	W	-	127.7	336.1
December 2016	W	-	129.1	406.0
January 2016	W	-	17.5	446.6
Oregon				
January 2017	-	-	9.2	1,673.3
December 2016	-	-	7.4	1,746.4
January 2016	-	-	6.2	2,292.9
Washington				
January 2017	W	-	134.5	2,843.7
December 2016	W	-	156.3	2,804.5
January 2016	W	-	179.5	2,757.5

- = 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								
January 2017	W	466.2	W	6,174.1	3,876.3	6,640.3	W	W
December 2016	W	592.8	W	6,977.2	4,243.9	7,570.0	-	W
January 2016	W	977.1	W	8,315.6	4,103.1	9,292.6	W	166.0
PAD District 1								
January 2017	W	W	471.8	W	W	1,874.4	-	-
December 2016	-	W	W	W	W	2,337.0	-	-
January 2016	W	W	442.4	W	W	2,182.3	-	-
Subdistrict 1A								
January 2017	-	-	-	-	-	-	-	-
December 2016	-	-	-	-	-	-	-	-
January 2016	-	-	-	-	-	-	-	-
Subdistrict 1B								
January 2017	W	W	W	1,609.2	W	W	-	-
December 2016	-	W	W	W	W	W	-	-
January 2016	W	W	W	W	W	2,182.3	-	-
Subdistrict 1C								
January 2017	-	-	W	W	W	W	-	-
December 2016	-	-	W	W	W	W	-	-
January 2016	-	-	W	-	W	-	-	-
PAD District 2								
January 2017	-	-	-	140.4	-	140.4	-	W
December 2016	-	-	-	W	-	W	-	W
January 2016	-	-	-	135.2	-	135.2	-	W
PAD District 3								
January 2017	-	W	W	W	W	2,978.5	-	W
December 2016	-	W	W	W	W	3,872.1	-	W
January 2016	-	523.5	W	4,269.2	W	4,792.6	-	W
PAD District 4								
January 2017	-	W	-	W	-	21.9	W	-
December 2016	-	W	-	W	-	W	-	-
January 2016	-	W	-	W	-	79.9	W	-
PAD District 5								
January 2017	W	W	W	W	3,058.3	1,625.1	-	-
December 2016	W	W	W	W	2,960.9	1,194.1	-	-
January 2016	W	W	W	W	3,220.7	2,102.5	-	-

- = 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						
January 2017	199,929.0	98,564.7	298,493.8	3,871.8	2,423.9	6,295.7
December 2016	213,989.0	105,515.7	319,504.8	4,271.2	2,612.8	6,884.0
January 2016	198,609.7	98,813.7	297,423.5	4,022.1	2,463.0	6,485.2
PAD District 1						
January 2017	59,896.1	38,859.3	98,755.5	1,284.5	883.4	2,167.8
December 2016	65,012.1	42,444.1	107,456.3	1,395.8	974.6	2,370.5
January 2016	60,520.8	38,812.3	99,333.1	1,366.6	883.3	2,249.9
Subdistrict 1A						
January 2017	1,651.7	12,442.1	14,093.9	13.1	276.3	289.4
December 2016	1,780.9	13,493.6	15,274.6	14.2	302.8	316.9
January 2016	1,732.2	12,791.2	14,523.4	13.3	260.0	273.2
Connecticut						
January 2017	-	3,225.6	3,225.6	-	77.9	77.9
December 2016	-	3,535.9	3,535.9	-	84.9	84.9
January 2016	-	3,599.5	3,599.5	-	73.7	73.7
Maine						
January 2017	617.4	1,046.9	1,664.3	2.4	14.2	16.5
December 2016	676.5	1,139.7	1,816.2	2.6	15.6	18.2
January 2016	674.8	979.8	1,654.6	2.5	12.8	15.3
Massachusetts						
January 2017	-	5,745.3	5,745.3	-	137.8	137.8
December 2016	-	6,299.6	6,299.6	-	149.6	149.6
January 2016	-	5,690.6	5,690.6	-	127.4	127.4
New Hampshire						
January 2017	294.7	977.5	1,272.2	2.2	17.7	19.9
December 2016	308.7	1,075.9	1,384.7	2.3	20.2	22.5
January 2016	301.4	1,084.4	1,385.7	2.1	17.2	19.4
Rhode Island						
January 2017	-	1,446.9	1,446.9	-	28.7	28.7
December 2016	-	1,442.5	1,442.5	-	32.5	32.5
January 2016	-	1,436.9	1,436.9	-	28.9	28.9
Vermont						
January 2017	739.6	-	739.6	8.5	-	8.5
December 2016	795.7	-	795.7	9.3	-	9.3
January 2016	756.0	-	756.0	8.6	-	8.6
Subdistrict 1B						
January 2017	10,008.7	22,420.6	32,429.4	150.1	487.5	637.7
December 2016	11,775.0	24,319.6	36,094.6	170.9	537.0	707.9
January 2016	10,561.1	22,090.6	32,651.6	162.5	519.4	681.9
Delaware						
January 2017	-	966.8	966.8	-	11.0	11.0
December 2016	-	1,077.6	1,077.6	-	13.0	13.0
January 2016	-	931.6	931.6	-	10.9	10.9
District of Columbia						
January 2017	-	144.0	144.0	-	6.6	6.6
December 2016	-	149.5	149.5	-	7.1	7.1
January 2016	-	127.7	127.7	-	7.5	7.5
Maryland						
January 2017	460.1	4,062.2	4,522.2	3.9	69.1	73.1
December 2016	464.5	4,329.5	4,794.1	3.7	77.5	81.2
January 2016	366.5	3,941.1	4,307.6	3.1	82.3	85.4
New Jersey						
January 2017	-	8,532.0	8,532.0	-	130.7	130.7
December 2016	-	9,240.6	9,240.6	-	140.2	140.2
January 2016	-	8,563.6	8,563.6	-	145.7	145.7
New York						
January 2017	5,236.1	6,828.5	12,064.5	66.6	224.9	291.5
December 2016	5,805.7	7,349.6	13,155.4	76.0	248.2	324.2
January 2016	5,335.4	6,633.8	11,969.2	73.6	223.9	297.5
Pennsylvania						
January 2017	4,312.5	1,887.4	6,199.9	79.5	45.2	124.7
December 2016	5,504.7	2,172.8	7,677.5	91.2	51.0	142.2
January 2016	4,859.3	1,892.7	6,752.0	85.8	48.9	134.8

See footnotes at end of table.

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

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
United States						
January 2017	19,793.6	18,034.9	37,828.5	223,594.5	119,023.5	342,618.0
December 2016	21,620.5	19,586.5	41,207.0	239,880.9	127,715.0	367,595.8
January 2016	20,393.9	17,890.1	38,284.1	223,025.7	119,167.0	342,192.8
PAD District 1						
January 2017	6,404.6	6,084.7	12,489.4	67,585.2	45,827.3	113,412.7
December 2016	7,002.8	6,762.1	13,764.9	73,410.7	50,180.8	123,591.7
January 2016	6,679.1	6,103.5	12,782.5	68,566.5	45,799.1	114,365.5
Subdistrict 1A						
January 2017	134.3	1,595.0	1,729.3	1,799.1	14,313.5	16,112.5
December 2016	132.6	1,779.5	1,912.2	1,927.7	15,576.0	17,503.6
January 2016	125.2	1,585.6	1,710.8	1,870.6	14,636.8	16,507.5
Connecticut						
January 2017	-	482.9	482.9	-	3,786.4	3,786.4
December 2016	-	540.9	540.9	-	4,161.7	4,161.7
January 2016	-	503.1	503.1	-	4,176.3	4,176.3
Maine						
January 2017	54.4	56.5	110.8	674.2	1,117.5	1,791.7
December 2016	52.5	59.5	112.0	731.6	1,214.8	1,946.4
January 2016	49.2	52.1	101.3	726.5	1,044.7	1,771.2
Massachusetts						
January 2017	-	780.6	780.6	-	6,663.7	6,663.7
December 2016	-	880.5	880.5	-	7,329.7	7,329.7
January 2016	-	745.6	745.6	-	6,563.6	6,563.6
New Hampshire						
January 2017	22.3	90.7	113.1	319.2	1,085.9	1,405.1
December 2016	20.4	97.6	118.0	331.4	1,193.7	1,525.1
January 2016	20.3	105.8	126.0	323.7	1,207.4	1,531.1
Rhode Island						
January 2017	-	184.3	184.3	-	1,659.9	1,659.9
December 2016	-	201.0	201.0	-	1,676.0	1,676.0
January 2016	-	179.1	179.1	-	1,644.9	1,644.9
Vermont						
January 2017	57.5	-	57.5	805.6	-	805.6
December 2016	59.7	-	59.7	864.7	-	864.7
January 2016	55.8	-	55.8	820.4	-	820.4
Subdistrict 1B						
January 2017	759.6	3,739.5	4,499.2	10,918.5	26,647.8	37,566.3
December 2016	938.5	4,157.3	5,095.7	12,884.3	29,013.9	41,898.3
January 2016	826.7	3,798.0	4,624.7	11,550.4	26,408.0	37,958.3
Delaware						
January 2017	-	106.8	106.8	-	1,084.6	1,084.6
December 2016	-	122.6	122.6	-	1,213.2	1,213.2
January 2016	-	95.2	95.2	-	1,037.7	1,037.7
District of Columbia						
January 2017	-	30.3	30.3	-	180.9	180.9
December 2016	-	33.8	33.8	-	190.5	190.5
January 2016	-	30.3	30.3	-	165.5	165.5
Maryland						
January 2017	29.8	689.6	719.4	493.8	4,820.9	5,314.7
December 2016	31.5	732.5	763.9	499.7	5,139.5	5,639.2
January 2016	25.8	684.5	710.4	395.4	4,708.0	5,103.4
New Jersey						
January 2017	-	1,184.4	1,184.4	-	9,847.1	9,847.1
December 2016	-	1,337.6	1,337.6	-	10,718.4	10,718.4
January 2016	-	1,250.5	1,250.5	-	9,959.7	9,959.7
New York						
January 2017	401.2	1,458.3	1,859.5	5,704.0	8,511.7	14,215.6
December 2016	458.9	1,586.4	2,045.3	6,340.7	9,184.2	15,524.9
January 2016	416.2	1,477.3	1,893.5	5,825.2	8,335.0	14,160.2
Pennsylvania						
January 2017	328.6	270.1	598.7	4,720.7	2,202.6	6,923.3
December 2016	448.1	344.4	792.4	6,043.9	2,568.2	8,612.1
January 2016	384.6	260.3	644.9	5,329.7	2,201.9	7,531.7

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
Subdistrict 1C						
January 2017	48,235.8	3,996.5	52,232.1	1,121.3	119.5	1,240.8
December 2016	51,456.3	4,630.9	56,087.1	1,210.8	134.9	1,345.7
January 2016	48,227.5	3,930.5	52,158.0	1,190.8	104.0	1,294.7
Florida						
January 2017	16,955.3	-	16,955.3	297.7	-	297.7
December 2016	18,018.4	-	18,018.4	310.8	-	310.8
January 2016	17,280.5	-	17,280.5	316.2	-	316.2
Georgia						
January 2017	10,776.6	-	10,776.6	311.4	-	311.4
December 2016	11,216.2	-	11,216.2	336.1	-	336.1
January 2016	10,801.8	-	10,801.8	328.3	-	328.3
North Carolina						
January 2017	9,664.0	-	9,664.0	243.7	-	243.7
December 2016	10,448.5	-	10,448.5	268.8	-	268.8
January 2016	9,539.1	-	9,539.1	263.6	-	263.6
South Carolina						
January 2017	5,659.8	-	5,659.8	175.0	-	175.0
December 2016	6,111.5	-	6,111.5	188.5	-	188.5
January 2016	5,589.4	-	5,589.4	184.2	-	184.2
Virginia						
January 2017	3,403.4	3,996.5	7,399.8	68.0	119.5	187.6
December 2016	3,763.4	4,630.9	8,394.3	77.6	134.9	212.5
January 2016	3,339.1	3,930.5	7,269.6	69.8	104.0	173.8
West Virginia						
January 2017	1,776.6	-	1,776.6	25.4	-	25.4
December 2016	1,898.3	-	1,898.3	29.1	-	29.1
January 2016	1,677.7	-	1,677.7	28.6	-	28.6
PAD District 2						
January 2017	72,452.5	13,263.4	85,715.8	1,237.4	214.0	1,451.4
December 2016	78,253.7	14,467.0	92,720.7	1,404.6	233.2	1,637.8
January 2016	72,006.7	13,530.4	85,537.1	1,379.7	239.6	1,619.3
Illinois						
January 2017	3,940.5	7,102.3	11,042.8	67.6	104.3	171.9
December 2016	4,263.2	7,729.7	11,993.0	77.9	116.5	194.4
January 2016	4,039.8	7,265.1	11,304.9	82.7	120.2	202.9
Indiana						
January 2017	6,567.3	1,129.7	7,697.0	91.5	25.5	117.0
December 2016	6,867.4	1,206.3	8,073.7	99.8	24.7	124.5
January 2016	6,425.2	1,062.9	7,488.1	109.6	24.7	134.3
Iowa						
January 2017	2,391.4	-	2,391.4	79.8	-	79.8
December 2016	2,942.3	-	2,942.3	95.5	-	95.5
January 2016	2,418.6	-	2,418.6	94.8	-	94.8
Kansas						
January 2017	3,670.2	-	3,670.2	52.0	-	52.0
December 2016	4,033.3	-	4,033.3	59.5	-	59.5
January 2016	3,640.5	-	3,640.5	57.8	-	57.8
Kentucky						
January 2017	3,603.6	1,041.8	4,645.5	53.1	16.9	70.1
December 2016	3,924.1	1,135.8	5,060.0	61.3	18.4	79.7
January 2016	3,507.7	1,039.3	4,547.0	56.9	19.3	76.2
Michigan						
January 2017	10,864.7	-	10,864.7	71.6	-	71.6
December 2016	11,659.7	-	11,659.7	80.0	-	80.0
January 2016	10,911.4	-	10,911.4	85.1	-	85.1
Minnesota						
January 2017	5,464.5	-	5,464.5	170.6	-	170.6
December 2016	5,936.7	-	5,936.7	201.5	-	201.5
January 2016	5,535.3	-	5,535.3	187.6	-	187.6
Missouri						
January 2017	4,169.7	2,142.4	6,312.2	68.8	39.3	108.1
December 2016	4,818.6	2,367.1	7,185.7	85.4	42.6	128.0
January 2016	4,048.5	2,264.2	6,312.7	77.1	45.2	122.3

See footnotes at end of table.

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

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
Subdistrict 1C						
January 2017	5,510.7	750.2	6,260.9	54,867.8	4,866.2	59,733.8
December 2016	5,931.7	825.2	6,757.0	58,598.8	5,591.0	64,189.8
January 2016	5,727.1	719.8	6,447.0	55,145.5	4,754.3	59,899.6
Florida						
January 2017	2,275.3	-	2,275.3	19,528.4	-	19,528.4
December 2016	2,424.3	-	2,424.3	20,753.5	-	20,753.5
January 2016	2,398.6	-	2,398.6	19,995.3	-	19,995.3
Georgia						
January 2017	1,296.4	-	1,296.4	12,384.4	-	12,384.4
December 2016	1,353.5	-	1,353.5	12,905.7	-	12,905.7
January 2016	1,364.9	-	1,364.9	12,495.0	-	12,495.0
North Carolina						
January 2017	1,048.1	-	1,048.1	10,955.7	-	10,955.7
December 2016	1,146.7	-	1,146.7	11,863.9	-	11,863.9
January 2016	1,017.2	-	1,017.2	10,819.9	-	10,819.9
South Carolina						
January 2017	549.4	-	549.4	6,384.2	-	6,384.2
December 2016	619.0	-	619.0	6,918.9	-	6,918.9
January 2016	583.9	-	583.9	6,357.5	-	6,357.5
Virginia						
January 2017	260.1	750.2	1,010.3	3,731.5	4,866.2	8,597.7
December 2016	300.3	825.2	1,125.5	4,141.4	5,591.0	9,732.4
January 2016	278.2	719.8	998.1	3,687.1	4,754.3	8,441.4
West Virginia						
January 2017	81.5	-	81.5	1,883.5	-	1,883.5
December 2016	88.1	-	88.1	2,015.4	-	2,015.4
January 2016	84.2	-	84.2	1,790.6	-	1,790.6
PAD District 2						
January 2017	5,104.3	1,418.7	6,523.0	78,794.2	14,896.1	93,690.2
December 2016	5,624.2	1,573.4	7,197.5	85,282.5	16,273.6	101,556.1
January 2016	5,289.2	1,523.4	6,812.6	78,675.6	15,293.4	93,969.1
Illinois						
January 2017	172.1	903.6	1,075.7	4,180.2	8,110.2	12,290.4
December 2016	200.1	1,000.7	1,200.8	4,541.2	8,846.9	13,388.1
January 2016	195.4	989.5	1,184.8	4,317.9	8,374.7	12,692.6
Indiana						
January 2017	370.2	104.7	474.9	7,028.9	1,259.9	8,288.9
December 2016	401.8	111.2	513.0	7,369.0	1,342.3	8,711.3
January 2016	398.9	95.7	494.6	6,933.7	1,183.3	8,117.0
Iowa						
January 2017	251.3	-	251.3	2,722.5	-	2,722.5
December 2016	290.0	-	290.0	3,327.8	-	3,327.8
January 2016	277.6	-	277.6	2,791.1	-	2,791.1
Kansas						
January 2017	276.1	-	276.1	3,998.3	-	3,998.3
December 2016	305.9	-	305.9	4,398.7	-	4,398.7
January 2016	265.8	-	265.8	3,964.1	-	3,964.1
Kentucky						
January 2017	204.2	84.3	288.5	3,861.0	1,143.0	5,004.0
December 2016	220.8	94.5	315.3	4,206.2	1,248.7	5,454.9
January 2016	204.0	95.5	299.4	3,768.6	1,154.0	4,922.6
Michigan						
January 2017	587.5	-	587.5	11,523.9	-	11,523.9
December 2016	625.9	-	625.9	12,365.6	-	12,365.6
January 2016	639.5	-	639.5	11,636.0	-	11,636.0
Minnesota						
January 2017	435.9	-	435.9	6,071.0	-	6,071.0
December 2016	455.1	-	455.1	6,593.3	-	6,593.3
January 2016	420.4	-	420.4	6,143.4	-	6,143.4
Missouri						
January 2017	279.4	185.8	465.2	4,517.9	2,367.5	6,885.5
December 2016	316.0	209.1	525.0	5,220.0	2,618.7	7,838.7
January 2016	272.6	199.6	472.2	4,398.2	2,509.0	6,907.2

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						
January 2017	1,656.0	-	1,656.0	35.9	-	35.9
December 2016	1,954.8	-	1,954.8	46.8	-	46.8
January 2016	1,653.8	-	1,653.8	50.0	-	50.0
North Dakota						
January 2017	864.9	-	864.9	33.1	-	33.1
December 2016	910.2	-	910.2	36.9	-	36.9
January 2016	848.5	-	848.5	34.4	-	34.4
Ohio						
January 2017	11,267.6	-	11,267.6	157.8	-	157.8
December 2016	11,942.1	-	11,942.1	168.6	-	168.6
January 2016	11,224.5	-	11,224.5	172.9	-	172.9
Oklahoma						
January 2017	5,012.7	-	5,012.7	61.7	-	61.7
December 2016	4,927.7	-	4,927.7	69.2	-	69.2
January 2016	5,011.7	-	5,011.7	67.4	-	67.4
South Dakota						
January 2017	911.5	-	911.5	29.1	-	29.1
December 2016	1,020.5	-	1,020.5	32.0	-	32.0
January 2016	867.3	-	867.3	33.8	-	33.8
Tennessee						
January 2017	7,846.6	-	7,846.6	196.0	-	196.0
December 2016	8,398.9	-	8,398.9	213.1	-	213.1
January 2016	7,516.4	-	7,516.4	194.2	-	194.2
Wisconsin						
January 2017	4,221.3	1,847.1	6,068.4	68.6	27.9	96.5
December 2016	4,654.1	2,028.0	6,682.2	77.1	31.0	108.2
January 2016	4,357.4	1,898.9	6,256.3	75.4	30.3	105.6
PAD District 3						
January 2017	41,471.1	13,844.6	55,315.6	705.7	306.1	1,011.8
December 2016	42,944.6	14,378.2	57,322.8	776.1	321.1	1,097.2
January 2016	39,963.1	13,838.4	53,801.5	625.9	284.5	910.5
Alabama						
January 2017	5,444.7	-	5,444.7	97.1	-	97.1
December 2016	5,723.1	-	5,723.1	106.4	-	106.4
January 2016	5,391.7	-	5,391.7	105.1	-	105.1
Arkansas						
January 2017	3,192.3	-	3,192.3	45.5	-	45.5
December 2016	3,594.3	-	3,594.3	54.0	-	54.0
January 2016	3,303.2	-	3,303.2	51.4	-	51.4
Louisiana						
January 2017	6,619.2	-	6,619.2	62.5	-	62.5
December 2016	6,728.1	-	6,728.1	73.7	-	73.7
January 2016	6,159.3	-	6,159.3	78.2	-	78.2
Mississippi						
January 2017	3,912.0	-	3,912.0	58.0	-	58.0
December 2016	4,384.8	-	4,384.8	66.1	-	66.1
January 2016	3,643.1	-	3,643.1	68.0	-	68.0
New Mexico						
January 2017	2,082.4	-	2,082.4	81.8	-	81.8
December 2016	2,205.5	-	2,205.5	89.4	-	89.4
January 2016	2,113.0	-	2,113.0	80.0	-	80.0
Texas						
January 2017	20,220.4	13,844.6	34,065.0	360.7	306.1	666.8
December 2016	20,308.8	14,378.2	34,687.1	386.6	321.1	707.7
January 2016	19,352.6	13,838.4	33,191.1	243.2	284.5	527.7

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	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 2 (cont.)						
Nebraska						
January 2017	186.5	-	186.5	1,878.4	-	1,878.4
December 2016	213.8	-	213.8	2,215.5	-	2,215.5
January 2016	197.5	-	197.5	1,901.3	-	1,901.3
North Dakota						
January 2017	89.1	-	89.1	987.1	-	987.1
December 2016	102.0	-	102.0	1,049.1	-	1,049.1
January 2016	80.2	-	80.2	963.1	-	963.1
Ohio						
January 2017	729.4	-	729.4	12,154.8	-	12,154.8
December 2016	788.7	-	788.7	12,899.4	-	12,899.4
January 2016	777.5	-	777.5	12,175.0	-	12,175.0
Oklahoma						
January 2017	394.7	-	394.7	5,469.2	-	5,469.2
December 2016	452.1	-	452.1	5,449.0	-	5,449.0
January 2016	421.6	-	421.6	5,500.7	-	5,500.7
South Dakota						
January 2017	82.8	-	82.8	1,023.4	-	1,023.4
December 2016	91.4	-	91.4	1,143.9	-	1,143.9
January 2016	83.5	-	83.5	984.6	-	984.6
Tennessee						
January 2017	760.6	-	760.6	8,803.2	-	8,803.2
December 2016	832.7	-	832.7	9,444.7	-	9,444.7
January 2016	749.1	-	749.1	8,459.7	-	8,459.7
Wisconsin						
January 2017	284.5	140.4	424.8	4,574.4	2,015.4	6,589.7
December 2016	328.1	157.9	486.0	5,059.4	2,216.9	7,276.3
January 2016	305.6	143.2	448.8	4,738.4	2,072.4	6,810.8
PAD District 3						
January 2017	3,394.6	1,974.3	5,368.9	45,571.3	16,125.0	61,696.3
December 2016	3,703.0	2,074.8	5,777.8	47,423.6	16,774.1	64,197.8
January 2016	3,508.2	2,044.6	5,552.8	44,097.1	16,167.6	60,264.8
Alabama						
January 2017	456.7	-	456.7	5,998.6	-	5,998.6
December 2016	488.4	-	488.4	6,317.8	-	6,317.8
January 2016	481.3	-	481.3	5,978.0	-	5,978.0
Arkansas						
January 2017	225.8	-	225.8	3,463.6	-	3,463.6
December 2016	260.4	-	260.4	3,908.7	-	3,908.7
January 2016	243.0	-	243.0	3,597.7	-	3,597.7
Louisiana						
January 2017	497.8	-	497.8	7,179.6	-	7,179.6
December 2016	555.0	-	555.0	7,356.7	-	7,356.7
January 2016	509.6	-	509.6	6,747.1	-	6,747.1
Mississippi						
January 2017	362.5	-	362.5	4,332.5	-	4,332.5
December 2016	358.2	-	358.2	4,809.1	-	4,809.1
January 2016	277.8	-	277.8	3,989.0	-	3,989.0
New Mexico						
January 2017	251.7	-	251.7	2,415.9	-	2,415.9
December 2016	276.2	-	276.2	2,571.1	-	2,571.1
January 2016	276.5	-	276.5	2,469.5	-	2,469.5
Texas						
January 2017	1,600.0	1,974.3	3,574.3	22,181.1	16,125.0	38,306.1
December 2016	1,764.8	2,074.8	3,839.6	22,460.1	16,774.1	39,234.3
January 2016	1,719.9	2,044.6	3,764.6	21,315.9	16,167.6	37,483.5

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						
January 2017	10,819.5	-	10,819.5	292.0	-	292.0
December 2016	11,474.4	-	11,474.4	319.5	-	319.5
January 2016	10,502.7	-	10,502.7	303.5	-	303.5
Colorado						
January 2017	4,665.5	-	4,665.5	129.6	-	129.6
December 2016	4,823.6	-	4,823.6	139.4	-	139.4
January 2016	4,430.6	-	4,430.6	143.1	-	143.1
Idaho						
January 2017	1,501.8	-	1,501.8	23.4	-	23.4
December 2016	1,631.1	-	1,631.1	24.8	-	24.8
January 2016	1,507.8	-	1,507.8	17.5	-	17.5
Montana						
January 2017	1,344.7	-	1,344.7	63.5	-	63.5
December 2016	1,459.5	-	1,459.5	71.9	-	71.9
January 2016	1,303.7	-	1,303.7	68.2	-	68.2
Utah						
January 2017	2,622.9	-	2,622.9	57.5	-	57.5
December 2016	2,833.0	-	2,833.0	62.4	-	62.4
January 2016	2,542.4	-	2,542.4	56.5	-	56.5
Wyoming						
January 2017	684.5	-	684.5	18.0	-	18.0
December 2016	727.1	-	727.1	21.0	-	21.0
January 2016	718.2	-	718.2	18.3	-	18.3
PAD District 5						
January 2017	15,289.8	32,597.4	47,887.1	352.3	1,020.4	1,372.7
December 2016	16,304.3	34,226.1	50,530.5	375.2	1,083.8	1,459.0
January 2016	15,616.5	32,632.6	48,249.1	346.5	1,055.5	1,402.0
Alaska						
January 2017	588.0	-	588.0	W	-	W
December 2016	620.6	-	620.6	W	-	W
January 2016	541.1	-	541.1	8.9	-	8.9
Arizona						
January 2017	W	W	6,740.5	W	W	140.5
December 2016	2,618.8	4,513.4	7,132.2	W	W	156.2
January 2016	W	W	6,554.1	59.5	92.7	152.3
California						
January 2017	-	28,342.0	28,342.0	-	W	932.7
December 2016	-	29,712.9	29,712.9	-	W	983.1
January 2016	-	28,551.4	28,551.4	-	962.8	962.8
Hawaii						
January 2017	927.0	-	927.0	W	-	W
December 2016	993.4	-	993.4	W	-	W
January 2016	951.3	-	951.3	64.7	-	64.7
Nevada						
January 2017	W	W	2,262.8	89.8	-	89.8
December 2016	2,421.0	-	2,421.0	92.4	-	92.4
January 2016	W	W	2,265.5	78.5	-	78.5
Oregon						
January 2017	3,286.9	-	3,286.9	28.0	-	28.0
December 2016	3,524.9	-	3,524.9	33.3	-	33.3
January 2016	3,583.6	-	3,583.6	33.7	-	33.7
Washington						
January 2017	5,740.0	-	5,740.0	95.0	-	95.0
December 2016	6,125.6	-	6,125.6	103.7	-	103.7
January 2016	5,802.1	-	5,802.1	101.1	-	101.1

See footnotes at end of table.

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

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 4						
January 2017	2,237.4	-	2,237.4	13,348.9	-	13,348.9
December 2016	2,393.2	-	2,393.2	14,187.1	-	14,187.1
January 2016	2,193.0	-	2,193.0	12,999.2	-	12,999.2
Colorado						
January 2017	920.4	-	920.4	5,715.6	-	5,715.6
December 2016	967.2	-	967.2	5,930.2	-	5,930.2
January 2016	918.4	-	918.4	5,492.0	-	5,492.0
Idaho						
January 2017	235.9	-	235.9	1,761.1	-	1,761.1
December 2016	259.9	-	259.9	1,915.8	-	1,915.8
January 2016	239.1	-	239.1	1,764.4	-	1,764.4
Montana						
January 2017	273.6	-	273.6	1,681.8	-	1,681.8
December 2016	295.7	-	295.7	1,827.2	-	1,827.2
January 2016	252.0	-	252.0	1,623.9	-	1,623.9
Utah						
January 2017	677.4	-	677.4	3,357.8	-	3,357.8
December 2016	729.8	-	729.8	3,625.3	-	3,625.3
January 2016	657.8	-	657.8	3,256.7	-	3,256.7
Wyoming						
January 2017	130.2	-	130.2	832.6	-	832.6
December 2016	140.5	-	140.5	888.6	-	888.6
January 2016	125.7	-	125.7	862.1	-	862.1
PAD District 5						
January 2017	2,652.6	8,557.3	11,209.9	18,294.8	42,175.1	60,469.8
December 2016	2,897.3	9,176.3	12,073.6	19,576.6	44,486.3	64,063.1
January 2016	2,724.4	8,218.7	10,943.1	18,687.4	41,906.8	60,594.3
Alaska						
January 2017	W	-	W	664.9	-	664.9
December 2016	W	-	W	708.5	-	708.5
January 2016	67.4	-	67.4	617.4	-	617.4
Arizona						
January 2017	W	W	897.8	W	W	7,778.7
December 2016	W	W	978.7	2,989.2	5,277.9	8,267.1
January 2016	319.3	578.8	898.1	W	W	7,604.4
California						
January 2017	-	W	7,950.5	-	37,225.1	37,225.1
December 2016	-	W	8,512.5	-	39,208.3	39,208.3
January 2016	-	7,639.9	7,639.9	-	37,154.1	37,154.1
Hawaii						
January 2017	W	-	W	1,254.2	-	1,254.2
December 2016	W	-	W	1,371.2	-	1,371.2
January 2016	257.1	-	257.1	1,273.1	-	1,273.1
Nevada						
January 2017	563.1	-	563.1	W	W	2,915.7
December 2016	596.6	-	596.6	3,110.0	-	3,110.0
January 2016	541.2	-	541.2	W	W	2,885.2
Oregon						
January 2017	413.7	-	413.7	3,728.6	-	3,728.6
December 2016	463.9	-	463.9	4,022.2	-	4,022.2
January 2016	465.9	-	465.9	4,083.3	-	4,083.3
Washington						
January 2017	1,067.4	-	1,067.4	6,902.4	-	6,902.4
December 2016	1,146.3	-	1,146.3	7,375.6	-	7,375.6
January 2016	1,073.5	-	1,073.5	6,976.7	-	6,976.7

- = 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							
January 2017	281.4	55,441.6	W	46,801.1	1,568.8	9,300.8	10,869.6
December 2016	427.1	58,370.6	199.1	45,753.1	1,525.1	9,685.7	11,210.9
January 2016	303.5	54,943.8	W	48,967.1	1,543.5	11,919.1	13,462.6
PAD District 1							
January 2017	100.6	13,857.7	W	11,446.0	446.4	3,565.4	4,011.7
December 2016	103.3	14,824.2	W	11,546.5	529.5	3,945.6	4,475.2
January 2016	102.2	14,017.2	W	11,247.2	523.6	4,359.4	4,882.9
Subdistrict 1A							
January 2017	8.1	1,407.7	W	2,760.6	W	W	W
December 2016	10.1	1,343.9	W	2,792.2	W	W	208.0
January 2016	9.8	1,213.8	W	2,566.8	W	W	100.7
Connecticut							
January 2017	1.0	188.2	-	277.2	W	-	W
December 2016	W	169.2	W	297.3	W	-	W
January 2016	1.2	149.6	W	216.9	-	-	-
Maine							
January 2017	1.5	96.6	W	656.8	W	W	27.0
December 2016	W	79.5	W	719.7	W	W	22.0
January 2016	W	65.8	W	599.6	W	W	19.0
Massachusetts							
January 2017	3.7	978.7	W	608.5	W	-	W
December 2016	6.4	944.8	W	572.7	W	W	153.6
January 2016	4.6	879.3	W	569.6	W	W	W
New Hampshire							
January 2017	W	54.0	W	720.5	W	W	W
December 2016	0.7	45.2	W	705.9	W	W	W
January 2016	W	30.7	W	644.7	W	W	W
Rhode Island							
January 2017	W	68.7	W	58.8	W	-	W
December 2016	W	77.5	W	59.3	W	-	W
January 2016	W	62.7	W	41.1	W	W	W
Vermont							
January 2017	W	21.5	W	438.9	W	-	W
December 2016	W	27.6	W	437.3	W	-	W
January 2016	W	25.7	W	495.0	W	-	W
Subdistrict 1B							
January 2017	15.4	7,418.1	W	4,273.3	W	W	2,215.6
December 2016	18.0	8,474.6	W	4,238.0	W	W	2,750.5
January 2016	16.2	7,558.3	W	4,127.2	W	W	3,016.8
Delaware							
January 2017	0.8	W	-	W	W	W	W
December 2016	W	W	-	W	W	W	W
January 2016	W	W	-	W	W	W	W
District of Columbia							
January 2017	-	W	-	W	-	-	-
December 2016	-	W	-	W	-	-	-
January 2016	-	W	-	W	-	-	-
Maryland							
January 2017	2.2	127.2	-	533.7	-	-	-
December 2016	W	138.2	-	481.3	-	W	W
January 2016	3.3	174.4	-	477.4	W	W	W
New Jersey							
January 2017	2.7	2,207.1	-	305.8	W	W	1,274.4
December 2016	4.0	2,764.6	-	317.1	19.3	1,521.7	1,541.0
January 2016	W	3,514.4	-	289.0	W	W	1,798.6
New York							
January 2017	4.7	3,355.9	W	1,603.6	W	W	675.2
December 2016	5.1	3,545.9	W	1,578.6	W	W	872.4
January 2016	4.9	3,143.1	W	1,657.9	W	W	843.6
Pennsylvania							
January 2017	4.9	1,719.2	-	1,588.6	W	W	W
December 2016	5.5	2,014.9	-	1,623.5	W	W	320.8
January 2016	4.7	718.0	-	1,526.8	W	W	350.4

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil		Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%	
Subdistrict 1C							
January 2017	77.1	5,031.9	-	4,412.1	-	W	W
December 2016	75.2	5,005.7	-	4,516.4	-	1,516.7	1,516.7
January 2016	76.2	5,245.1	-	4,553.2	-	1,765.4	1,765.4
Florida							
January 2017	52.2	3,190.4	-	607.0	-	1,132.8	1,132.8
December 2016	44.9	2,954.2	-	603.9	-	1,162.4	1,162.4
January 2016	46.1	3,661.5	-	564.7	-	1,202.3	1,202.3
Georgia							
January 2017	9.7	455.7	-	690.6	-	W	W
December 2016	10.6	520.0	-	778.0	-	93.5	93.5
January 2016	10.4	337.1	-	844.5	-	175.2	175.2
North Carolina							
January 2017	7.2	234.5	-	1,418.0	-	23.6	23.6
December 2016	8.4	272.9	-	1,402.3	-	12.5	12.5
January 2016	6.9	225.2	-	1,426.1	-	21.2	21.2
South Carolina							
January 2017	W	156.7	-	803.1	-	W	W
December 2016	5.6	185.2	-	812.7	-	W	W
January 2016	W	149.9	-	843.7	-	W	W
Virginia							
January 2017	4.1	977.7	-	741.5	-	W	W
December 2016	W	1,054.4	-	757.7	-	W	W
January 2016	7.7	856.4	-	720.9	-	W	W
West Virginia							
January 2017	W	16.9	-	151.7	-	-	-
December 2016	W	19.0	-	161.7	-	-	-
January 2016	W	15.0	-	153.3	-	-	-
PAD District 2							
January 2017	52.0	9,106.7	W	14,827.5	-	W	W
December 2016	59.1	9,782.9	W	15,051.8	W	90.9	W
January 2016	58.1	9,174.1	W	16,065.0	-	W	W
Illinois							
January 2017	3.4	2,745.9	-	1,216.4	-	-	-
December 2016	4.2	2,239.9	-	1,296.6	-	-	-
January 2016	6.5	2,432.7	-	1,739.2	-	-	-
Indiana							
January 2017	2.7	706.4	-	743.2	-	W	W
December 2016	4.1	914.5	-	800.4	-	W	W
January 2016	5.2	767.3	-	852.1	-	W	W
Iowa							
January 2017	3.3	84.1	-	1,358.3	-	-	-
December 2016	W	92.8	-	1,486.7	-	-	-
January 2016	1.0	84.7	-	1,705.6	-	-	-
Kansas							
January 2017	4.0	108.4	-	1,419.2	-	-	-
December 2016	5.0	134.6	-	1,422.3	-	-	-
January 2016	4.1	128.9	-	1,452.5	-	-	-
Kentucky							
January 2017	1.0	1,022.9	W	582.3	-	W	W
December 2016	2.7	1,504.0	W	560.2	-	W	W
January 2016	2.3	951.9	W	656.7	-	W	W
Michigan							
January 2017	4.1	396.1	-	1,318.4	-	W	W
December 2016	4.5	376.1	-	1,326.4	-	W	W
January 2016	4.0	290.5	-	1,422.8	-	W	W
Minnesota							
January 2017	5.1	318.1	-	1,588.1	-	W	W
December 2016	5.1	334.6	-	1,567.7	-	W	W
January 2016	5.5	515.4	-	1,460.8	-	W	W
Missouri							
January 2017	3.7	243.0	-	1,430.5	-	-	-
December 2016	5.7	285.5	-	1,450.8	-	-	-
January 2016	6.6	288.3	-	1,513.7	-	NA	NA

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							
January 2017	2.0	117.7	-	528.4	-	-	-
December 2016	3.2	130.7	-	524.0	-	-	-
January 2016	3.5	102.1	-	577.3	-	-	-
North Dakota							
January 2017	2.5	103.7	-	702.8	-	-	-
December 2016	W	98.9	-	654.4	-	-	-
January 2016	1.9	86.4	-	553.9	-	-	-
Ohio							
January 2017	6.4	982.0	-	1,125.0	-	-	-
December 2016	3.9	1,120.9	-	1,134.1	W	-	W
January 2016	2.0	1,215.8	-	1,175.8	-	-	-
Oklahoma							
January 2017	5.9	812.4	-	343.6	-	-	-
December 2016	4.2	846.1	-	374.5	-	-	-
January 2016	4.9	810.4	-	447.7	-	-	-
South Dakota							
January 2017	1.2	57.5	-	406.8	-	W	W
December 2016	2.5	40.6	-	397.1	-	W	W
January 2016	1.3	68.5	-	404.5	-	W	W
Tennessee							
January 2017	4.6	1,266.8	-	458.3	-	-	-
December 2016	4.5	1,496.5	-	449.9	-	W	W
January 2016	5.3	1,265.8	-	421.4	-	W	W
Wisconsin							
January 2017	1.9	141.6	-	1,605.9	-	W	W
December 2016	5.3	167.1	-	1,606.8	-	W	W
January 2016	4.0	165.4	-	1,681.1	-	W	W
PAD District 3							
January 2017	64.0	12,370.5	-	14,603.6	W	W	2,179.8
December 2016	57.5	13,400.9	-	13,906.8	185.3	2,217.1	2,402.5
January 2016	65.5	12,979.7	-	16,127.9	W	W	3,867.5
Alabama							
January 2017	6.2	289.6	-	382.9	-	W	W
December 2016	4.7	419.9	-	507.1	-	W	W
January 2016	4.9	282.0	-	496.0	W	33.5	W
Arkansas							
January 2017	4.2	114.7	-	322.0	-	-	-
December 2016	2.8	122.8	-	363.6	-	-	-
January 2016	4.9	92.2	-	377.5	-	-	-
Louisiana							
January 2017	6.2	2,771.1	-	1,321.6	-	487.3	487.3
December 2016	5.0	2,540.3	-	1,314.1	W	W	757.5
January 2016	5.4	3,021.4	-	2,691.7	-	698.1	698.1
Mississippi							
January 2017	W	1,837.1	-	361.0	-	W	W
December 2016	4.0	2,092.4	-	425.0	-	W	W
January 2016	3.9	1,889.9	-	462.2	-	W	W
New Mexico							
January 2017	W	103.6	-	240.1	-	-	-
December 2016	4.2	122.6	-	207.3	-	-	-
January 2016	4.2	97.8	-	299.4	-	-	-
Texas							
January 2017	42.3	7,254.4	-	11,976.0	W	W	1,577.8
December 2016	36.8	8,102.9	-	11,089.6	W	W	1,533.0
January 2016	42.1	7,596.5	-	11,801.2	W	W	2,989.7

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							
January 2017	11.1	1,720.5	W	1,810.5	W	-	W
December 2016	17.9	1,873.0	-	1,591.7	W	-	W
January 2016	19.7	1,624.1	W	1,743.3	W	-	W
Colorado							
January 2017	3.8	911.0	-	517.6	-	-	-
December 2016	6.4	945.2	-	516.7	-	-	-
January 2016	7.7	857.9	-	658.5	-	-	-
Idaho							
January 2017	W	74.6	-	246.6	-	-	-
December 2016	W	81.1	-	183.5	-	-	-
January 2016	2.5	72.5	-	202.6	-	-	-
Montana							
January 2017	W	96.9	-	460.8	-	-	-
December 2016	5.2	90.6	-	368.2	-	-	-
January 2016	3.7	79.3	-	319.5	-	-	-
Utah							
January 2017	2.6	589.1	W	187.9	W	-	W
December 2016	4.5	686.9	-	163.2	W	-	W
January 2016	4.7	572.5	W	163.7	-	-	-
Wyoming							
January 2017	W	48.8	-	397.6	W	-	W
December 2016	W	69.2	-	360.2	W	-	W
January 2016	1.0	41.9	-	399.1	W	-	W
PAD District 5							
January 2017	53.7	18,386.3	-	4,113.6	W	W	4,615.7
December 2016	189.3	18,489.6	-	3,656.4	796.4	3,432.1	4,228.5
January 2016	58.0	17,148.6	-	3,783.7	W	W	4,665.5
Alaska							
January 2017	W	1,709.5	-	W	-	-	-
December 2016	W	1,865.3	-	W	-	-	-
January 2016	W	1,680.8	-	W	-	-	-
Arizona							
January 2017	13.0	429.8	-	381.6	-	-	-
December 2016	13.6	445.2	-	369.9	-	-	-
January 2016	13.2	387.9	-	388.5	-	-	-
California							
January 2017	27.4	12,005.7	-	2,107.2	W	W	2,315.5
December 2016	157.7	11,891.2	-	1,919.9	W	W	2,164.8
January 2016	29.0	11,066.6	-	2,242.8	W	W	2,597.1
Hawaii							
January 2017	W	1,268.3	-	W	W	W	1,194.2
December 2016	W	1,296.9	-	W	W	W	W
January 2016	W	1,417.1	-	W	W	158.5	W
Nevada							
January 2017	2.1	622.6	-	219.1	-	-	-
December 2016	W	565.1	-	168.3	-	-	-
January 2016	W	559.8	-	157.2	-	-	-
Oregon							
January 2017	3.7	386.9	-	306.5	-	-	-
December 2016	6.3	421.2	-	237.1	-	-	-
January 2016	6.4	441.2	-	185.8	-	-	-
Washington							
January 2017	5.8	1,963.5	-	1,048.0	-	1,106.0	1,106.0
December 2016	6.2	2,004.9	-	911.3	-	W	W
January 2016	5.2	1,595.3	-	773.6	-	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								
January 2017	W	2,959.8	15,135.0	138,831.4	W	W	155,089.0	159,748.0
December 2016	1,573.9	3,589.4	14,894.0	141,929.9	W	W	157,920.2	163,282.5
January 2016	W	2,959.2	16,382.2	138,599.2	W	W	155,889.9	160,908.0
PAD District 1								
January 2017	670.5	W	14,235.0	36,250.8	-	152.0	50,637.8	51,638.5
December 2016	652.7	W	14,459.7	36,918.8	-	185.4	51,564.0	52,534.1
January 2016	807.6	W	15,962.5	36,143.1	-	159.1	52,264.6	53,491.1
Subdistrict 1A								
January 2017	181.4	W	7,004.1	W	-	W	10,087.0	10,344.0
December 2016	201.2	W	7,342.3	W	-	W	10,705.4	10,992.0
January 2016	220.1	W	7,661.4	W	-	W	10,991.8	11,299.4
Connecticut								
January 2017	W	W	1,729.6	598.3	-	-	2,327.9	2,347.8
December 2016	W	16.0	1,837.9	697.2	-	-	2,535.1	2,556.6
January 2016	4.4	W	1,898.7	860.5	-	-	2,759.3	2,782.9
Maine								
January 2017	123.5	W	1,296.3	607.2	-	-	1,903.5	2,031.4
December 2016	140.8	W	1,377.5	610.9	-	-	1,988.4	2,135.6
January 2016	148.4	W	1,378.2	W	-	W	1,961.8	2,119.3
Massachusetts								
January 2017	12.7	W	2,063.2	W	-	W	3,115.1	3,138.4
December 2016	13.2	W	2,066.6	W	-	W	3,235.4	3,258.8
January 2016	15.8	W	2,267.1	1,001.0	-	-	3,268.2	3,301.4
New Hampshire								
January 2017	25.3	W	893.3	304.1	-	-	1,197.4	1,236.6
December 2016	26.1	W	990.2	329.4	-	-	1,319.6	1,358.3
January 2016	32.0	W	950.6	372.2	-	-	1,322.7	1,366.4
Rhode Island								
January 2017	W	W	636.3	350.1	-	-	986.4	992.5
December 2016	W	W	686.2	370.5	-	-	1,056.7	1,068.5
January 2016	0.9	W	736.6	333.3	-	-	1,069.9	1,074.8
Vermont								
January 2017	13.9	W	385.5	171.3	-	-	556.8	597.3
December 2016	15.2	W	384.0	186.2	-	-	570.2	614.2
January 2016	18.6	W	430.2	179.8	-	-	609.9	654.7
Subdistrict 1B								
January 2017	339.6	W	7,003.0	12,032.5	-	113.8	19,149.1	19,712.1
December 2016	296.8	W	6,998.9	12,898.3	-	132.7	20,029.9	20,536.5
January 2016	359.0	W	8,122.0	12,607.9	-	125.1	20,855.0	21,469.6
Delaware								
January 2017	W	-	W	221.1	-	W	W	410.1
December 2016	W	-	W	245.2	-	W	W	338.6
January 2016	3.4	-	W	W	-	W	446.9	450.3
District of Columbia								
January 2017	-	-	W	W	-	-	51.0	51.0
December 2016	W	-	W	W	-	-	W	51.5
January 2016	W	-	W	W	-	-	W	48.9
Maryland								
January 2017	W	-	494.2	W	-	-	W	2,146.7
December 2016	23.6	-	416.8	W	-	W	1,983.8	2,007.5
January 2016	W	W	509.4	W	-	W	2,033.0	2,068.3
New Jersey								
January 2017	W	W	1,861.1	W	-	W	4,916.7	4,969.9
December 2016	W	W	1,861.1	W	-	W	5,246.5	5,358.5
January 2016	92.2	W	2,142.1	3,353.9	-	W	W	5,634.3
New York								
January 2017	107.3	W	2,883.9	W	-	W	6,045.8	6,375.7
December 2016	117.4	W	2,913.7	W	-	W	6,270.7	6,596.9
January 2016	176.7	W	3,472.3	W	-	W	6,495.5	6,926.7
Pennsylvania								
January 2017	W	W	1,639.0	W	-	W	5,674.4	5,758.7
December 2016	40.6	0.4	1,711.6	W	-	W	6,142.5	6,183.5
January 2016	51.4	0.8	1,870.0	W	-	W	6,289.0	6,341.2

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	No. 2 distillate							Total distillate and kerosene
	Kerosene	No. 1 distillate	No. 2 fuel oil	No. 2 diesel fuel			No. 2 distillate	
				Ultra-low sulfur	Low-sulfur	High-sulfur		
Subdistrict 1C								
January 2017	149.5	31.2	227.9	W	-	W	21,401.6	21,582.3
December 2016	154.6	22.3	118.5	W	-	W	20,828.6	21,005.6
January 2016	228.5	75.5	179.2	W	-	W	20,417.9	20,721.9
Florida								
January 2017	W	-	-	5,746.6	-	W	W	5,780.5
December 2016	W	W	-	W	-	W	5,862.6	5,863.9
January 2016	W	W	-	W	-	W	5,773.2	5,775.7
Georgia								
January 2017	W	W	-	W	-	W	4,426.8	4,430.5
December 2016	W	W	-	W	-	W	4,272.3	4,277.8
January 2016	W	W	-	W	-	W	4,390.4	4,398.3
North Carolina								
January 2017	W	W	W	W	-	-	3,583.1	3,649.4
December 2016	W	W	W	W	-	-	3,436.7	3,506.9
January 2016	W	W	34.7	3,332.2	-	-	3,367.0	3,471.8
South Carolina								
January 2017	16.8	-	W	W	-	-	2,795.5	2,812.4
December 2016	16.2	-	W	W	-	-	2,581.7	2,597.9
January 2016	30.6	-	-	W	-	W	2,494.1	2,524.7
Virginia								
January 2017	W	W	163.2	W	-	W	3,701.2	3,774.1
December 2016	W	W	80.7	W	-	W	3,675.3	3,748.8
January 2016	W	W	133.1	W	-	W	3,426.2	3,568.2
West Virginia								
January 2017	13.9	W	20.7	W	-	-	W	1,135.5
December 2016	W	W	11.3	988.7	-	-	1,000.1	1,010.2
January 2016	12.2	4.1	11.3	955.7	-	-	967.1	983.3
PAD District 2								
January 2017	W	1,829.5	55.8	42,602.1	-	-	42,657.8	44,760.0
December 2016	W	2,454.4	58.5	45,174.1	-	-	45,232.8	47,995.8
January 2016	280.8	W	83.3	42,615.3	W	W	42,707.1	44,809.8
Illinois								
January 2017	8.5	81.0	-	5,344.5	-	-	5,344.5	5,434.1
December 2016	13.6	112.5	-	5,431.2	-	-	5,431.2	5,557.3
January 2016	12.8	106.0	-	5,271.7	-	-	5,271.7	5,390.5
Indiana								
January 2017	W	W	-	4,080.2	-	-	4,080.2	4,129.3
December 2016	41.5	31.3	-	4,352.7	-	-	4,352.7	4,425.5
January 2016	39.5	44.4	W	W	-	-	3,909.5	3,993.4
Iowa								
January 2017	2.4	187.5	W	W	-	-	1,981.2	2,171.1
December 2016	3.0	327.4	W	W	-	-	2,244.7	2,575.1
January 2016	1.8	242.8	W	W	-	-	2,123.8	2,368.4
Kansas								
January 2017	W	W	-	2,984.2	-	-	2,984.2	3,122.4
December 2016	W	W	-	W	-	-	2,783.7	2,969.4
January 2016	W	W	-	2,346.5	-	-	2,346.5	2,483.7
Kentucky								
January 2017	W	W	W	W	-	-	2,476.0	2,519.8
December 2016	W	W	W	W	-	-	2,438.2	2,487.8
January 2016	W	W	W	W	-	-	2,370.7	2,427.4
Michigan								
January 2017	16.9	34.7	W	W	-	-	2,600.7	2,652.4
December 2016	22.3	35.5	W	W	-	-	2,944.1	3,002.0
January 2016	21.9	33.9	W	W	-	W	2,707.6	2,763.4
Minnesota								
January 2017	W	W	W	W	-	-	1,918.3	2,408.7
December 2016	W	W	W	W	-	-	2,155.7	2,695.9
January 2016	W	W	W	W	-	-	1,939.4	2,398.5
Missouri								
January 2017	2.0	22.7	W	W	-	-	3,241.5	3,266.2
December 2016	2.1	27.4	W	W	-	-	3,436.5	3,466.0
January 2016	1.5	21.3	W	W	-	-	3,081.2	3,104.0

See footnotes at end of table.

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

Geographic area month	No. 2 distillate							Total distillate and kerosene
	Kerosene	No. 1 distillate	No. 2 fuel oil	No. 2 diesel fuel			No. 2 distillate	
				Ultra-low sulfur	Low-sulfur	High-sulfur		
PAD District 2 (cont.)								
Nebraska								
January 2017	-	113.4	-	W	-	-	1,531.6	1,645.0
December 2016	-	213.0	W	W	-	-	1,643.8	1,856.8
January 2016	W	W	W	W	-	-	1,500.4	1,632.8
North Dakota								
January 2017	W	W	W	W	-	-	1,223.9	1,752.6
December 2016	W	W	W	W	-	-	1,280.7	1,906.3
January 2016	W	W	W	W	-	-	1,450.4	1,850.2
Ohio								
January 2017	W	W	W	W	-	-	5,340.4	5,389.3
December 2016	W	W	W	W	-	-	5,262.9	5,329.3
January 2016	W	W	3.7	W	W	-	5,254.9	5,336.6
Oklahoma								
January 2017	W	W	W	W	-	-	3,572.5	3,590.9
December 2016	W	W	W	W	-	-	4,761.7	4,781.3
January 2016	W	W	W	W	-	-	4,228.1	4,233.4
South Dakota								
January 2017	W	W	W	W	-	-	526.7	674.4
December 2016	0.7	219.6	W	W	-	-	534.7	755.0
January 2016	-	115.5	W	W	-	-	593.4	708.9
Tennessee								
January 2017	W	W	-	3,426.5	-	-	3,426.5	3,438.9
December 2016	W	W	-	3,366.0	-	-	3,366.0	3,379.5
January 2016	W	W	-	3,447.3	-	-	3,447.3	3,463.7
Wisconsin								
January 2017	16.7	138.5	W	W	-	-	2,409.5	2,564.8
December 2016	16.1	196.5	W	W	-	-	2,596.2	2,808.8
January 2016	6.6	166.4	W	W	-	-	2,482.1	2,655.1
PAD District 3								
January 2017	W	W	719.4	34,212.5	W	W	35,159.1	35,682.1
December 2016	W	W	274.0	32,722.6	W	W	33,265.1	33,856.6
January 2016	709.8	2.5	271.3	33,472.6	W	W	33,988.0	34,700.1
Alabama								
January 2017	W	-	-	2,691.9	-	W	W	2,726.6
December 2016	W	-	-	2,557.5	-	W	W	2,591.8
January 2016	W	-	-	2,710.8	-	W	W	2,758.1
Arkansas								
January 2017	W	W	W	W	-	-	1,846.5	1,847.2
December 2016	W	W	W	W	-	-	1,825.4	1,826.3
January 2016	W	W	W	W	-	-	1,729.8	1,731.2
Louisiana								
January 2017	W	W	W	5,270.9	-	W	5,412.8	5,900.5
December 2016	W	W	W	W	-	W	6,100.3	6,652.8
January 2016	W	-	W	5,136.5	-	W	W	5,949.5
Mississippi								
January 2017	W	-	W	W	-	W	W	1,793.1
December 2016	W	-	-	1,798.2	-	W	W	1,810.1
January 2016	W	-	W	W	-	W	W	1,916.0
New Mexico								
January 2017	W	W	-	1,806.0	-	-	1,806.0	1,806.3
December 2016	-	W	-	W	-	-	W	1,815.5
January 2016	W	W	-	1,679.7	-	-	1,679.7	1,681.3
Texas								
January 2017	W	W	575.7	20,848.1	W	W	21,604.3	21,608.5
December 2016	5.9	-	W	18,718.3	W	159.3	19,154.3	19,160.1
January 2016	3.9	-	169.5	20,335.1	W	W	20,660.1	20,664.1

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 4								
January 2017	W	473.5	W	W	-	-	7,922.2	8,396.0
December 2016	W	W	W	W	-	-	8,078.0	8,553.9
January 2016	W	341.2	W	W	-	-	7,930.6	8,272.1
Colorado								
January 2017	-	110.6	-	1,930.4	-	-	1,930.4	2,041.0
December 2016	-	118.4	-	1,959.6	-	-	1,959.6	2,078.0
January 2016	W	W	-	1,908.1	-	-	1,908.1	2,007.4
Idaho								
January 2017	W	W	W	W	-	-	1,318.1	1,363.5
December 2016	W	W	W	W	-	-	1,295.9	1,327.7
January 2016	W	W	W	W	-	-	1,369.9	1,388.3
Montana								
January 2017	-	126.1	W	W	-	-	1,508.0	1,634.1
December 2016	-	159.5	W	W	-	-	1,511.0	1,670.6
January 2016	-	87.0	W	W	-	-	1,335.9	1,422.9
Utah								
January 2017	W	W	-	1,789.9	-	-	1,789.9	1,857.1
December 2016	W	W	W	W	-	-	1,942.0	1,989.4
January 2016	W	49.9	W	W	-	-	1,894.8	1,945.0
Wyoming								
January 2017	-	124.5	-	W	-	-	1,375.8	1,500.3
December 2016	-	118.8	-	W	-	-	1,369.4	1,488.2
January 2016	-	86.6	-	W	-	-	1,421.9	1,508.5
PAD District 5								
January 2017	39.5	519.8	W	W	W	709.5	18,712.0	19,271.4
December 2016	37.5	524.1	W	W	W	603.2	19,780.4	20,342.0
January 2016	40.2	594.9	W	W	W	453.5	18,999.5	19,634.6
Alaska								
January 2017	-	W	W	W	-	W	W	718.9
December 2016	-	W	W	W	-	-	W	645.4
January 2016	-	W	W	W	-	W	W	786.0
Arizona								
January 2017	-	-	-	2,584.0	-	-	2,584.0	2,584.0
December 2016	-	-	-	2,554.3	-	-	2,554.3	2,554.3
January 2016	-	-	-	2,666.3	-	-	2,666.3	2,666.3
California								
January 2017	W	W	-	W	-	W	9,404.7	9,438.6
December 2016	W	W	-	W	-	W	10,383.5	10,431.1
January 2016	W	W	-	W	-	W	9,499.9	9,555.4
Hawaii								
January 2017	-	-	-	W	W	338.5	658.0	658.0
December 2016	-	-	-	292.0	W	W	654.3	654.3
January 2016	-	-	-	250.6	W	W	678.3	678.3
Nevada								
January 2017	W	W	W	W	-	-	1,187.7	1,197.1
December 2016	W	W	W	W	-	-	1,267.9	1,276.4
January 2016	W	W	W	W	-	-	1,157.7	1,179.5
Oregon								
January 2017	W	W	-	W	-	W	1,735.0	1,774.3
December 2016	W	W	-	W	-	W	1,893.2	1,930.3
January 2016	W	29.1	-	1,936.7	-	W	W	1,968.0
Washington								
January 2017	W	22.7	W	W	-	W	W	2,900.5
December 2016	W	18.7	W	W	-	W	W	2,850.4
January 2016	-	13.1	W	2,774.5	-	W	2,788.2	2,801.3

- = 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."