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

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Highlights

Crude oil

- August monthly average crude oil prices rose from July levels in all sales categories. The average domestic crude oil first purchase price increased \$1.86 (5.0%) to \$39.41 per barrel.
- The average free-on-board (f.o.b.) cost of imported crude oil rose \$1.07 (3.0%) to \$36.29 per barrel. The average landed cost of foreign crude oil increased \$1.56 (4.0%) to \$40.24 per barrel.
- The average refiner acquisition cost for domestic crude oil climbed \$2.26 (5.6%) to \$42.81 per barrel. The average cost of imported crude oil rose \$2.21 (5.6%) to \$41.54 per barrel. The composite refiner acquisition cost for crude oil increased \$2.27 (5.7%) to \$42.35 per barrel.

Petroleum products

Motor gasoline

- Refiner monthly average prices for motor gasoline sales show marginal changes in August. The average retail price rose 0.8 cents to \$1.814 per gallon, while the average wholesale price increased 0.9 cents to \$1.389 per gallon.
- Sales of finished motor gasoline by refiners rose in August. Total sales increased 2.8 million gallons per day (0.9%) to an average of 297.8 million gallons per day. Retail sales were flat, while wholesales accounted for the 2.8-million gallon increase (1.0%) seen in overall sales. DTW sales made up 6.7% of wholesales, while rack and bulk sales accounted for 90.5% and 2.7%, respectively.

No. 2 distillate

- Refiner prices for No. 2 distillates sales were on the rise during August. The average price for No. 2 diesel fuel sold to end users increased 2.5 cents to \$1.456 per gallon, while the average wholesale price rose 2.2 cents to \$1.276 cents per gallon. The average retail price for No. 2 fuel oil sales climbed 7.0 cents to \$1.464 per gallon, while the average wholesale price increased 2.7 cents to \$1.179 per gallon.
- Refiner sales of No. 2 ultra-low sulfur diesel fuel rose to 151.7 million gallons per day in August. Retail sales fell 100,000 gallons per day (1.1%), while wholesales increased 600,000 gallons per day (0.4%).

Residual fuel oil

- August prices for refiner residual fuel oil sales show mixed trends. The average retail price for residual fuel oil rose 15.3 cents to \$1.224 per gallon, while the average wholesale price fell 0.2 cent to \$1.135 per gallon.
- Refiner residual fuel oil sales dropped 300,000 gallons per day (4.7%) to 6.1 million gallons per day in August. Retail sales fell 300,000 gallons per day (15.0%), while wholesales were flat.

Other products

- Trends in refiner prices for the remaining surveyed products varied in August. Propane, kerosene, kerosene-type jet fuel prices rose at both retail and wholesale. Aviation gasoline prices increased at the retail level, but fell at wholesale. The price for No. 1 distillate remained unchanged at the wholesale level.
- Refiner sales for products in this category show mixed trends in August. Sales of propane, kerosene, and kerosene-type jet fuel increased at the retail level, but fell at the wholesale. Aviation gasoline sales rose in both sales categories, while No. 1 distillate sales increased 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					
	August 2020		July 2020		August 2019		August 2020		July 2020		August 2019	
	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume
Motor gasoline	1.814	20.6	1.806	20.6	2.252	25.9	1.389	277.2	1.380	274.4	1.820	314.8
Conventional	1.653	13.0	1.664	13.1	2.086	16.2	1.329	192.4	1.324	192.3	1.755	213.4
Regular	1.589	11.3	1.601	11.4	2.034	14.2	1.287	168.9	1.281	168.7	1.712	189.8
Midgrade	1.893	0.7	1.904	0.7	2.308	0.8	1.504	1.2	1.500	1.3	1.940	1.4
Premium	2.193	1.0	2.207	1.0	2.580	1.1	1.637	22.3	1.635	22.3	2.107	22.2
Reformulated	2.089	7.6	2.056	7.5	2.529	9.7	1.523	84.7	1.511	82.1	1.956	101.4
Regular	1.962	5.5	1.934	5.4	2.421	7.2	1.463	69.0	1.452	66.9	1.896	84.4
Midgrade	2.295	0.8	2.254	0.8	2.732	0.9	1.662	0.4	1.617	0.4	2.096	0.6
Premium	2.472	1.4	2.429	1.3	2.895	1.6	1.792	15.3	1.777	14.8	2.261	16.4
Aviation gasoline	2.805	0.0	2.761	0.0	W	W	2.219	0.4	2.253	0.4	2.854	0.5
Kerosene-type jet fuel	1.188	21.1	1.175	20.2	1.901	31.9	1.162	17.8	1.144	18.0	1.864	44.8
Propane (consumer grade)	0.541	2.4	0.518	2.2	0.461	2.5	0.536	17.9	0.507	19.0	0.458	27.0
Kerosene	3.163	0.0	3.059	0.0	W	W	1.250	0.8	1.172	1.1	1.861	0.8
No. 1 distillate	W	W	1.483	0.1	2.282	0.0	1.526	0.2	1.526	0.2	2.201	0.2
No. 2 distillate	1.456	9.4	1.431	9.6	2.038	12.8	1.273	147.7	1.251	147.2	1.862	173.0
No. 2 fuel oil	1.464	0.1	1.394	0.1	2.155	0.1	1.179	3.4	1.152	3.9	1.795	7.2
No. 2 diesel fuel	1.456	9.3	1.431	9.4	2.037	12.8	1.276	144.3	1.254	143.4	1.865	165.8
Ultra low sulfur	1.463	8.9	1.437	9.0	2.041	12.3	1.277	142.8	1.254	142.2	1.865	164.1
Low sulfur	W	W	W	W	W	W	W	W	-	-	W	W
High sulfur	W	W	W	W	W	W	W	W	1.186	1.2	W	W
No. 4 fuel[a]	-	-	-	-	-	-	W	W	W	W	W	W
Residential fuel oil	1.224	1.7	1.071	2.0	1.466	2.6	1.135	4.4	1.137	4.4	1.247	8.4
Sulfur content not > 1%	W	W	W	W	W	W	1.189	2.4	1.153	3.3	1.331	1.0
Sulfur content > 1%	1.026	W	0.981	W	1.345	W	1.068	1.9	1.089	1.1	1.235	7.3

NA = Not available.

- = No data reported.

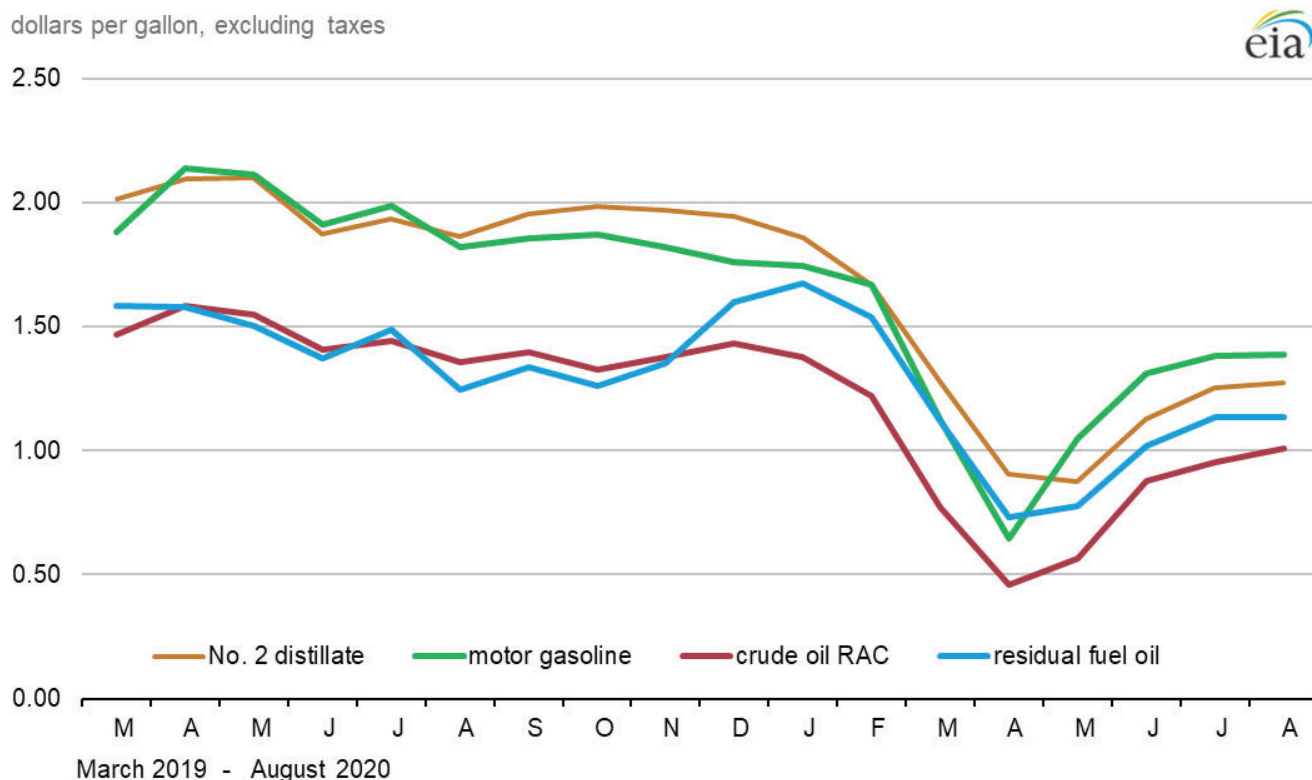
W = Withheld to avoid disclosure of individual company data.

[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 2019 are final. Total volumes may not equal the sum of the components because of rounding.

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

Figure HL1. Crude oil and petroleum product wholesale prices



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

Note: RAC stands for refiner acquisition cost.

Summary Statistics

Table 1. Crude oil prices

dollars per barrel

Year month	Domestic first purchase prices	Average F.O.B.[a] cost of crude oil imports[b]	Average landed cost of crude oil imports[b]	Refiner acquisition cost of crude oil		
				Domestic	Imported	Composite
1997 average	17.23	16.94	18.11	19.61	18.53	19.04
1998 average	10.87	10.76	11.84	13.18	12.04	12.52
1999 average	15.56	16.47	17.23	17.90	17.26	17.51
2000 average	26.72	26.27	27.53	29.11	27.70	28.26
2001 average	21.84	20.46	21.82	24.33	22.00	22.95
2002 average	22.51	22.63	23.91	24.65	23.71	24.10
2003 average	27.56	25.86	27.69	29.82	27.71	28.53
2004 average	36.77	33.75	36.07	38.97	35.90	36.98
2005 average	50.28	47.60	49.29	52.94	48.86	50.24
2006 average	59.69	57.03	59.11	62.62	59.02	60.24
2007 average	66.52	66.36	67.97	69.65	67.04	67.94
2008 average	94.04	90.32	93.33	98.47	92.77	94.74
2009 average	56.35	57.78	60.23	59.49	59.17	59.29
2010 average	74.71	74.19	76.50	78.01	75.86	76.69
2011 average	95.73	101.66	102.92	100.71	102.63	101.87
2012 average	94.52	99.78	101.00	100.72	101.09	100.93
2013 average	95.99	96.56	96.99	102.91	98.11	100.49
2014 average	87.39	85.65	88.16	94.05	89.56	92.02
2015 average	44.39	41.91	45.38	49.94	46.38	48.39
2016 average	38.29	36.37	38.56	42.41	38.75	40.66
2017 average	48.05	45.58	48.50	52.05	49.12	50.68
2018						
January	62.25	55.73	58.25	66.08	59.71	63.25
February	61.18	53.42	56.76	64.68	58.03	61.74
March	60.68	53.35	56.32	64.03	56.82	60.81
April	63.50	58.56	60.62	67.14	61.24	64.41
May	66.16	62.95	65.15	71.29	65.89	68.91
June	62.80	63.09	65.48	69.63	66.82	68.35
July	67.00	62.35	65.44	73.33	66.62	70.29
August	62.64	61.41	64.16	69.45	65.48	67.68
September	63.54	61.56	63.69	71.09	66.70	69.29
October	65.18	60.23	61.78	73.07	67.79	70.99
November	55.65	44.66	47.16	62.47	54.40	59.01
December	47.63	36.91	39.14	53.25	42.80	48.83
2018 average	61.40	56.31	58.89	67.05	60.95	64.38
2019						
January	48.00	48.70	49.25	54.06	49.71	52.29
February	52.60	54.23	56.17	58.24	56.66	57.62
March	57.46	57.54	59.48	61.97	61.14	61.64
April	63.00	61.31	63.62	67.21	65.42	66.51
May	59.73	60.74	63.70	65.17	65.03	65.11
June	54.34	54.56	57.43	59.81	58.16	59.16
July	56.47	54.51	57.00	61.47	59.18	60.53
August	53.63	51.98	54.91	57.88	55.41	56.90
September	55.14	52.68	55.06	59.41	57.31	58.60
October	53.14	50.40	53.74	56.69	54.44	55.85
November	54.96	51.87	54.48	59.42	55.27	57.88
December	58.41	51.57	53.92	62.23	56.85	60.27
2019 average	55.59	54.27	56.60	60.31	57.94	59.38
2020						
January	56.86	46.98	51.03	60.36	53.96	57.94
February	50.03	41.65	44.57	53.98	47.42	51.37
March	31.80	24.10	26.77	34.98	28.50	32.55
April	15.99	13.91	17.18	21.25	16.74	19.41
May	18.09	19.28	22.73	24.97	22.56	23.84
June	33.53	R32.41	R36.05	37.25	36.14	36.80
July	37.55	R35.22	R38.68	40.55	R39.33	R40.07
August	39.41	36.29	40.24	R42.81	R41.54	R42.34
September[c]	NA	NA	NA	E41.27	E38.89	E40.24

NA = Not available.

E = Estimated data.

R = Revised data.

[a] Free on Board. See Glossary.

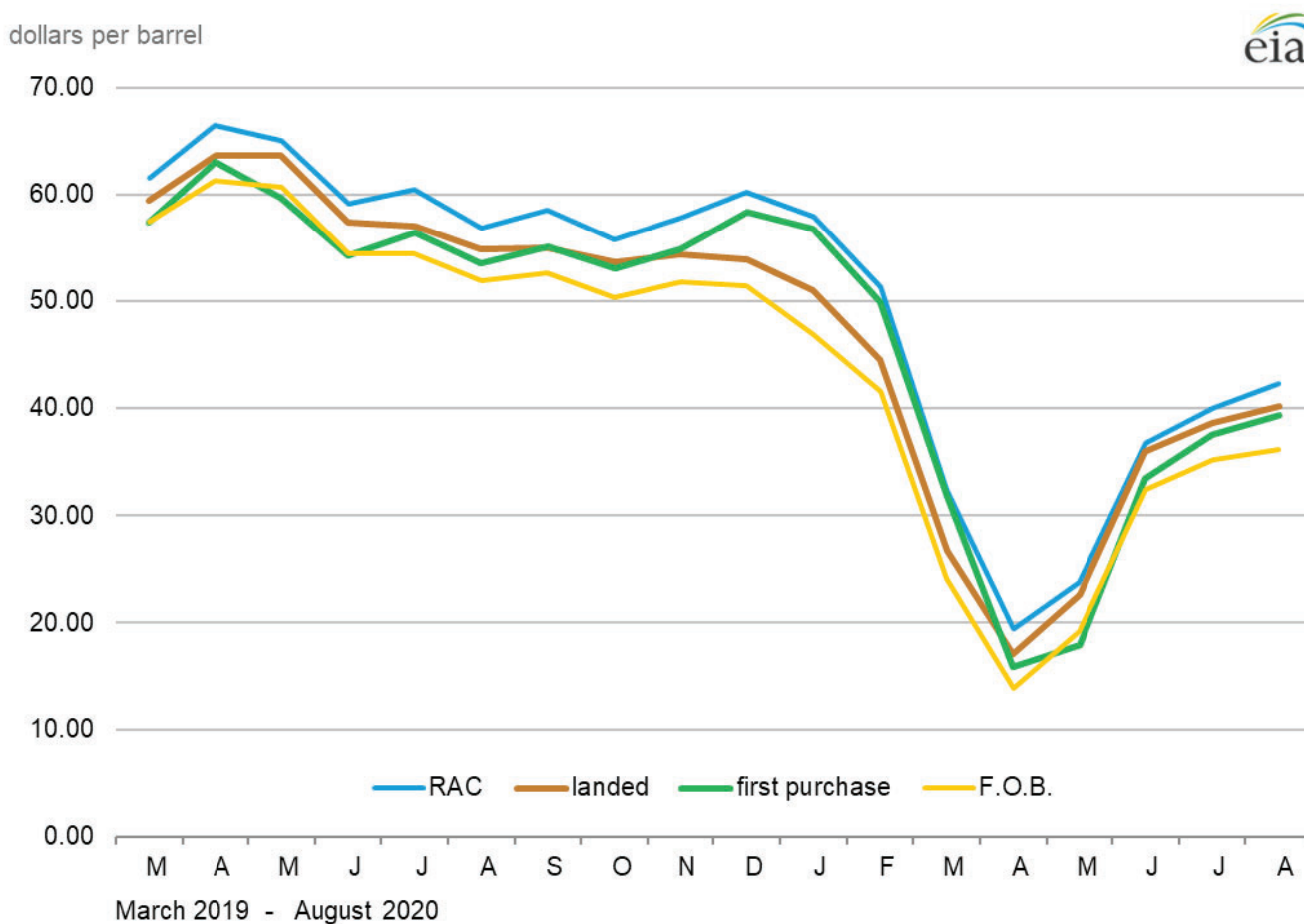
[b] Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section.

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

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values for Domestic First Purchase Price and Refiner Acquisition Cost for the current two months, and for average F.O.B. and average landed costs, for the current three months are preliminary. Values shown for previous months may be revised. Data through 2019 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	United States			PAD District 1			PAD District 2		
	Domestic	Imported	Composite	Domestic	Imported	Composite	Domestic	Imported	Composite
2004	38.97	35.90	36.98	40.75	38.29	38.34	40.80	35.63	38.38
2005	52.94	48.86	50.24	56.89	53.29	53.35	54.57	46.11	50.75
2006	62.62	59.02	60.24	66.92	63.53	63.60	63.66	55.19	59.70
2007	69.65	67.04	67.94	70.62	72.48	72.44	71.10	62.17	66.90
2008	98.47	92.77	94.74	100.30	96.90	96.97	100.98	88.45	94.93
2009	59.49	59.17	59.29	59.64	61.68	61.63	60.00	57.00	58.64
2010	78.01	75.86	76.69	75.90	80.03	79.91	78.85	72.24	75.92
2011	100.71	102.63	101.87	98.88	111.53	111.01	96.81	89.15	93.18
2012	100.72	101.09	100.93	104.45	112.27	111.50	95.04	83.90	89.44
2013	102.91	98.11	100.49	106.98	106.74	106.80	100.63	85.43	93.26
2014	94.05	89.56	92.02	96.95	96.51	96.70	93.08	81.66	87.51
2015	49.94	46.38	48.39	52.60	50.40	51.37	49.33	42.70	46.13
2016	42.41	38.75	40.66	44.58	42.54	43.00	43.76	36.19	39.95
2017	52.05	49.12	50.68	56.98	53.46	53.87	52.03	45.21	48.63
2018									
January	66.08	59.71	63.25	66.24	65.97	66.01	65.21	51.67	58.61
February	64.68	58.03	61.74	66.09	64.96	65.16	63.69	48.42	56.43
March	64.03	56.82	60.81	66.71	65.31	65.63	64.24	47.11	56.27
April	67.14	61.24	64.41	69.95	70.27	70.21	67.21	50.98	59.12
May	71.29	65.89	68.91	71.37	72.17	72.00	71.04	58.27	64.64
June	69.63	66.82	68.35	71.35	72.91	72.62	68.42	59.23	64.08
July	73.33	66.62	70.29	72.72	71.71	71.90	73.40	60.98	67.41
August	69.45	65.48	67.68	72.07	72.03	72.04	69.20	58.09	64.13
September	71.09	66.70	69.29	73.74	75.40	74.83	70.14	54.36	63.22
October	73.07	67.79	70.99	75.33	75.36	75.35	71.74	52.76	63.58
November	62.47	54.40	59.01	69.43	69.13	69.18	57.01	38.34	47.16
December	53.25	42.80	48.83	60.15	61.46	61.18	47.52	19.78	33.41
2018	67.05	60.95	64.38	69.71	69.63	69.64	65.69	49.35	57.85
2019									
January	54.06	49.71	52.29	59.24	59.65	59.58	50.99	38.59	44.74
February	58.24	56.66	57.62	62.66	65.08	64.48	54.82	49.79	52.32
March	61.97	61.14	61.64	66.20	69.27	68.49	60.10	54.19	56.89
April	67.21	65.42	66.51	70.56	69.84	70.01	65.73	59.64	62.81
May	65.17	65.03	65.11	67.35	70.86	70.05	61.64	59.17	60.38
June	59.81	58.16	59.16	63.72	65.04	64.77	55.27	50.30	52.75
July	61.47	59.18	60.53	65.28	65.31	65.31	59.51	51.52	55.64
August	57.88	55.41	56.90	61.99	61.37	61.54	55.69	50.09	52.79
September	59.41	57.31	58.60	63.46	63.28	63.33	58.61	51.90	55.55
October	56.69	54.44	55.85	59.84	62.05	61.29	54.61	48.65	51.73
November	59.42	55.27	57.88	62.94	63.77	63.50	58.64	48.99	54.16
December	62.23	56.85	60.27	64.86	67.26	66.39	61.81	48.46	55.41
2019	60.31	57.94	59.38	64.02	65.37	65.02	58.17	50.92	54.59
2020									
January	60.36	53.96	57.94	63.24	64.08	63.77	58.84	46.25	52.47
February	53.98	47.42	51.37	57.27	57.28	57.28	50.62	38.33	43.95
March	34.98	28.50	32.55	35.93	37.10	36.60	30.55	21.65	25.64
April	21.25	16.74	19.41	27.42	26.07	26.65	19.28	13.19	15.71
May	24.97	22.56	23.84	36.45	30.34	32.24	25.07	17.46	21.15
June	37.25	36.14	36.80	42.97	37.34	39.27	38.11	35.22	36.74
July	40.55	R39.33	R40.07	R45.44	43.76	R44.18	R41.15	37.50	39.42
August	R42.81	R41.54	R42.34	45.90	45.37	45.51	42.69	39.36	41.07

See footnotes at end of table.

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

dollars per barrel

Year month	PAD District 3			PAD District 4			PAD District 5		
	Domestic	Imported	Composite	Domestic	Imported	Composite	Domestic	Imported	Composite
2004	39.28	34.79	35.87	39.98	35.93	37.81	36.81	38.20	37.30
2005	53.17	47.77	48.99	53.50	48.54	50.89	50.61	50.77	50.67
2006	63.17	58.34	59.54	60.80	56.17	58.45	60.90	61.44	61.15
2007	70.58	66.34	67.48	65.79	60.81	63.43	67.47	69.42	68.34
2008	100.39	91.86	94.11	91.49	88.56	90.12	94.53	96.30	95.35
2009	60.61	59.21	59.64	56.30	56.53	56.39	57.79	60.07	58.78
2010	78.73	75.67	76.65	73.56	70.77	72.37	76.56	78.23	77.34
2011	103.24	104.78	104.24	89.34	84.87	87.61	103.83	105.68	104.73
2012	104.32	105.18	104.83	86.83	80.80	84.63	103.03	106.43	104.69
2013	104.64	101.42	103.02	88.96	80.75	85.21	103.82	105.12	104.40
2014	94.67	90.84	93.06	84.63	78.73	81.93	94.45	96.13	95.22
2015	50.16	46.49	48.75	44.77	39.73	42.28	50.30	50.91	50.59
2016	41.97	38.22	40.42	41.48	34.49	38.11	42.10	42.21	42.16
2017	51.74	49.12	50.73	50.43	43.05	47.19	53.44	52.77	53.08
2018									
January	65.99	61.79	64.45	63.61	47.53	56.04	68.59	66.20	67.46
February	64.83	60.66	63.32	60.99	43.15	53.36	66.70	64.52	65.59
March	63.43	58.65	61.64	61.80	42.31	53.23	66.74	64.38	65.42
April	66.59	63.43	65.39	64.52	45.53	56.14	69.83	67.99	68.89
May	70.66	67.10	69.43	68.37	54.97	63.01	75.61	73.53	74.52
June	69.28	67.69	68.68	65.51	56.58	61.50	74.61	73.54	74.02
July	73.45	67.85	71.35	68.41	57.79	63.60	74.24	70.45	72.15
August	68.89	65.76	67.77	66.53	56.09	61.96	73.81	72.11	72.81
September	70.43	70.22	70.36	69.26	47.21	59.67	76.05	74.91	75.47
October	72.85	72.38	72.71	67.91	52.13	59.81	77.82	76.85	77.31
November	63.26	60.90	62.54	52.37	34.08	42.36	69.68	66.88	68.31
December	54.32	51.89	53.60	44.09	22.24	33.15	58.83	56.42	57.58
2018	66.94	64.10	65.95	62.87	45.87	55.01	70.82	68.91	69.81
2019									
January	54.23	52.79	53.85	48.67	37.65	43.36	59.17	58.22	58.67
February	58.32	58.13	58.27	53.64	49.23	51.74	64.13	62.21	63.17
March	61.62	62.29	61.79	56.86	53.58	55.48	67.20	67.86	67.52
April	67.32	66.85	67.19	59.92	58.45	59.24	71.38	71.52	71.45
May	65.72	65.84	65.76	59.64	58.17	58.94	69.40	70.73	70.08
June	60.74	61.60	60.95	52.89	49.11	51.00	63.97	63.82	63.90
July	61.75	61.43	61.66	55.97	50.68	53.44	64.82	65.00	64.92
August	58.10	55.29	57.40	53.46	48.89	51.36	61.30	62.22	61.83
September	59.33	58.20	59.04	54.02	50.15	52.25	62.45	63.07	62.78
October	56.84	54.38	56.28	50.42	45.65	48.39	60.67	60.78	60.73
November	59.10	54.89	58.11	53.80	48.00	51.00	63.43	62.62	63.00
December	61.90	58.75	61.18	56.04	45.99	50.94	66.13	65.41	65.75
2019	60.44	59.49	60.19	54.65	49.53	52.26	64.45	64.24	64.34
2020									
January	60.28	55.09	58.98	52.65	44.72	48.44	64.71	64.37	64.55
February	54.68	50.56	53.63	50.06	37.62	43.01	55.80	56.88	56.39
March	35.96	30.62	34.73	34.39	20.63	27.31	36.05	36.02	36.04
April	21.07	15.84	19.46	21.00	11.01	16.10	23.00	24.54	23.68
May	23.13	23.44	23.26	25.68	13.89	17.68	30.20	31.65	30.82
June	36.58	36.30	36.49	38.04	35.35	36.27	37.69	37.79	37.73
July	R40.05	R39.73	R39.96	40.55	34.81	36.99	R41.35	R42.74	R41.97
August	42.70	42.10	42.55	41.35	38.95	40.27	43.68	44.34	43.98

R = Revised data.

Notes: United States 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 2019 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]
1994	0.738	0.957	0.534	0.530	0.660	0.640	0.554	0.572	0.556	0.501	0.352
1995	0.765	1.005	0.540	0.492	0.589	0.620	0.560	0.562	0.560	0.505	0.392
1996	0.847	1.116	0.651	0.605	0.740	0.726	0.681	0.673	0.680	0.603	0.455
1997	0.839	1.128	0.613	0.552	0.745	0.689	0.642	0.636	0.642	0.565	0.423
1998	0.673	0.975	0.452	0.405	0.501	0.551	0.494	0.482	0.492	0.428	0.305
1999	0.781	1.059	0.543	0.458	0.605	0.621	0.584	0.558	0.580	0.474	0.374
2000	1.106	1.306	0.899	0.603	1.123	0.988	0.935	0.927	0.934	0.769	0.602
2001	1.032	1.323	0.775	0.506	1.045	0.902	0.842	0.829	0.840	0.679	0.531
2002	0.947	1.288	0.721	0.419	0.990	0.828	0.762	0.737	0.759	0.657	0.569
2003	1.156	1.493	0.872	0.577	1.224	1.017	0.944	0.933	0.942	0.856	0.698
2004	1.435	1.819	1.207	0.839	1.160	1.262	1.243	1.173	1.235	1.017	0.739
2005	1.829	2.231	1.735	1.089	1.957	1.832	1.786	1.705	1.777	W	1.048
2006	2.128	2.682	1.998	1.358	2.244	2.137	2.096	1.982	2.091	W	1.218
2007	2.345	2.849	2.165	1.489	2.263	2.286	2.267	2.241	2.266	W	1.374
2008	2.775	3.273	3.052	1.892	3.283	2.983	3.150	2.986	3.143	W	1.964
2009	1.888	2.442	1.704	1.220	2.675	2.141	1.834	1.962	1.840	W	1.341
2010	2.301	3.028	2.201	1.481	3.063	2.705	2.314	2.462	2.318	W	1.713
2011	3.050	3.803	3.054	1.709	3.616	3.467	3.117	3.193	3.119	W	2.401
2012	3.154	3.971	3.104	1.139	3.843	3.580	3.202	3.358	3.206	W	2.592
2013	3.049	3.932	2.979	1.028	3.842	3.483	3.122	3.335	3.126	W	2.482
2014	2.855	3.986	2.772	1.097	W	3.117	2.923	3.329	2.924	W	2.325
2015	2.003	W	1.629	0.481	W	1.822	1.819	2.016	1.821	W	1.285
2016	1.730	W	1.319	0.498	W	1.702	1.511	1.716	1.512	W	0.945
2017	1.976	W	1.629	0.772	W	2.230	1.811	2.010	1.813	W	1.287
2018											
January	2.108	W	2.012	0.971	W	2.506	2.144	2.206	2.145	-	1.507
February	2.127	W	1.970	0.948	W	2.510	2.107	2.365	2.110	-	1.490
March	2.160	W	1.924	0.842	W	2.566	2.076	2.484	2.078	-	1.452
April	2.315	W	2.080	0.839	W	W	2.201	2.486	2.202	-	1.504
May	2.494	W	2.221	0.916	3.219	W	2.368	2.478	2.368	-	1.667
June	2.469	W	2.196	0.883	3.292	W	2.340	2.413	2.341	-	1.731
July	2.442	W	2.176	0.956	W	W	2.316	2.436	2.316	-	1.767
August	2.421	W	2.183	0.989	3.272	W	2.327	2.499	2.327	-	1.764
September	2.428	W	2.257	1.062	3.189	W	2.388	2.612	2.388	-	1.761
October	2.441	W	2.349	0.988	W	2.850	2.500	2.696	2.501	-	1.875
November	2.205	W	2.162	0.876	W	2.719	2.282	2.431	2.284	-	1.827
December	1.973	W	1.852	0.794	W	2.397	1.981	2.222	1.983	-	1.608
2018	2.303	W	2.119	0.925	3.113	2.600	2.256	2.380	2.257	-	1.662
2019											
January	1.854	W	1.827	0.756	W	2.323	1.960	2.195	1.962	-	1.425
February	1.949	W	1.956	0.784	W	2.401	2.080	2.367	2.082	-	1.568
March	2.137	W	2.005	0.761	W	2.503	2.158	2.376	2.159	-	1.639
April	2.487	W	2.063	0.686	W	2.563	2.259	2.461	2.260	-	1.685
May	2.520	W	2.141	0.599	W	NA	2.272	2.389	2.272	-	1.635
June	2.366	W	1.907	0.464	3.312	2.209	2.078	2.156	2.079	-	1.601
July	2.375	W	1.973	0.487	3.260	2.352	2.100	2.206	2.101	-	1.625
August	2.252	W	1.901	0.461	W	2.282	2.037	2.155	2.038	-	1.466
September	2.242	W	1.937	0.473	3.203	2.348	2.101	2.200	2.102	-	1.560
October	2.289	W	1.965	0.516	W	2.527	2.134	2.174	2.134	-	1.543
November	2.229	W	1.979	0.635	W	2.641	2.126	2.321	2.128	-	1.594
December	2.182	W	1.979	0.601	W	2.501	2.072	2.361	2.075	-	1.745
2019	2.245	W	1.970	0.603	W	2.449	2.114	2.269	2.115	-	1.584
2020											
January	2.150	W	1.958	0.502	W	2.473	2.002	2.328	2.006	-	1.939
February	2.060	W	1.667	0.469	W	2.305	1.835	2.113	1.838	-	1.735
March	1.862	W	1.257	0.378	W	2.080	1.486	1.813	1.489	-	1.371
April	1.490	W	0.740	0.368	W	1.551	1.137	1.220	1.138	-	0.976
May	1.598	W	0.728	0.421	W	1.305	1.130	1.162	1.130	-	0.817
June	1.768	W	1.046	0.515	3.321	1.483	1.354	1.338	1.354	-	0.949
July	1.806	R2.761	R1.175	0.518	3.059	1.483	1.431	1.394	1.431	-	1.071
August	1.814	2.805	1.188	0.541	3.163	W	1.456	1.464	1.456	-	1.224

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

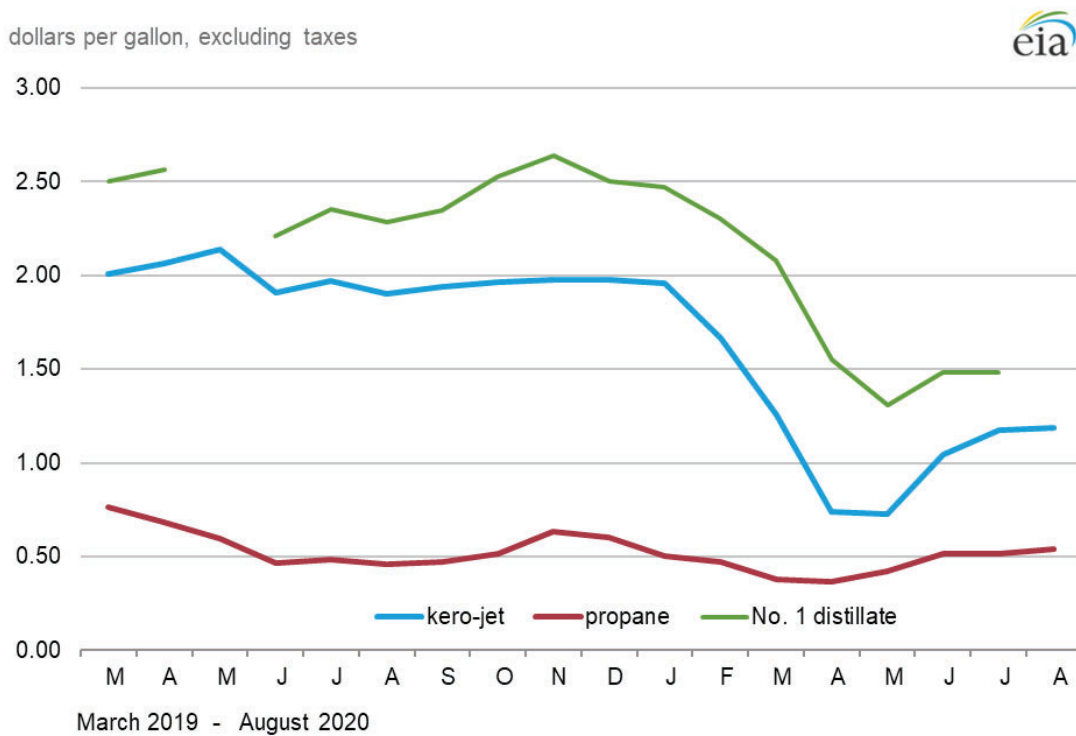
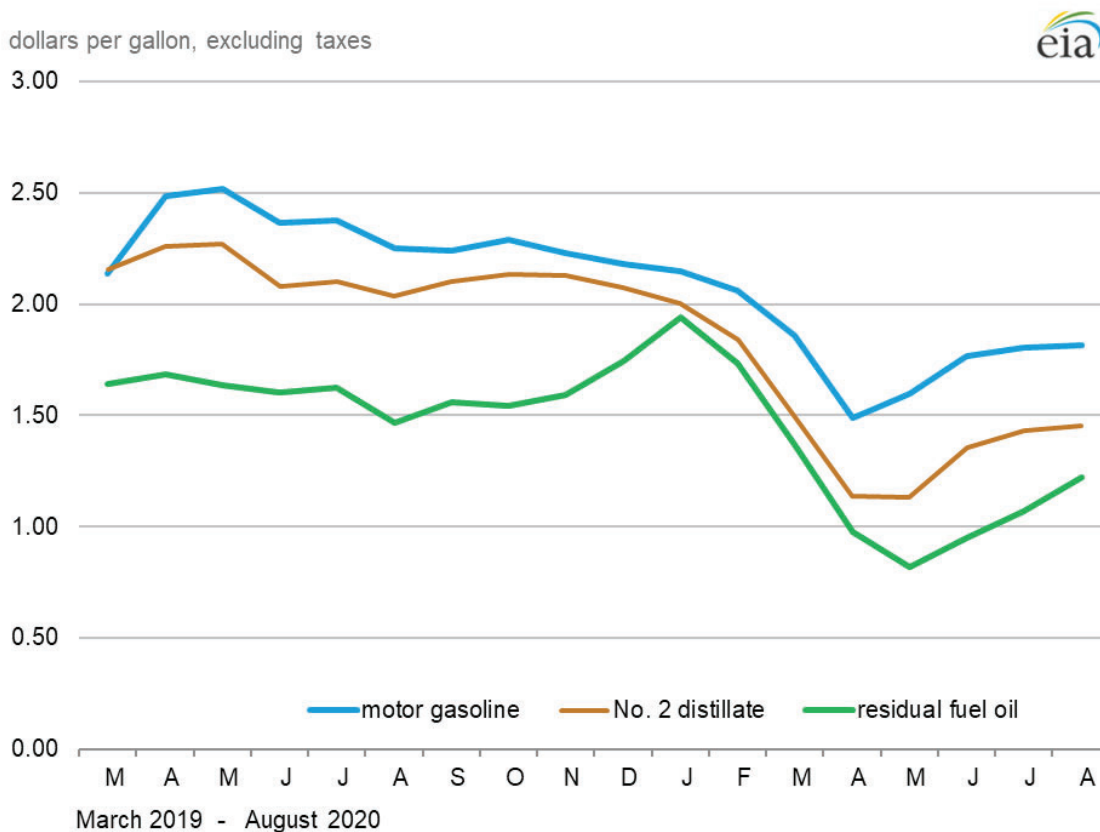
R = Revised data.

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

Notes: Motor gasoline averages and totals before October 1993 include leaded gasoline. Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2019 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]
1994	55.0	0.2	45.2	2.2	0.4	0.4	21.3	3.4	24.6	0.8	13.5
1995	55.9	0.2	45.7	3.2	0.6	0.3	21.6	3.3	24.9	0.5	11.6
1996	57.5	0.2	48.7	3.1	0.4	0.3	21.9	3.1	25.0	0.4	12.9
1997	61.1	0.2	49.7	3.2	0.3	0.4	22.0	3.0	25.0	0.3	13.4
1998	63.3	0.2	48.9	3.1	0.4	0.4	21.1	3.2	24.3	0.3	14.4
1999	62.0	0.1	47.0	3.6	0.2	0.3	21.1	3.0	24.1	0.3	13.9
2000	60.9	0.2	49.3	2.9	0.2	0.3	22.6	2.8	25.4	0.3	13.1
2001	62.0	0.1	49.7	3.6	0.2	0.3	22.9	3.0	26.0	0.4	14.8
2002	63.6	0.1	49.1	2.6	0.1	0.3	19.6	3.0	22.6	0.4	10.4
2003	63.8	0.1	44.0	2.5	0.1	0.3	16.7	2.7	19.5	0.3	10.7
2004	58.4	0.1	46.4	2.7	0.5	0.2	16.9	2.4	19.3	0.3	10.2
2005	59.0	0.1	45.2	3.2	0.1	0.3	17.0	2.1	19.1	W	10.4
2006	60.0	0.1	42.1	2.7	0.1	0.2	24.2	1.2	25.4	W	10.4
2007	57.7	0.1	40.1	3.3	0.1	0.2	23.6	0.8	24.3	W	10.9
2008	55.1	0.1	39.9	2.7	NA	0.1	19.9	0.9	20.8	W	8.4
2009	49.8	0.2	38.0	3.7	NA	0.1	16.9	0.9	17.8	W	8.5
2010	44.7	0.1	34.8	3.9	0.0	0.1	15.3	0.4	15.8	W	7.6
2011	39.0	0.1	33.3	4.5	0.0	0.1	13.4	0.4	13.8	W	6.4
2012	29.7	0.1	32.5	5.6	0.0	0.1	12.2	0.3	12.5	W	5.5
2013	24.7	0.0	31.4	5.3	0.0	0.1	11.5	0.2	11.7	W	5.2
2014	21.6	0.0	31.3	4.9	W	0.1	11.9	0.1	11.9	W	4.6
2015	25.5	W	33.4	5.6	W	0.1	12.6	0.1	12.7	W	4.0
2016	25.6	W	31.2	6.1	W	0.1	12.6	0.1	12.7	W	4.2
2018											
January	22.5	W	29.1	3.5	W	0.1	11.7	0.3	12.0	-	3.7
February	23.4	W	27.8	3.2	W	0.1	11.8	0.1	12.0	-	3.6
March	24.1	W	31.7	3.4	W	0.1	12.7	0.1	12.8	-	3.6
April	23.8	W	29.9	4.3	W	W	13.0	0.0	13.0	-	3.5
May	24.3	W	32.0	3.0	0.0	W	12.2	0.1	12.3	-	3.2
June	25.1	W	31.3	3.3	0.0	W	11.5	0.1	11.6	-	3.0
July	24.6	W	33.2	3.1	W	W	12.4	0.1	12.4	-	3.5
August	25.4	W	33.3	4.4	0.0	W	13.4	0.0	13.4	-	3.2
September	24.4	W	32.2	3.7	0.0	W	13.3	0.0	13.3	-	3.6
October	24.7	W	32.1	4.2	W	0.1	13.3	0.1	13.4	-	3.8
November	24.6	W	30.9	3.7	W	0.1	13.1	0.2	13.3	-	3.4
December	24.2	W	32.2	2.9	W	0.1	12.5	0.1	12.6	-	3.5
2018	24.3	W	31.3	3.6	0.0	0.1	12.6	0.1	12.7	-	3.5
2019											
January	23.2	W	29.3	3.5	W	0.1	12.5	0.1	12.6	-	2.8
February	23.6	W	28.9	3.2	W	0.1	12.4	0.1	12.5	-	2.3
March	24.3	W	30.5	2.3	W	0.1	11.8	0.1	11.8	-	2.2
April	24.1	W	32.3	2.3	W	0.1	11.7	0.1	11.8	-	2.4
May	24.7	W	31.7	2.8	W	0.1	12.1	0.1	12.1	-	2.0
June	24.9	W	32.9	2.9	0.0	0.0	11.9	0.1	12.0	-	3.3
July	24.8	W	33.9	2.1	0.0	0.0	12.5	0.0	12.6	-	2.8
August	25.9	W	31.9	2.5	W	0.0	12.8	0.1	12.8	-	2.6
September	24.1	W	32.1	3.4	0.0	0.1	12.2	0.1	12.3	-	3.2
October	24.0	W	30.5	3.1	W	0.1	11.3	0.2	11.4	-	2.8
November	23.9	W	30.5	4.1	W	0.1	10.6	0.1	10.7	-	2.4
December	23.3	W	32.6	3.8	W	0.1	11.0	0.1	11.1	-	2.1
2019	24.2	W	31.5	3.0	W	0.1	11.9	0.1	12.0	-	2.6
2020											
January	22.8	W	31.2	3.7	W	0.2	11.0	0.2	11.1	-	1.8
February	23.3	W	30.0	4.1	W	0.1	11.2	0.1	11.3	-	2.4
March	18.5	W	27.2	4.3	W	0.1	10.5	0.1	10.6	-	2.0
April	12.4	W	13.8	2.8	W	0.1	10.5	0.1	10.6	-	2.3
May	15.6	W	14.2	3.0	W	0.1	9.2	0.1	9.3	-	1.6
June	19.1	W	18.2	2.1	0.0	0.0	9.2	0.1	9.3	-	1.8
July	20.6	0.0	R20.2	2.2	0.0	0.1	9.4	0.1	9.6	-	2.0
August	20.6	0.0	21.1	2.4	0.0	W	9.3	0.1	9.4	-	1.7

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

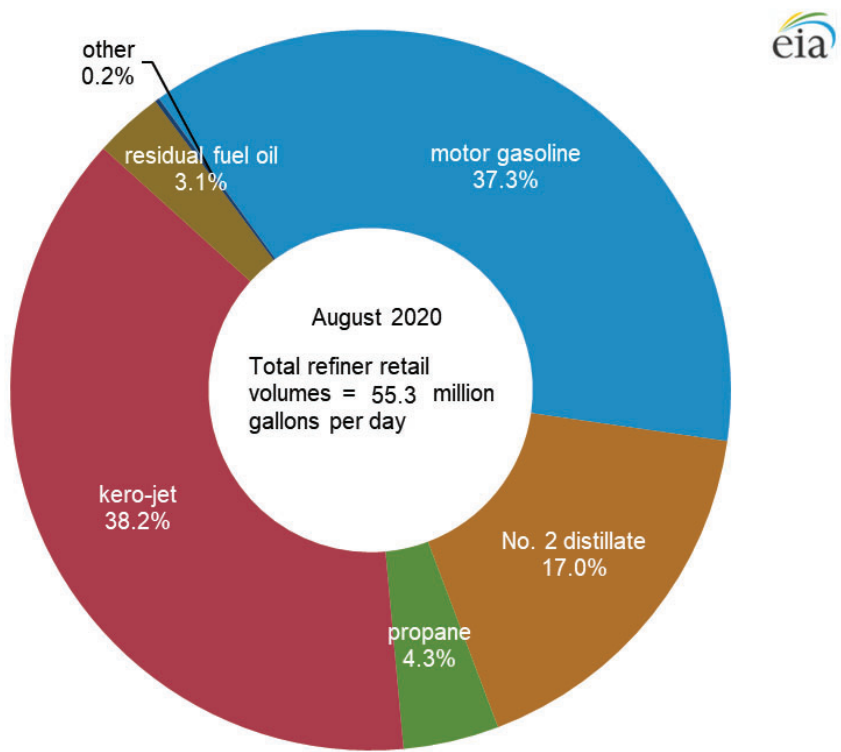
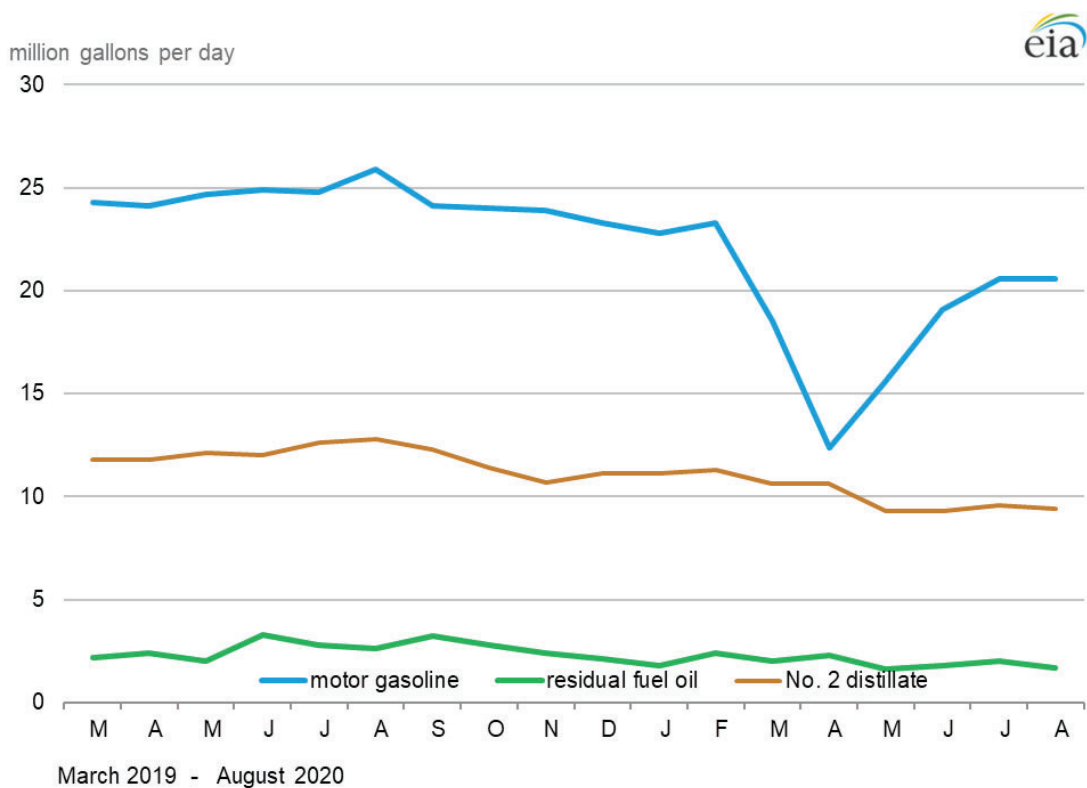
R = Revised data.

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

Notes: Motor gasoline averages and totals before October 1993 include leaded gasoline. Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2019 are final. Totals may not equal the sum of the components because of 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]
1994	0.599	0.933	0.534	0.324	0.618	0.615	0.529	0.506	0.522	0.462	0.317
1995	0.626	0.975	0.539	0.344	0.580	0.625	0.538	0.511	0.530	0.463	0.363
1996	0.713	1.055	0.646	0.461	0.714	0.751	0.659	0.639	0.653	0.603	0.420
1997	0.70	1.065	0.613	0.416	0.653	0.723	0.606	0.590	0.602	0.551	0.387
1998	0.526	0.912	0.450	0.288	0.465	0.513	0.444	0.422	0.439	0.383	0.280
1999	0.645	1.007	0.533	0.342	0.550	0.634	0.546	0.493	0.536	0.430	0.354
2000	0.963	1.330	0.880	0.595	0.969	1.019	0.898	0.886	0.896	0.778	0.566
2001	0.886	1.256	0.763	0.540	0.821	0.883	0.784	0.756	0.779	0.697	0.476
2002	0.828	1.146	0.716	0.431	0.752	0.805	0.724	0.694	0.718	0.663	0.530
2003	1.002	1.288	0.871	0.607	0.955	1.033	0.883	0.881	0.882	0.793	0.661
2004	1.288	1.627	1.208	0.751	1.271	1.289	1.187	1.125	1.178	1.033	0.681
2005	1.670	2.076	1.723	0.933	1.757	1.801	1.737	1.623	1.720	1.377	0.971
2006	1.969	2.490	1.961	1.031	2.007	2.044	2.012	1.834	1.991	1.395	1.136
2007	2.182	2.758	2.171	1.194	2.249	2.430	2.203	2.072	2.190	1.551	1.350
2008	2.586	3.342	3.020	1.437	2.851	2.712	2.994	2.745	2.970	2.157	1.866
2009	1.767	2.480	1.719	0.921	1.844	2.050	1.713	1.657	1.707	1.561	1.342
2010	2.165	2.874	2.185	1.212	2.299	2.573	2.214	2.147	2.208	W	1.697
2011	2.867	3.739	3.014	1.467	3.065	3.223	3.034	2.907	3.025	2.801	2.336
2012	2.929	3.919	3.080	1.033	3.163	3.349	3.109	3.031	3.103	W	2.457
2013	2.812	3.869	2.953	1.048	3.084	3.340	3.028	2.966	3.025	2.767	2.278
2014	2.618	3.687	2.763	1.165	2.882	3.213	2.812	2.741	2.809	2.333	2.044
2015	1.726	2.764	1.592	0.555	1.735	1.957	1.667	1.565	1.663	1.215	0.996
2016	1.454	2.404	1.295	0.523	1.383	1.589	1.378	1.239	1.370	0.956	0.745
2017	1.689	2.682	1.603	0.800	1.730	2.093	1.691	1.600	1.686	W	1.116
2018											
January	1.849	2.900	1.969	0.990	2.209	2.430	2.042	1.990	2.036	W	1.310
February	1.823	2.893	1.911	0.889	2.088	2.295	1.972	1.889	1.966	W	1.319
March	1.889	2.904	1.893	0.827	1.969	2.209	1.952	1.848	1.946	W	1.302
April	2.054	3.085	2.032	0.792	2.075	2.414	2.099	1.982	2.093	W	1.348
May	2.205	3.181	2.175	0.867	2.205	2.606	2.258	2.143	2.254	W	1.500
June	2.135	3.138	2.152	0.807	2.145	2.544	2.203	2.089	2.200	W	1.553
July	2.148	3.111	2.140	0.854	2.133	2.489	2.192	2.079	2.189	W	1.581
August	2.118	3.085	2.148	0.907	2.169	2.485	2.203	2.114	2.201	W	1.549
September	2.136	3.124	2.214	0.951	2.246	2.560	2.282	2.214	2.280	W	1.560
October	2.090	3.099	2.296	0.948	2.437	2.665	2.379	2.281	2.373	W	1.700
November	1.732	2.762	2.100	0.826	2.206	2.449	2.130	2.098	2.128	W	1.556
December	1.514	2.463	1.811	0.798	1.954	2.175	1.794	1.796	1.941	W	1.293
2018	1.980	3.006	2.073	0.877	2.160	2.380	2.130	2.002	2.123	W	1.463
2019											
January	1.483	2.394	1.822	0.775	2.021	2.127	1.789	1.813	1.791	W	1.357
February	1.624	2.527	1.925	0.772	2.111	2.246	1.950	1.907	1.946	W	1.508
March	1.881	2.874	1.960	0.754	2.087	2.389	2.020	1.958	2.015	W	1.581
April	2.138	3.100	2.022	0.660	2.073	2.343	2.100	1.993	2.095	W	1.577
May	2.110	3.021	2.061	0.595	2.057	2.458	2.106	1.989	2.102	W	1.505
June	1.909	2.841	1.879	0.493	1.914	2.203	1.874	1.824	1.873	W	1.372
July	1.984	2.988	1.938	0.478	1.969	2.260	1.938	1.847	1.935	W	1.489
August	1.820	2.854	1.864	0.458	1.861	2.201	1.865	1.795	1.862	W	1.247
September	1.854	2.829	1.898	0.477	1.984	2.264	1.955	1.901	1.954	W	1.337
October	1.871	2.857	1.931	0.544	2.003	2.369	1.984	1.926	1.982	W	1.263
November	1.819	2.783	1.922	0.655	2.046	2.420	1.974	1.884	1.968	W	1.353
December	1.757	2.734	1.932	0.632	2.087	2.369	1.943	1.919	1.941	W	1.597
2019	1.858	2.842	1.929	0.622	2.017	2.296	1.958	1.895	1.955	W	1.428
2020											
January	1.743	2.752	1.891	0.557	2.008	2.171	1.858	1.863	1.858	W	1.675
February	1.669	2.698	1.613	0.530	1.802	1.968	1.671	1.627	1.668	W	1.540
March	1.127	2.279	1.189	0.410	1.115	1.579	1.278	1.238	1.275	W	1.121
April	0.645	1.590	0.703	0.378	0.837	1.193	0.908	0.872	0.906	W	0.733
May	1.049	1.869	0.690	0.454	0.848	1.115	0.878	0.795	0.873	W	0.775
June	1.311	2.134	1.002	0.514	1.099	1.424	1.135	1.002	1.129	W	1.017
July	1.380	2.253	R1.144	R0.507	1.172	1.526	1.254	1.152	1.251	W	R1.137
August	1.389	2.219	1.162	0.536	1.250	1.526	1.276	1.179	1.273	W	1.135

W = Withheld to avoid disclosure of individual company data.

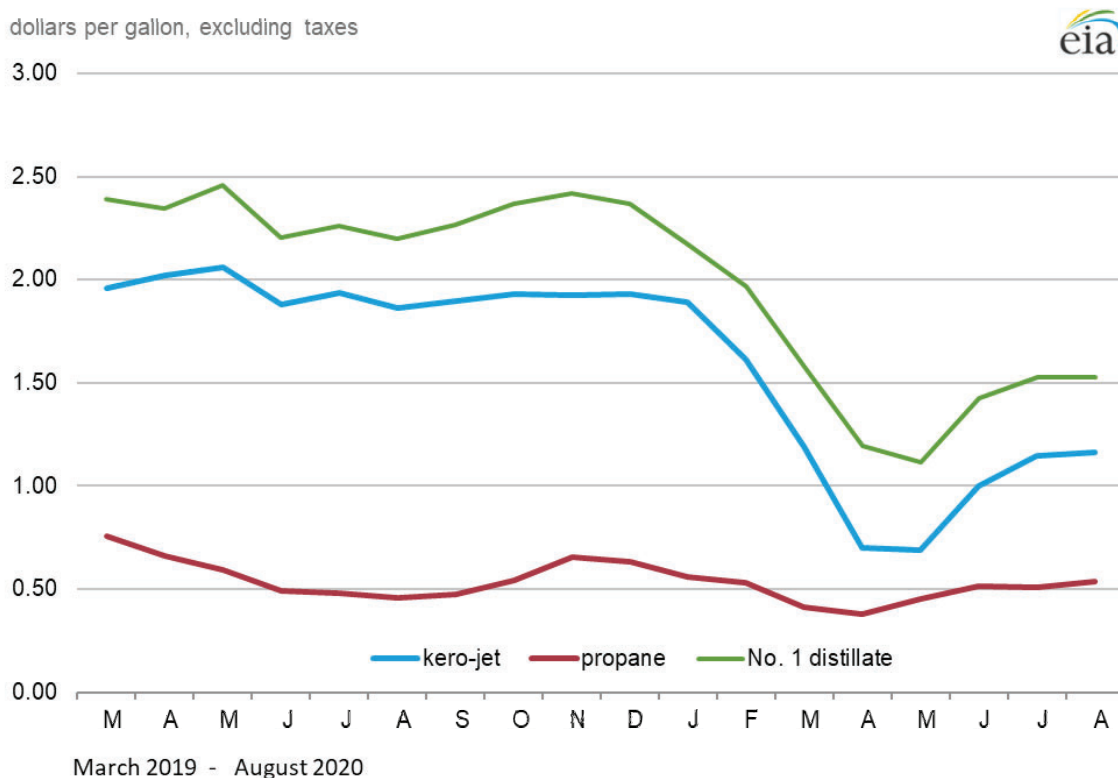
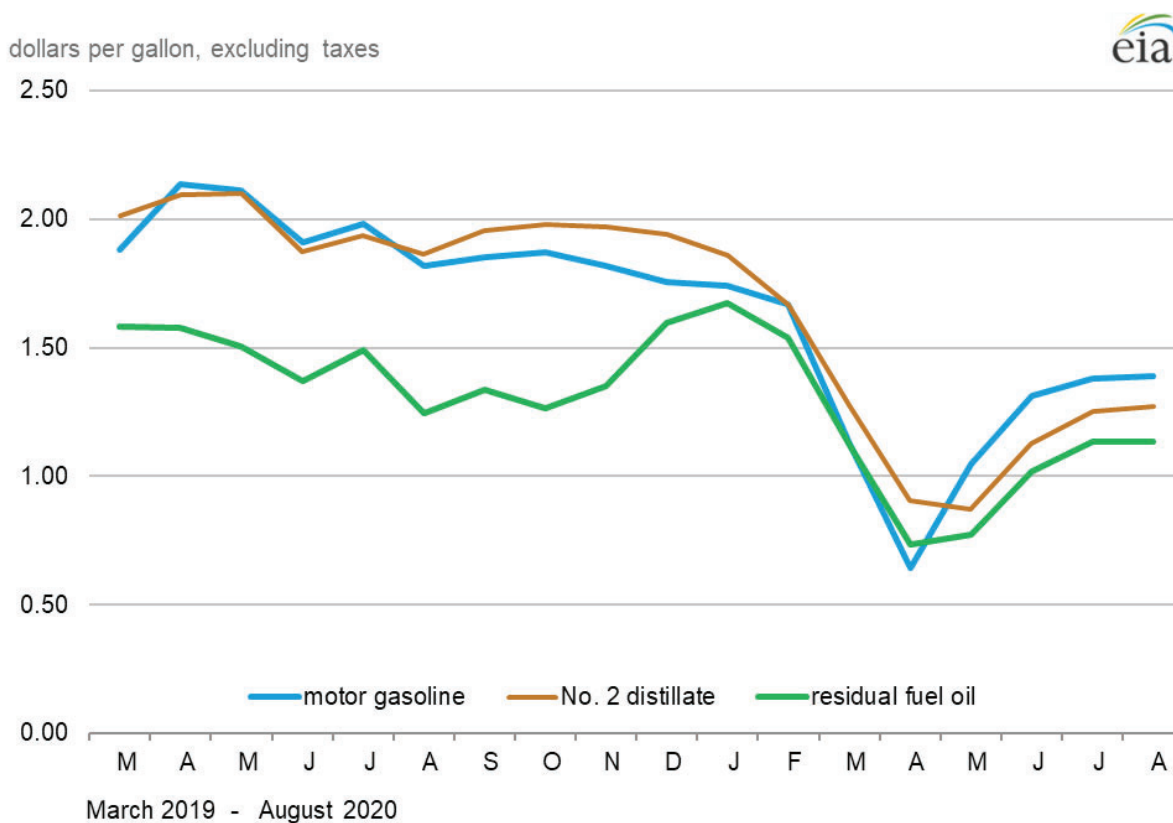
R = Revised data.

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

Notes: - Motor gasoline averages and totals before October 1993 include leaded gasoline. - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2019 are final.

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

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



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

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

million gallons per day

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 2 distillate				Residual fuel oil	
						No. 1 distillate	No. 2 diesel fuel	No. 2 fuel oil	Average		No. 4 fuel[a]
1994	276.7	0.7	9.1	28.4	2.5	1.9	72.4	32.9	105.3	0.4	12.8
1995	288.8	0.6	9.9	30.6	2.4	1.7	75.9	31.0	106.9	0.3	13.6
1996	293.6	0.6	11.5	32.9	2.7	1.8	83.7	33.1	116.8	0.3	13.8
1997	292.7	0.6	11.3	32.2	2.5	1.6	88.7	31.2	119.9	0.2	11.5
1998	300.4	0.6	12.2	32.7	2.2	1.4	91.9	27.3	119.2	0.1	15.4
1999	306.9	0.7	15.2	33.6	2.4	1.7	95.5	24.3	119.9	0.2	11.5
2000	304.4	0.6	15.7	34.8	2.3	1.5	98.8	23.3	122.1	0.2	10.5
2001	305.2	0.6	14.3	35.0	2.2	1.4	101.3	25.2	126.4	0.1	10.3
2002	311.8	0.6	12.1	32.9	2.0	1.3	100.8	23.6	124.4	0.1	8.8
2003	311.6	0.5	12.2	36.5	2.3	1.2	108.9	20.9	129.8	0.1	6.7
2004	316.4	0.6	12.7	40.3	2.1	1.3	116.5	19.6	136.1	NA	5.9
2005	321.8	0.5	15.2	35.1	2.0	1.4	118.7	20.6	139.3	NA	4.7
2006	315.6	0.5	15.2	39.4	1.4	1.3	123.2	16.7	139.9	0.3	6.5
2007	319.8	0.5	16.6	41.7	1.4	0.9	135.3	14.5	149.8	0.3	8.2
2008	306.4	0.4	16.5	34.2	1.0	1.0	138.7	14.9	153.6	0.2	9.5
2009	307.4	0.4	15.2	31.8	1.3	1.0	128.0	15.1	143.1	0.1	9.8
2010	312.0	0.4	20.3	28.3	1.4	0.9	135.5	11.5	147.0	W	10.7
2011	296.3	0.4	23.0	28.6	1.2	1.0	134.6	10.7	145.3	0.1	12.2
2012	294.7	0.4	23.5	27.6	1.2	0.8	136.9	10.7	147.6	W	8.8
2013	291.0	0.4	26.4	34.9	1.3	1.0	142.9	7.7	150.6	0.1	9.0
2014	289.2	0.4	27.5	32.9	1.4	1.4	146.3	7.0	153.3	0.1	8.0
2015	298.7	0.4	28.6	31.6	1.2	1.2	146.5	6.7	153.2	0.2	8.1
2016	303.8	0.4	30.3	32.4	1.2	1.0	138.3	8.2	146.5	0.1	8.4
2017	301.5	0.4	38.1	28.9	1.0	1.0	146.5	8.5	155.0	W	7.1
2018											
January	283.1	0.3	41.1	46.8	2.3	3.2	145.8	17.5	163.4	W	8.9
February	296.0	0.3	41.4	39.3	1.5	2.5	144.5	12.6	157.1	W	7.7
March	306.3	0.4	38.3	31.4	1.0	1.1	148.8	9.5	158.3	W	7.4
April	306.9	0.5	40.0	24.4	0.8	0.4	156.2	9.0	165.3	W	7.0
May	318.4	0.5	41.8	20.9	0.8	0.1	159.3	5.3	164.7	W	8.4
June	319.5	0.5	44.1	18.9	0.9	0.1	160.4	4.2	164.7	W	8.1
July	312.1	0.6	42.7	19.3	0.8	0.1	154.1	3.8	158.0	W	7.3
August	314.5	0.5	43.3	21.9	1.2	0.2	159.4	3.3	162.7	W	7.6
September	305.4	0.4	40.2	20.8	1.8	0.4	156.3	4.7	161.0	W	7.8
October	306.2	0.5	37.9	28.5	1.0	1.2	161.2	9.7	170.9	W	7.3
November	301.8	0.3	38.1	33.6	1.4	2.7	155.3	12.9	168.1	W	6.7
December	293.9	0.4	37.2	36.1	1.4	2.4	152.3	17.1	169.5	W	7.3
2018	305.4	0.4	40.5	28.4	1.2	1.2	154.5	9.1	163.7	W	7.6
2019											
January	287.2	0.4	36.9	41.1	1.8	3.3	150.5	15.7	166.1	W	7.9
February	291.6	0.3	38.2	40.7	1.3	3.8	148.2	14.5	162.7	W	7.6
March	298.1	0.4	40.2	31.7	1.0	1.5	154.8	11.6	166.4	W	6.9
April	304.9	0.4	40.1	25.1	0.5	0.4	160.9	7.7	168.6	W	9.3
May	309.2	0.5	39.7	24.8	0.8	0.1	161.0	5.8	166.8	W	7.4
June	307.8	0.4	42.5	26.2	1.2	0.1	168.8	5.0	173.8	W	7.7
July	307.7	0.6	44.6	27.6	1.6	0.1	161.1	4.7	165.8	W	6.5
August	314.8	0.5	44.8	27.0	0.8	0.2	165.8	7.2	173.0	W	8.4
September	302.1	0.5	44.3	27.7	1.2	0.4	160.3	4.1	164.5	W	7.5
October	305.3	0.5	40.6	29.5	1.1	1.3	168.6	6.2	174.8	W	7.7
November	299.3	0.4	39.8	38.2	1.3	2.7	166.8	12.8	179.5	W	7.2
December	294.6	0.3	41.7	38.0	1.4	2.6	155.6	14.6	170.2	W	6.1
2019	301.9	0.4	41.1	31.4	1.2	1.4	160.2	9.1	169.4	W	7.5
2020											
January	282.8	0.5	40.7	40.4	1.0	2.6	153.3	11.9	165.2	W	6.9
February	290.0	0.4	38.8	34.7	0.7	2.1	150.9	10.4	161.4	W	7.8
March	250.9	0.4	35.4	31.7	0.9	0.9	154.5	9.1	163.7	W	7.9
April	188.1	0.3	13.3	23.6	0.7	0.5	152.6	8.5	161.1	W	8.7
May	231.4	0.4	11.3	19.2	0.8	0.2	153.8	9.3	163.0	W	5.8
June	270.5	0.4	14.7	17.0	0.7	0.1	153.2	6.0	159.2	W	5.7
July	R274.4	0.4	R18.0	19.0	1.1	0.2	R143.4	3.9	R147.2	W	R4.4
August	277.2	0.4	17.8	17.9	0.8	0.2	144.3	3.4	147.7	W	4.4

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

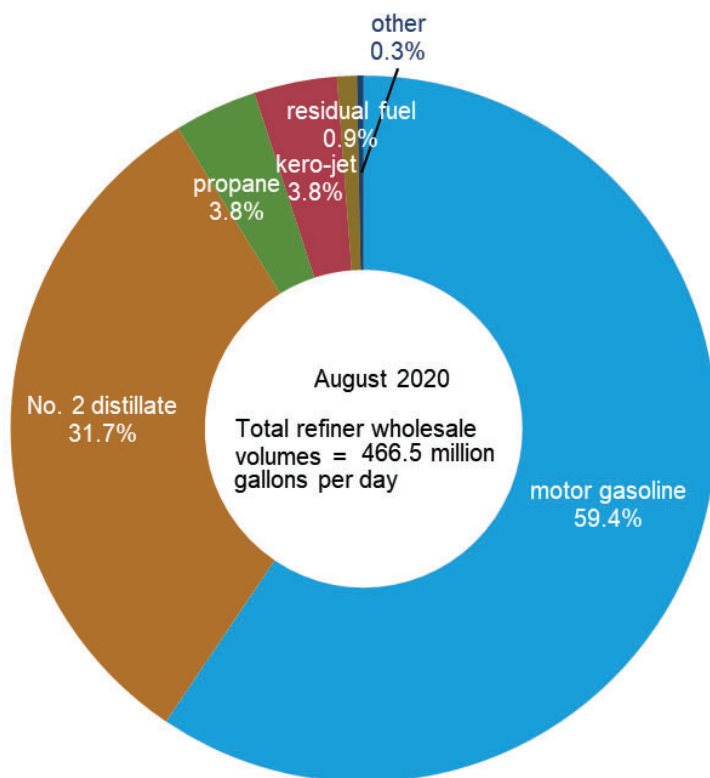
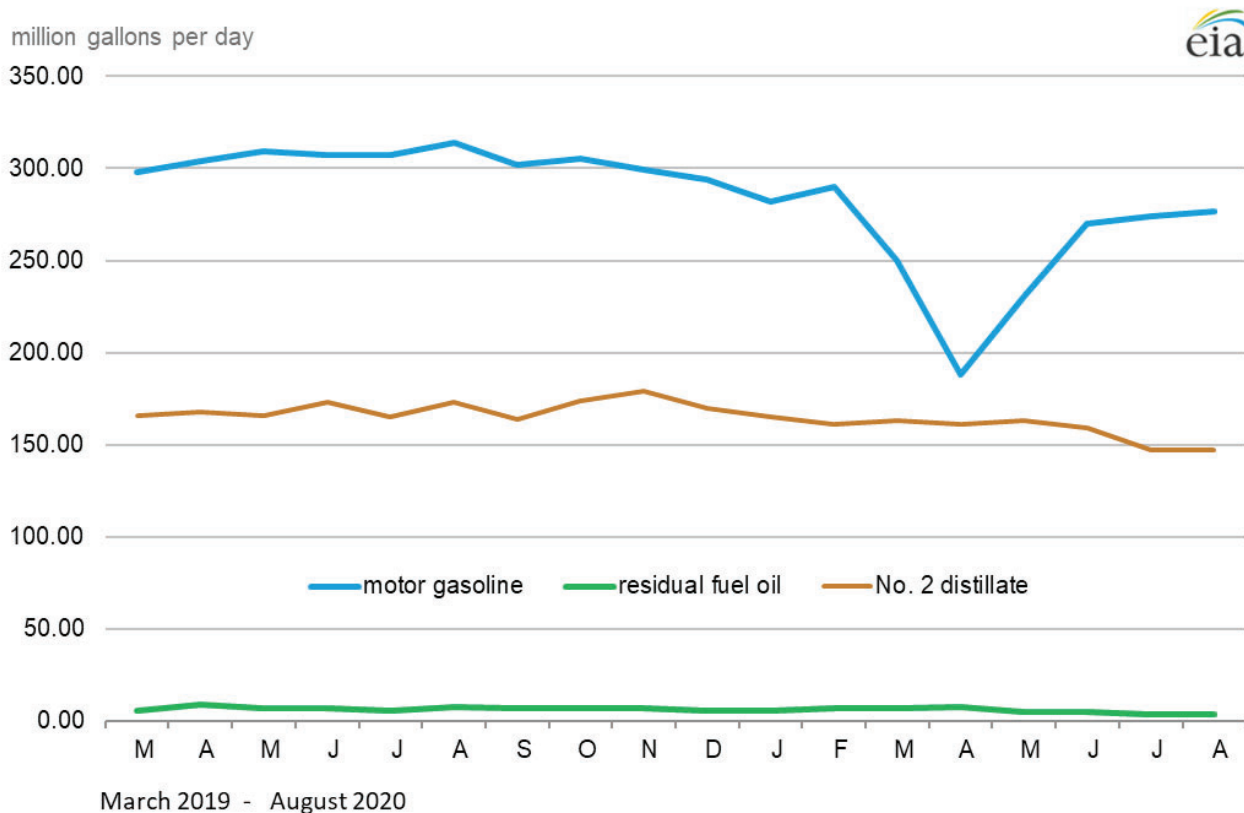
R = Revised data.

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

Notes: Motor gasoline averages and totals before October 1993 include leaded gasoline. Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2019 are final. Totals may not equal the sum of the components because of 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
1994	0.695	0.689	0.646	0.547	0.502	0.566	0.791	0.785	0.704	0.584	NA	0.638
1995	0.723	0.717	0.682	0.576	0.534	0.593	0.813	0.808	0.737	0.619	NA	0.670
1996	0.812	0.807	0.770	0.672	0.622	0.685	0.901	0.896	0.824	0.709	NA	0.759
1997	0.803	0.798	0.764	0.656	0.615	0.673	0.898	0.895	0.822	0.694	0.711	0.749
1998	0.634	0.630	0.596	0.481	0.449	0.499	0.731	0.728	0.655	0.521	NA	0.576
1999	0.747	0.742	0.730	0.605	0.542	0.620	0.838	0.835	0.784	0.639	NA	0.696
2000	1.077	1.073	1.042	0.927	0.873	0.942	1.171	1.168	1.099	0.960	-	1.013
2001	1	0.997	0.977	0.848	0.786	0.865	1.103	1.10	1.042	0.888	-	0.945
2002	0.915	0.912	0.886	0.801	0.735	0.806	1.013	1.010	0.968	0.839	-	0.885
2003	1.127	1.123	1.134	0.965	0.888	0.981	1.222	1.218	1.196	1.004	-	1.061
2004	1.407	1.404	1.414	1.257	1.182	1.269	1.503	1.499	1.469	1.296	-	1.340
2005	1.805	1.802	1.765	1.653	1.568	1.654	1.896	1.893	1.821	1.681	-	1.708
2006	2.102	2.099	2.082	1.944	1.866	1.950	2.216	2.213	2.157	1.987	-	2.016
2007	2.318	2.315	2.278	2.161	2.074	2.161	2.440	2.438	2.351	2.226	-	2.245
2008	2.752	2.748	2.702	2.558	2.525	2.570	2.880	2.879	2.775	2.588	-	2.610
2009	1.860	1.856	1.866	1.744	1.668	1.747	1.998	1.997	1.957	1.762	-	1.784
2010	2.275	2.270	2.261	2.144	2.073	2.146	2.416	2.416	2.357	2.168	-	2.185
2011	3.028	3.021	2.961	2.846	2.762	2.847	3.165	3.165	3.057	2.880	-	2.893
2012	3.132	3.118	3.086	2.892	2.836	2.904	3.291	3.290	3.194	2.906	-	2.925
2013	3.029	3.010	2.907	2.769	2.747	2.779	3.200	3.199	3.038	2.862	-	2.876
2014	2.832	2.811	2.767	2.574	2.520	2.584	3.031	3.030	2.903	2.716	-	2.738
2015	1.939	1.938	2.105	1.654	1.604	1.681	2.225	2.224	2.252	1.824	-	1.872
2016	1.661	1.660	1.701	1.392	1.354	1.410	1.935	1.934	1.839	1.552	-	1.586
2017	1.903	1.902	1.957	1.625	1.622	1.647	2.202	2.200	2.090	1.791	-	1.826
2018												
January	2.039	2.037	2.066	1.791	1.803	1.810	2.330	2.328	2.227	1.953	-	1.986
February	2.049	2.047	2.153	1.750	1.838	1.782	2.389	2.386	2.302	1.924	-	1.970
March	2.080	2.078	2.248	1.820	1.805	1.846	2.419	2.417	2.415	1.997	-	2.047
April	2.241	2.239	2.411	1.985	1.945	2.010	2.556	2.554	2.560	2.167	-	2.214
May	2.422	2.419	2.549	2.140	2.090	2.162	2.736	2.733	2.680	2.319	-	2.358
June	2.395	2.392	2.502	2.065	2.063	2.092	2.723	2.721	2.612	2.253	-	2.291
July	2.369	2.367	2.446	2.084	2.053	2.105	2.679	2.677	2.580	2.271	-	2.305
August	2.348	2.345	2.402	2.053	2.046	2.075	2.662	2.661	2.546	2.237	-	2.270
September	2.352	2.349	2.479	2.069	2.046	2.093	2.679	2.678	2.631	2.254	-	2.296
October	2.361	2.357	2.592	2.005	2.060	2.046	2.725	2.723	2.725	2.202	-	2.261
November	2.117	2.113	2.320	1.643	1.679	1.688	2.534	2.532	2.435	1.833	-	1.899
December	1.881	1.878	2.087	1.425	1.459	1.469	2.300	2.299	2.225	1.611	-	1.681
2018	2.225	2.222	2.359	1.907	1.923	1.937	2.565	2.563	2.498	2.098	-	2.143
2019												
January	1.766	1.762	1.984	1.405	1.407	1.441	2.158	2.157	2.138	1.584	-	1.644
February	1.869	1.865	2.034	1.555	1.499	1.582	2.214	2.213	2.230	1.728	-	1.783
March	2.059	2.056	2.212	1.820	1.729	1.839	2.392	2.391	2.381	1.993	-	2.034
April	2.405	2.402	2.685	2.052	2.026	2.091	2.769	2.767	2.835	2.246	-	2.306
May	2.438	2.432	2.711	2.020	1.983	2.061	2.825	2.822	2.840	2.211	-	2.268
June	2.284	2.277	2.456	1.822	1.771	1.860	2.665	2.662	2.604	2.014	-	2.066
July	2.300	2.294	2.378	1.906	1.835	1.933	2.640	2.637	2.565	2.113	-	2.150
August	2.170	2.163	2.271	1.736	1.703	1.769	2.541	2.539	2.467	1.946	-	1.988
September	2.152	2.147	2.399	1.762	1.705	1.800	2.553	2.549	2.611	1.984	-	2.042
October	2.192	2.185	2.669	1.763	1.668	1.816	2.662	2.656	2.874	1.988	-	2.071
November	2.137	2.131	2.480	1.725	1.629	1.768	2.575	2.569	2.658	1.948	-	2.019
December	2.099	2.093	2.216	1.682	1.607	1.712	2.481	2.477	2.409	1.869	-	1.922
2019	2.160	2.155	2.379	1.776	1.705	1.810	2.543	2.540	2.548	1.978	-	2.033
2020												
January	2.069	2.062	2.211	1.662	1.627	1.695	2.446	2.442	2.431	1.862	-	1.918
February	1.975	1.969	2.180	1.584	1.530	1.620	2.368	2.363	2.392	1.787	-	1.849
March	1.764	1.760	1.817	1.028	1.077	1.077	2.212	2.205	1.984	1.216	-	1.279
April	1.385	1.380	1.234	0.563	0.551	0.599	1.840	1.829	1.437	0.771	-	0.820
May	1.504	1.501	1.430	0.983	0.786	1.001	1.869	1.863	1.661	1.173	-	1.209
June	1.677	1.673	1.700	1.242	1.077	1.262	2.038	2.033	1.901	1.434	-	1.468
July	1.709	R1.708	1.775	1.305	R1.198	1.330	2.092	2.087	1.989	1.496	-	R1.530
August	1.713	1.711	1.825	1.311	1.197	1.338	2.111	2.106	2.043	1.503	-	1.545

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
1994	0.873	0.865	0.787	0.640	0.556	0.695	0.744	0.738	0.693	0.567	0.509	0.599
1995	0.897	0.890	0.822	0.673	0.583	0.722	0.771	0.765	0.729	0.598	0.540	0.626
1996	0.979	0.972	0.897	0.762	0.669	0.803	0.853	0.847	0.809	0.690	0.627	0.713
1997	0.979	0.973	0.895	0.749	0.658	0.792	0.844	0.839	0.803	0.674	0.620	0.70
1998	0.811	0.805	0.726	0.573	0.489	0.617	0.678	0.673	0.636	0.50	0.454	0.526
1999	0.912	0.906	0.851	0.687	0.585	0.726	0.785	0.781	0.765	0.621	0.549	0.645
2000	1.250	1.242	1.174	1.017	0.927	1.055	1.111	1.106	1.074	0.940	0.879	0.963
2001	1.181	1.175	1.112	0.936	0.830	0.980	1.035	1.032	1.009	0.862	0.791	0.886
2002	1.094	1.088	1.030	0.899	0.80	0.928	0.949	0.947	0.922	0.816	0.741	0.828
2003	1.312	1.305	1.269	1.064	0.955	1.113	1.160	1.156	1.164	0.978	0.893	1.002
2004	1.603	1.596	1.553	1.361	1.274	1.408	1.439	1.435	1.442	1.270	1.187	1.288
2005	2	1.992	1.901	1.760	1.696	1.789	1.833	1.829	1.791	1.664	1.576	1.670
2006	2.326	2.320	2.231	2.093	1.988	2.117	2.131	2.128	2.110	1.959	1.873	1.969
2007	2.558	2.552	2.460	2.339	2.209	2.357	2.349	2.345	2.311	2.180	2.080	2.182
2008	2.971	2.965	2.846	2.718	2.689	2.746	2.778	2.775	2.726	2.572	2.532	2.586
2009	2.128	2.122	2.059	1.941	1.816	1.958	1.892	1.888	1.899	1.761	1.675	1.767
2010	2.543	2.536	2.446	2.334	2.187	2.346	2.306	2.301	2.293	2.162	2.078	2.165
2011	3.291	3.283	3.139	3.047	2.873	3.049	3.058	3.050	2.990	2.864	2.769	2.867
2012	3.413	3.400	3.273	3.149	3.102	3.163	3.168	3.154	3.117	2.916	2.861	2.929
2013	3.320	3.307	3.108	3.076	3.010	3.075	3.068	3.049	2.942	2.801	2.774	2.812
2014	3.152	3.138	2.941	2.878	2.783	2.880	2.876	2.855	2.800	2.606	2.548	2.618
2015	2.392	2.386	2.312	2.035	1.845	2.061	2.006	2.003	2.148	1.696	1.627	1.726
2016	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	2.416	2.413	2.204	1.973	1.825	1.997	1.978	1.976	2.013	1.665	1.644	1.689
2018												
January	2.552	2.547	2.328	2.115	1.992	2.136	2.111	2.108	2.125	1.827	1.824	1.849
February	2.619	2.614	2.413	2.087	1.982	2.126	2.130	2.127	2.211	1.787	1.851	1.823
March	2.649	2.644	2.523	2.166	2.013	2.206	2.162	2.160	2.307	1.859	1.821	1.889
April	2.787	2.783	2.663	2.342	2.189	2.376	2.317	2.315	2.467	2.026	1.969	2.054
May	2.952	2.945	2.789	2.492	2.315	2.521	2.498	2.494	2.602	2.181	2.108	2.205
June	2.940	2.933	2.726	2.420	2.226	2.444	2.473	2.469	2.551	2.105	2.083	2.135
July	2.897	2.891	2.687	2.434	2.255	2.455	2.445	2.442	2.499	2.125	2.076	2.148
August	2.881	2.874	2.652	2.397	2.215	2.421	2.424	2.421	2.457	2.093	2.065	2.118
September	2.897	2.891	2.740	2.410	2.263	2.446	2.431	2.428	2.537	2.108	2.065	2.136
October	2.962	2.954	2.840	2.361	2.249	2.419	2.445	2.441	2.647	2.045	2.080	2.090
November	2.764	2.755	2.542	1.998	1.825	2.062	2.210	2.205	2.369	1.683	1.694	1.732
December	2.534	2.526	2.321	1.766	1.594	1.832	1.977	1.973	2.140	1.464	1.476	1.514
2018	2.790	2.784	2.605	2.256	2.105	2.293	2.306	2.303	2.413	1.947	1.942	1.980
2019												
January	2.401	2.394	2.232	1.734	1.548	1.786	1.858	1.854	2.040	1.442	1.424	1.483
February	2.447	2.440	2.312	1.877	1.721	1.925	1.954	1.949	2.097	1.591	1.527	1.624
March	2.621	2.615	2.484	2.148	2.011	2.187	2.141	2.137	2.272	1.857	1.755	1.881
April	3.012	3.004	2.957	2.417	2.325	2.483	2.492	2.487	2.744	2.093	2.059	2.138
May	3.068	3.052	2.967	2.401	2.240	2.465	2.527	2.520	2.765	2.064	2.009	2.110
June	2.904	2.887	2.719	2.199	1.995	2.255	2.374	2.366	2.513	1.866	1.802	1.909
July	2.876	2.861	2.664	2.297	2.182	2.337	2.383	2.375	2.441	1.952	1.882	1.984
August	2.779	2.764	2.555	2.126	1.970	2.173	2.259	2.252	2.334	1.782	1.739	1.820
September	2.792	2.777	2.705	2.164	2.096	2.229	2.249	2.242	2.467	1.809	1.752	1.854
October	2.921	2.901	2.968	2.175	2.021	2.265	2.297	2.289	2.733	1.811	1.713	1.871
November	2.837	2.820	2.757	2.118	1.949	2.189	2.236	2.229	2.539	1.770	1.668	1.819
December	2.731	2.715	2.499	2.024	1.836	2.073	2.188	2.182	2.278	1.722	1.638	1.757
2019	2.785	2.772	2.652	2.147	1.967	2.202	2.251	2.245	2.439	1.818	1.737	1.858
2020												
January	2.698	2.682	2.518	2.026	1.887	2.081	2.157	2.150	2.279	1.704	1.662	1.743
February	2.625	2.608	2.480	1.950	1.814	2.013	2.067	2.060	2.246	1.626	1.563	1.669
March	2.455	2.450	2.092	1.403	1.236	1.476	1.867	1.862	1.878	1.072	1.100	1.127
April	2.093	2.089	1.505	0.894	0.683	0.949	1.496	1.490	1.297	0.602	0.579	0.645
May	2.118	2.115	1.737	1.322	1.028	1.359	1.602	1.598	1.503	1.027	0.816	1.049
June	2.277	2.276	1.996	1.585	1.277	1.614	1.772	1.768	1.770	1.286	1.117	1.311
July	2.335	2.334	2.081	1.652	R1.336	1.692	1.808	1.806	1.849	R1.351	R1.221	1.380
August	2.355	2.354	2.140	1.652	1.341	1.700	1.816	1.814	1.901	1.356	1.216	1.389

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 2019 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
1994	34.3	35.9	47.7	120.3	24.3	192.3	8.5	8.7	12.8	15.7	0.2	28.7
1995	34.3	35.9	43.8	126.2	31.8	201.8	9.6	9.8	13.3	17.2	0.1	30.6
1996	37.2	38.9	46.5	131.9	35.2	213.6	9.5	9.8	12.9	16.6	NA	29.5
1997	40.5	42.4	46.2	135.7	33.9	215.8	9.7	10.0	12.1	16.3	NA	28.4
1998	41.7	43.2	44.4	138.9	37.1	220.3	10.1	10.3	11.1	16.3	NA	27.4
1999	41.6	43.0	45.6	147.5	34.5	227.6	9.9	10.1	10.5	16.1	NA	26.6
2000	43.6	45.0	47.5	159.3	32.4	239.3	8.6	8.7	8.8	14.2	-	23.0
2001	45.0	46.3	47.2	163.2	33.0	243.5	8.3	8.4	7.8	13.3	-	21.1
2002	46.2	47.4	46.9	163.0	39.2	249.2	8.3	8.5	7.4	13.4	-	20.8
2003	47.3	48.6	43.5	171.4	40.1	255.0	7.8	7.9	5.5	13.1	-	18.6
2004	44.5	45.8	41.1	182.1	42.2	265.4	6.4	6.5	4.4	12.7	-	17.0
2005	46.4	47.5	37.5	189.8	45.8	273.2	5.9	6.0	3.2	13.5	-	16.7
2006	48.2	49.4	34.8	196.0	40.8	271.7	5.5	5.5	2.4	11.7	-	14.1
2007	47.0	47.8	34.0	195.7	46.8	276.6	5.0	5.0	2.0	11.7	-	13.7
2008	45.6	46.6	32.5	192.7	43.7	268.8	4.1	4.2	1.5	11.0	-	12.5
2009	40.5	42.2	32.4	196.8	39.3	268.5	3.5	3.5	1.3	10.2	-	11.5
2010	36.6	38.1	29.0	202.2	41.4	272.5	3.0	3.1	0.9	9.9	-	10.8
2011	32.1	33.5	24.9	204.9	30.5	260.2	2.5	2.5	0.7	8.5	-	9.2
2012	23.6	25.2	22.4	209.3	25.8	257.5	1.9	1.9	0.6	8.3	-	8.9
2013	19.3	20.9	22.7	209.2	22.3	254.2	1.6	1.6	0.6	6.7	-	7.2
2014	16.7	18.2	18.9	216.9	18.9	254.8	1.4	1.4	0.4	3.1	-	3.5
2015	20.8	21.1	18.0	224.2	19.6	261.8	1.7	1.8	0.3	2.7	-	3.1
2016	20.8	21.0	17.9	228.0	19.0	264.9	1.8	1.8	0.3	2.5	-	2.8
2017	20.0	20.2	17.2	230.5	15.6	263.4	1.7	1.7	0.3	2.1	-	2.4
2018												
January	18.5	18.7	15.9	215.9	16.4	248.3	1.5	1.5	0.2	1.7	-	2.0
February	19.2	19.5	16.8	224.3	18.9	260.1	1.6	1.6	0.2	1.8	-	2.0
March	19.7	20.0	17.3	231.3	20.4	269.0	1.7	1.7	0.2	1.8	-	2.1
April	19.6	19.8	17.5	231.0	20.6	269.0	1.6	1.6	0.3	1.9	-	2.1
May	19.8	20.1	17.3	240.2	21.5	279.0	1.7	1.7	0.2	2.0	-	2.2
June	20.5	20.8	17.4	242.1	20.4	279.8	1.7	1.7	0.2	2.0	-	2.2
July	20.0	20.3	17.3	237.2	18.3	272.7	1.7	1.7	0.2	2.0	-	2.2
August	20.7	21.0	17.6	241.8	15.5	275.0	1.7	1.7	0.2	2.0	-	2.2
September	19.8	20.1	17.1	230.0	20.7	267.8	1.7	1.7	0.2	1.8	-	2.0
October	20.3	20.6	17.0	236.1	15.9	269.0	1.7	1.7	0.2	1.7	-	1.9
November	20.2	20.5	16.7	233.2	15.2	265.1	1.7	1.7	0.2	1.7	-	1.9
December	19.8	20.0	16.6	227.2	13.5	257.2	1.6	1.6	0.2	1.6	-	1.8
2018	19.9	20.1	17.0	232.6	18.1	267.7	1.6	1.7	0.2	1.8	-	2.1
2019												
January	19.0	19.2	15.6	218.2	17.8	251.6	1.6	1.6	0.2	1.5	-	1.7
February	19.2	19.5	16.4	222.8	15.9	255.2	1.6	1.6	0.2	1.5	-	1.7
March	19.9	20.1	16.8	229.8	15.1	261.7	1.7	1.7	0.2	1.6	-	1.8
April	19.8	20.0	17.0	235.7	14.8	267.5	1.7	1.7	0.2	1.6	-	1.8
May	20.2	20.6	16.9	239.7	14.3	270.9	1.6	1.6	0.2	1.8	-	2.0
June	20.3	20.7	17.1	240.7	10.9	268.7	1.7	1.7	0.2	1.8	-	2.0
July	20.2	20.6	16.7	241.4	10.1	268.1	1.7	1.7	0.2	1.8	-	2.0
August	21.0	21.4	17.3	245.9	11.1	274.2	1.7	1.7	0.2	1.8	-	2.0
September	19.5	19.8	16.8	235.0	11.6	263.3	1.6	1.6	0.2	1.6	-	1.8
October	19.6	20.0	16.7	239.0	11.4	267.1	1.6	1.6	0.2	1.5	-	1.7
November	19.6	19.9	16.4	234.0	11.6	262.0	1.6	1.6	0.2	1.4	-	1.6
December	19.1	19.4	16.2	227.9	13.2	257.3	1.5	1.6	0.2	1.4	-	1.6
2019	19.8	20.1	16.7	234.2	13.1	264.0	1.6	1.6	0.2	1.6	-	1.8
2020												
January	18.6	19.0	15.8	219.5	11.8	247.2	1.5	1.5	0.1	1.3	-	1.5
February	19.0	19.4	16.4	225.9	11.1	253.4	1.5	1.5	0.2	1.3	-	1.5
March	15.2	15.3	13.0	196.2	9.3	218.6	1.2	1.3	0.1	1.3	-	1.4
April	10.0	10.1	8.9	148.9	5.4	163.2	0.9	0.9	0.1	1.0	-	1.1
May	12.5	12.7	11.6	179.7	8.4	199.7	1.1	1.1	0.1	1.3	-	1.4
June	15.4	15.5	13.2	211.0	8.3	232.4	1.3	1.4	0.1	1.5	-	1.6
July	16.6	R16.7	13.6	R216.5	R5.6	235.6	1.4	1.5	0.1	1.6	-	1.7
August	16.6	16.8	14.0	217.3	6.6	237.8	1.5	1.5	0.1	1.5	-	1.7

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
1994	10.0	10.3	22.6	29.9	3.2	55.7	52.8	55.0	83.1	165.9	27.7	276.7
1995	9.8	10.2	20.8	31.5	4.2	56.4	53.7	55.9	77.9	174.8	36.0	288.8
1996	8.4	8.8	18.2	28.3	4.1	50.5	55.1	57.5	77.5	176.8	39.3	293.6
1997	8.4	8.8	16.9	27.6	4.0	48.5	58.7	61.1	75.1	179.6	38.0	292.7
1998	9.6	9.9	17.4	30.9	4.3	52.7	61.4	63.3	73.0	186.1	41.4	300.4
1999	8.7	8.9	16.1	31.0	5.7	52.7	60.2	62.0	72.2	194.6	40.2	306.9
2000	6.9	7.1	13.0	24.4	4.7	42.1	59.1	60.9	69.4	197.9	37.1	304.4
2001	7.1	7.3	12.3	24.6	3.7	40.6	60.4	62.0	67.4	201.1	36.7	305.2
2002	7.5	7.8	12.5	25.2	4.1	41.8	62.1	63.6	66.9	201.7	43.3	311.8
2003	7.1	7.3	10.8	23.9	3.3	38.1	62.2	63.8	59.8	208.4	43.4	311.6
2004	5.9	6.1	9.4	22.3	2.3	34.0	56.9	58.4	54.8	217.1	44.5	316.4
2005	5.2	5.4	8.0	20.9	3.0	31.9	57.5	59.0	48.7	224.2	48.9	321.8
2006	4.9	5.1	7.1	20.3	2.4	29.7	58.6	60.0	44.3	228.0	43.2	315.6
2007	4.7	4.8	6.9	20.2	2.4	29.5	56.7	57.7	43.0	227.6	49.2	319.8
2008	4.2	4.3	5.9	17.1	1.9	25.0	53.9	55.1	39.9	220.8	45.7	306.4
2009	4.0	4.1	6.3	19.1	2.1	27.4	48.0	49.8	39.9	226.1	41.4	307.4
2010	3.4	3.5	5.7	20.9	2.1	28.7	43.1	44.7	35.7	232.9	43.5	312.0
2011	2.9	3.0	4.6	20.3	2.0	26.9	37.5	39.0	30.1	233.7	32.5	296.3
2012	2.5	2.6	4.2	21.6	2.6	28.4	28.0	29.7	27.2	239.2	28.4	294.7
2013	2.2	2.3	4.3	22.7	2.6	29.6	23.0	24.7	27.6	238.6	24.8	291.0
2014	1.9	2.0	4.2	24.4	2.3	30.9	19.9	21.6	23.5	244.5	21.2	289.2
2015	2.6	2.6	4.5	27.3	2.0	33.8	25.1	25.5	22.9	254.2	21.6	298.7
2016	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	2.5	2.6	4.9	29.0	1.9	35.7	24.2	24.5	22.4	261.6	17.5	301.5
2018												
January	2.3	2.3	4.5	26.3	2.0	32.8	22.3	22.5	20.7	244.0	18.4	283.1
February	2.3	2.3	4.7	27.3	2.0	34.0	23.1	23.4	21.8	253.4	20.8	296.0
March	2.4	2.5	4.7	28.7	1.7	35.2	23.8	24.1	22.3	261.9	22.1	306.3
April	2.4	2.4	4.9	28.7	2.2	35.8	23.5	23.8	22.6	261.5	22.8	306.9
May	2.5	2.5	4.8	30.5	1.9	37.2	24.0	24.3	22.3	272.7	23.4	318.4
June	2.5	2.6	4.8	29.9	2.8	37.5	24.7	25.1	22.4	273.9	23.2	319.5
July	2.5	2.5	4.8	30.0	2.3	37.1	24.2	24.6	22.3	269.2	20.6	312.1
August	2.6	2.6	4.9	30.5	2.0	37.3	25.0	25.4	22.8	274.2	17.5	314.5
September	2.5	2.5	4.8	28.9	1.9	35.6	24.0	24.4	22.1	260.7	22.6	305.4
October	2.4	2.4	4.7	28.6	1.9	35.2	24.3	24.7	21.9	266.4	17.9	306.2
November	2.4	2.4	4.7	28.5	1.7	34.9	24.3	24.6	21.5	263.4	16.9	301.8
December	2.5	2.5	4.7	28.2	1.9	34.9	23.9	24.2	21.5	257.0	15.4	293.9
2018	2.4	2.5	4.7	28.8	2.0	35.6	23.9	24.3	22.0	263.3	20.1	305.4
2019												
January	2.4	2.4	4.4	27.0	2.4	33.9	22.9	23.2	20.3	246.7	20.2	287.2
February	2.4	2.5	4.6	27.7	2.3	34.7	23.2	23.6	21.3	252.1	18.2	291.6
March	2.5	2.5	4.6	28.5	1.5	34.6	24.0	24.3	21.6	259.9	16.6	298.1
April	2.4	2.4	4.6	29.2	1.8	35.6	23.8	24.1	21.9	266.5	16.6	304.9
May	2.4	2.5	4.5	30.1	1.6	36.3	24.3	24.7	21.7	271.7	15.9	309.2
June	2.5	2.6	4.7	30.7	1.8	37.2	24.5	24.9	21.9	273.2	12.6	307.8
July	2.5	2.6	4.6	31.4	1.6	37.6	24.4	24.8	21.5	274.6	11.6	307.7
August	2.7	2.7	4.8	32.0	1.8	38.6	25.4	25.9	22.3	279.7	12.8	314.8
September	2.5	2.6	4.7	30.8	1.6	37.0	23.6	24.1	21.6	267.4	13.1	302.1
October	2.4	2.4	4.5	30.4	1.7	36.5	23.6	24.0	21.3	270.9	13.0	305.3
November	2.3	2.4	4.4	29.7	1.6	35.7	23.5	23.9	21.0	265.1	13.2	299.3
December	2.3	2.4	4.4	29.3	2.0	35.7	23.0	23.3	20.8	258.5	15.2	294.6
2019	2.5	2.5	4.6	29.7	1.8	36.1	23.8	24.2	21.4	265.6	14.9	301.9
2020												
January	2.3	2.3	4.4	27.9	1.8	34.1	22.4	22.8	20.3	248.8	13.7	282.8
February	2.3	2.4	4.6	29.0	1.5	35.0	22.9	23.3	21.1	256.3	12.6	290.0
March	1.9	1.9	3.7	25.7	1.6	30.9	18.3	18.5	16.8	223.2	10.9	250.9
April	1.4	1.4	2.6	19.7	1.5	23.8	12.2	12.4	11.6	169.7	6.8	188.1
May	1.8	1.8	3.6	25.6	1.2	30.4	15.5	15.6	15.3	206.5	9.6	231.4
June	2.2	2.2	4.1	30.3	2.0	36.4	18.9	19.1	17.4	242.8	10.3	270.5
July	2.3	2.4	4.2	R31.7	R1.1	R37.1	20.4	20.6	17.9	R249.7	R6.7	R274.4
August	2.4	2.4	4.4	32.2	1.0	37.6	20.5	20.6	18.6	251.0	7.6	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 2019 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	0.50	0.558	0.784	0.778	0.694	NA	NA	0.627
1995	0.710	0.704	0.651	0.570	0.525	0.573	0.80	0.794	0.711	0.610	NA	0.637
1996	0.797	0.791	0.743	0.665	0.607	0.664	0.884	0.878	0.801	0.70	NA	0.726
1997	0.781	0.775	0.719	0.649	0.60	0.648	0.874	0.869	0.783	0.685	W	0.708
1998	0.611	0.606	0.551	0.473	0.439	0.473	0.704	0.70	0.613	0.511	W	0.533
1999	0.710	0.706	0.676	0.595	0.520	0.590	0.802	0.799	0.734	0.628	-	0.650
2000	1.045	1.040	0.994	0.913	0.844	0.909	1.136	1.133	1.052	0.945	-	0.964
2001	0.961	0.958	0.914	0.835	0.761	0.830	1.058	1.055	0.984	0.872	-	0.889
2002	0.893	0.891	0.836	0.791	0.723	0.782	0.985	0.981	0.906	0.829	-	0.839
2003	1.081	1.078	1.040	0.952	0.871	0.942	1.173	1.168	1.108	0.994	-	1.006
2004	1.368	1.364	1.325	1.244	1.170	1.234	1.454	1.450	1.391	1.287	-	1.296
2005	1.780	1.776	1.709	1.643	1.555	1.629	1.861	1.857	1.781	1.675	-	1.682
2006	2.062	2.060	2.054	1.925	1.864	1.918	2.166	2.164	2.134	1.972	-	1.980
2007	2.292	2.289	2.242	2.153	2.065	2.138	2.392	2.390	2.298	2.222	-	2.225
2008	2.717	2.714	2.698	2.560	2.513	2.555	2.829	2.829	2.734	2.581	-	2.586
2009	1.825	1.821	1.817	1.735	1.657	1.723	1.936	1.936	1.877	1.751	-	1.755
2010	2.244	2.239	2.244	2.139	2.065	2.128	2.361	2.361	2.336	2.160	-	2.164
2011	2.998	2.989	2.916	2.834	2.751	2.825	3.105	3.104	3.033	2.869	-	2.872
2012	3.076	3.060	2.999	2.867	2.816	2.864	3.202	3.202	3.117	2.886	-	2.890
2013	2.975	2.954	2.797	2.745	2.724	2.745	3.110	3.110	2.947	2.850	-	2.852
2014	2.775	2.753	2.706	2.558	2.502	2.556	2.932	2.931	2.858	2.703	-	2.711
2015	1.833	1.833	1.858	1.625	1.575	1.625	2.033	2.032	2.090	1.794	-	1.809
2016	1.591	1.591	1.497	1.375	1.332	1.374	1.811	1.811	1.681	1.541	-	1.549
2017	1.829	1.829	1.780	1.607	1.602	1.610	2.082	2.080	1.954	1.781	-	1.791
2018												
January	1.965	1.963	1.888	1.776	1.783	1.779	2.203	2.201	2.087	1.945	-	1.954
February	1.949	1.948	1.934	1.732	1.827	1.744	2.218	2.216	2.151	1.912	-	1.928
March	1.974	1.973	2.051	1.791	1.776	1.795	2.235	2.233	2.253	1.972	-	1.990
April	2.148	2.148	2.232	1.956	1.915	1.957	2.411	2.408	2.436	2.147	-	2.165
May	2.331	2.328	2.385	2.106	2.067	2.107	2.597	2.592	2.579	2.300	-	2.316
June	2.298	2.295	2.340	2.036	2.044	2.042	2.579	2.576	2.532	2.246	-	2.261
July	2.286	2.284	2.288	2.063	2.027	2.065	2.550	2.548	2.458	2.270	-	2.281
August	2.267	2.264	2.235	2.038	2.025	2.041	2.536	2.535	2.442	2.244	-	2.254
September	2.265	2.263	2.271	2.054	2.028	2.056	2.537	2.536	2.485	2.252	-	2.266
October	2.249	2.247	2.358	1.989	2.042	1.999	2.540	2.538	2.586	2.190	-	2.213
November	1.984	1.982	2.115	1.628	1.655	1.639	2.314	2.312	2.383	1.824	-	1.855
December	1.731	1.729	1.880	1.394	1.437	1.406	2.047	2.047	2.150	1.579	-	1.612
2018	2.123	2.122	2.167	1.885	1.903	1.892	2.401	2.399	2.378	2.087	-	2.104
2019												
January	1.623	1.621	1.728	1.369	1.383	1.377	1.911	1.912	2.002	1.545	-	1.569
February	1.755	1.751	1.733	1.521	1.458	1.520	2.003	2.004	2.025	1.685	-	1.702
March	1.954	1.952	1.954	1.788	1.687	1.784	2.210	2.210	2.181	1.962	-	1.973
April	2.248	2.245	2.320	1.995	1.963	1.999	2.505	2.504	2.504	2.186	-	2.201
May	2.263	2.260	2.389	1.968	1.926	1.973	2.546	2.544	2.579	2.171	-	2.187
June	2.122	2.118	2.141	1.781	1.729	1.786	2.408	2.406	2.341	1.990	-	2.003
July	2.177	2.172	2.118	1.872	1.787	1.873	2.436	2.434	2.338	2.101	-	2.109
August	2.038	2.034	2.007	1.708	1.671	1.712	2.310	2.308	2.254	1.931	-	1.940
September	2.030	2.026	2.044	1.728	1.633	1.729	2.313	2.310	2.316	1.942	-	1.956
October	2.024	2.020	2.203	1.722	1.591	1.724	2.322	2.315	2.486	1.933	-	1.954
November	1.972	1.969	2.082	1.698	1.587	1.698	2.282	2.275	2.359	1.917	-	1.935
December	1.984	1.980	1.932	1.658	W	1.659	2.272	2.267	2.213	1.846	-	1.861
2019	2.021	2.017	2.061	1.740	1.656	1.741	2.298	2.296	2.295	1.945	-	1.960
2020												
January	1.951	1.946	1.886	1.629	W	1.632	2.235	2.229	W	W	-	1.841
February	1.839	1.835	1.879	1.550	W	1.552	2.124	2.118	W	1.749	-	1.765
March	1.610	1.606	1.511	1.000	W	1.014	1.921	1.913	W	1.190	-	1.208
April	1.226	1.221	0.930	0.530	W	0.535	1.558	1.543	1.221	0.756	-	0.768
May	1.386	1.383	1.189	0.952	W	0.944	1.659	1.651	1.467	1.155	-	1.163
June	1.570	1.567	1.467	1.219	1.017	1.214	1.850	1.843	1.727	1.428	-	1.436
July	1.602	1.601	1.558	1.279	W	1.281	1.910	1.904	W	1.492	-	1.500
August	1.590	1.589	1.571	1.286	W	1.287	1.899	1.893	W	1.496	-	1.504

See footnotes at end of table.

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

dollars per gallon excluding taxes

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.863	0.855	0.778	0.638	0.555	0.682	0.736	0.729	0.683	0.565	0.507	0.589
1995	0.877	0.868	0.790	0.665	0.568	0.684	0.753	0.746	0.693	0.590	0.530	0.598
1996	0.960	0.951	0.869	0.755	0.645	0.767	0.834	0.827	0.778	0.682	0.610	0.685
1997	0.954	0.946	0.856	0.742	0.641	0.753	0.819	0.813	0.756	0.666	0.604	0.668
1998	0.783	0.776	0.684	W	0.474	0.576	0.652	0.647	0.589	0.491	0.442	0.494
1999	0.872	0.865	0.801	0.679	0.558	0.681	0.748	0.743	0.711	0.611	0.525	0.609
2000	1.211	1.201	1.120	1.002	0.897	1.005	1.076	1.071	1.023	0.926	0.849	0.925
2001	1.129	1.123	1.042	0.922	0.806	0.923	0.992	0.989	0.943	0.848	0.765	0.845
2002	1.064	1.058	0.978	0.889	0.788	0.886	0.924	0.921	0.867	0.806	0.729	0.798
2003	1.253	1.245	1.178	1.051	0.925	1.050	1.109	1.105	1.067	0.965	0.874	0.957
2004	1.544	1.534	1.466	1.347	1.248	1.348	1.391	1.387	1.348	1.257	1.174	1.247
2005	1.966	1.954	1.857	1.747	1.652	1.746	1.801	1.797	1.732	1.654	1.560	1.641
2006	2.274	2.265	2.215	2.070	1.981	2.071	2.084	2.082	2.077	1.940	1.869	1.933
2007	2.502	2.494	2.415	2.328	2.181	2.317	2.313	2.309	2.267	2.172	2.070	2.156
2008	2.928	2.921	2.851	2.726	2.650	2.726	2.736	2.733	2.716	2.573	2.518	2.568
2009	2.062	2.054	2.014	1.927	1.802	1.918	1.845	1.841	1.843	1.750	1.664	1.738
2010	2.489	2.478	2.443	2.329	2.172	2.318	2.264	2.259	2.270	2.155	2.069	2.143
2011	3.230	3.219	3.105	3.035	2.864	3.018	3.016	3.008	2.939	2.851	2.758	2.841
2012	3.316	3.299	3.194	3.116	3.094	3.116	3.098	3.083	3.024	2.887	2.843	2.886
2013	3.231	3.213	3.011	3.059	3.004	3.049	2.997	2.977	2.825	2.775	2.755	2.774
2014	3.063	3.043	2.901	2.885	2.794	2.875	2.800	2.778	2.736	2.589	2.535	2.587
2015	2.216	2.210	2.085	2.016	1.812	1.999	1.869	1.869	1.899	1.663	1.599	1.663
2016	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	2.338	2.331	2.002	1.973	1.792	1.961	1.876	1.876	1.821	1.643	1.622	1.646
2018												
January	2.479	2.468	2.118	2.121	1.956	2.106	2.010	2.009	1.931	1.809	1.801	1.811
February	2.493	2.482	2.176	2.086	1.943	2.078	1.997	1.996	1.980	1.766	1.838	1.777
March	2.510	2.502	2.298	2.154	1.954	2.146	2.022	2.021	2.097	1.827	1.789	1.829
April	2.683	2.676	2.484	2.337	2.141	2.325	2.197	2.196	2.278	1.993	1.936	1.994
May	2.867	2.852	2.632	2.487	2.273	2.476	2.380	2.377	2.431	2.145	2.083	2.145
June	2.848	2.832	2.570	2.425	2.201	2.404	2.348	2.345	2.383	2.074	2.064	2.079
July	2.828	2.814	2.522	2.439	2.224	2.422	2.335	2.333	2.332	2.102	2.050	2.102
August	2.814	2.798	2.477	2.418	2.185	2.403	2.317	2.314	2.280	2.077	2.043	2.079
September	2.810	2.796	2.526	2.420	2.222	2.409	2.315	2.313	2.318	2.091	2.042	2.091
October	2.823	2.806	2.617	2.366	2.188	2.363	2.300	2.297	2.406	2.025	2.056	2.035
November	2.583	2.565	2.373	2.010	1.778	2.007	2.038	2.035	2.164	1.665	1.667	1.675
December	2.322	2.306	2.133	1.745	1.533	1.744	1.784	1.782	1.930	1.428	1.449	1.440
2018	2.676	2.663	2.413	2.260	2.066	2.249	2.173	2.171	2.213	1.922	1.919	1.928
2019												
January	2.192	2.179	1.961	1.704	1.493	1.691	1.674	1.672	1.772	1.402	1.396	1.409
February	2.279	2.266	1.982	1.842	1.666	1.831	1.801	1.798	1.781	1.552	1.483	1.552
March	2.483	2.472	2.207	2.125	1.955	2.118	2.002	1.999	2.001	1.821	1.709	1.817
April	2.781	2.768	2.575	2.359	2.227	2.357	2.295	2.292	2.366	2.030	1.991	2.035
May	2.821	2.803	2.661	2.353	2.160	2.352	2.314	2.311	2.438	2.007	1.951	2.012
June	2.697	2.674	2.395	2.169	1.936	2.162	2.175	2.170	2.187	1.821	1.759	1.826
July	2.726	2.706	2.387	2.279	2.143	2.275	2.227	2.222	2.168	1.915	1.834	1.917
August	2.601	2.580	2.275	2.114	1.908	2.107	2.091	2.086	2.057	1.750	1.703	1.755
September	2.607	2.586	2.333	2.134	2.011	2.135	2.085	2.080	2.098	1.771	1.676	1.773
October	2.608	2.586	2.509	2.130	1.890	2.129	2.076	2.071	2.259	1.763	1.626	1.766
November	2.568	2.547	2.353	2.095	1.876	2.091	2.026	2.022	2.132	1.737	1.618	1.738
December	2.559	2.536	W	2.005	1.795	1.994	2.035	2.030	1.978	1.694	1.609	1.694
2019	2.584	2.565	2.324	2.117	1.896	2.110	2.072	2.068	2.109	1.778	1.684	1.779
2020												
January	2.528	2.504	2.138	1.988	1.826	1.982	2.001	1.995	1.934	1.665	W	1.668
February	2.421	2.399	2.146	W	1.741	1.916	1.890	1.886	1.930	1.587	W	1.590
March	2.223	2.216	1.768	W	1.179	1.388	1.667	1.663	1.560	1.041	W	1.054
April	1.857	1.850	W	0.869	0.648	0.858	1.291	1.286	0.971	0.567	0.538	0.572
May	1.964	1.960	W	1.299	0.949	1.285	1.446	1.443	1.240	0.992	0.749	0.984
June	2.143	2.142	1.733	1.577	1.229	1.555	1.629	1.626	1.523	1.260	1.059	1.256
July	2.208	2.207	1.813	W	1.334	1.635	1.665	1.664	1.612	1.322	W	1.324
August	2.194	2.193	1.829	W	1.337	1.637	1.654	1.653	1.625	1.328	W	1.329

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 2019 are final.

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

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

million gallons per day

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	29.7	31.2	36.1	113.5	22.8	172.4	7.6	7.8	10.1	14.6	0.1	24.8
1995	24.0	25.3	19.4	105.1	26.0	150.5	6.0	6.3	5.1	13.6	0.1	18.7
1996	24.1	25.4	17.8	108.5	27.1	153.4	5.7	5.9	4.4	12.9	NA	17.3
1997	25.0	26.4	16.4	110.9	26.4	153.7	5.7	5.9	3.9	12.7	W	16.6
1998	25.4	26.6	13.7	112.0	28.8	154.5	6.0	6.1	3.4	12.5	W	15.8
1999	25.0	26.0	13.4	117.4	24.9	155.8	5.9	6.0	3.1	12.2	-	15.3
2000	26.0	27.1	12.8	125.7	23.9	162.4	4.9	5.0	2.3	10.8	-	13.1
2001	26.6	27.4	12.0	128.5	24.0	164.5	4.6	4.7	1.9	10.2	-	12.0
2002	27.2	28.0	11.3	127.9	31.0	170.2	4.7	4.8	1.6	10.4	-	11.9
2003	27.5	28.3	10.3	131.1	32.4	173.8	4.3	4.4	1.2	10.0	-	11.2
2004	26.5	27.3	9.7	136.7	36.1	182.5	3.5	3.6	0.9	9.8	-	10.8
2005	27.4	28.3	9.0	140.1	36.4	185.5	3.1	3.2	0.7	10.8	-	11.5
2006	28.9	29.8	7.3	143.7	37.4	188.4	2.9	2.9	0.5	9.3	-	9.7
2007	29.6	30.2	7.4	150.3	43.0	200.7	2.6	2.6	0.5	10.3	-	10.8
2008	28.9	29.8	7.1	144.5	39.5	191.1	2.1	2.2	0.4	9.9	-	10.3
2009	26.5	27.8	6.6	147.0	35.9	189.5	1.9	1.9	0.3	9.1	-	9.4
2010	24.9	26.2	5.9	147.6	37.1	190.7	1.7	1.7	0.2	8.7	-	8.9
2011	21.3	22.4	5.4	147.3	26.3	179.0	1.3	1.3	0.1	7.4	-	7.5
2012	14.4	15.7	5.0	149.0	21.7	175.8	0.9	0.9	0.1	7.2	-	7.4
2013	11.6	13.0	6.2	149.9	18.8	174.9	0.7	0.7	0.1	5.7	-	5.8
2014	11.1	12.5	4.3	154.9	16.8	176.0	0.6	0.6	0.1	2.1	-	2.3
2015	14.0	14.3	3.9	160.7	16.8	181.4	0.8	0.8	0.1	1.9	-	2.0
2016	14.1	14.3	4.1	163.4	15.8	183.3	0.9	0.9	0.1	1.7	-	1.8
2017	13.3	13.5	3.9	165.5	13.0	182.4	0.8	0.8	0.1	1.5	-	1.6
2018												
January	12.2	12.4	3.5	153.8	13.7	171.0	0.7	0.7	0.1	1.2	-	1.3
February	12.8	13.0	3.6	159.4	15.6	178.6	0.7	0.7	0.1	1.2	-	1.3
March	13.0	13.2	3.7	165.6	17.0	186.2	0.8	0.8	0.1	1.3	-	1.4
April	12.8	13.0	3.6	165.1	17.8	186.4	0.7	0.8	0.1	1.3	-	1.4
May	12.9	13.2	3.5	172.6	18.7	194.9	0.7	0.8	0.1	1.4	-	1.5
June	13.4	13.7	3.6	174.3	17.4	195.4	0.8	0.8	0.1	1.4	-	1.5
July	13.0	13.2	3.7	171.6	14.7	189.9	0.7	0.8	0.1	1.4	-	1.5
August	13.5	13.8	3.7	174.3	12.3	190.3	0.8	0.8	0.1	1.4	-	1.5
September	12.9	13.2	3.5	164.7	18.0	186.2	0.7	0.8	0.1	1.3	-	1.4
October	13.2	13.5	3.5	170.0	13.7	187.1	0.7	0.7	0.1	1.2	-	1.3
November	13.4	13.6	3.4	167.7	12.9	184.0	0.7	0.8	0.1	1.2	-	1.3
December	12.9	13.2	3.4	162.8	10.8	177.0	0.7	0.7	0.1	1.2	-	1.2
2018	13.0	13.3	3.5	166.9	15.2	185.6	0.7	0.8	0.1	1.3	-	1.4
2019												
January	12.4	12.7	3.2	155.9	14.8	173.9	0.7	0.7	0.1	1.1	-	1.2
February	12.6	12.9	3.3	159.1	13.0	175.3	0.7	0.7	0.1	1.1	-	1.2
March	13.0	13.3	3.5	166.0	12.3	181.9	0.7	0.7	0.1	1.2	-	1.2
April	13.0	13.3	3.5	169.9	12.3	185.7	0.7	0.7	0.1	1.2	-	1.3
May	13.4	13.7	3.5	173.2	11.2	187.9	0.7	0.8	0.1	1.4	-	1.4
June	13.3	13.6	3.5	173.5	8.0	185.0	0.7	0.8	0.1	1.3	-	1.4
July	13.3	13.6	3.6	175.5	7.7	186.8	0.7	0.8	0.0	1.4	-	1.4
August	13.9	14.2	3.6	177.6	8.6	189.8	0.8	0.8	0.0	1.3	-	1.4
September	13.0	13.3	3.4	168.5	9.2	181.0	0.7	0.7	0.0	1.2	-	1.2
October	13.2	13.6	3.4	172.7	9.7	185.9	0.7	0.7	0.0	1.1	-	1.2
November	13.0	13.3	3.3	168.6	10.2	182.1	0.7	0.7	0.0	1.1	-	1.1
December	12.6	12.8	W	164.5	W	179.5	0.7	0.7	0.0	1.1	-	1.1
2019	13.1	13.4	3.4	168.8	10.7	183.0	0.7	0.7	0.1	1.2	-	1.3
2020												
January	12.3	12.6	3.1	W	W	171.6	0.7	0.7	W	W	-	1.1
February	12.6	12.9	W	163.1	W	175.4	0.7	0.7	W	W	-	1.1
March	10.2	10.4	W	144.8	W	155.0	0.6	0.6	W	W	-	1.1
April	6.9	7.0	W	111.8	W	117.4	0.4	0.4	0.0	0.8	-	0.9
May	8.6	8.8	W	134.0	W	143.6	0.5	0.5	0.0	1.0	-	1.0
June	10.5	10.6	2.7	157.1	6.9	166.7	0.6	0.7	0.0	1.2	-	1.2
July	11.3	11.4	W	160.8	W	168.7	0.7	0.7	W	W	-	1.3
August	11.2	11.3	W	160.0	W	168.9	0.7	0.7	W	W	-	1.2

See footnotes at end of table.

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

million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	8.5	8.9	16.5	28.0	2.8	47.2	45.8	47.9	62.7	156.0	25.8	244.5
1995	6.2	6.4	7.7	25.1	2.9	35.6	36.2	38.0	32.1	143.8	28.9	204.8
1996	4.9	5.1	5.8	22.5	2.5	30.8	34.7	36.5	28.1	143.8	29.6	201.5
1997	4.8	5.0	5.1	21.9	2.5	29.5	35.4	37.2	25.4	145.6	28.9	199.8
1998	5.5	5.7	4.7	W	2.7	31.9	36.9	38.5	21.8	148.9	31.5	202.2
1999	5.0	5.2	4.3	24.1	3.8	32.2	35.9	37.2	20.8	153.7	28.7	203.3
2000	3.7	3.9	3.1	18.6	2.8	24.5	34.7	35.9	18.2	155.1	26.7	200.0
2001	3.7	3.8	2.8	18.7	2.7	24.1	35.0	36.0	16.7	157.4	26.7	200.7
2002	3.8	4.0	2.6	19.1	3.0	24.7	35.8	36.8	15.5	157.4	34.0	206.9
2003	3.4	3.5	2.1	17.5	2.4	21.9	35.1	36.3	13.6	158.6	34.8	207.0
2004	2.6	2.8	1.6	15.8	1.7	19.2	32.6	33.7	12.3	162.3	37.8	212.4
2005	2.3	2.4	1.4	14.4	1.9	17.7	32.8	33.8	11.0	165.4	38.2	214.6
2006	2.1	2.2	1.1	13.9	1.7	16.6	33.9	35.0	8.8	166.8	39.1	214.7
2007	2.1	2.2	1.1	14.4	2.0	17.4	34.3	35.0	9.0	175.0	44.9	228.9
2008	1.8	1.9	0.9	11.7	1.5	14.2	32.9	33.9	8.4	166.2	41.0	215.6
2009	1.7	1.8	0.9	12.9	1.8	15.6	30.0	31.5	7.8	169.0	37.7	214.5
2010	1.5	1.6	0.8	13.5	1.7	15.9	28.2	29.5	6.9	169.8	38.8	215.5
2011	1.2	1.3	0.7	12.6	1.8	15.1	23.8	25.1	6.2	167.3	28.1	201.6
2012	1.0	1.1	0.7	13.2	2.4	16.2	16.3	17.7	5.8	169.5	24.1	199.4
2013	0.8	0.9	0.8	14.0	2.4	17.2	13.1	14.5	7.1	169.6	21.2	197.9
2014	0.7	0.8	0.7	15.1	2.1	17.9	12.5	14.0	5.1	172.1	18.9	196.2
2015	1.1	1.1	0.7	16.8	1.8	19.4	15.9	16.2	4.8	179.4	18.6	202.8
2016	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	1.0	1.0	0.8	17.8	1.5	20.0	15.1	15.3	4.8	184.7	14.5	204.0
2018												
January	0.9	0.9	0.7	15.9	1.7	18.3	13.8	14.1	4.3	170.9	15.4	190.6
February	0.9	0.9	0.7	16.5	1.6	18.8	14.4	14.7	4.4	177.1	17.2	198.8
March	1.0	1.0	0.8	17.6	1.3	19.7	14.7	15.0	4.5	184.4	18.3	207.3
April	0.9	1.0	0.7	17.5	1.8	20.1	14.5	14.7	4.4	184.0	19.6	208.0
May	1.0	1.0	0.7	19.0	1.6	21.4	14.6	14.9	4.4	193.0	20.4	217.8
June	1.0	1.0	0.8	18.5	2.5	21.8	15.1	15.4	4.4	194.3	19.9	218.6
July	1.0	1.0	0.8	18.9	1.9	21.7	14.7	15.0	4.5	191.9	16.6	213.1
August	1.0	1.0	0.8	19.1	1.5	21.4	15.3	15.6	4.5	194.8	13.9	213.2
September	1.0	1.0	0.7	17.8	1.5	20.0	14.6	14.9	4.3	183.8	19.5	207.5
October	0.9	1.0	0.7	17.6	1.5	19.8	14.9	15.2	4.3	188.9	15.1	208.3
November	0.9	1.0	0.7	17.4	1.4	19.5	15.1	15.4	4.2	186.3	14.3	204.8
December	0.9	1.0	0.7	17.1	1.5	19.4	14.6	14.9	4.2	181.1	12.3	197.7
2018	1.0	1.0	0.7	17.8	1.7	20.2	14.7	15.0	4.4	185.9	16.9	207.2
2019												
January	0.9	0.9	0.7	16.4	2.0	19.0	14.0	14.3	3.9	173.4	16.8	194.1
February	0.9	1.0	0.7	16.7	1.8	19.2	14.2	14.5	4.0	176.8	14.8	195.7
March	1.0	1.0	0.7	17.5	1.1	19.3	14.7	15.0	4.3	184.7	13.4	202.4
April	1.0	1.0	0.7	17.9	1.5	20.1	14.7	15.0	4.3	189.1	13.7	207.1
May	1.0	1.0	0.7	18.7	1.3	20.8	15.1	15.4	4.3	193.3	12.5	210.1
June	1.0	1.1	0.8	19.1	1.4	21.2	15.1	15.5	4.3	194.0	9.3	207.6
July	1.0	1.1	0.8	19.9	1.2	21.9	15.1	15.4	4.4	196.8	8.9	210.1
August	1.1	1.1	0.8	20.0	1.3	22.2	15.8	16.2	4.5	198.9	9.9	213.4
September	1.0	1.1	0.7	19.0	1.2	20.9	14.8	15.1	4.2	188.7	10.3	203.2
October	1.0	1.0	0.7	18.8	1.3	20.8	15.0	15.3	4.2	192.6	11.0	207.9
November	0.9	1.0	0.7	18.0	1.2	20.0	14.7	15.0	4.1	187.7	11.4	203.2
December	0.9	0.9	W	18.0	W	20.4	14.2	14.5	4.0	183.6	13.3	201.0
2019	1.0	1.0	0.7	18.4	1.4	20.5	14.8	15.1	4.2	188.4	12.1	204.7
2020												
January	0.9	0.9	0.7	17.1	1.4	19.3	13.8	14.1	W	176.7	W	191.9
February	0.9	1.0	0.7	W	W	19.5	14.2	14.6	W	181.9	W	196.0
March	0.8	0.8	0.6	W	W	18.1	11.6	11.8	W	162.1	W	174.1
April	0.6	0.6	W	13.1	W	14.8	7.9	8.0	2.1	125.7	5.2	133.0
May	0.8	0.8	W	16.9	W	18.4	10.0	10.1	2.9	152.0	8.2	163.0
June	0.9	1.0	0.7	19.8	1.7	22.1	12.1	12.2	3.4	178.0	8.6	190.0
July	1.0	1.0	0.7	W	W	22.3	13.0	13.1	W	182.6	W	192.3
August	1.0	1.0	0.8	W	W	22.3	12.8	13.0	W	181.8	W	192.4

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

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

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. Sales to end users Year month Sales for resale - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2019 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	0.80	0.752	0.642	0.601	0.686	0.895	0.892	0.807	0.676	NA	0.767
2000	1.126	1.123	1.058	0.978	0.953	1.012	1.219	1.217	1.114	1.014	-	1.085
2001	1.059	1.056	1.001	0.893	0.856	0.938	1.166	1.163	1.061	0.942	-	1.027
2002	0.946	0.944	0.906	0.834	0.779	0.861	1.052	1.050	0.988	0.875	-	0.958
2003	1.196	1.192	1.168	1.006	0.962	1.069	1.293	1.290	1.224	1.047	-	1.165
2004	1.472	1.470	1.447	1.299	1.248	1.353	1.572	1.570	1.494	1.340	-	1.436
2005	1.850	1.848	1.787	1.682	1.619	1.711	1.945	1.944	1.834	1.726	-	1.789
2006	2.166	2.164	2.097	2.002	1.885	2.030	2.275	2.274	2.170	2.078	-	2.129
2007	2.362	2.360	2.288	2.186	2.175	2.221	2.490	2.489	2.368	2.256	-	2.316
2008	2.812	2.810	2.703	2.553	2.642	2.607	2.934	2.934	2.788	2.652	-	2.721
2009	1.927	1.925	1.878	1.770	1.782	1.806	2.066	2.066	1.981	1.855	-	1.914
2010	2.342	2.339	2.265	2.159	2.141	2.188	2.485	2.485	2.362	2.229	-	2.280
2011	3.089	3.085	2.973	2.874	2.831	2.895	3.233	3.233	3.062	2.954	-	2.990
2012	3.219	3.212	3.111	2.956	2.947	2.988	3.372	3.372	3.213	3.047	-	3.098
2013	3.110	3.101	2.948	2.830	2.869	2.856	3.268	3.268	3.066	2.939	-	2.979
2014	2.946	2.938	2.784	2.614	2.663	2.647	3.111	3.111	2.920	2.746	-	2.788
2015	2.159	2.158	2.174	1.728	1.775	1.807	2.404	2.404	2.321	1.892	-	1.989
2016	1.808	1.807	1.762	1.433	1.462	1.490	2.047	2.047	1.913	1.579	-	1.655
2017	2.048	2.047	2.009	1.672	1.717	1.729	2.303	2.303	2.164	1.815	-	1.891
2018												
January	2.183	2.182	2.116	1.829	1.907	1.878	2.437	2.437	2.305	1.973	-	2.049
February	2.247	2.246	2.211	1.795	1.888	1.866	2.534	2.534	2.389	1.954	-	2.053
March	2.284	2.282	2.300	1.892	1.948	1.961	2.572	2.572	2.505	2.059	-	2.160
April	2.416	2.415	2.458	2.060	2.132	2.129	2.684	2.684	2.626	2.217	-	2.313
May	2.591	2.590	2.591	2.227	2.246	2.287	2.849	2.849	2.734	2.366	-	2.447
June	2.576	2.575	2.544	2.141	2.174	2.208	2.840	2.840	2.653	2.271	-	2.354
July	2.522	2.522	2.489	2.141	2.160	2.199	2.781	2.781	2.641	2.272	-	2.355
August	2.500	2.499	2.446	2.093	2.127	2.153	2.764	2.764	2.600	2.220	-	2.301
September	2.512	2.511	2.532	2.106	2.171	2.179	2.791	2.791	2.708	2.259	-	2.360
October	2.569	2.568	2.652	2.048	2.167	2.152	2.873	2.873	2.799	2.233	-	2.361
November	2.375	2.373	2.373	1.682	1.813	1.799	2.713	2.713	2.462	1.857	-	1.997
December	2.164	2.163	2.140	1.504	1.548	1.610	2.496	2.496	2.265	1.695	-	1.825
2018	2.417	2.416	2.409	1.964	2.029	2.039	2.699	2.699	2.562	2.126	-	2.224
2019												
January	2.038	2.036	2.049	1.494	1.527	1.584	2.355	2.355	2.207	1.689	-	1.807
February	2.088	2.086	2.109	1.639	1.684	1.718	2.380	2.380	2.326	1.841	-	1.956
March	2.258	2.256	2.280	1.902	1.918	1.965	2.538	2.538	2.479	2.083	-	2.173
April	2.710	2.709	2.778	2.200	2.336	2.300	2.979	2.979	2.988	2.414	-	2.547
May	2.779	2.771	2.796	2.156	2.187	2.260	3.059	3.059	2.964	2.330	-	2.462
June	2.593	2.586	2.538	1.927	1.886	2.025	2.871	2.871	2.716	2.084	-	2.219
July	2.538	2.532	2.448	1.998	1.992	2.070	2.807	2.807	2.658	2.148	-	2.249
August	2.427	2.421	2.342	1.809	1.814	1.896	2.732	2.732	2.534	1.986	-	2.096
September	2.400	2.393	2.489	1.845	1.979	1.954	2.748	2.748	2.723	2.091	-	2.223
October	2.543	2.534	2.789	1.870	2.122	2.026	2.955	2.955	3.023	2.145	-	2.344
November	2.462	2.455	2.581	1.795	1.916	1.926	2.823	2.822	2.779	2.038	-	2.214
December	2.319	2.313	2.288	1.743	W	1.834	2.652	2.652	2.490	1.936	-	2.067
2019	2.433	2.428	2.462	1.869	1.925	1.967	2.744	2.744	2.657	2.071	-	2.200
2020												
January	2.296	2.289	2.291	1.746	W	1.839	2.616	2.616	W	W	-	2.108
February	2.241	2.234	2.254	1.671	W	1.771	2.569	2.569	W	1.907	-	2.053
March	2.086	2.084	1.895	1.105	W	1.231	2.466	2.466	W	1.318	-	1.494
April	1.731	1.728	1.306	0.661	W	0.763	2.102	2.102	1.519	0.840	-	1.005
May	1.766	1.764	1.491	1.077	W	1.147	2.060	2.060	1.732	1.246	-	1.358
June	1.906	1.904	1.759	1.309	1.382	1.383	2.207	2.207	1.967	1.454	-	1.560
July	1.936	1.934	1.832	R1.380	W	1.452	2.254	2.254	W	1.510	-	1.617
August	1.964	1.962	1.894	1.382	W	1.463	2.295	2.295	W	1.530	-	1.662

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	1.10	1.096	1.034	0.909	0.859	0.966
2002	1.124	1.119	1.046	0.930	0.832	0.991	0.987	0.985	0.944	0.851	0.785	0.891
2003	1.366	1.362	1.292	1.099	1.028	1.201	1.233	1.229	1.197	1.021	0.969	1.097
2004	1.655	1.652	1.574	1.399	1.348	1.489	1.510	1.507	1.474	1.313	1.257	1.378
2005	2.031	2.029	1.912	1.791	1.766	1.847	1.883	1.881	1.812	1.697	1.635	1.733
2006	2.369	2.367	2.239	2.149	2.004	2.183	2.202	2.20	2.125	2.020	1.906	2.055
2007	2.601	2.599	2.468	2.367	2.346	2.415	2.404	2.402	2.322	2.208	2.192	2.250
2008	3.003	3.001	2.845	2.70	2.826	2.772	2.845	2.843	2.728	2.569	2.659	2.629
2009	2.177	2.174	2.067	1.968	1.899	2.011	1.971	1.969	1.913	1.793	1.791	1.834
2010	2.587	2.584	2.446	2.343	2.247	2.380	2.386	2.383	2.299	2.182	2.150	2.215
2011	3.334	3.331	3.145	3.067	2.940	3.090	3.132	3.128	3.003	2.898	2.837	2.921
2012	3.478	3.473	3.288	3.201	3.175	3.225	3.265	3.259	3.143	2.986	2.961	3.020
2013	3.371	3.365	3.132	3.103	3.071	3.110	3.160	3.152	2.982	2.866	2.882	2.892
2014	3.206	3.202	2.949	2.867	2.642	2.886	3.005	2.996	2.818	2.648	2.661	2.682
2015	2.516	2.516	2.357	2.066	2.145	2.144	2.242	2.240	2.214	1.777	1.799	1.860
2016	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	2.468	2.468	2.243	1.974	1.960	2.043	2.143	2.142	2.064	1.717	1.747	1.781
2018												
January	2.602	2.602	2.368	2.106	2.170	2.175	2.275	2.274	2.175	1.869	1.936	1.926
February	2.703	2.703	2.458	2.088	2.146	2.185	2.348	2.347	2.269	1.838	1.915	1.917
March	2.738	2.738	2.566	2.185	2.224	2.283	2.386	2.385	2.361	1.935	1.975	2.013
April	2.855	2.855	2.695	2.350	2.393	2.442	2.511	2.510	2.513	2.102	2.167	2.180
May	3.008	3.008	2.819	2.500	2.549	2.582	2.683	2.682	2.643	2.267	2.275	2.335
June	3.000	3.000	2.756	2.412	2.404	2.500	2.669	2.668	2.593	2.181	2.198	2.254
July	2.942	2.942	2.720	2.426	2.412	2.501	2.615	2.615	2.542	2.183	2.184	2.247
August	2.925	2.925	2.685	2.362	2.329	2.445	2.594	2.593	2.501	2.133	2.149	2.200
September	2.953	2.953	2.779	2.393	2.411	2.494	2.611	2.610	2.589	2.148	2.204	2.230
October	3.051	3.051	2.882	2.352	2.445	2.491	2.673	2.672	2.705	2.093	2.213	2.206
November	2.881	2.881	2.573	1.980	2.033	2.133	2.489	2.487	2.419	1.726	1.840	1.853
December	2.664	2.664	2.356	1.798	1.810	1.942	2.279	2.278	2.191	1.548	1.584	1.665
2018	2.864	2.864	2.641	2.249	2.277	2.351	2.516	2.515	2.463	2.006	2.058	2.090
2019												
January	2.532	2.532	2.280	1.780	1.801	1.908	2.151	2.149	2.103	1.536	1.562	1.637
February	2.550	2.550	2.371	1.930	1.927	2.042	2.194	2.192	2.171	1.683	1.719	1.772
March	2.706	2.706	2.537	2.186	2.151	2.274	2.360	2.359	2.339	1.944	1.950	2.016
April	3.165	3.165	3.028	2.511	2.722	2.646	2.810	2.808	2.835	2.246	2.385	2.356
May	3.238	3.229	3.027	2.481	2.587	2.617	2.878	2.871	2.848	2.204	2.222	2.317
June	3.042	3.034	2.782	2.249	2.194	2.379	2.692	2.685	2.594	1.975	1.923	2.082
July	2.977	2.971	2.720	2.329	2.297	2.424	2.635	2.630	2.510	2.047	2.036	2.128
August	2.903	2.895	2.611	2.146	2.175	2.261	2.535	2.529	2.404	1.860	1.865	1.956
September	2.923	2.914	2.775	2.211	2.354	2.352	2.523	2.516	2.555	1.901	2.031	2.020
October	3.140	3.128	3.058	2.248	2.453	2.445	2.680	2.671	2.849	1.927	2.185	2.095
November	3.018	3.009	2.834	2.152	2.190	2.314	2.585	2.578	2.638	1.850	1.972	1.991
December	2.841	2.834	W	2.056	2.008	2.177	2.435	2.429	2.349	1.791	1.837	1.892
2019	2.918	2.913	2.715	2.194	2.219	2.323	2.543	2.538	2.520	1.918	1.966	2.026
2020												
January	2.805	2.796	2.589	2.085	2.096	2.211	2.409	2.402	2.359	1.798	W	1.901
February	2.756	2.747	2.542	W	W	2.135	2.357	2.350	2.320	1.722	W	1.833
March	2.618	2.617	2.154	W	W	1.600	2.213	2.211	1.955	1.156	W	1.294
April	2.280	2.280	W	0.944	W	1.098	1.864	1.862	1.370	0.704	0.706	0.819
May	2.237	2.237	W	1.367	W	1.472	1.884	1.883	1.566	1.124	1.184	1.205
June	2.380	2.379	2.048	1.601	1.530	1.706	2.023	2.021	1.830	1.357	1.411	1.441
July	2.429	2.429	2.137	W	W	R1.777	2.057	2.056	1.909	R1.429	W	1.511
August	2.473	2.472	2.205	W	W	1.792	2.090	2.089	1.973	1.430	W	1.523

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 2019 are final.

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

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

million gallons per day

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	0.6	0.6	2.1	1.6	0.6	4.3	0.2	0.2	0.7	0.3	W	1.0
1995	7.8	8.1	20.7	W	W	43.3	3.0	3.1	7.4	3.1	-	10.5
1996	10.7	11.1	26.1	20.5	8.0	54.6	3.3	3.4	7.9	3.3	W	11.3
1997	13.4	13.8	28.0	21.7	7.6	57.3	3.6	3.7	7.9	3.1	W	11.0
1998	14.3	14.5	28.6	23.0	8.3	59.9	3.7	3.8	7.4	3.1	W	10.5
1999	14.5	14.8	29.8	26.1	9.6	65.5	3.6	3.7	7.0	3.1	NA	10.2
2000	15.5	15.9	32.1	29.1	8.5	69.6	3.3	3.4	6.2	2.6	-	8.8
2001	16.3	16.7	32.7	30.0	9.0	71.7	3.3	3.3	5.7	2.2	-	7.9
2002	16.9	17.2	33.1	30.4	8.2	71.7	3.3	3.3	5.6	2.1	-	7.6
2003	17.7	18.0	30.9	35.1	7.6	73.6	3.1	3.1	4.1	2.0	-	6.1
2004	16.2	16.5	29.5	39.7	6.1	75.3	2.6	2.6	3.3	2.0	-	5.2
2005	17.1	17.4	27.5	43.5	9.5	80.4	2.6	2.6	2.5	1.8	-	4.2
2006	17.7	18.0	26.8	45.7	3.4	75.9	2.5	2.5	1.9	1.5	-	3.4
2007	17.4	17.6	26.7	45.4	3.8	75.9	2.4	2.4	1.6	1.3	-	2.9
2008	16.6	16.9	25.4	48.1	4.2	77.7	2.0	2.0	1.1	1.1	-	2.2
2009	14.0	14.3	25.8	49.8	3.4	79.0	1.7	1.7	1.0	1.1	-	2.1
2010	11.7	11.9	23.1	54.5	4.2	81.9	1.3	1.3	0.7	1.2	-	1.9
2011	10.8	11.1	19.5	57.6	4.2	81.3	1.2	1.2	0.5	1.1	-	1.6
2012	9.2	9.5	17.4	60.3	4.0	81.7	1.0	1.0	0.5	1.0	-	1.5
2013	7.6	7.9	16.5	59.3	3.5	79.3	0.9	0.9	0.4	1.0	-	1.4
2014	5.5	5.7	14.6	62.0	2.1	78.8	0.7	0.7	0.3	0.9	-	1.2
2015	6.8	6.8	14.1	63.5	2.8	80.3	0.9	0.9	0.2	0.8	-	1.1
2016	6.7	6.7	13.9	64.6	3.1	81.6	0.9	0.9	0.2	0.8	-	1.0
2017	6.7	6.8	13.4	65.0	2.6	81.0	0.9	0.9	0.2	0.6	-	0.8
2018												
January	6.3	6.3	12.5	62.1	2.7	77.3	0.8	0.8	0.2	0.5	-	0.7
February	6.5	6.5	13.3	64.9	3.3	81.4	0.9	0.9	0.2	0.5	-	0.7
March	6.8	6.8	13.7	65.8	3.4	82.8	0.9	0.9	0.2	0.5	-	0.7
April	6.8	6.8	13.9	65.9	2.8	82.6	0.9	0.9	0.2	0.5	-	0.7
May	6.9	7.0	13.8	67.6	2.8	84.1	0.9	0.9	0.2	0.6	-	0.7
June	7.2	7.2	13.8	67.8	3.0	84.5	0.9	0.9	0.2	0.6	-	0.7
July	7.1	7.1	13.6	65.6	3.6	82.8	0.9	0.9	0.2	0.6	-	0.7
August	7.2	7.2	14.0	67.5	3.2	84.7	1.0	1.0	0.2	0.6	-	0.7
September	7.0	7.0	13.6	65.3	2.7	81.7	0.9	0.9	0.1	0.5	-	0.7
October	7.1	7.1	13.5	66.1	2.3	81.9	0.9	0.9	0.1	0.5	-	0.6
November	6.9	6.9	13.2	65.5	2.3	81.0	0.9	0.9	0.1	0.5	-	0.6
December	6.9	6.9	13.2	64.4	2.7	80.2	0.9	0.9	0.1	0.4	-	0.6
2018	6.9	6.9	13.5	65.7	2.9	82.1	0.9	0.9	0.2	0.5	-	0.7
2019												
January	6.5	6.5	12.5	62.3	3.0	77.7	0.9	0.9	0.1	0.4	-	0.5
February	6.6	6.6	13.2	63.8	2.9	79.8	0.9	0.9	0.1	0.4	-	0.5
March	6.8	6.9	13.2	63.8	2.8	79.8	0.9	0.9	0.1	0.4	-	0.5
April	6.7	6.8	13.6	65.7	2.5	81.8	0.9	0.9	0.1	0.4	-	0.6
May	6.8	6.9	13.4	66.5	3.1	83.0	0.9	0.9	0.1	0.5	-	0.6
June	7.0	7.0	13.5	67.2	2.9	83.6	0.9	0.9	0.1	0.5	-	0.6
July	6.9	6.9	13.2	65.8	2.3	81.3	0.9	0.9	0.1	0.5	-	0.6
August	7.1	7.2	13.7	68.3	2.5	84.4	0.9	0.9	0.1	0.5	-	0.6
September	6.4	6.5	13.4	66.5	2.4	82.3	0.9	0.9	0.1	0.5	-	0.6
October	6.4	6.4	13.3	66.2	1.6	81.1	0.8	0.8	0.1	0.4	-	0.5
November	6.6	6.6	13.1	65.4	1.5	79.9	0.8	0.8	0.1	0.4	-	0.5
December	6.5	6.6	W	63.3	W	77.8	0.8	0.8	0.1	0.4	-	0.5
2019	6.7	6.8	13.2	65.4	2.4	81.0	0.9	0.9	0.1	0.4	-	0.5
2020												
January	6.4	6.4	12.7	W	W	75.6	0.8	0.8	W	W	-	0.4
February	6.4	6.5	W	62.8	W	78.0	0.8	0.8	W	W	-	0.4
March	4.9	4.9	W	51.4	W	63.6	0.7	0.7	W	W	-	0.3
April	3.2	3.2	W	37.2	W	45.8	0.4	0.4	0.1	0.2	-	0.2
May	3.9	3.9	W	45.6	W	56.1	0.6	0.6	0.1	0.2	-	0.3
June	4.9	4.9	10.5	53.9	1.4	65.8	0.7	0.7	0.1	0.3	-	0.4
July	5.3	5.4	W	R55.7	W	66.9	0.8	0.8	W	W	-	0.4
August	5.5	5.5	W	57.3	W	69.0	0.8	0.8	W	W	-	0.4

See footnotes at end of table.

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

million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	0.2	0.2	1.2	0.5	0.2	1.9	1.0	1.0	4.0	2.4	0.8	7.2
1995	3.1	3.2	12.0	W	W	18.9	14.0	14.4	40.1	25.9	6.6	72.6
1996	3.1	3.2	11.7	5.3	1.5	18.6	17.0	17.6	45.7	29.2	9.6	84.5
1997	3.4	3.5	11.5	5.3	1.5	18.2	20.3	21.0	47.4	30.1	9.1	86.6
1998	3.8	3.9	12.2	W	1.6	19.8	21.8	22.2	48.2	32.0	9.9	90.1
1999	3.4	3.5	11.4	6.3	1.9	19.6	21.5	22.0	48.2	35.6	11.5	95.2
2000	3.0	3.1	9.6	5.4	1.9	16.8	21.9	22.4	47.9	37.0	10.4	95.2
2001	3.2	3.2	9.2	5.4	1.1	15.7	22.7	23.3	47.7	37.6	10.0	95.3
2002	3.4	3.5	9.5	5.6	1.1	16.3	23.6	24.1	48.2	38.0	9.3	95.6
2003	3.5	3.6	8.5	5.9	1.0	15.3	24.2	24.7	43.5	43.0	8.6	95.1
2004	3.1	3.1	7.4	6.0	0.6	14.1	21.9	22.3	40.2	47.7	6.7	94.6
2005	2.8	2.8	6.5	6.0	1.2	13.6	22.6	22.9	36.4	51.2	10.6	98.3
2006	2.7	2.7	5.9	5.9	0.7	12.5	22.9	23.2	34.6	53.1	4.1	91.8
2007	2.6	2.7	5.8	5.9	0.4	12.1	22.4	22.7	34.0	52.6	4.3	90.9
2008	2.4	2.4	5.0	5.4	0.4	10.8	21.0	21.3	31.5	54.6	4.6	90.8
2009	2.3	2.3	5.3	6.1	0.3	11.8	17.9	18.3	32.1	57.1	3.7	92.9
2010	1.9	1.9	4.9	7.4	0.4	12.7	14.9	15.2	28.8	63.1	4.7	96.5
2011	1.7	1.7	3.9	7.7	0.2	11.8	13.7	13.9	23.9	66.4	4.4	94.7
2012	1.5	1.5	3.5	8.4	0.3	12.1	11.7	12.0	21.4	69.7	4.3	95.4
2013	1.4	1.4	3.5	8.7	0.2	12.4	9.9	10.2	20.5	69.0	3.7	93.1
2014	1.2	1.2	3.5	9.4	0.2	13.0	7.5	7.7	18.4	72.3	2.3	93.0
2015	1.5	1.5	3.8	10.4	0.2	14.4	9.2	9.2	18.1	74.7	3.0	95.8
2016	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	1.5	1.5	4.1	11.2	0.4	15.7	9.2	9.2	17.6	76.9	3.0	97.5
2018												
January	1.3	1.3	3.8	10.4	0.3	14.5	8.4	8.5	16.4	73.1	3.1	92.5
February	1.4	1.4	3.9	10.8	0.4	15.2	8.7	8.7	17.4	76.3	3.6	97.3
March	1.5	1.5	3.9	11.2	0.4	15.5	9.2	9.2	17.8	77.5	3.8	99.0
April	1.4	1.4	4.1	11.1	0.4	15.7	9.1	9.1	18.2	77.6	3.2	99.0
May	1.5	1.5	4.0	11.5	0.3	15.8	9.3	9.4	17.9	79.6	3.1	100.6
June	1.5	1.5	4.0	11.4	0.4	15.7	9.6	9.7	17.9	79.7	3.3	100.9
July	1.5	1.5	4.0	11.1	0.4	15.5	9.5	9.5	17.8	77.2	4.0	99.0
August	1.6	1.6	4.1	11.4	0.4	15.9	9.7	9.7	18.2	79.4	3.6	101.3
September	1.5	1.5	4.0	11.1	0.4	15.6	9.4	9.5	17.8	76.9	3.1	97.9
October	1.5	1.5	3.9	11.0	0.5	15.4	9.5	9.5	17.6	77.5	2.7	97.9
November	1.5	1.5	3.9	11.1	0.3	15.3	9.2	9.3	17.3	77.1	2.6	97.0
December	1.5	1.5	4.0	11.1	0.4	15.5	9.3	9.3	17.3	75.9	3.1	96.3
2018	1.5	1.5	4.0	11.1	0.4	15.5	9.3	9.3	17.6	77.3	3.3	98.2
2019												
January	1.5	1.5	3.8	10.6	0.4	14.8	8.8	8.9	16.4	73.3	3.4	93.0
February	1.5	1.5	3.9	11.1	0.5	15.5	9.0	9.0	17.2	75.3	3.4	95.9
March	1.6	1.6	3.9	11.0	0.4	15.3	9.3	9.3	17.2	75.2	3.2	95.6
April	1.4	1.4	3.9	11.2	0.4	15.5	9.1	9.1	17.6	77.4	2.9	97.8
May	1.4	1.5	3.8	11.4	0.3	15.5	9.2	9.2	17.3	78.4	3.4	99.1
June	1.5	1.5	3.9	11.6	0.4	16.0	9.4	9.5	17.6	79.3	3.3	100.2
July	1.5	1.5	3.8	11.5	0.4	15.7	9.3	9.4	17.1	77.8	2.7	97.6
August	1.6	1.6	4.0	12.0	0.4	16.4	9.6	9.7	17.8	80.8	2.9	101.4
September	1.5	1.5	3.9	11.8	0.4	16.1	8.8	8.9	17.5	78.7	2.8	98.9
October	1.4	1.4	3.7	11.6	0.4	15.7	8.6	8.7	17.1	78.2	2.0	97.4
November	1.4	1.4	3.7	11.6	0.4	15.7	8.8	8.9	16.9	77.4	1.8	96.1
December	1.4	1.4	W	11.3	W	15.4	8.8	8.9	16.8	74.9	1.9	93.6
2019	1.5	1.5	3.9	11.4	0.4	15.6	9.1	9.1	17.2	77.2	2.8	97.2
2020												
January	1.4	1.4	3.7	10.8	0.4	14.9	8.6	8.7	W	72.1	W	90.9
February	1.4	1.4	3.9	W	W	15.5	8.7	8.8	W	74.4	W	94.0
March	1.1	1.1	3.1	W	W	12.8	6.7	6.7	W	61.1	W	76.8
April	0.8	0.8	W	6.6	W	9.1	4.4	4.4	9.5	44.0	1.7	55.1
May	1.0	1.0	W	8.7	W	12.0	5.5	5.5	12.3	54.6	1.5	68.4
June	1.2	1.2	3.4	10.6	0.3	14.3	6.8	6.9	14.0	64.8	1.7	80.5
July	1.3	1.3	3.5	W	W	R14.8	7.4	7.5	W	R67.1	W	82.1
August	1.4	1.4	3.6	W	W	15.3	7.6	7.6	W	69.2	W	84.7

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 2019 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
1994	0.401	0.345	0.330	0.287	0.352	0.317
1995	0.436	0.383	0.377	0.338	0.392	0.363
1996	0.526	0.456	0.433	0.389	0.455	0.420
1997	0.488	0.415	0.403	0.366	0.423	0.387
1998	0.354	0.299	0.287	0.269	0.305	0.280
1999	0.405	0.382	0.362	0.329	0.374	0.354
2000	0.708	0.627	0.566	0.512	0.602	0.566
2001	0.642	0.523	0.492	0.428	0.531	0.476
2002	0.640	0.546	0.544	0.508	0.569	0.530
2003	0.804	0.728	0.651	0.588	0.698	0.661
2004	0.835	0.764	0.692	0.601	0.739	0.681
2005	1.168	1.115	0.974	0.842	1.048	0.971
2006	1.342	1.202	1.173	1.085	1.218	1.136
2007	1.436	1.406	1.350	1.314	1.374	1.350
2008	2.144	1.918	1.889	1.843	1.964	1.866
2009	1.413	1.337	1.306	1.344	1.341	1.342
2010	1.920	1.756	1.619	1.679	1.713	1.697
2011	2.736	2.389	2.257	2.316	2.401	2.336
2012	3.025	2.548	2.433	2.429	2.592	2.457
2013	2.883	2.363	2.353	2.249	2.482	2.278
2014	2.694	2.153	2.221	1.996	2.325	2.044
2015	1.529	0.971	1.227	0.999	1.285	0.996
2016	1.138	0.736	0.897	0.746	0.945	0.745
2017	W	1.112	1.237	1.117	1.287	1.116
2018						
January	W	1.301	1.476	1.311	1.507	1.310
February	W	1.221	1.415	1.325	1.490	1.319
March	W	1.227	1.386	1.306	1.452	1.302
April	W	1.311	1.438	1.349	1.504	1.348
May	W	1.462	1.615	1.501	1.667	1.500
June	W	1.487	1.643	1.558	1.731	1.553
July	W	1.543	1.709	1.583	1.767	1.581
August	W	1.499	1.680	1.552	1.764	1.549
September	W	1.520	1.696	1.561	1.761	1.560
October	W	1.620	1.816	1.703	1.875	1.700
November	W	1.360	1.731	1.562	1.827	1.556
December	W	1.252	1.467	1.295	1.608	1.293
2018	W	1.397	1.587	1.466	1.662	1.463
2019						
January	W	1.626	1.417	1.326	1.425	1.357
February	W	1.808	1.553	1.458	1.568	1.508
March	W	W	1.606	1.542	1.639	1.581
April	W	W	1.648	1.549	1.685	1.577
May	W	W	1.607	1.502	1.635	1.505
June	W	W	1.527	1.367	1.601	1.372
July	W	1.455	1.572	1.492	1.625	1.489
August	W	1.331	1.345	1.235	1.466	1.247
September	W	W	1.511	1.325	1.560	1.337
October	W	1.535	1.393	1.188	1.543	1.263
November	W	1.681	1.364	1.220	1.594	1.353
December	W	1.758	1.543	1.460	1.745	1.597
2019	W	1.649	1.510	1.391	1.584	1.428
2020						
January	W	1.788	1.634	1.526	1.939	1.675
February	W	1.673	1.557	1.336	1.735	1.540
March	W	1.188	1.146	0.993	1.371	1.121
April	W	0.796	0.942	0.639	0.976	0.733
May	W	0.792	0.727	NA	0.817	0.775
June	W	1.018	0.894	1.013	0.949	1.017
July	W	1.153	0.981	R1.089	1.071	R1.137
August	W	1.189	1.026	1.068	1.224	1.135

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 2019 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
1994	4.2	6.6	9.3	6.2	13.5	12.8
1995	2.9	7.7	8.7	5.9	11.6	13.6
1996	3.1	6.3	9.8	7.4	12.9	13.8
1997	3.2	4.8	10.3	6.7	13.4	11.5
1998	3.9	5.7	10.5	9.6	14.4	15.4
1999	3.9	5.3	10.0	6.2	13.9	11.5
2000	3.3	4.9	9.8	5.6	13.1	10.5
2001	3.8	5.2	11.0	5.1	14.8	10.3
2002	2.7	5.1	7.8	3.7	10.4	8.8
2003	3.3	3.5	7.4	3.2	10.7	6.7
2004	3.4	2.9	6.8	3.0	10.2	5.9
2005	4.0	2.2	6.4	2.5	10.4	4.7
2006	2.8	2.8	7.6	3.6	10.4	6.5
2007	3.1	3.2	7.8	5.0	10.9	8.2
2008	2.5	2.9	5.9	6.6	8.4	9.5
2009	2.8	2.9	5.7	6.9	8.5	9.8
2010	2.4	2.6	5.2	8.1	7.6	10.7
2011	1.9	3.4	4.5	8.8	6.4	12.2
2012	1.5	2.1	4.0	6.8	5.5	8.8
2013	1.3	2.3	3.9	6.7	5.2	9.0
2014	1.0	2.4	3.6	5.6	4.6	8.0
2015	0.8	0.9	3.3	7.1	4.0	8.1
2016	0.8	0.8	3.3	7.6	4.2	8.4
2017	W	0.5	W	6.6	4.0	7.1
2018						
January	W	0.4	W	8.5	3.7	8.9
February	W	0.4	W	7.2	3.6	7.7
March	W	0.4	W	7.0	3.6	7.4
April	W	0.3	W	6.7	3.5	7.0
May	W	0.4	W	8.0	3.2	8.4
June	W	0.6	W	7.4	3.0	8.1
July	W	0.5	W	6.8	3.5	7.3
August	W	0.5	W	7.1	3.2	7.6
September	W	0.2	W	7.6	3.6	7.8
October	W	0.2	W	7.0	3.8	7.3
November	W	0.2	W	6.5	3.4	6.7
December	W	0.5	W	6.8	3.5	7.3
2018	W	0.4	W	7.2	3.5	7.6
2019						
January	W	0.8	W	7.0	2.8	7.9
February	W	1.1	W	6.5	2.3	7.6
March	W	W	W	W	2.2	6.9
April	W	W	W	W	2.4	9.3
May	W	W	W	W	2.0	7.4
June	W	W	W	W	3.3	7.7
July	W	0.4	W	6.1	2.8	6.5
August	W	1.0	W	7.3	2.6	8.4
September	W	W	W	W	3.2	7.5
October	W	1.7	W	6.1	2.8	7.7
November	W	2.1	W	5.2	2.4	7.2
December	W	2.8	W	3.3	2.1	6.1
2019	W	1.1	W	6.4	2.6	7.5
2020						
January	W	3.9	W	3.0	1.8	6.9
February	W	4.7	W	3.1	2.4	7.8
March	W	5.1	W	2.7	2.0	7.9
April	W	5.2	W	3.5	2.3	8.7
May	W	3.9	W	1.8	1.6	5.8
June	W	4.4	W	1.3	1.8	5.7
July	W	3.3	W	R1.1	2.0	R4.4
August	W	2.4	W	1.9	1.7	4.4

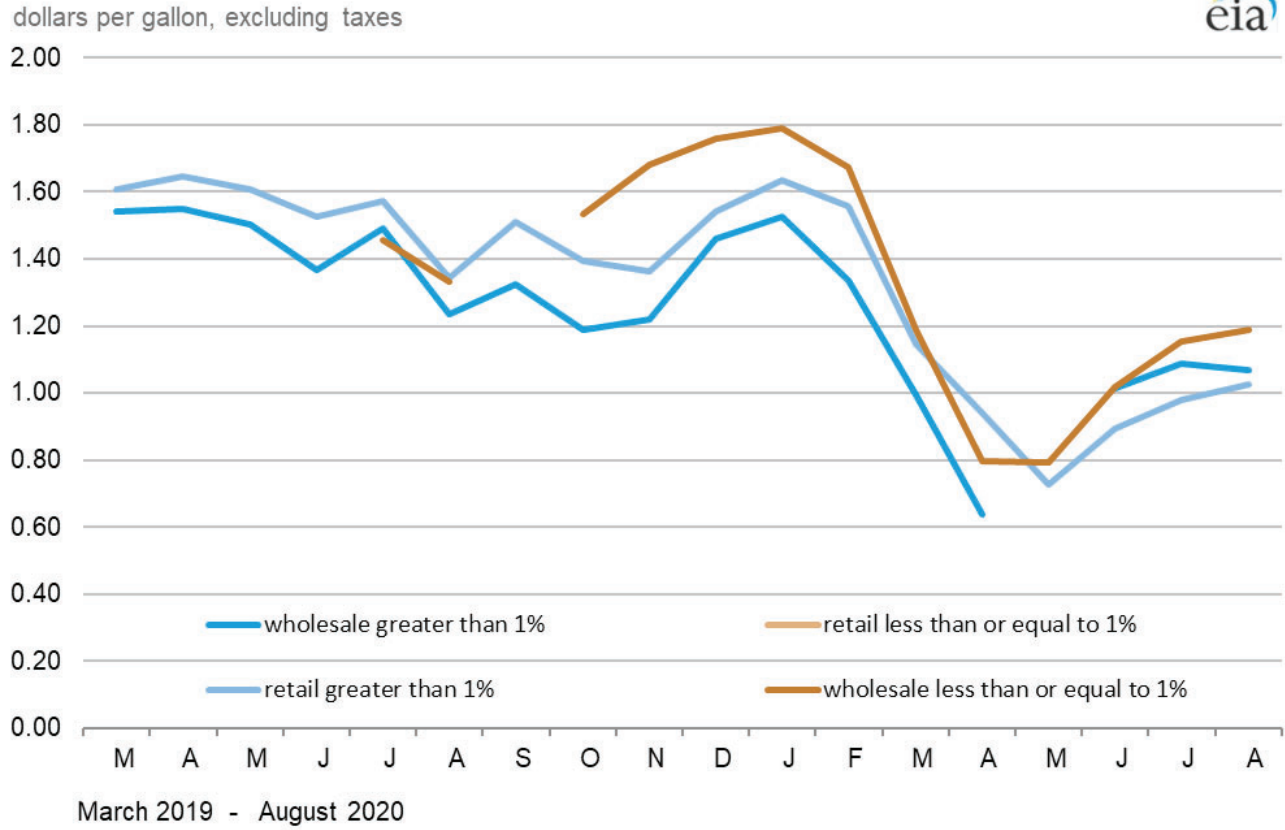
NA = Not available.

R = Revised data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2019 are final. Totals may not equal the sum of the components due to rounding.

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

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



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

Crude Oil Prices

Table 18. Domestic crude oil first purchase prices

dollars per barrel

Year month	U.S. Average		PAD District 1				PAD District 2						
	U.S. Average	Less AK North Slope	Average	NY	PA	WV	Average	IL	IN	KS	KY	MI	NE
1997	17.23	17.92	19.25	18.49	18.79	17.56	18.60	19.11	18.73	18.63	17.97	18.75	18.10
1998	10.87	11.51	13.21	13.66	13.67	11.95	12.29	12.78	12.49	12.19	11.67	12.39	11.50
1999	15.56	16.38	17.36	18.65	18.49	16.46	17.27	17.37	17.31	17.08	16.68	16.63	17.21
2000	26.72	27.48	28.12	28.78	28.80	27.12	28.49	28.14	27.91	28.16	26.47	28.12	27.97
2001	21.84	22.77	23.98	24.19	24.82	22.35	23.95	23.76	23.46	23.56	22.53	22.69	23.67
2002	22.51	23.33	23.94	24.28	24.86	22.55	24.05	23.84	23.43	23.61	22.49	23.68	23.62
2003	27.56	28.47	29.12	28.91	29.60	28.06	29.24	29.10	28.38	28.68	27.21	29.18	28.63
2004	36.77	37.63	39.08	39.40	39.48	38.38	39.40	38.74	38.18	39.18	36.82	39.14	38.42
2005	50.28	51.02	53.84	54.64	54.57	53.75	53.33	51.20	51.02	53.41	49.45	53.67	52.38
2006	59.69	60.22	63.99	63.51	64.02	63.07	60.48	59.70	59.31	60.74	58.33	60.89	57.77
2007	66.52	67.04	69.00	69.46	70.00	67.27	67.16	65.66	65.47	66.85	63.60	66.87	62.78
2008	94.04	94.72	96.60	W	96.76	95.07	92.51	93.48	91.92	92.08	90.87	95.75	87.99
2009	56.35	56.65	56.56	W	56.96	55.77	55.00	55.47	55.65	54.41	55.24	56.39	50.93
2010	74.71	75.04	71.74	W	69.80	70.74	72.45	73.18	72.82	72.43	70.63	74.91	69.65
2011	95.73	95.35	90.77	W	87.16	86.56	89.38	88.73	88.15	88.52	86.00	92.40	85.48
2012	94.52	94.11	91.19	W	88.41	87.16	86.29	88.74	88.62	87.85	87.02	90.91	84.95
2013	95.99	96.00	92.45	W	89.84	91.26	91.64	92.94	93.04	91.85	91.17	96.50	87.44
2014	87.39	87.45	82.20	W	80.07	82.46	85.01	87.66	87.88	86.80	86.61	89.46	82.82
2015	44.39	44.58	37.65	W	38.98	33.72	42.44	43.97	44.51	43.16	45.38	45.38	40.10
2016	38.29	38.64	34.88	W	38.50	31.11	37.62	38.85	38.97	37.87	39.95	43.07	36.22
2017	48.05	48.23	44.96	W	45.93	43.34	47.39	47.02	46.76	45.95	47.33	51.51	44.33
2018													
January	62.25	62.38	57.79	W	57.76	55.46	61.44	59.93	59.72	59.00	60.42	64.33	57.40
February	61.18	61.36	56.69	W	56.82	54.52	59.67	58.47	58.26	57.64	58.91	62.81	56.04
March	60.68	60.82	57.27	W	57.73	55.69	59.65	59.18	58.89	58.35	59.75	63.48	56.78
April	63.50	63.58	60.40	W	61.22	58.72	63.04	62.62	62.27	61.75	62.83	67.51	60.07
May	66.16	66.14	64.27	W	65.17	62.09	66.36	66.19	65.96	65.35	66.52	70.94	63.82
June	62.80	62.70	62.48	W	62.30	60.46	63.75	63.75	63.46	62.73	63.99	68.40	61.12
July	67.00	66.96	66.20	W	65.40	63.59	68.09	67.27	67.03	66.47	67.66	71.55	64.67
August	62.64	62.49	61.95	W	62.18	60.36	65.82	64.25	64.03	63.74	64.66	68.89	61.78
September	63.54	63.20	64.38	W	64.32	62.46	67.31	66.57	66.24	65.75	66.85	71.17	63.95
October	65.18	64.92	65.27	W	64.94	63.33	67.58	67.11	66.84	66.29	67.52	70.37	64.63
November	55.65	55.57	52.11	W	51.17	50.13	52.46	53.30	53.14	52.46	54.58	56.28	50.76
December	47.63	47.47	43.98	W	43.42	41.67	40.58	45.30	45.10	44.30	45.45	48.47	42.05
2018	61.40	61.35	59.41	W	59.52	57.30	61.15	61.24	60.98	60.45	61.84	65.51	58.61
2019													
January	48.00	47.66	46.09	W	45.91	43.93	46.06	48.07	47.82	46.96	48.30	50.98	44.76
February	52.60	52.30	49.49	W	49.40	47.13	51.79	51.68	51.35	50.52	51.72	54.39	48.29
March	57.46	57.29	52.74	W	52.25	49.93	54.85	54.69	54.41	53.53	54.84	57.44	51.55
April	63.00	62.95	58.23	W	58.22	55.38	60.94	60.39	60.11	59.25	60.49	63.23	57.32
May	59.73	59.54	55.96	W	55.50	53.64	57.61	57.40	57.19	56.52	57.64	60.18	54.59
June	54.34	54.21	49.61	W	49.53	46.60	51.56	54.56	56.78	50.40	53.48	54.15	48.31
July	56.47	56.39	52.84	W	52.64	50.37	54.01	52.62	51.59	53.00	53.95	56.86	50.99
August	53.63	53.69	49.33	W	49.07	47.49	51.21	52.96	53.52	50.39	51.64	54.15	48.39
September	55.14	55.12	50.74	W	51.43	48.91	52.80	52.20	51.50	52.24	52.52	56.37	50.28
October	53.14	53.11	50.99	W	51.06	48.76	49.51	52.21	52.70	49.79	50.81	53.01	47.53
November	54.96	54.84	50.17	W	51.06	48.48	52.53	51.98	51.01	52.76	52.13	56.08	50.64
December	58.41	58.36	52.74	W	53.71	50.71	56.31	54.92	53.94	55.50	54.97	58.81	53.36
2019	55.59	55.48	51.49	W	51.70	49.17	53.24	53.68	53.50	52.58	53.60	56.32	50.50
2020													
January	56.86	56.88	52.18	W	51.33	51.36	54.31	55.74	55.94	53.68	54.12	56.54	51.24
February	50.03	50.14	44.61	W	44.23	43.13	47.10	51.94	53.46	47.66	48.98	49.40	44.16
March	31.80	31.63	25.36	W	24.12	24.62	28.28	27.30	27.13	26.48	26.55	28.07	24.22
April	15.99	16.23	12.23	W	11.81	12.26	12.74	16.22	16.29	14.40	16.64	15.73	11.81
May	18.09	17.92	16.78	W	20.38	13.47	19.03	25.65	24.92	22.80	24.33	27.89	20.50
June	33.53	33.94	23.19	W	31.97	16.80	34.92	35.02	34.78	33.51	34.32	37.55	31.58
July	37.55	37.98	31.31	W	32.90	31.14	37.03	37.39	37.25	36.38	36.07	37.29	34.28
August	39.41	39.64	32.59	W	35.24	32.68	38.20	38.91	38.65	37.89	37.52	38.75	35.92

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
	ND	OH	OK	SD	Average	AL	AR	LA	MS	NM	TX	Offshore Gulf
1997	17.63	17.77	19.05	17.80	18.69	18.58	17.58	19.22	16.94	19.02	18.66	18.63
1998	11.39	12.20	12.73	12.29	12.19	12.08	11.10	12.59	10.33	12.36	12.28	12.03
1999	16.70	16.41	17.77	16.86	17.07	16.71	15.89	17.73	15.42	17.46	17.29	16.66
2000	28.19	27.49	29.08	28.18	28.22	27.63	26.98	29.03	26.23	28.80	28.60	27.59
2001	23.55	22.55	24.68	23.89	23.43	23.18	21.82	24.51	21.13	23.72	23.41	23.29
2002	24.15	22.61	24.49	23.96	23.74	23.39	21.50	24.84	22.11	24.11	23.77	23.49
2003	29.27	28.18	29.72	28.94	29.08	28.97	26.57	30.52	27.46	29.52	29.13	28.72
2004	39.30	38.27	39.95	38.40	38.41	38.79	36.67	40.48	37.03	39.25	38.79	37.07
2005	52.38	53.47	54.46	50.65	51.96	53.26	50.86	54.05	49.58	52.84	52.61	49.78
2006	56.69	62.89	63.11	51.85	61.49	63.16	58.67	64.23	59.35	61.74	61.31	60.80
2007	65.30	68.09	69.31	62.78	68.37	71.10	64.25	71.63	68.65	68.94	68.30	67.40
2008	88.68	96.43	96.15	87.42	97.64	96.71	90.91	100.89	94.60	96.23	96.85	99.10
2009	53.75	56.35	56.56	50.75	57.77	55.25	53.07	59.18	58.29	57.08	57.40	58.22
2010	70.26	73.68	75.18	69.04	76.57	75.54	71.01	78.25	76.41	75.64	76.23	77.06
2011	88.74	90.79	90.94	87.08	96.79	105.99	87.61	106.20	100.43	90.93	91.99	105.65
2012	84.06	92.87	89.97	83.10	96.11	104.81	89.39	105.97	100.80	88.01	92.50	105.95
2013	90.22	94.89	94.25	89.28	97.53	103.10	92.98	105.18	100.44	92.13	95.80	103.29
2014	82.89	83.95	89.25	82.78	88.43	89.73	85.23	94.13	90.81	83.44	87.02	93.33
2015	41.42	38.40	44.96	42.73	45.61	44.55	43.04	48.43	46.81	44.40	44.95	47.67
2016	36.51	37.04	39.51	36.39	39.19	38.53	37.21	41.08	39.18	39.18	39.35	38.63
2017	47.04	46.14	48.41	45.60	48.50	48.34	44.60	50.37	48.06	47.90	48.57	48.46
2018												
January	61.75	59.25	61.50	59.18	62.57	63.85	57.22	65.57	63.42	61.57	62.87	61.88
February	59.65	58.01	60.22	57.96	61.89	62.04	55.97	63.51	61.25	60.85	61.78	62.60
March	58.98	58.65	61.01	58.64	61.07	60.42	56.82	62.69	60.29	60.51	61.22	60.85
April	62.48	62.01	64.37	61.65	63.53	63.69	59.74	65.82	63.41	62.86	63.84	62.81
May	65.72	65.45	67.83	65.31	65.64	67.75	62.52	69.99	67.39	63.02	65.38	67.34
June	63.01	62.82	65.35	62.37	61.79	66.92	59.79	68.65	66.31	55.59	60.18	68.51
July	67.85	66.20	69.08	66.09	66.33	73.20	64.46	74.52	72.38	60.02	65.14	71.30
August	65.31	62.95	67.58	64.32	61.08	66.46	61.44	68.81	66.25	54.43	59.40	67.61
September	66.76	65.10	68.91	64.57	61.32	70.34	63.86	71.80	69.46	52.97	59.54	69.46
October	67.14	65.85	68.92	64.92	63.33	72.92	65.67	74.03	72.26	54.87	61.44	71.93
November	51.24	52.20	54.95	49.68	56.19	59.77	51.81	60.82	59.35	48.55	52.93	67.76
December	37.06	44.18	46.74	38.89	49.25	51.44	43.90	52.47	51.20	43.59	46.59	58.94
2018	60.27	60.61	62.95	59.55	61.04	64.93	58.69	66.65	64.39	56.06	59.91	65.97
2019												
January	44.49	46.91	48.88	43.67	47.61	52.73	46.47	53.89	52.65	41.86	46.03	54.13
February	51.76	50.40	52.16	49.40	51.83	56.14	50.06	57.44	56.24	47.93	50.85	56.33
March	54.84	53.41	55.16	51.94	57.70	60.19	52.83	61.24	60.19	54.89	56.80	61.22
April	61.16	58.88	60.97	58.29	63.31	66.01	58.27	67.13	65.72	60.16	62.63	66.35
May	57.34	56.11	58.42	55.72	59.71	62.18	55.49	63.60	62.10	55.39	58.48	65.08
June	51.16	49.99	52.39	49.29	54.68	57.63	49.55	58.67	57.20	49.26	52.78	62.54
July	53.71	52.55	54.99	51.86	56.83	59.30	51.91	60.47	59.03	53.94	56.27	60.27
August	50.61	50.12	52.49	48.98	54.27	54.77	49.61	56.63	55.05	51.38	53.11	58.92
September	51.85	51.85	54.69	50.18	55.58	55.38	51.23	57.62	55.98	53.89	55.05	58.02
October	47.92	50.56	52.22	47.20	53.97	55.13	48.68	57.94	53.21	52.30	53.47	56.31
November	51.31	52.21	55.02	50.79	55.28	54.62	48.07	57.21	55.52	55.37	55.30	55.13
December	55.85	54.68	57.58	53.19	58.87	58.76	54.13	61.33	58.77	58.31	59.01	58.63
2019	52.60	52.30	54.60	50.91	55.85	57.73	51.40	59.47	57.65	53.01	55.04	59.46
2020												
January	53.65	52.77	55.78	50.88	57.47	56.23	52.23	59.04	56.07	56.55	57.63	57.52
February	46.18	46.02	48.60	43.81	51.00	49.17	45.05	51.70	49.68	49.47	50.42	53.70
March	28.64	25.86	28.14	23.66	32.79	28.68	24.67	31.15	28.75	29.89	31.74	38.06
April	11.76	13.61	14.28	10.05	17.01	12.59	12.74	16.12	14.14	15.40	16.25	20.37
May	18.03	20.90	19.96	10.31	17.12	18.03	22.15	20.97	20.80	17.25	17.06	16.97
June	35.98	31.96	33.77	33.96	33.60	34.52	32.59	36.55	36.08	33.62	34.11	31.76
July	36.80	34.06	37.87	34.80	38.17	36.19	35.46	39.15	37.76	37.73	38.32	37.96
August	37.66	37.26	39.51	36.11	39.99	38.23	36.80	40.66	39.95	39.87	39.81	41.02

See footnotes at end of table.

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

dollars per barrel

Year month	PAD District 4					PAD District 5				
	Average	CO	MT	UT	WY	Average	AK North Slope	AK Other	CA	Federal Offshore CA
1997	17.80	19.03	17.00	18.57	17.41	15.06	14.84	17.43	15.78	12.97
1998	11.38	12.56	11.28	12.52	10.70	8.80	8.47	11.55	9.55	6.99
1999	16.79	17.37	16.54	17.69	16.47	13.10	12.46	17.44	14.08	11.78
2000	27.60	28.85	27.82	28.53	26.89	24.16	23.62	28.23	24.82	23.32
2001	22.73	24.82	23.16	24.09	21.55	19.03	18.18	23.30	20.11	18.38
2002	23.01	25.29	22.76	23.87	21.96	20.39	19.37	24.47	21.87	19.03
2003	28.09	30.71	28.66	28.88	26.63	24.97	23.78	28.48	26.43	24.25
2004	37.34	40.38	38.53	39.35	35.10	33.69	33.03	38.76	34.47	32.23
2005	50.65	55.34	52.66	53.98	45.63	47.03	47.05	54.19	47.08	43.48
2006	57.38	63.80	56.69	59.70	53.25	57.03	56.86	64.10	57.34	53.37
2007	62.54	67.04	64.64	62.48	58.34	64.24	63.69	69.60	65.07	59.39
2008	88.23	90.80	89.96	86.58	86.07	90.16	90.10	95.04	90.47	85.68
2009	52.16	52.33	52.96	50.22	52.30	55.23	54.41	W	56.11	53.59
2010	69.72	72.75	70.24	68.09	68.10	73.29	72.33	W	74.51	69.80
2011	85.64	88.26	88.61	82.53	83.45	100.39	98.79	W	102.50	96.01
2012	82.91	85.78	82.98	82.73	80.70	101.33	98.70	W	104.10	97.04
2013	87.16	90.10	88.73	84.79	85.30	99.08	95.79	W	102.53	91.40
2014	80.92	82.48	80.54	79.04	80.54	89.30	86.41	W	92.14	80.55
2015	40.58	40.51	40.38	40.69	40.64	43.58	41.11	W	45.63	37.62
2016	36.68	37.81	35.40	36.92	35.98	35.68	33.13	W	37.96	W
2017	45.94	46.41	44.89	44.24	46.63	47.44	45.21	W	49.54	W
2018										
January	58.46	58.71	58.60	56.49	59.06	63.33	60.38	W	66.66	W
February	57.20	57.57	57.02	55.27	57.84	61.00	58.55	W	63.89	W
March	57.73	57.93	57.01	56.65	58.24	61.13	58.55	W	64.23	W
April	61.00	61.36	60.76	59.27	61.50	65.09	62.27	W	68.19	W
May	64.46	64.72	64.02	61.55	65.61	69.57	66.50	W	73.12	W
June	61.85	62.43	61.20	58.87	62.84	67.96	64.42	W	71.66	W
July	65.25	65.53	66.34	61.19	66.86	70.55	67.92	W	72.78	W
August	63.18	63.52	63.19	59.12	64.46	67.57	65.76	W	69.34	W
September	64.13	65.30	63.50	60.89	64.50	71.62	69.75	W	73.67	W
October	64.52	65.71	63.65	61.59	64.62	72.87	69.68	W	76.27	W
November	50.61	52.37	46.26	51.79	48.58	59.75	57.00	W	62.96	W
December	40.22	43.98	32.39	40.76	36.51	52.07	50.12	W	54.45	W
2018	59.05	59.87	58.03	56.85	59.35	65.03	62.21	W	68.12	W
2019										
January	44.13	45.47	42.10	43.26	43.17	55.24	53.34	W	57.72	W
February	49.04	48.83	49.85	46.26	50.28	59.73	56.99	W	63.29	W
March	51.87	51.84	52.56	47.97	53.26	62.44	60.17	W	65.34	W
April	58.16	58.06	58.12	54.70	59.70	66.53	63.91	W	69.74	W
May	54.70	54.57	54.65	50.87	56.36	65.13	62.64	W	68.42	W
June	48.69	48.59	48.18	47.75	49.33	58.91	56.56	W	61.87	W
July	51.46	51.45	51.12	48.43	52.41	60.32	57.87	W	63.17	W
August	48.66	48.73	48.50	46.37	49.54	55.63	52.22	W	58.53	W
September	50.56	51.18	50.34	47.81	51.00	57.94	55.37	W	61.24	W
October	47.74	48.13	45.82	46.81	48.00	56.16	53.66	W	59.55	W
November	50.53	50.39	49.67	49.59	51.20	58.93	56.76	W	62.10	W
December	52.93	53.51	52.43	49.82	53.52	61.27	59.08	W	64.51	W
2019	50.72	50.89	50.26	48.32	51.53	59.94	57.55	W	62.98	W
2020										
January	51.01	51.78	49.99	49.02	51.07	59.20	56.49	W	63.03	W
February	43.82	44.04	42.45	44.19	43.74	50.50	48.24	W	53.68	W
March	24.62	23.95	23.69	29.17	24.11	33.21	34.68	W	31.47	W
April	11.20	9.53	9.95	18.69	10.75	15.33	12.29	W	19.50	W
May	15.11	9.96	16.52	21.93	20.46	23.77	20.52	W	27.94	W
June	32.16	30.77	33.91	31.48	33.75	32.08	26.24	-	38.39	W
July	34.90	36.04	33.81	33.89	35.03	35.04	31.07	-	40.36	W
August	36.93	37.99	35.57	37.49	36.45	38.34	35.80	-	41.65	W

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - The actual domestic average price represents the average price at the lease (or wellhead) at which domestic crude oil is purchased. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2019 are final.

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

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

dollars per barrel

Year month	Alaska North Slope	California Kern River	California Midway-Sunset	Heavy Louisiana Sweet	Louisiana Light Sweet	Mars Blend	West Texas Intermediate	West Texas Sour	Wyoming Sweet
1997	14.84	15.02	14.88	-	-	-	19.27	17.77	-
1998	8.47	8.59	8.48	-	-	-	12.89	11.50	-
1999	12.46	14.02	12.22	-	-	-	17.78	16.66	-
2000	23.62	23.88	23.56	-	-	-	29.16	27.66	-
2001	18.18	19.03	19.50	-	-	-	24.62	22.10	-
2002	19.37	19.80	22.81	-	-	-	24.33	23.23	-
2003	23.78	25.24	26.67	-	-	-	29.60	28.18	30.11
2004	33.03	33.42	33.74	37.78	40.24	34.53	39.55	37.29	39.52
2005	47.05	44.67	45.93	51.61	51.95	46.13	53.90	50.72	53.94
2006	56.86	55.05	54.59	63.41	64.04	57.35	63.16	59.03	60.52
2007	63.69	62.14	61.62	70.00	72.93	63.37	69.59	65.56	64.79
2008	90.10	87.27	86.92	103.96	104.51	93.40	97.39	95.31	89.30
2009	54.41	53.94	53.00	58.61	61.26	57.21	57.27	56.63	51.68
2010	72.33	72.80	72.26	78.16	79.28	75.43	76.63	75.03	70.43
2011	98.79	103.14	100.96	106.74	108.48	105.30	92.18	90.77	87.42
2012	98.70	103.41	103.05	106.77	107.53	105.03	91.36	87.94	84.81
2013	95.79	101.33	101.02	105.73	106.32	100.80	95.26	92.51	90.10
2014	86.41	90.38	89.34	95.53	94.37	92.50	85.90	85.66	82.19
2015	41.11	44.71	43.81	47.83	47.91	46.27	44.58	45.78	41.77
2016	33.13	36.83	36.12	40.37	40.56	36.75	39.20	39.44	37.86
2017	45.21	48.33	48.04	50.27	49.52	46.89	48.50	48.25	47.80
2018									
January	60.38	W	65.50	65.56	64.79	60.92	62.31	61.81	60.77
February	58.55	W	62.39	64.20	62.96	61.01	61.65	60.57	59.97
March	58.55	W	63.02	62.74	61.42	59.01	61.26	59.87	60.36
April	62.27	W	66.84	66.31	64.53	61.13	63.51	63.08	63.33
May	66.50	W	71.58	70.60	68.53	66.02	64.38	63.04	66.74
June	64.42	W	70.21	69.52	67.74	66.96	58.10	56.17	63.95
July	67.92	W	71.30	74.47	74.25	69.89	62.70	60.71	68.17
August	65.76	W	68.14	68.71	67.92	65.96	57.09	55.20	65.75
September	69.75	W	72.66	72.26	71.04	68.04	56.48	53.38	66.02
October	69.68	75.65	75.09	74.66	74.59	71.58	58.15	56.03	66.18
November	57.00	62.12	61.52	64.08	61.60	65.37	50.96	48.80	50.84
December	50.12	53.48	53.03	56.89	53.38	55.95	44.95	46.61	38.09
2018	62.21	67.05	66.97	67.54	66.17	64.59	58.11	57.04	60.99
2019									
January	53.34	57.27	56.39	55.51	53.96	52.20	44.16	42.07	44.04
February	56.99	60.94	60.26	58.99	57.25	55.07	49.27	48.28	50.96
March	60.17	64.49	63.76	63.07	61.69	60.36	55.67	55.51	53.86
April	63.91	69.17	68.24	68.56	67.22	65.55	61.61	61.31	60.36
May	62.64	68.22	67.26	65.70	63.60	64.07	57.56	56.74	56.88
June	56.56	61.31	60.16	61.02	59.18	60.54	51.69	50.49	50.22
July	57.87	62.73	61.55	62.53	60.72	59.13	55.45	54.60	53.20
August	52.22	58.66	57.61	59.12	56.31	57.42	52.72	52.40	50.21
September	55.37	60.86	57.99	59.77	57.00	56.86	54.71	54.63	51.62
October	53.66	59.93	56.92	58.32	56.31	54.87	53.17	52.56	47.90
November	56.76	62.28	59.39	56.78	55.41	53.71	54.57	55.37	51.87
December	59.08	64.65	61.29	61.03	57.88	57.48	58.89	58.62	54.38
2019	57.55	62.57	61.00	60.92	58.88	58.14	54.14	53.51	52.21
2020									
January	56.49	63.23	60.51	58.07	55.77	55.49	57.98	56.73	52.01
February	48.24	53.93	50.70	53.19	47.72	50.53	50.68	49.74	45.03
March	34.68	31.47	28.50	35.95	32.33	32.29	33.21	30.79	24.97
April	12.29	W	16.53	18.45	16.39	15.22	17.57	15.83	11.05
May	20.52	W	26.82	15.85	19.86	17.35	17.37	15.63	22.08
June	26.24	W	37.47	31.85	36.86	33.26	34.20	34.92	33.96
July	31.07	W	39.89	36.01	38.43	38.43	38.57	37.03	34.98
August	35.80	W	40.60	39.99	40.81	41.33	40.10	39.09	36.53

- = No data reported.

R = Revised data.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2019 are final.

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

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

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 or greater
1997	15.44	16.27	14.87	18.38	18.62	19.26
1998	9.22	9.62	8.50	12.03	12.17	12.80
1999	14.00	15.30	12.50	16.92	17.18	17.64
2000	24.42	25.64	23.64	28.10	28.36	29.09
2001	19.53	19.59	18.18	23.31	23.99	24.43
2002	21.08	20.80	19.39	23.62	23.94	24.26
2003	25.82	25.56	23.80	28.77	29.21	29.66
2004	33.38	35.02	33.21	37.24	39.33	39.97
2005	45.01	46.33	47.09	50.81	53.14	54.06
2006	54.96	57.89	56.18	60.78	61.83	61.86
2007	62.00	64.94	62.83	67.14	69.29	69.17
2008	87.10	91.01	89.55	98.41	96.69	94.95
2009	54.05	55.66	54.30	57.66	56.93	56.66
2010	72.40	75.04	71.78	76.22	76.03	74.48
2011	101.30	103.07	97.12	99.65	94.54	91.87
2012	102.79	101.56	96.64	98.48	93.12	91.01
2013	99.40	100.70	94.13	99.11	96.24	94.76
2014	87.83	91.05	85.48	90.95	86.56	86.12
2015	43.88	45.71	40.73	46.82	44.67	43.65
2016	36.87	38.52	32.94	38.95	39.33	38.25
2017	48.74	49.77	45.08	48.40	48.64	48.44
2018						
January	66.17	66.46	60.05	62.38	62.47	63.07
February	62.89	63.48	58.18	61.52	61.70	61.30
March	63.44	64.34	58.17	60.30	61.35	60.69
April	67.34	67.64	61.91	63.23	63.78	63.74
May	72.16	71.97	66.28	66.19	65.06	66.58
June	70.88	70.43	64.18	63.35	59.38	63.23
July	72.00	72.24	67.59	67.62	63.90	68.35
August	68.66	68.70	65.42	62.83	58.61	63.76
September	73.09	72.27	69.25	63.74	58.26	65.14
October	75.76	75.18	69.22	66.28	59.85	66.45
November	62.33	61.42	56.41	59.04	51.61	53.90
December	53.77	52.74	49.57	52.45	45.09	44.52
2018	67.45	67.25	61.83	62.35	58.97	61.59
2019						
January	57.16	57.06	52.95	49.72	44.84	47.48
February	61.16	60.50	56.72	53.70	49.98	52.79
March	64.70	64.14	59.90	59.55	55.98	57.24
April	69.29	68.82	63.69	64.91	61.84	63.14
May	68.10	68.18	62.42	61.94	57.90	59.15
June	61.37	60.74	56.25	57.05	52.07	53.40
July	62.78	62.42	57.57	58.11	55.61	56.36
August	58.71	58.56	51.98	56.02	52.83	52.80
September	60.34	60.36	55.15	56.69	54.71	54.55
October	59.30	58.62	53.43	54.73	53.02	51.66
November	61.69	61.14	56.49	55.07	54.55	54.67
December	64.01	63.33	58.76	58.76	58.67	58.34
2019	62.43	62.03	57.27	57.20	54.35	55.12
2020						
January	62.86	61.73	56.16	56.47	57.62	56.25
February	53.45	52.84	47.92	50.97	50.33	48.88
March	31.20	31.18	34.22	32.74	32.58	28.62
April	19.11	18.77	12.23	16.36	17.23	13.79
May	27.48	27.74	20.53	16.69	17.89	18.35
June	37.99	38.53	26.44	33.74	34.39	35.29
July	39.84	39.61	31.16	37.53	38.43	37.95
August	41.36	41.53	35.80	40.36	39.98	39.41

R = Revised data.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2019 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									
	Angola	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela	Persian Gulf[b]	Total OPEC[c]	Non OPEC
1997	18.81	18.85	16.72	19.43	15.16	18.59	15.33	15.24	16.26	17.51
1998	12.11	12.56	10.49	12.97	8.87	12.52	9.31	9.09	10.20	11.21
1999	17.46	17.20	15.89	17.32	17.65	19.14	14.33	17.15	15.90	16.84
2000	27.90	29.04	25.39	28.70	24.62	27.21	24.45	24.72	25.56	26.77
2001	23.25	24.25	18.89	24.85	18.98	23.30	18.01	18.89	19.73	21.04
2002	24.09	24.64	21.60	25.38	23.92	24.50	20.13	23.38	22.18	22.93
2003	28.22	28.89	24.83	29.40	25.03	28.76	23.81	25.17	25.36	26.21
2004	37.26	37.73	31.55	38.71	34.08	37.30	31.78	33.08	33.95	33.58
2005	52.48	51.89	43.00	55.95	47.96	54.48	46.39	47.21	49.60	45.79
2006	62.23	59.77	52.91	65.69	56.09	66.03	55.80	56.02	59.18	55.35
2007	67.80	67.93	61.35	76.64	W	69.96	64.10	69.93	69.58	62.69
2008	95.66	91.17	84.61	102.06	93.03	96.33	88.06	91.44	93.15	87.15
2009	57.07	57.90	56.47	64.61	57.87	65.63	55.58	59.53	58.53	57.16
2010	78.18	72.56	72.46	80.83	76.44	W	70.30	75.65	75.23	73.24
2011	111.82	100.21	100.90	115.35	107.08	-	97.23	106.47	105.34	98.49
2012	111.23	106.43	101.84	114.51	106.65	-	100.15	105.45	104.39	95.71
2013	107.71	101.24	98.40	110.06	101.16	W	97.52	100.62	100.57	93.67
2014	W	80.75	86.55	W	95.60	-	84.51	94.03	89.76	82.95
2015	W	47.52	44.90	W	47.53	-	40.73	46.95	43.25	41.19
2016	42.68	35.28	36.22	46.20	39.30	W	34.71	38.76	38.51	34.81
2017	W	48.34	46.66	54.77	51.30	W	45.60	50.16	49.55	43.30
2018										
January	W	61.24	58.75	W	65.03	W	62.07	63.50	64.12	51.34
February	W	59.66	56.74	W	63.19	W	55.72	61.90	61.07	49.79
March	-	W	56.73	W	65.04	W	56.84	61.90	60.90	49.09
April	W	65.95	57.68	W	68.33	W	63.28	66.05	66.09	53.73
May	-	W	63.32	W	70.57	W	66.56	69.66	70.07	58.99
June	W	W	64.46	W	71.32	W	64.82	70.18	69.44	59.81
July	W	68.32	66.21	-	70.62	-	62.93	70.30	67.64	59.85
August	W	67.29	63.08	W	71.08	W	63.09	70.11	68.40	57.46
September	W	W	68.15	W	72.90	W	68.94	72.05	71.80	56.39
October	W	W	73.91	W	74.73	W	68.44	74.61	73.26	54.18
November	-	64.87	63.76	W	62.34	W	53.25	63.44	60.58	36.18
December	-	50.04	52.70	W	57.79	-	46.46	55.74	53.04	28.95
2018	74.44	62.51	62.75	71.41	68.23	71.65	61.25	66.55	65.61	51.41
2019										
January	-	53.27	54.81	W	W	W	48.25	58.54	54.94	46.13
February	-	56.59	58.52	W	W	W	W	62.58	63.09	51.63
March	-	61.28	60.66	W	67.34	W	-	65.62	65.95	55.66
April	-	67.09	63.13	W	70.60	70.45	-	68.89	70.54	59.56
May	W	65.40	62.16	70.81	W	69.74	-	65.97	67.80	59.17
June	W	61.09	58.75	W	W	W	-	62.67	63.28	51.82
July	W	W	58.93	W	W	W	-	62.08	63.82	52.32
August	-	59.37	50.72	W	59.24	W	-	57.90	59.51	50.47
September	-	W	56.73	W	60.27	W	-	58.79	59.66	51.05
October	-	W	51.74	W	W	W	-	56.42	58.30	48.81
November	-	59.42	51.24	W	60.69	W	-	58.47	60.86	49.22
December	-	58.95	55.23	-	63.59	W	-	61.63	61.72	50.26
2019	66.97	60.61	56.72	67.21	63.48	65.20	48.57	61.43	62.11	52.36
2020										
January	-	56.90	53.70	W	49.26	W	-	50.36	53.02	46.47
February	-	W	47.74	W	W	W	-	W	53.00	40.64
March	W	27.34	28.59	W	W	W	-	24.18	28.28	23.56
April	W	19.88	12.25	W	21.44	-	-	21.44	22.79	11.81
May	-	W	22.92	W	W	W	-	29.19	30.80	18.09
June	-	33.32	34.36	W	W	W	-	R40.84	R41.40	31.38
July	-	W	R37.95	W	W	-	-	40.13	41.35	R34.64
August	-	40.26	40.12	W	-	-	-	W	W	36.08

- = 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), Congo (Brazzaville) (June 2018–present), Ecuador (January 2008–April 2020), Equatorial Guinea (May 2017–present), Gabon (July 2016–present), Indonesia (1997–2008 and January 2016–November 2016), Iran, Iraq, Kuwait, Libya, Nigeria, Qatar (1997–2018), Saudi Arabia, United Arab Emirates, and Venezuela. Ecuador left OPEC effective January 1, 2020. Ecuador was included in the calculation of OPEC prices published in the PMM for January 2020 through April 2020. The affected data will be corrected when finalized 2020 crude oil price data are published in June 2021.

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 2019 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									Total OPEC[b]	Non OPEC
	Angola	Canada	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela	Persian Gulf[a]		
1997	20.24	17.63	19.71	17.30	20.64	17.52	20.64	16.35	17.44	17.73	18.45
1998	13.37	11.62	13.26	11.04	14.14	11.16	13.55	10.16	11.18	11.46	12.22
1999	18.37	17.54	18.09	16.12	17.63	17.48	18.26	15.58	17.37	16.94	17.51
2000	29.57	26.69	29.68	26.03	30.04	26.58	29.26	26.05	26.77	27.29	27.80
2001	25.13	20.72	25.88	19.37	26.55	20.98	25.32	19.81	20.73	21.52	22.17
2002	25.43	22.98	25.28	22.09	26.45	24.77	26.35	21.93	24.13	23.83	23.97
2003	30.14	26.76	30.55	25.48	31.07	27.50	30.62	25.70	27.54	27.70	27.68
2004	39.62	34.51	39.03	32.25	40.95	37.11	39.28	33.79	36.53	36.84	35.29
2005	54.31	44.73	53.42	43.47	57.55	50.31	55.28	47.87	49.68	51.36	47.31
2006	64.85	53.90	62.13	53.76	68.26	59.19	67.44	57.37	58.92	61.21	57.14
2007	71.27	60.38	70.91	62.31	78.01	70.78	72.47	66.13	69.83	71.14	63.96
2008	98.18	90.00	93.43	85.97	104.83	94.75	96.95	90.76	93.59	95.49	90.59
2009	61.32	57.60	58.50	57.35	68.01	62.14	63.87	57.78	62.15	61.90	58.58
2010	80.61	72.80	74.25	72.86	83.14	79.29	80.29	72.43	78.60	78.28	74.68
2011	114.05	89.92	102.57	101.21	116.43	108.83	118.45	100.14	108.01	107.84	98.64
2012	114.95	84.24	107.07	102.45	116.88	108.15	W	101.58	107.74	107.56	95.05
2013	110.81	84.41	103.00	99.06	112.87	102.60	111.23	99.34	102.53	102.98	91.99
2014	99.25	81.30	88.29	87.48	102.16	94.91	W	86.88	95.30	93.10	84.67
2015	51.73	41.99	49.53	45.51	54.70	49.78	W	42.87	49.43	47.44	44.09
2016	44.65	36.27	38.86	36.64	48.11	42.14	W	35.50	41.20	40.54	37.09
2017	54.17	44.93	50.60	47.73	56.48	52.56	56.11	47.02	51.42	51.26	46.67
2018											
January	66.55	51.17	63.25	59.86	69.15	64.81	W	62.79	63.83	64.78	54.69
February	W	48.27	62.55	57.37	69.60	65.30	68.19	55.98	63.21	62.93	53.05
March	70.27	47.01	63.59	56.99	70.59	66.77	W	57.72	63.72	63.53	51.07
April	W	52.22	66.34	58.62	W	69.44	73.82	63.62	67.09	66.95	56.32
May	W	58.19	70.63	64.03	79.38	71.28	W	67.45	70.85	71.50	61.72
June	76.28	58.57	70.64	65.38	W	72.17	72.88	65.81	71.49	70.65	62.95
July	75.55	59.00	71.20	66.82	W	72.56	-	63.67	71.62	70.54	62.54
August	75.45	56.78	68.79	64.18	W	72.85	72.41	64.12	71.64	70.48	60.79
September	75.83	52.35	73.88	69.79	W	72.56	W	70.73	72.26	72.45	58.76
October	W	47.96	74.22	74.76	W	73.75	W	69.31	72.24	72.19	57.15
November	-	28.06	66.20	64.52	68.03	65.87	W	55.70	64.99	63.30	38.56
December	-	21.62	54.71	53.89	62.21	60.39	W	48.93	58.67	57.11	30.89
2018	73.42	48.34	66.75	63.48	71.93	69.40	73.28	62.46	67.55	67.22	54.27
2019											
January	-	40.33	56.26	56.12	W	61.69	W	51.68	59.80	57.34	45.44
February	-	50.48	59.69	59.72	W	66.37	W	52.72	64.07	62.76	53.82
March	-	54.61	64.65	61.82	W	67.50	W	55.25	65.81	65.30	57.85
April	W	59.01	69.08	64.18	75.99	69.74	73.00	-	68.83	69.89	62.21
May	72.84	58.49	68.17	62.81	72.66	67.93	71.30	W	67.05	68.82	62.19
June	W	50.84	65.87	59.32	69.37	65.06	65.41	-	63.71	65.04	55.30
July	W	51.14	64.10	59.50	67.57	64.14	64.63	-	63.83	64.76	55.02
August	-	50.68	59.22	51.59	65.76	61.59	W	-	60.87	61.75	52.99
September	W	50.64	58.77	57.73	66.34	61.59	64.40	-	61.03	61.58	53.27
October	W	49.64	57.88	53.03	65.73	62.36	63.06	-	59.89	60.99	51.93
November	W	49.20	60.91	52.57	69.20	64.85	W	-	62.06	62.97	51.97
December	-	48.36	62.66	56.78	W	65.83	W	-	63.23	63.52	52.13
2019	68.58	51.10	62.83	57.96	68.78	64.86	66.65	52.36	63.27	63.41	54.65
2020											
January	-	45.70	62.93	55.93	W	53.68	W	-	55.30	57.36	49.70
February	-	39.83	54.16	49.62	62.07	52.48	W	-	52.65	54.24	42.80
March	W	23.47	35.15	29.42	W	23.94	W	-	27.04	29.04	25.97
April	30.93	13.34	23.24	13.73	W	22.33	W	-	22.78	23.66	14.91
May	W	17.45	28.61	24.35	W	28.84	W	-	29.99	30.70	20.75
June	-	34.85	33.13	35.04	W	R39.88	W	-	R40.56	R41.07	R35.20
July	-	R37.69	R37.60	R38.69	W	W	W	-	42.08	42.67	R38.34
August	-	39.05	41.81	40.85	W	W	-	-	43.02	43.41	40.00

- = 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), Congo (Brazzaville) (June 2018–present), Ecuador (January 2008–April 2020), Equatorial Guinea (May 2017–present), Gabon (July 2016–present), Indonesia (1997–2008 and January 2016–November 2016), Iran, Iraq, Kuwait, Libya, Nigeria, Qatar (1997–2018), Saudi Arabia, United Arab Emirates, and Venezuela. Ecuador left OPEC effective January 1, 2020. Ecuador was included in the calculation of OPEC prices published in the PMM for January 2020 through April 2020. The affected data will be corrected when finalized 2020 crude oil price data are published in June 2021.

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 2019 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	40.07	38.33	47.33	47.85	49.98	54.59	W
2016	34.05	32.66	38.81	40.61	42.86	48.63	46.94
2017	43.78	41.82	48.78	51.08	50.31	54.70	54.12
2018							
January	57.20	49.82	56.18	62.44	60.12	66.11	W
February	53.01	46.68	54.95	62.04	57.83	65.11	W
March	53.41	45.84	57.90	61.95	60.18	69.20	W
April	57.58	51.45	65.73	66.67	64.74	71.91	W
May	62.76	55.69	65.41	69.28	70.82	W	W
June	61.21	57.70	63.29	69.09	69.54	75.58	W
July	59.86	58.01	68.71	69.06	67.39	72.74	W
August	60.39	54.39	67.31	69.37	67.01	71.14	W
September	58.92	54.06	72.13	72.46	68.33	W	W
October	59.90	55.36	71.51	67.46	59.12	W	W
November	47.19	35.95	51.98	53.65	37.46	66.22	W
December	42.73	26.24	34.40	49.43	31.50	W	W
2018	56.23	49.53	62.26	64.43	58.85	70.85	W
2019							
January	48.18	42.98	50.46	55.65	47.02	57.38	W
February	53.25	50.78	58.00	59.15	52.95	W	W
March	55.51	53.31	60.10	64.17	57.03	W	W
April	59.61	57.29	62.14	66.71	65.05	71.65	W
May	59.94	57.95	61.84	65.10	61.31	68.69	W
June	53.79	50.17	55.28	61.36	58.20	63.80	W
July	53.57	51.11	58.63	60.81	53.70	65.61	W
August	48.72	48.47	53.90	58.52	53.30	W	W
September	51.78	49.76	52.20	58.19	52.37	W	W
October	46.40	47.17	52.20	58.92	53.13	59.88	W
November	49.64	46.43	54.53	60.15	57.24	65.89	W
December	48.69	47.17	53.35	61.29	56.70	W	W
2019	52.06	50.37	56.25	60.66	56.02	64.95	66.00
2020							
January	44.99	44.23	51.00	56.11	45.58	W	W
February	39.82	38.30	45.17	51.88	38.00	-	W
March	21.99	21.54	30.18	30.46	28.58	-	W
April	11.21	8.92	16.33	19.44	19.57	W	W
May	17.20	17.83	21.40	19.57	24.28	W	W
June	29.90	29.84	35.24	R36.10	34.82	W	W
July	32.43	R33.99	34.95	R37.57	40.14	W	-
August	36.09	35.06	36.37	38.70	39.53	-	-

- = 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 2019 are final.

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

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

dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	14.42	15.79	18.57	18.42	20.34	21.09	20.85
1998	8.19	9.73	11.81	12.31	13.73	14.40	14.38
1999	13.40	15.30	17.33	17.81	18.18	19.22	18.48
2000	23.49	24.71	27.60	27.91	29.99	30.37	31.10
2001	17.66	18.14	23.29	22.21	24.86	26.59	26.49
2002	20.59	21.33	24.40	24.91	25.73	26.49	25.96
2003	23.87	25.15	27.78	28.78	29.95	30.73	30.90
2004	30.96	31.92	35.99	37.94	39.82	41.25	41.59
2005	42.20	42.24	49.94	52.18	54.95	58.38	56.43
2006	51.84	52.62	59.38	61.88	64.80	68.44	66.78
2007	59.01	60.64	68.95	72.03	73.17	75.68	73.57
2008	85.39	84.76	97.30	96.83	99.90	103.68	99.23
2009	56.38	55.68	61.28	62.43	64.80	64.82	63.90
2010	71.54	71.07	78.35	79.64	81.25	81.09	82.17
2011	96.89	93.32	106.06	108.76	110.93	115.40	113.24
2012	97.49	91.32	105.92	107.23	107.27	112.70	115.67
2013	95.87	88.35	101.63	102.97	104.39	110.66	105.88
2014	85.31	81.44	93.64	95.20	94.50	100.17	100.25
2015	43.20	41.14	49.58	50.16	50.78	54.54	51.70
2016	35.85	34.78	41.73	42.14	44.49	48.15	48.93
2017	46.51	44.75	51.46	53.12	52.48	55.74	55.70
2018							
January	58.31	53.07	62.54	64.41	61.62	68.66	69.67
February	54.33	49.87	61.17	64.31	65.10	66.22	68.83
March	54.30	48.32	61.15	65.40	62.69	67.41	W
April	59.96	52.58	65.46	69.52	68.10	70.77	W
May	65.28	58.51	70.58	71.21	72.86	75.40	W
June	64.58	60.28	67.84	71.14	69.85	76.54	W
July	62.24	60.25	69.86	72.16	69.74	74.18	76.47
August	62.13	57.72	67.62	71.79	69.54	72.53	W
September	62.05	56.28	69.02	72.70	70.87	75.57	W
October	63.58	54.78	66.37	69.02	63.34	77.21	W
November	47.22	36.31	57.21	58.86	45.90	68.42	W
December	45.94	26.44	52.69	50.99	37.95	65.68	W
2018	58.99	51.34	64.57	66.93	62.82	71.71	71.47
2019							
January	49.72	41.88	54.64	56.22	50.11	57.81	65.11
February	55.03	52.52	59.38	61.09	55.65	61.35	W
March	57.67	55.82	61.24	64.52	60.98	63.21	W
April	61.67	60.59	65.70	67.95	65.63	71.06	70.32
May	64.18	60.96	66.20	66.78	64.57	68.48	W
June	56.90	53.00	60.90	63.03	60.18	63.93	W
July	56.50	53.46	61.99	61.85	55.80	65.94	W
August	52.24	50.56	58.23	60.60	58.39	59.54	W
September	54.80	51.17	57.12	59.85	56.27	62.23	63.05
October	50.71	50.15	56.19	60.82	55.61	59.30	64.88
November	53.19	49.06	57.11	62.56	57.88	63.45	W
December	54.44	48.60	55.65	62.15	60.66	63.04	65.00
2019	55.35	52.45	59.50	62.18	58.78	64.00	66.06
2020							
January	50.96	46.84	57.89	56.99	53.78	62.71	W
February	42.84	40.69	49.41	51.87	44.15	W	W
March	26.04	24.59	32.60	28.05	30.07	W	22.37
April	15.22	12.22	19.57	21.95	24.07	32.04	W
May	20.48	19.51	25.61	25.50	27.96	36.78	W
June	34.35	R34.47	R36.92	R38.24	37.81	R47.86	W
July	R36.83	R37.67	R37.12	R40.97	R43.25	R50.24	W
August	38.80	39.04	39.09	42.95	43.30	47.68	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 2019 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	19.51	38.05	8.63	26.17	7.15	0.43	0.06
2016	16.70	38.88	8.43	24.92	8.42	1.43	1.22
2017	17.58	39.99	9.88	21.31	7.37	1.93	1.95
2018							
January	13.65	46.31	8.15	21.96	5.29	2.32	2.32
February	14.54	41.23	10.57	23.23	5.63	2.88	1.93
March	14.87	40.44	11.29	24.42	4.69	W	W
April	15.39	41.98	8.00	24.55	5.55	W	W
May	15.55	42.03	11.03	19.69	8.98	W	W
June	19.56	39.42	9.38	21.30	5.31	W	W
July	17.27	39.83	10.16	23.03	5.57	3.37	0.77
August	16.92	38.86	10.56	22.83	7.61	W	W
September	19.27	40.28	9.66	21.96	6.09	W	W
October	19.76	41.24	12.30	18.05	5.47	W	W
November	16.81	39.03	10.55	20.69	8.77	W	W
December	12.93	44.45	8.58	22.46	7.31	W	W
2018	16.36	41.28	9.99	22.06	6.34	2.49	1.49
2019							
January	16.18	37.86	11.25	23.39	8.05	1.46	1.82
February	8.61	44.72	11.94	22.25	8.57	W	W
March	10.56	41.61	15.83	21.04	7.41	W	W
April	9.44	46.64	9.07	19.88	10.28	3.07	1.62
May	14.60	41.48	9.74	18.87	12.32	W	W
June	11.06	44.41	9.04	20.71	10.21	W	W
July	9.94	45.85	12.24	18.07	10.33	W	W
August	12.05	41.51	13.01	20.49	10.56	W	W
September	14.75	40.12	10.31	19.37	11.15	2.72	1.59
October	15.36	44.78	9.78	18.83	6.85	2.06	2.35
November	14.43	43.26	13.00	18.11	6.67	W	W
December	11.85	48.61	10.65	19.08	6.96	0.82	2.04
2019	12.42	43.34	11.30	20.05	9.16	2.16	1.58
2020							
January	11.17	51.54	9.85	20.68	4.12	W	W
February	11.96	50.11	9.62	21.75	3.57	W	W
March	12.73	47.13	9.81	25.64	3.48	W	W
April	13.88	41.21	6.97	30.76	5.09	W	W
May	10.82	45.64	9.13	23.45	8.49	W	W
June	R11.49	R46.95	R10.82	R22.75	R5.25	W	W
July	R12.53	R51.72	R9.35	R18.49	R5.97	W	W
August	18.90	44.55	7.18	22.47	5.07	W	W

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2019 are final.

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

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

dollars per barrel

Year quarter month	Canadian Lloydminster	Iraqi Basrah Light	Mexican Mayan	Nigerian Qua Iboe	Venezuelan Merey
2005	35.13	-	40.69	-	-
2006	44.55	-	51.29	-	-
2007	48.54	-	59.96	-	-
2008	79.33	-	82.99	-	-
2009	50.11	62.98	55.07	65.60	59.89
2010	64.41	74.36	70.36	82.66	70.26
2011	78.41	104.51	98.27	115.82	98.73
2012	77.01	103.17	99.81	115.85	102.04
2013	75.61	99.28	96.87	W	99.26
2014	75.42	92.96	85.83	W	89.86
2015	W	47.59	43.49	W	43.82
2016	-	36.73	36.39	W	37.72
2017	W	49.10	46.82	W	45.62
2018					
January	-	W	59.05	-	W
February	-	W	56.82	-	-
March	-	59.95	56.98	-	-
1st quarter average	-	60.11	57.49	-	W
April	-	64.98	57.87	-	W
May	-	68.23	63.55	-	-
June	-	W	64.61	-	-
2nd quarter average	-	66.48	62.28	-	W
July	-	W	66.35	-	W
August	-	W	63.27	-	W
September	-	W	68.34	-	W
3rd quarter average	-	68.98	66.00	-	W
October	-	-	74.38	-	W
November	-	W	64.73	-	-
December	-	W	52.75	-	-
4th quarter average	-	58.16	66.48	-	W
2018	-	63.19	63.02	-	W
2019					
January	-	W	55.42	-	-
February	-	W	59.35	-	-
March	-	W	61.54	-	-
1st quarter average	-	W	58.80	-	-
April	-	W	64.15	-	-
May	-	W	62.84	-	-
June	-	W	59.11	-	-
2nd quarter average	-	64.52	61.91	-	-
July	-	W	59.37	-	-
August	-	W	51.23	-	-
September	-	W	57.22	-	-
3rd quarter average	-	W	55.73	-	-
October	W	W	52.93	-	-
November	-	W	51.95	-	-
December	-	W	55.43	-	-
4th quarter average	W	W	53.53	-	-
2019	W	59.43	57.35	-	-
2020					
January	-	-	54.19	-	-
February	-	W	47.96	-	-
March	-	W	28.09	-	-
1st quarter average	-	W	42.77	-	-
April	-	-	13.62	-	-
May	-	W	24.27	W	-
June	-	W	35.08	-	-
2nd quarter average	-	W	25.16	W	-
July	-	W	38.11	W	-
August	-	W	40.22	-	-

- = 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 2019 are final.

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

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

dollars per barrel

Year quarter month	Algerian Saharan Blend	Brazilian Marlim	Canadian Bow River Heavy	Canadian Light Sour Blend	Canadian Lloydminster
2005	-	-	39.22	-	37.59
2006	-	-	48.38	-	46.96
2007	-	-	52.36	-	50.94
2008	-	-	84.29	-	82.50
2009	65.95	58.94	55.71	59.12	53.44
2010	81.78	76.63	68.92	76.56	68.13
2011	115.82	107.13	82.02	96.52	82.24
2012	114.02	114.32	77.19	87.82	81.33
2013	113.45	108.43	76.88	90.59	79.34
2014	-	93.08	76.90	85.10	81.87
2015	W	47.77	38.90	47.18	38.51
2016	49.82	W	33.43	40.04	W
2017	54.96	50.40	43.02	50.08	42.28
2018					
January	70.13	-	45.68	57.22	W
February	W	W	38.64	60.89	W
March	W	W	39.89	59.46	-
1st quarter average	68.55	W	41.88	58.42	W
April	W	-	43.61	63.00	W
May	W	-	53.66	65.07	W
June	W	-	55.69	61.96	-
2nd quarter average	75.40	-	51.89	63.32	W
July	73.97	-	56.25	67.99	-
August	74.53	-	52.40	65.31	-
September	W	-	45.23	62.05	-
3rd quarter average	74.55	-	51.15	64.81	-
October	W	-	44.12	59.11	-
November	W	-	18.36	45.37	-
December	W	-	10.44	31.68	W
4th quarter average	70.74	-	26.06	43.19	W
2018	72.51	W	42.83	57.93	W
2019					
January	-	-	32.02	46.30	W
February	W	-	48.27	48.42	-
March	W	-	52.21	56.72	W
1st quarter average	W	-	43.75	50.56	W
April	W	-	56.67	61.22	W
May	W	-	56.50	59.98	-
June	-	-	46.91	51.74	-
2nd quarter average	W	-	53.87	58.25	W
July	-	-	48.33	53.33	-
August	-	-	46.97	53.20	-
September	-	-	W	54.58	-
3rd quarter average	-	-	47.54	53.74	-
October	W	-	45.81	50.40	W
November	-	-	44.03	53.83	-
December	-	-	W	53.95	-
4th quarter average	W	-	43.39	52.51	W
2019	67.75	-	47.62	54.05	52.58
2020					
January	-	-	39.65	51.92	-
February	-	-	30.63	43.35	-
March	-	-	16.76	23.54	-
1st quarter average	-	-	29.70	37.59	-
April	-	-	9.28	14.23	-
May	-	-	12.37	15.09	-
June	-	-	W	37.81	-
2nd quarter average	-	-	19.58	23.72	-
July	-	-	W	39.34	-
August	-	-	37.44	40.47	-

See footnotes at end of table.

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

dollars per barrel

Year quarter month	Ecuadorian Oriente	Ecuadorian Napo	Iraqi Basrah Light	Mexican Mayan	Nigerian Bonny Light
2005	46.42	-	-	41.54	57.12
2006	56.75	-	-	52.04	69.29
2007	64.57	-	-	60.93	77.90
2008	87.25	-	-	84.29	108.46
2009	56.97	48.74	64.38	56.03	68.30
2010	75.48	72.97	77.96	70.87	84.10
2011	101.74	97.91	106.67	98.81	116.95
2012	105.50	101.53	106.93	100.29	117.70
2013	104.14	100.01	102.70	97.43	W
2014	91.65	93.11	96.95	86.49	W
2015	49.65	41.84	49.50	44.08	59.92
2016	40.68	37.46	39.90	36.79	W
2017	51.93	49.18	50.73	47.87	W
2018					
January	66.34	W	64.01	59.90	-
February	65.05	W	60.97	57.42	-
March	63.11	60.38	61.65	57.11	-
1st quarter average	65.06	60.72	62.05	58.24	-
April	68.05	63.50	65.78	58.58	-
May	73.52	W	69.98	64.17	-
June	71.04	66.83	69.31	65.46	-
2nd quarter average	70.28	65.56	68.13	63.22	-
July	74.01	68.84	70.02	66.89	-
August	70.12	67.85	68.65	64.21	-
September	W	68.28	72.38	69.88	-
3rd quarter average	72.42	68.30	70.26	66.80	-
October	77.96	69.48	61.55	75.19	-
November	67.51	61.44	63.76	65.12	-
December	56.45	53.47	58.25	53.87	-
4th quarter average	64.19	60.95	61.29	65.99	-
2018	67.94	65.09	65.43	63.62	-
2019					
January	57.97	50.60	57.15	56.19	-
February	62.01	W	59.71	60.36	-
March	W	W	63.17	62.40	-
1st quarter average	60.53	52.95	59.94	59.85	-
April	W	W	67.21	64.75	-
May	69.55	67.56	65.51	63.34	-
June	63.79	W	62.79	59.56	-
2nd quarter average	67.80	63.28	65.70	62.62	-
July	64.23	W	63.29	59.86	W
August	60.62	59.82	60.42	52.03	W
September	60.01	58.58	60.75	58.19	-
3rd quarter average	61.88	59.86	61.65	56.47	W
October	60.92	55.04	57.63	53.97	-
November	62.31	59.01	58.32	52.95	-
December	65.02	60.40	60.49	56.89	-
4th quarter average	62.50	58.61	58.73	54.59	-
2019	62.80	58.80	61.37	58.45	W
2020					
January	65.83	60.97	59.30	55.97	-
February	58.02	51.90	53.81	49.48	-
March	41.79	27.12	38.05	28.62	-
1st quarter average	54.78	46.30	49.12	44.35	-
April	W	18.35	W	13.84	-
May	W	W	34.88	25.43	-
June	W	-	W	35.68	-
2nd quarter average	W	20.25	39.98	25.71	-
July	41.62	-	42.37	38.79	-
August	44.31	W	42.30	40.91	-

See footnotes at end of table.

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

dollars per barrel

Year quarter month	Nigerian Qua Iboe	Saudi Arabian Light	Saudi Arabian Medium	Saudi Arabian Berri	Venezuelan Merey
2005	-	52.92	48.92	-	-
2006	-	60.51	58.10	-	-
2007	-	71.62	70.09	-	-
2008	-	94.38	91.46	-	-
2009	68.26	63.10	61.87	59.72	60.15
2010	84.44	79.65	78.13	81.14	71.59
2011	117.02	109.43	107.12	110.77	100.36
2012	116.48	108.93	106.83	110.03	103.28
2013	112.47	103.44	101.44	107.00	100.69
2014	W	96.83	94.47	96.68	91.73
2015	W	50.00	48.66	52.83	45.77
2016	W	41.25	41.62	45.62	38.97
2017	W	53.27	51.60	52.68	47.38
2018					
January	W	65.72	62.32	W	W
February	W	65.47	64.58	66.71	W
March	-	66.73	66.64	W	W
1st quarter average	W	65.98	64.62	67.76	W
April	W	69.16	70.16	69.08	W
May	-	71.59	70.47	W	W
June	-	72.30	71.03	74.50	-
2nd quarter average	W	70.95	70.51	72.38	64.47
July	-	72.63	71.91	74.41	W
August	-	73.60	72.30	73.88	W
September	-	72.45	71.44	75.91	W
3rd quarter average	-	72.83	71.97	74.65	W
October	-	75.50	69.25	77.42	W
November	-	65.22	65.40	71.69	W
December	-	60.43	58.86	61.95	-
4th quarter average	-	67.29	65.62	70.71	64.43
2018	W	69.40	68.78	71.81	63.24
2019					
January	-	61.38	62.60	W	-
February	-	66.56	67.46	W	W
March	-	68.93	66.42	66.94	-
1st quarter average	-	64.87	65.38	62.49	W
April	-	W	67.16	72.41	-
May	W	W	W	W	-
June	W	W	63.53	W	-
2nd quarter average	W	W	65.29	70.87	-
July	-	W	W	W	-
August	W	62.47	W	W	-
September	-	W	60.30	W	-
3rd quarter average	W	64.04	60.56	W	-
October	-	63.05	W	W	-
November	-	65.48	W	W	-
December	-	65.56	W	67.53	-
4th quarter average	-	64.62	63.33	66.11	-
2019	W	65.28	64.40	66.19	W
2020					
January	-	51.55	W	W	-
February	-	52.48	W	W	-
March	-	24.14	22.09	W	-
1st quarter average	-	39.54	27.52	W	-
April	-	22.30	19.76	W	-
May	W	31.84	28.07	W	-
June	-	W	R41.86	-	-
2nd quarter average	W	R27.26	R27.29	W	-
July	W	W	W	W	-
August	-	W	-	W	-

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - Effective January 2009, selected crude streams were discontinued and new crude streams were added for publication. - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2019 are final.

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

Prices of Petroleum Products

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

dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
United States												
August 2020	1.713	1.539	1.338	2.111	NA	1.545	2.355	2.001	1.700	1.816	1.566	1.389
July 2020	1.709	1.557	1.330	2.092	1.545	1.530	2.335	2.056	1.692	1.808	1.585	1.380
August 2019	2.170	1.837	1.769	2.541	2.196	1.988	2.779	NA	2.173	2.259	1.860	1.820
PAD District 1												
August 2020	1.558	1.314	1.264	1.846	W	1.447	2.076	-	1.577	1.646	1.338	1.308
July 2020	1.563	1.236	1.256	1.850	W	1.436	2.082	-	1.578	1.651	1.282	1.300
August 2019	2.025	W	1.679	2.319	NA	1.877	2.552	W	2.057	2.103	W	1.725
Subdistrict 1A												
August 2020	W	W	1.317	W	-	1.466	W	-	1.600	W	W	1.363
July 2020	W	W	1.362	W	-	1.498	W	-	1.651	W	W	1.409
August 2019	W	W	1.755	W	-	1.976	W	-	2.095	W	W	1.805
Connecticut												
August 2020	-	W	1.321	-	-	1.441	-	-	1.602	-	W	1.371
July 2020	-	W	1.420	-	-	1.472	-	-	1.696	-	W	1.468
August 2019	-	W	1.753	-	-	1.903	-	-	2.121	-	W	1.811
Maine												
August 2020	-	-	1.329	-	-	W	-	-	W	-	-	1.358
July 2020	-	-	1.330	-	-	W	-	-	W	-	-	1.360
August 2019	-	-	1.797	-	-	W	-	-	2.158	-	-	1.835
Massachusetts												
August 2020	W	-	1.295	W	-	1.302	W	-	1.528	W	-	1.332
July 2020	W	-	1.303	W	-	1.321	W	-	1.540	W	-	1.340
August 2019	W	-	1.735	W	-	1.876	W	-	2.047	W	-	1.780
New Hampshire												
August 2020	W	-	W	W	-	-	W	-	W	W	-	W
July 2020	W	-	W	W	-	-	W	-	W	W	-	W
August 2019	W	-	W	W	-	-	W	-	W	W	-	W
Rhode Island												
August 2020	W	-	1.335	W	-	W	W	-	W	W	-	W
July 2020	W	-	1.347	W	-	W	W	-	W	W	-	W
August 2019	W	-	1.758	W	-	1.850	W	-	W	W	-	1.804
Vermont												
August 2020	-	-	W	-	-	W	-	-	1.599	-	-	1.333
July 2020	-	-	W	-	-	W	-	-	1.615	-	-	1.341
August 2019	-	-	1.733	-	-	W	-	-	2.147	-	-	W
Subdistrict 1B												
August 2020	1.623	-	1.279	1.883	-	1.407	2.081	-	1.543	1.714	-	1.318
July 2020	1.626	-	1.285	1.889	-	1.403	2.090	-	1.558	1.717	-	1.325
August 2019	2.137	-	1.717	2.409	-	1.863	2.616	-	2.099	2.219	-	1.768
Delaware												
August 2020	W	-	1.294	W	-	1.501	W	-	1.493	W	-	1.319
July 2020	W	-	1.306	W	-	1.543	W	-	1.508	W	-	1.331
August 2019	W	-	1.711	W	-	1.905	W	-	2.054	W	-	1.748
District of Columbia												
August 2020	-	-	-	-	-	-	-	-	-	-	-	-
July 2020	-	-	-	-	-	-	-	-	-	-	-	-
August 2019	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
August 2020	-	-	1.255	-	-	1.311	-	-	1.451	-	-	1.284
July 2020	-	-	1.259	-	-	1.339	-	-	1.464	-	-	1.290
August 2019	-	-	1.692	-	-	1.798	-	-	2.006	-	-	1.738
New Jersey												
August 2020	W	-	1.273	W	-	1.376	W	-	1.487	W	-	1.305
July 2020	W	-	1.277	W	-	1.353	W	-	1.501	W	-	1.309
August 2019	W	-	1.705	W	-	1.838	W	-	2.062	W	-	1.751
New York												
August 2020	1.673	-	1.322	1.923	-	1.578	2.120	-	1.650	1.763	-	1.387
July 2020	1.677	-	1.328	1.931	-	1.562	2.131	-	1.668	1.768	-	1.396
August 2019	2.217	-	1.781	2.475	-	2.086	2.678	-	2.196	2.297	-	1.854
Pennsylvania												
August 2020	W	-	1.260	W	-	1.401	W	-	1.515	W	-	1.286
July 2020	W	-	1.268	W	-	1.409	W	-	1.525	W	-	1.294
August 2019	W	-	1.692	W	-	1.890	W	-	2.091	W	-	1.729

See footnotes at end of table.

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

dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
Subdistrict 1C												
August 2020	W	1.314	1.249	W	W	1.458	W	-	1.598	W	1.338	1.294
July 2020	W	1.236	1.226	W	W	1.442	W	-	1.580	W	1.282	1.272
August 2019	W	W	1.647	W	NA	1.870	W	W	2.020	W	W	1.690
Florida												
August 2020	W	W	1.265	W	-	1.443	W	-	1.595	W	W	1.311
July 2020	W	W	1.240	W	-	1.427	W	-	1.574	W	W	1.287
August 2019	W	1.710	1.650	W	-	1.875	W	W	1.997	W	1.726	1.692
Georgia												
August 2020	W	W	1.237	W	-	1.436	W	-	1.639	W	W	1.287
July 2020	W	W	1.214	W	-	1.405	W	-	1.618	W	W	1.263
August 2019	W	W	1.642	W	-	1.835	W	-	2.059	W	W	1.688
North Carolina												
August 2020	W	-	1.233	W	-	1.494	W	-	1.591	W	-	1.280
July 2020	W	-	1.205	W	-	1.476	W	-	1.567	W	-	1.252
August 2019	W	W	1.619	W	-	1.875	W	W	2.007	W	W	1.665
South Carolina												
August 2020	W	-	1.235	W	W	1.470	W	-	1.617	W	W	1.278
July 2020	W	-	1.208	W	W	1.462	W	-	1.600	W	W	1.252
August 2019	W	NA	1.623	W	NA	1.896	W	W	2.033	W	W	1.664
Virginia												
August 2020	-	-	1.263	-	-	1.413	-	-	1.551	-	-	1.301
July 2020	-	-	1.254	-	-	1.416	-	-	1.554	-	-	1.294
August 2019	-	W	1.689	-	-	1.840	-	W	2.028	-	W	1.731
West Virginia												
August 2020	W	-	1.267	W	-	1.549	W	-	1.590	W	-	1.303
July 2020	W	-	1.273	W	-	1.527	W	-	1.593	W	-	1.309
August 2019	W	-	1.708	W	-	2.053	W	-	2.078	W	-	1.734
PAD District 2												
August 2020	W	1.502	1.253	W	W	1.430	W	1.698	1.580	W	1.507	1.286
July 2020	W	1.545	1.258	W	W	1.427	W	1.737	1.590	W	1.547	1.291
August 2019	W	1.961	1.710	W	W	1.881	W	W	2.137	W	1.976	1.748
Illinois												
August 2020	W	1.548	1.264	W	-	1.413	W	W	1.638	W	1.572	1.305
July 2020	W	1.492	1.276	W	-	1.426	W	W	1.658	W	1.532	1.317
August 2019	W	1.920	1.710	W	-	1.870	W	W	2.159	W	1.907	1.754
Indiana												
August 2020	W	W	1.230	W	-	1.412	W	-	1.633	W	W	1.264
July 2020	W	W	1.248	W	-	1.455	W	-	1.658	W	W	1.282
August 2019	W	W	1.703	W	-	1.897	W	-	2.194	W	W	1.740
Iowa												
August 2020	-	W	1.237	-	-	1.341	-	-	1.442	-	W	1.259
July 2020	-	W	1.235	-	-	1.349	-	-	1.466	-	W	1.259
August 2019	-	W	1.689	-	-	1.849	-	-	2.047	-	W	1.723
Kansas												
August 2020	W	W	1.227	W	W	1.367	-	-	1.434	W	W	1.248
July 2020	W	W	1.231	W	W	1.380	-	-	1.454	W	W	1.252
August 2019	W	W	1.681	W	W	1.833	-	-	1.981	W	W	1.704
Kentucky												
August 2020	W	W	1.307	W	-	1.496	W	W	1.664	W	W	1.333
July 2020	W	W	1.316	W	-	1.489	W	W	1.686	W	W	1.342
August 2019	W	W	1.707	W	-	1.938	W	NA	2.153	W	W	1.735
Michigan												
August 2020	W	W	1.290	W	-	1.740	W	W	1.772	W	W	1.328
July 2020	W	W	1.297	W	-	1.690	W	W	1.770	W	W	1.335
August 2019	W	W	1.779	W	-	2.184	W	W	2.350	W	W	1.819
Minnesota												
August 2020	W	W	1.234	W	W	1.343	W	W	1.437	W	W	1.262
July 2020	W	W	1.233	W	W	1.352	W	W	1.448	W	W	1.262
August 2019	W	W	1.717	W	W	1.863	W	W	2.068	W	W	1.756
Missouri												
August 2020	-	W	1.244	-	-	1.342	-	-	1.501	-	W	1.270
July 2020	-	W	1.253	-	-	1.357	-	-	1.555	-	W	1.284
August 2019	-	W	1.691	-	-	1.868	-	-	2.074	-	W	1.724

See footnotes at end of table.

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

dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
PAD District 2 (cont.)												
Nebraska												
August 2020	W	W	1.245	W	W	1.375	-	-	1.473	W	W	1.271
July 2020	W	W	1.243	W	W	1.371	-	-	1.496	W	W	1.271
August 2019	W	W	1.701	W	-	1.840	-	-	2.080	W	W	1.738
North Dakota												
August 2020	W	W	1.289	W	W	1.389	W	W	1.616	W	W	1.334
July 2020	W	W	1.280	W	W	1.381	W	W	1.561	W	W	1.320
August 2019	W	W	1.780	W	W	1.893	W	W	2.301	W	W	1.838
Ohio												
August 2020	W	W	1.259	W	-	1.533	W	W	1.688	W	W	1.294
July 2020	W	W	1.273	W	-	1.591	W	W	1.696	W	W	1.308
August 2019	W	W	1.741	W	-	2.048	W	W	2.282	W	W	1.780
Oklahoma												
August 2020	W	W	1.224	W	-	1.404	W	-	1.397	W	W	1.250
July 2020	W	W	1.220	W	-	1.419	W	-	1.392	W	W	1.248
August 2019	W	W	1.690	W	-	1.859	W	-	1.943	W	W	1.727
South Dakota												
August 2020	W	W	1.289	W	W	1.412	W	W	1.563	W	W	1.329
July 2020	W	W	1.277	W	W	1.393	W	W	1.542	W	W	1.311
August 2019	W	W	1.758	W	W	1.853	W	W	2.184	W	W	1.806
Tennessee												
August 2020	W	W	1.229	W	-	1.434	W	W	1.551	W	W	1.261
July 2020	W	W	1.212	W	-	1.415	W	W	1.540	W	W	1.244
August 2019	W	W	1.604	W	-	1.775	W	NA	1.971	W	W	1.638
Wisconsin												
August 2020	W	W	1.252	W	W	1.366	W	W	1.695	W	W	1.300
July 2020	W	W	1.260	W	W	1.374	W	W	1.700	W	W	1.309
August 2019	W	W	1.754	W	W	1.950	W	W	2.302	W	W	1.807
PAD District 3												
August 2020	1.558	1.435	1.249	1.850	W	1.389	2.128	W	1.483	1.631	1.549	1.275
July 2020	1.580	1.462	1.245	1.908	W	1.401	2.192	2.005	1.487	1.657	1.563	1.272
August 2019	2.025	1.703	1.671	2.334	W	1.840	2.601	NA	1.969	2.094	1.742	1.701
Alabama												
August 2020	W	W	1.229	W	-	1.399	W	W	1.639	W	W	1.269
July 2020	W	W	1.212	W	-	1.403	W	W	1.642	W	W	1.253
August 2019	W	W	1.606	W	-	1.845	W	W	2.043	W	W	1.643
Arkansas												
August 2020	-	-	1.239	-	-	1.417	-	-	1.549	-	-	1.271
July 2020	-	-	1.235	-	-	1.421	-	-	1.539	-	-	1.265
August 2019	-	-	1.649	-	-	1.824	-	-	1.999	-	-	1.679
Louisiana												
August 2020	-	W	1.211	-	-	1.370	-	-	1.486	-	W	1.233
July 2020	-	W	1.202	-	-	1.355	-	-	1.468	-	W	1.226
August 2019	-	W	1.628	-	-	1.752	-	-	1.905	-	W	1.654
Mississippi												
August 2020	-	-	1.233	-	-	1.458	-	-	1.599	-	-	1.262
July 2020	-	-	1.218	-	-	1.473	-	-	1.591	-	-	1.247
August 2019	-	-	1.627	-	-	1.863	-	-	2.014	-	-	1.655
New Mexico												
August 2020	1.579	W	1.352	1.851	-	1.431	2.126	W	1.670	1.662	W	1.398
July 2020	1.625	W	1.331	1.889	-	1.414	2.169	W	1.660	1.706	W	1.378
August 2019	W	W	1.820	W	W	1.981	2.615	W	2.171	W	W	1.865
Texas												
August 2020	W	W	1.260	W	W	1.372	W	-	1.442	W	W	1.282
July 2020	W	W	1.260	W	W	1.386	W	-	1.451	W	W	1.284
August 2019	1.994	W	1.690	2.305	W	1.831	2.591	W	1.957	2.058	W	1.718

See footnotes at end of table.

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

dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
PAD District 4												
August 2020	W	1.738	1.512	W	W	1.776	2.498	W	1.885	W	1.846	1.592
July 2020	W	1.671	1.524	W	W	1.768	2.496	W	1.897	W	1.819	1.603
August 2019	W	2.161	1.904	W	W	2.164	2.709	W	2.280	W	2.249	1.977
Colorado												
August 2020	W	1.801	1.465	2.157	W	1.706	W	W	1.851	2.037	1.796	1.543
July 2020	W	1.778	1.575	2.206	W	1.869	W	W	1.964	2.094	1.778	1.653
August 2019	W	2.225	1.827	2.354	W	2.024	W	W	2.242	2.223	2.212	1.906
Idaho												
August 2020	W	W	1.636	W	W	1.946	W	W	1.966	W	W	1.697
July 2020	W	W	1.547	W	W	W	W	W	W	W	W	1.609
August 2019	W	W	2.059	W	W	2.336	W	W	2.371	W	W	2.110
Montana												
August 2020	W	W	1.458	W	W	1.575	W	W	1.928	W	W	1.550
July 2020	W	W	1.465	W	W	1.593	W	W	1.935	W	W	1.560
August 2019	W	W	1.889	W	W	2.035	W	W	2.372	W	W	1.973
Utah												
August 2020	W	W	1.580	W	W	1.847	W	-	1.895	W	W	1.664
July 2020	W	W	1.521	W	W	1.786	W	-	1.836	W	W	1.607
August 2019	W	W	1.971	W	W	2.313	W	-	2.264	W	W	2.042
Wyoming												
August 2020	W	W	1.425	W	-	1.526	W	-	1.811	W	W	1.494
July 2020	W	W	1.357	W	-	W	W	-	1.774	W	W	1.428
August 2019	W	W	1.879	W	-	2.008	W	-	2.283	W	W	1.945
PAD District 5												
August 2020	2.311	1.665	1.701	2.561	NA	1.918	2.731	1.998	1.991	2.417	NA	1.765
July 2020	2.251	1.684	1.658	2.489	NA	1.872	2.655	1.952	1.949	2.353	NA	1.721
August 2019	2.678	2.183	2.106	2.904	2.522	2.317	3.050	NA	2.395	2.767	2.201	2.163
Alaska												
August 2020	W	W	W	W	-	W	W	W	1.991	W	W	W
July 2020	W	W	W	W	-	W	W	W	2.008	W	W	W
August 2019	W	W	W	W	-	W	W	W	2.397	W	W	W
Arizona												
August 2020	W	W	1.475	W	W	1.813	W	W	1.707	W	W	1.507
July 2020	W	W	1.437	W	W	1.766	W	W	1.698	W	W	1.473
August 2019	W	W	1.958	W	W	NA	W	W	2.235	W	W	1.993
California												
August 2020	2.433	W	1.827	2.632	W	1.981	2.784	-	2.074	2.531	W	1.889
July 2020	2.355	W	1.769	2.551	W	1.924	2.697	-	2.023	2.450	W	1.832
August 2019	2.770	2.257	2.222	2.955	-	2.367	3.082	-	2.468	2.852	2.257	2.277
Hawaii												
August 2020	W	W	W	W	W	W	W	W	W	W	W	W
July 2020	W	W	W	W	W	W	W	W	W	W	W	W
August 2019	W	W	W	W	W	W	W	NA	W	W	W	W
Nevada												
August 2020	W	W	1.548	W	-	1.746	W	-	1.776	W	W	1.602
July 2020	W	W	1.508	W	-	1.722	W	-	1.745	W	W	1.564
August 2019	W	W	2.016	W	-	NA	W	-	2.267	W	W	2.070
Oregon												
August 2020	2.123	-	1.527	2.364	-	1.751	2.513	-	1.847	2.188	-	1.573
July 2020	2.104	-	1.531	2.336	-	1.742	2.478	-	1.838	2.167	-	1.575
August 2019	2.514	-	1.893	2.693	-	2.089	2.814	-	2.190	2.563	-	1.931
Washington												
August 2020	1.954	W	1.588	2.189	W	1.868	2.381	NA	1.918	2.027	W	1.654
July 2020	1.921	W	1.570	2.156	W	1.841	2.345	W	1.906	1.992	W	1.636
August 2019	2.351	W	1.936	2.593	W	2.204	2.772	W	2.279	2.415	W	1.997

- = 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 2019 are final.

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

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

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
August 2020	2.805	2.219	1.188	1.162	3.163	1.250
July 2020	2.761	2.253	1.175	1.144	3.059	1.172
August 2019	W	2.854	1.901	1.864	W	1.861
PAD District 1						
August 2020	W	2.274	1.195	1.176	2.757	1.302
July 2020	W	2.273	1.159	1.132	W	W
August 2019	W	2.902	1.913	1.881	W	2.231
Subdistrict 1A						
August 2020	W	W	1.273	W	W	-
July 2020	W	W	1.250	1.185	W	-
August 2019	W	W	1.983	1.908	W	-
Connecticut						
August 2020	-	-	W	1.246	-	-
July 2020	-	-	W	W	-	-
August 2019	-	-	W	W	-	-
Maine						
August 2020	-	W	W	W	-	-
July 2020	W	W	W	W	-	-
August 2019	W	W	W	W	-	-
Massachusetts						
August 2020	W	-	1.300	W	W	-
July 2020	-	-	W	W	W	-
August 2019	-	-	W	1.903	W	-
New Hampshire						
August 2020	-	-	W	W	W	-
July 2020	-	-	W	-	W	-
August 2019	-	-	W	-	W	-
Rhode Island						
August 2020	-	-	W	W	W	-
July 2020	-	-	W	W	W	-
August 2019	-	-	W	W	-	-
Vermont						
August 2020	-	-	W	W	-	-
July 2020	-	-	W	W	-	-
August 2019	-	-	W	W	-	-
Subdistrict 1B						
August 2020	W	W	1.188	1.152	2.529	1.292
July 2020	W	W	1.146	1.108	W	W
August 2019	W	3.020	1.931	1.869	W	2.132
Delaware						
August 2020	-	-	-	-	W	-
July 2020	-	-	-	-	W	-
August 2019	-	-	-	W	W	-
District of Columbia						
August 2020	-	-	-	-	-	-
July 2020	-	-	-	-	-	-
August 2019	-	-	-	-	-	-
Maryland						
August 2020	-	-	W	1.178	-	W
July 2020	-	-	W	W	-	W
August 2019	-	-	W	W	-	W
New Jersey						
August 2020	-	-	1.186	1.147	W	W
July 2020	-	-	1.166	1.102	W	W
August 2019	-	-	1.912	1.880	W	-
New York						
August 2020	W	W	1.206	1.290	W	W
July 2020	W	W	1.158	1.214	W	W
August 2019	W	W	1.954	1.991	W	2.122
Pennsylvania						
August 2020	W	W	1.149	1.159	2.220	W
July 2020	-	W	1.098	1.122	W	-
August 2019	W	W	W	1.844	W	W

See footnotes at end of table.

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

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
August 2020	-	W	1.196	1.199	W	W
July 2020	W	W	1.163	1.152	W	W
August 2019	W	2.844	1.893	1.907	W	W
Florida						
August 2020	-	W	1.209	1.206	W	-
July 2020	W	W	1.170	1.153	W	-
August 2019	-	2.807	1.886	1.884	-	-
Georgia						
August 2020	-	W	W	1.206	-	W
July 2020	W	W	W	1.157	-	W
August 2019	W	W	W	1.919	-	W
North Carolina						
August 2020	-	-	1.183	1.161	W	W
July 2020	-	-	1.129	1.153	W	W
August 2019	-	W	W	2.032	W	W
South Carolina						
August 2020	-	-	W	1.194	W	-
July 2020	-	-	W	1.148	W	-
August 2019	-	-	W	1.914	-	W
Virginia						
August 2020	-	W	1.159	1.226	-	-
July 2020	-	W	1.141	1.138	-	W
August 2019	-	W	1.890	1.991	-	-
West Virginia						
August 2020	-	-	W	W	W	-
July 2020	-	-	-	W	W	-
August 2019	-	-	-	W	W	-
PAD District 2						
August 2020	W	W	1.192	1.179	W	1.712
July 2020	W	W	1.162	1.158	W	1.764
August 2019	W	2.853	1.900	1.870	W	2.378
Illinois						
August 2020	W	W	1.212	W	W	W
July 2020	-	W	1.208	W	W	W
August 2019	W	W	1.894	W	W	W
Indiana						
August 2020	-	-	1.207	1.192	W	1.966
July 2020	-	-	1.183	1.148	W	1.965
August 2019	-	-	1.873	1.862	W	W
Iowa						
August 2020	-	-	1.304	W	-	W
July 2020	-	-	1.276	W	-	-
August 2019	-	-	W	1.937	-	-
Kansas						
August 2020	W	W	W	W	-	W
July 2020	W	W	W	W	-	W
August 2019	W	W	W	W	-	W
Kentucky						
August 2020	W	W	W	1.177	W	W
July 2020	W	W	1.139	1.128	W	W
August 2019	W	W	1.904	1.883	W	W
Michigan						
August 2020	W	-	W	1.142	W	W
July 2020	W	-	1.173	1.118	W	W
August 2019	-	-	W	1.849	W	W
Minnesota						
August 2020	W	W	W	1.177	W	W
July 2020	W	W	W	1.152	W	W
August 2019	W	W	1.875	1.853	W	W
Missouri						
August 2020	W	-	W	W	-	-
July 2020	W	-	W	W	-	-
August 2019	W	-	W	W	-	-

See footnotes at end of table.

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

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
August 2020	W	-	W	W	-	-
July 2020	NA	-	W	W	-	-
August 2019	W	-	W	W	-	-
North Dakota						
August 2020	-	-	W	W	-	-
July 2020	-	-	W	W	-	-
August 2019	-	-	W	W	NA	W
Ohio						
August 2020	W	-	1.209	1.144	W	W
July 2020	W	-	1.173	1.135	W	W
August 2019	W	-	1.935	1.848	W	W
Oklahoma						
August 2020	W	-	W	1.170	-	W
July 2020	W	-	W	W	-	W
August 2019	W	W	W	1.890	-	W
South Dakota						
August 2020	-	-	W	-	-	-
July 2020	-	-	W	-	-	-
August 2019	-	-	W	-	-	-
Tennessee						
August 2020	W	W	W	1.194	W	W
July 2020	-	W	W	1.144	W	-
August 2019	-	W	W	1.907	W	W
Wisconsin						
August 2020	-	-	W	W	W	-
July 2020	-	-	W	W	W	-
August 2019	-	-	W	1.922	W	W
PAD District 3						
August 2020	W	2.035	1.173	1.126	-	1.176
July 2020	W	2.062	1.140	1.081	-	W
August 2019	W	2.621	1.899	1.849	-	1.842
Alabama						
August 2020	-	W	1.178	1.190	-	W
July 2020	-	W	1.149	1.061	-	W
August 2019	W	W	1.910	1.896	-	W
Arkansas						
August 2020	W	-	W	1.228	-	-
July 2020	-	-	W	1.229	-	-
August 2019	W	W	W	1.992	-	-
Louisiana						
August 2020	W	W	1.161	1.117	-	W
July 2020	-	W	1.098	1.075	-	W
August 2019	-	2.649	1.887	1.851	-	W
Mississippi						
August 2020	-	W	1.122	1.117	-	-
July 2020	-	W	1.081	1.062	-	-
August 2019	-	W	1.824	1.848	-	-
New Mexico						
August 2020	W	-	W	W	-	-
July 2020	W	-	W	W	-	-
August 2019	W	-	W	W	-	-
Texas						
August 2020	W	W	1.179	1.130	-	W
July 2020	-	2.075	1.148	1.088	-	W
August 2019	W	W	1.922	1.847	-	W

See footnotes at end of table.

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

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
August 2020	W	W	1.317	1.288	-	-
July 2020	W	W	1.335	1.289	-	-
August 2019	W	W	2.015	2.002	-	-
Colorado						
August 2020	W	-	W	1.240	-	-
July 2020	W	-	W	1.247	-	-
August 2019	W	-	1.970	1.973	-	-
Idaho						
August 2020	-	-	1.392	1.450	-	-
July 2020	-	-	1.462	1.451	-	-
August 2019	-	-	W	2.142	-	-
Montana						
August 2020	W	W	W	W	-	-
July 2020	W	W	W	W	-	-
August 2019	W	W	W	W	-	-
Utah						
August 2020	-	W	1.346	1.373	-	-
July 2020	-	W	1.374	1.396	-	-
August 2019	-	W	2.033	2.061	-	-
Wyoming						
August 2020	-	-	1.363	W	-	-
July 2020	-	-	W	W	-	-
August 2019	-	-	W	W	-	-
PAD District 5						
August 2020	W	W	1.179	1.166	W	W
July 2020	W	W	1.196	1.205	W	W
August 2019	W	2.979	1.889	1.859	-	W
Alaska						
August 2020	W	-	W	W	-	-
July 2020	W	W	W	W	-	-
August 2019	W	W	W	W	-	-
Arizona						
August 2020	W	W	W	1.230	-	-
July 2020	W	W	W	1.245	-	-
August 2019	W	W	W	1.938	-	-
California						
August 2020	W	W	1.169	1.153	W	W
July 2020	W	W	1.198	1.189	W	W
August 2019	W	2.917	1.876	1.849	-	W
Hawaii						
August 2020	-	-	W	W	-	-
July 2020	-	-	W	W	-	-
August 2019	-	-	W	W	-	-
Nevada						
August 2020	-	-	W	W	-	-
July 2020	-	-	W	W	-	-
August 2019	-	-	W	W	-	-
Oregon						
August 2020	-	W	1.224	1.204	-	-
July 2020	-	W	1.238	1.240	-	-
August 2019	-	3.016	1.928	W	-	-
Washington						
August 2020	-	W	1.170	1.199	NA	-
July 2020	W	W	1.177	1.236	NA	-
August 2019	-	W	1.866	1.848	-	-

- = 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 2019 are final.

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

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

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
August 2020	-	W	1.526	1.456	1.273	-
July 2020	1.483	-	1.526	1.431	1.251	-
August 2019	2.282	-	2.201	2.038	1.862	-
PAD District 1						
August 2020	-	W	1.534	1.250	-	-
July 2020	-	W	1.544	1.238	-	-
August 2019	-	W	2.124	1.846	-	-
Subdistrict 1A						
August 2020	-	-	W	1.266	-	-
July 2020	-	-	W	1.248	-	-
August 2019	-	-	W	1.876	-	-
Connecticut						
August 2020	-	-	W	1.258	-	-
July 2020	-	-	W	1.243	-	-
August 2019	-	-	W	1.880	-	-
Maine						
August 2020	-	-	-	1.293	-	-
July 2020	-	-	-	1.210	-	-
August 2019	-	-	-	1.894	-	-
Massachusetts						
August 2020	-	-	W	1.272	-	-
July 2020	-	-	W	1.275	-	-
August 2019	-	-	W	1.869	-	-
New Hampshire						
August 2020	-	-	W	W	-	-
July 2020	-	-	W	W	-	-
August 2019	-	-	W	W	-	-
Rhode Island						
August 2020	-	-	W	1.265	-	-
July 2020	-	-	W	1.270	-	-
August 2019	-	-	W	1.858	-	-
Vermont						
August 2020	-	-	-	W	-	-
July 2020	-	-	-	W	-	-
August 2019	-	-	-	W	-	-
Subdistrict 1B						
August 2020	-	W	W	1.240	-	-
July 2020	-	W	W	1.224	-	-
August 2019	-	W	W	1.829	-	-
Delaware						
August 2020	-	-	W	1.254	-	-
July 2020	-	-	W	1.259	-	-
August 2019	-	-	W	1.835	-	-
District of Columbia						
August 2020	-	-	-	W	-	-
July 2020	-	-	-	W	-	-
August 2019	-	-	-	W	-	-
Maryland						
August 2020	-	-	W	1.243	-	-
July 2020	-	-	W	1.206	-	-
August 2019	-	-	W	1.848	-	-
New Jersey						
August 2020	-	-	1.563	1.227	-	-
July 2020	-	-	1.575	1.198	-	-
August 2019	-	-	2.095	1.817	-	-
New York						
August 2020	-	-	2.112	1.310	-	-
July 2020	-	W	2.129	1.312	-	-
August 2019	-	-	2.427	1.906	-	-
Pennsylvania						
August 2020	-	W	1.424	1.238	-	-
July 2020	-	W	1.428	1.239	-	-
August 2019	-	W	2.216	1.823	-	-

See footnotes at end of table.

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

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
August 2020	-	W	1.442	1.258	-	-
July 2020	-	W	1.451	1.250	-	-
August 2019	-	W	2.044	1.859	-	-
Florida						
August 2020	-	-	1.457	1.281	-	-
July 2020	-	-	1.465	1.272	-	-
August 2019	-	-	2.012	1.877	-	-
Georgia						
August 2020	-	W	1.319	1.239	-	-
July 2020	-	W	1.279	1.233	-	-
August 2019	-	W	1.930	1.845	-	-
North Carolina						
August 2020	-	-	1.558	1.241	-	-
July 2020	-	-	1.579	1.235	-	-
August 2019	-	-	2.095	1.851	-	-
South Carolina						
August 2020	-	-	W	1.248	-	-
July 2020	-	-	W	1.240	-	-
August 2019	-	-	W	1.844	-	-
Virginia						
August 2020	-	-	1.250	1.253	-	-
July 2020	-	-	W	1.244	-	-
August 2019	-	-	1.861	1.853	-	-
West Virginia						
August 2020	-	-	W	1.285	-	-
July 2020	-	-	1.311	1.279	-	-
August 2019	-	-	W	1.880	-	-
PAD District 2						
August 2020	1.777	1.525	1.371	1.257	-	-
July 2020	1.772	1.578	1.353	1.240	-	-
August 2019	2.372	2.185	1.967	1.828	-	-
Illinois						
August 2020	W	W	1.388	1.218	-	-
July 2020	W	1.619	1.378	1.194	-	-
August 2019	W	W	2.025	1.786	-	-
Indiana						
August 2020	-	W	1.444	1.256	-	-
July 2020	-	W	1.458	1.233	-	-
August 2019	-	W	W	1.805	-	-
Iowa						
August 2020	-	W	W	1.297	-	-
July 2020	-	W	W	1.286	-	-
August 2019	-	2.109	1.940	1.862	-	-
Kansas						
August 2020	W	1.362	1.209	1.254	-	-
July 2020	W	1.343	1.207	1.245	-	-
August 2019	W	1.964	1.791	1.819	-	-
Kentucky						
August 2020	-	W	1.365	1.295	-	-
July 2020	W	-	1.373	1.289	-	-
August 2019	-	W	1.967	1.883	-	-
Michigan						
August 2020	W	W	1.564	1.260	-	-
July 2020	W	W	1.555	1.240	-	-
August 2019	W	2.485	2.230	1.831	-	-
Minnesota						
August 2020	W	1.504	1.479	1.279	-	-
July 2020	-	1.474	1.439	1.284	-	-
August 2019	W	2.274	2.013	1.893	-	-
Missouri						
August 2020	-	W	1.306	1.263	-	-
July 2020	W	W	1.282	1.260	-	-
August 2019	W	2.287	1.864	1.841	-	-

See footnotes at end of table.

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

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
August 2020	-	1.474	1.281	1.314	-	-
July 2020	-	1.472	1.265	1.304	-	-
August 2019	-	W	W	1.862	-	-
North Dakota						
August 2020	W	1.572	1.385	1.358	-	-
July 2020	W	1.583	1.363	1.319	-	-
August 2019	W	W	1.900	1.877	-	-
Ohio						
August 2020	-	W	1.412	1.254	-	-
July 2020	-	W	1.392	1.228	-	-
August 2019	-	W	2.019	1.812	-	-
Oklahoma						
August 2020	-	W	1.277	1.219	-	-
July 2020	-	W	1.238	1.207	-	-
August 2019	-	W	1.875	1.811	-	-
South Dakota						
August 2020	W	1.524	W	1.354	-	-
July 2020	W	W	W	1.344	-	-
August 2019	W	W	W	1.894	-	-
Tennessee						
August 2020	-	-	1.287	1.251	-	-
July 2020	-	-	1.285	1.246	-	-
August 2019	-	-	2.004	1.845	-	-
Wisconsin						
August 2020	W	W	1.494	1.271	-	-
July 2020	W	W	1.482	1.253	-	-
August 2019	W	W	2.078	1.833	-	-
PAD District 3						
August 2020	-	-	1.307	1.220	-	W
July 2020	-	-	1.325	1.210	-	W
August 2019	-	-	1.920	1.833	-	W
Alabama						
August 2020	-	-	1.272	1.231	-	-
July 2020	-	-	1.278	1.225	-	-
August 2019	-	-	1.898	1.832	-	-
Arkansas						
August 2020	-	-	W	1.268	-	-
July 2020	-	-	W	1.262	-	-
August 2019	-	-	W	1.839	-	-
Louisiana						
August 2020	-	-	W	1.192	-	-
July 2020	-	-	W	1.180	-	-
August 2019	-	-	1.978	1.824	-	-
Mississippi						
August 2020	-	-	W	1.219	-	-
July 2020	-	-	1.280	1.227	-	-
August 2019	-	-	W	1.836	-	-
New Mexico						
August 2020	-	-	1.720	1.312	-	-
July 2020	-	-	1.714	1.314	-	-
August 2019	-	-	2.064	1.970	-	-
Texas						
August 2020	-	-	1.278	1.223	-	W
July 2020	-	-	1.295	1.211	-	W
August 2019	-	-	1.903	1.832	-	W

See footnotes at end of table.

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

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
August 2020	W	1.723	1.430	1.399	-	-
July 2020	W	1.646	1.351	1.289	-	-
August 2019	W	2.247	1.985	1.963	-	-
Colorado						
August 2020	W	1.637	1.392	1.282	-	-
July 2020	W	1.574	1.379	1.264	-	-
August 2019	-	2.279	2.018	1.943	-	-
Idaho						
August 2020	W	W	1.798	1.453	-	-
July 2020	W	W	1.620	1.251	-	-
August 2019	W	W	2.131	1.869	-	-
Montana						
August 2020	W	1.776	1.470	1.423	-	-
July 2020	W	1.677	1.424	1.350	-	-
August 2019	W	2.170	W	1.903	-	-
Utah						
August 2020	-	2.016	1.418	1.486	-	-
July 2020	-	-	1.263	1.287	-	-
August 2019	-	W	1.989	2.014	-	-
Wyoming						
August 2020	-	1.816	1.331	1.398	-	-
July 2020	-	1.743	1.329	1.306	-	-
August 2019	-	2.336	1.905	2.044	-	-
PAD District 5						
August 2020	W	1.478	1.628	1.425	-	-
July 2020	W	1.463	1.564	1.374	-	-
August 2019	W	2.204	2.233	2.010	-	-
Alaska						
August 2020	W	W	W	W	-	-
July 2020	W	W	W	W	-	-
August 2019	W	W	W	W	-	-
Arizona						
August 2020	-	-	1.457	1.355	-	-
July 2020	-	-	1.445	1.326	-	-
August 2019	-	-	2.081	1.979	-	-
California						
August 2020	-	-	1.796	1.511	-	-
July 2020	-	-	1.761	1.440	-	-
August 2019	-	-	2.384	2.074	-	-
Hawaii						
August 2020	-	-	W	W	-	-
July 2020	-	-	W	W	-	-
August 2019	-	-	W	W	-	-
Nevada						
August 2020	-	-	W	1.390	-	-
July 2020	-	-	W	1.302	-	-
August 2019	-	-	W	1.987	-	-
Oregon						
August 2020	-	W	1.449	1.303	-	-
July 2020	-	-	1.410	1.262	-	-
August 2019	-	-	1.983	1.930	-	-
Washington						
August 2020	-	W	1.352	1.243	-	-
July 2020	-	W	1.346	1.219	-	-
August 2019	W	W	1.972	1.875	-	-

- = 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 2019 are final.

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

Volume of Petroleum Products

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

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States										
August 2020	16,608.0	16,752.5	14,014.4	217,257.0	6,565.7	1,460.7	1,472.3	129.7	1,540.8	-
July 2020	16,609.1	16,745.7	13,573.0	216,485.6	5,572.9	1,444.7	1,456.4	117.9	1,597.3	-
August 2019	20,986.9	21,381.9	17,299.7	245,868.6	11,058.0	1,731.1	1,744.1	160.8	1,822.0	-
PAD District 1										
August 2020	5,265.1	5,272.3	W	61,033.8	W	514.0	517.6	W	W	-
July 2020	5,202.2	5,209.8	W	60,880.2	W	511.2	514.5	W	W	-
August 2019	6,743.6	6,895.3	W	W	3,230.9	593.0	596.4	W	W	-
Subdistrict 1A										
August 2020	W	W	W	W	-	W	W	-	37.5	-
July 2020	W	W	W	W	-	W	W	-	33.5	-
August 2019	W	W	W	W	-	W	W	-	51.2	-
Connecticut										
August 2020	-	W	-	1,875.2	-	-	-	-	7.5	-
July 2020	-	W	-	1,883.5	-	-	-	-	7.0	-
August 2019	-	W	-	2,312.3	-	-	-	-	11.6	-
Maine										
August 2020	-	-	-	620.8	-	-	-	-	W	-
July 2020	-	-	-	605.6	-	-	-	-	W	-
August 2019	-	-	-	W	-	-	-	-	W	-
Massachusetts										
August 2020	W	W	-	1,038.0	-	W	W	-	4.5	-
July 2020	W	W	-	1,000.9	-	W	W	-	4.0	-
August 2019	W	W	-	1,134.5	-	W	W	-	4.3	-
New Hampshire										
August 2020	W	W	W	W	-	W	W	-	-	-
July 2020	W	W	W	W	-	W	W	-	-	-
August 2019	W	W	W	W	-	W	W	-	-	-
Rhode Island										
August 2020	W	W	-	725.8	-	W	W	-	W	-
July 2020	W	W	-	718.6	-	W	W	-	W	-
August 2019	W	W	-	897.7	-	W	W	-	W	-
Vermont										
August 2020	-	-	W	W	-	-	-	-	W	-
July 2020	-	-	W	W	-	-	-	-	W	-
August 2019	-	-	W	W	-	-	-	-	W	-
Subdistrict 1B										
August 2020	2,942.0	2,942.0	W	19,367.5	W	322.0	322.0	W	W	-
July 2020	2,875.8	2,875.8	W	18,716.8	W	316.9	316.9	W	W	-
August 2019	3,624.6	3,624.6	W	22,919.0	W	361.2	361.2	W	W	-
Delaware										
August 2020	W	W	-	895.1	-	W	W	-	8.0	-
July 2020	W	W	-	859.1	-	W	W	-	8.8	-
August 2019	W	W	-	1,949.1	-	W	W	-	13.1	-
District of Columbia										
August 2020	-	-	-	-	-	-	-	-	-	-
July 2020	-	-	-	-	-	-	-	-	-	-
August 2019	-	-	-	-	-	-	-	-	-	-
Maryland										
August 2020	-	-	-	3,251.5	-	-	-	-	50.6	-
July 2020	-	-	-	3,272.8	-	-	-	-	64.4	-
August 2019	-	-	-	3,973.8	-	-	-	-	64.2	-
New Jersey										
August 2020	W	W	W	5,997.4	W	W	W	W	W	-
July 2020	W	W	W	5,762.9	W	W	W	-	27.9	-
August 2019	W	W	W	7,163.5	W	W	W	W	W	-
New York										
August 2020	1,915.3	1,915.3	W	W	-	211.4	211.4	W	W	-
July 2020	1,869.0	1,869.0	W	W	-	207.3	207.3	W	W	-
August 2019	2,340.6	2,340.6	W	W	W	236.3	236.3	W	W	-
Pennsylvania										
August 2020	W	W	-	W	W	W	W	-	16.3	-
July 2020	W	W	-	W	W	W	W	-	17.6	-
August 2019	W	W	-	W	W	W	W	-	16.2	-

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										
August 2020	2,384.4	2,394.3	4,408.3	32,219.0	1,022.6	20,453.1	20,619.1	18,552.4	251,016.9	7,588.3
July 2020	2,347.3	2,356.4	4,247.1	31,658.9	1,148.7	20,401.1	20,558.5	17,938.1	249,741.9	6,721.6
August 2019	2,683.5	2,734.6	4,833.8	31,997.5	1,751.1	25,401.5	25,860.6	22,294.3	279,688.2	12,809.1
PAD District 1										
August 2020	842.0	842.0	W	W	W	6,621.1	6,631.9	W	70,995.0	W
July 2020	829.8	829.8	W	W	256.9	6,543.1	6,554.1	W	70,768.0	W
August 2019	896.3	924.6	W	9,807.5	W	8,233.0	8,416.3	W	83,469.4	W
Subdistrict 1A										
August 2020	W	W	W	W	-	W	W	W	W	-
July 2020	W	W	W	W	-	W	W	W	W	-
August 2019	W	W	W	W	-	W	W	W	W	-
Connecticut										
August 2020	-	-	-	407.6	-	-	W	-	2,290.3	-
July 2020	-	-	-	397.9	-	-	W	-	2,288.4	-
August 2019	-	-	-	432.2	-	-	W	-	2,756.1	-
Maine										
August 2020	-	-	-	W	-	-	-	-	706.2	-
July 2020	-	-	-	W	-	-	-	-	685.2	-
August 2019	-	-	W	W	-	-	-	W	W	-
Massachusetts										
August 2020	W	W	-	192.9	-	W	W	-	1,235.4	-
July 2020	W	W	-	187.3	-	W	W	-	1,192.2	-
August 2019	W	W	-	193.1	-	W	W	-	1,331.9	-
New Hampshire										
August 2020	W	W	W	W	-	W	W	W	W	-
July 2020	W	W	W	W	-	W	W	W	W	-
August 2019	W	W	W	W	-	W	W	W	W	-
Rhode Island										
August 2020	W	W	-	W	-	W	W	-	W	-
July 2020	W	W	-	W	-	W	W	-	W	-
August 2019	W	W	-	W	-	W	W	-	1,076.2	-
Vermont										
August 2020	-	-	W	W	-	-	-	W	W	-
July 2020	-	-	W	W	-	-	-	W	W	-
August 2019	-	-	W	W	-	-	-	W	78.5	-
Subdistrict 1B										
August 2020	573.5	573.5	W	W	W	3,837.5	3,837.5	W	22,719.2	W
July 2020	561.5	561.5	W	3,102.7	W	3,754.1	3,754.1	W	W	W
August 2019	580.4	580.4	W	3,371.3	W	4,566.2	4,566.2	W	W	W
Delaware										
August 2020	W	W	-	119.1	-	W	W	-	1,022.3	-
July 2020	W	W	-	111.3	-	W	W	-	979.1	-
August 2019	W	W	-	225.4	-	W	W	-	2,187.7	-
District of Columbia										
August 2020	-	-	-	-	-	-	-	-	-	-
July 2020	-	-	-	-	-	-	-	-	-	-
August 2019	-	-	-	-	-	-	-	-	-	-
Maryland										
August 2020	-	-	-	563.7	-	-	-	-	3,865.8	-
July 2020	-	-	-	556.2	-	-	-	-	3,893.4	-
August 2019	-	-	-	655.3	-	-	-	-	4,693.2	-
New Jersey										
August 2020	W	W	W	1,052.6	W	W	W	W	W	388.0
July 2020	W	W	W	1,006.0	W	W	W	W	6,796.8	W
August 2019	W	W	W	W	W	W	W	W	8,279.3	W
New York										
August 2020	386.7	386.7	W	992.0	W	2,513.4	2,513.4	W	5,626.9	W
July 2020	378.0	378.0	W	W	W	2,454.3	2,454.3	W	5,420.5	W
August 2019	384.6	384.6	W	W	W	2,961.6	2,961.6	W	W	W
Pennsylvania										
August 2020	W	W	-	W	W	W	W	-	W	W
July 2020	W	W	-	W	W	W	W	-	W	W
August 2019	W	W	-	W	W	W	W	-	W	W

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C										
August 2020	W	W	-	W	W	W	W	-	419.2	-
July 2020	W	W	-	W	W	W	W	-	470.8	-
August 2019	W	W	-	W	W	W	W	-	474.5	-
Florida										
August 2020	W	W	-	11,570.5	-	W	W	-	147.1	-
July 2020	W	W	-	11,684.5	-	W	W	-	176.3	-
August 2019	W	W	-	W	W	W	W	-	153.1	-
Georgia										
August 2020	W	W	-	7,382.5	-	W	W	-	39.8	-
July 2020	W	W	-	7,493.9	-	W	W	-	40.5	-
August 2019	W	W	-	8,605.8	-	W	W	-	55.1	-
North Carolina										
August 2020	W	W	-	8,157.5	-	W	W	-	122.6	-
July 2020	W	W	-	8,337.1	-	W	W	-	126.8	-
August 2019	W	W	-	9,075.1	-	W	W	-	132.5	-
South Carolina										
August 2020	W	W	-	3,890.8	-	W	W	-	43.6	-
July 2020	W	W	-	4,008.5	-	W	W	-	50.7	-
August 2019	W	W	-	4,455.5	-	W	W	-	40.4	-
Virginia										
August 2020	-	-	-	W	W	-	-	-	59.0	-
July 2020	-	-	-	W	W	-	-	-	68.6	-
August 2019	-	W	-	W	W	-	-	-	82.5	-
West Virginia										
August 2020	W	W	-	653.9	-	W	W	-	7.1	-
July 2020	W	W	-	640.8	-	W	W	-	8.0	-
August 2019	W	W	-	W	W	W	W	-	11.0	-
PAD District 2										
August 2020	W	W	W	73,718.1	W	W	W	W	W	-
July 2020	W	W	W	74,764.0	W	W	W	-	419.7	-
August 2019	W	W	-	80,059.7	1,292.5	W	W	-	490.3	-
Illinois										
August 2020	W	W	-	W	W	W	W	-	49.8	-
July 2020	W	W	-	W	W	W	W	-	52.2	-
August 2019	W	W	-	W	W	W	W	-	59.3	-
Indiana										
August 2020	W	W	-	5,640.6	-	W	W	-	14.2	-
July 2020	W	W	-	5,712.8	-	W	W	-	13.3	-
August 2019	W	W	-	5,955.5	-	W	W	-	16.0	-
Iowa										
August 2020	-	W	-	3,255.3	-	-	-	-	49.5	-
July 2020	-	W	-	3,130.5	-	-	-	-	50.1	-
August 2019	-	W	-	3,096.5	-	-	-	-	55.0	-
Kansas										
August 2020	W	W	-	W	W	W	W	-	12.2	-
July 2020	W	W	-	W	W	W	W	-	13.5	-
August 2019	W	W	-	W	W	W	W	-	16.2	-
Kentucky										
August 2020	W	W	-	3,432.4	-	W	W	-	17.6	-
July 2020	W	W	-	3,479.0	-	W	W	-	17.5	-
August 2019	W	W	-	3,928.2	-	W	W	-	13.5	-
Michigan										
August 2020	W	W	-	9,485.4	-	W	W	-	40.3	-
July 2020	W	W	-	9,783.9	-	W	W	-	31.7	-
August 2019	W	W	-	W	W	W	W	-	20.4	-
Minnesota										
August 2020	W	W	W	W	-	W	W	-	55.8	-
July 2020	W	W	W	W	-	W	W	-	58.1	-
August 2019	W	W	-	4,899.0	-	W	40.0	-	64.1	-
Missouri										
August 2020	-	W	-	3,186.5	-	-	-	-	13.2	-
July 2020	-	W	-	3,265.1	-	-	-	-	12.7	-
August 2019	-	W	-	W	W	-	-	-	12.4	-

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C										
August 2020	W	W	-	W	W	W	W	-	W	W
July 2020	W	W	-	W	W	W	W	-	43,669.5	60.5
August 2019	W	W	-	W	W	W	W	-	50,917.5	376.7
Florida										
August 2020	W	W	-	1,790.5	-	W	W	-	13,508.1	-
July 2020	W	W	-	1,817.2	-	W	W	-	13,678.0	-
August 2019	W	W	-	1,971.2	-	W	W	-	W	W
Georgia										
August 2020	W	W	-	1,026.5	-	W	W	-	8,448.7	-
July 2020	W	W	-	1,009.7	-	W	W	-	8,544.1	-
August 2019	W	W	-	1,055.9	-	W	W	-	9,716.8	-
North Carolina										
August 2020	W	W	-	1,153.4	-	W	W	-	9,433.4	-
July 2020	W	W	-	W	W	W	W	-	W	W
August 2019	W	W	-	W	W	W	W	-	W	W
South Carolina										
August 2020	W	W	-	468.1	-	W	W	-	4,402.5	-
July 2020	W	W	-	472.0	-	W	W	-	4,531.2	-
August 2019	W	W	-	469.5	-	W	W	-	4,965.5	-
Virginia										
August 2020	-	-	-	835.8	-	-	-	-	W	W
July 2020	-	-	-	840.9	-	-	-	-	W	W
August 2019	-	W	-	932.9	-	-	W	-	W	W
West Virginia										
August 2020	W	W	-	W	W	W	W	-	W	W
July 2020	W	W	-	W	W	W	W	-	W	W
August 2019	W	W	-	W	W	W	W	-	W	W
PAD District 2										
August 2020	W	W	W	W	378.1	W	W	W	81,962.6	W
July 2020	W	W	W	7,875.6	W	W	W	W	83,059.3	W
August 2019	W	W	-	7,407.6	400.9	W	W	-	87,957.6	1,693.4
Illinois										
August 2020	W	W	-	1,199.0	-	W	W	-	W	W
July 2020	W	W	-	1,176.5	-	W	W	-	W	W
August 2019	W	W	-	W	W	W	W	-	W	W
Indiana										
August 2020	W	W	-	W	W	W	W	-	W	W
July 2020	W	W	-	W	W	W	W	-	W	W
August 2019	W	W	-	W	W	W	W	-	W	W
Iowa										
August 2020	-	-	-	384.0	-	-	W	-	3,688.7	-
July 2020	-	-	-	348.5	-	-	W	-	3,529.0	-
August 2019	-	-	-	296.5	-	-	W	-	3,447.9	-
Kansas										
August 2020	-	-	-	W	W	W	W	-	4,271.8	903.4
July 2020	-	-	-	W	W	W	W	-	W	W
August 2019	-	-	-	W	W	W	W	-	W	W
Kentucky										
August 2020	W	W	-	261.2	-	W	W	-	3,711.2	-
July 2020	W	W	-	258.8	-	W	W	-	3,755.2	-
August 2019	W	W	-	258.2	-	W	W	-	4,199.9	-
Michigan										
August 2020	W	W	-	792.4	-	W	W	-	10,318.0	-
July 2020	W	W	-	822.1	-	W	W	-	10,637.7	-
August 2019	W	W	-	W	W	W	W	-	W	W
Minnesota										
August 2020	W	W	W	W	W	W	W	W	5,380.6	W
July 2020	W	W	W	W	W	W	W	W	5,420.5	W
August 2019	W	W	-	W	W	W	W	-	W	W
Missouri										
August 2020	-	-	-	349.4	-	-	W	-	3,549.0	-
July 2020	-	-	-	365.7	-	-	W	-	3,643.5	-
August 2019	-	-	-	W	W	-	W	-	W	W

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)										
Nebraska										
August 2020	W	W	-	1,487.5	-	W	W	-	12.5	-
July 2020	W	W	-	1,492.7	-	W	W	-	12.6	-
August 2019	W	W	-	1,604.0	-	W	W	-	19.7	-
North Dakota										
August 2020	W	W	W	W	-	W	W	W	W	-
July 2020	W	W	-	827.6	-	W	W	-	14.0	-
August 2019	W	W	-	945.5	-	W	W	-	17.6	-
Ohio										
August 2020	W	W	-	9,303.2	-	W	W	-	26.2	-
July 2020	W	W	-	9,536.5	-	W	W	-	28.7	-
August 2019	W	W	-	10,529.4	-	W	W	-	36.3	-
Oklahoma										
August 2020	W	W	-	W	W	W	W	-	1.6	-
July 2020	W	W	-	W	W	W	W	-	1.2	-
August 2019	W	W	-	4,048.6	162.6	W	W	-	6.5	-
South Dakota										
August 2020	W	W	-	985.2	-	W	W	-	14.0	-
July 2020	W	W	-	1,048.4	-	W	W	-	15.9	-
August 2019	W	W	-	1,141.0	-	W	W	-	15.8	-
Tennessee										
August 2020	W	W	-	8,727.0	-	W	W	-	53.8	-
July 2020	W	W	-	9,025.6	-	W	W	-	56.5	-
August 2019	W	W	-	9,828.5	-	W	W	-	97.3	-
Wisconsin										
August 2020	W	W	-	5,250.8	-	W	W	-	42.2	-
July 2020	W	W	-	5,203.4	-	W	W	-	41.6	-
August 2019	W	W	-	5,324.2	-	W	W	-	40.0	-
PAD District 3										
August 2020	786.9	799.8	178.0	47,146.4	3,369.5	77.4	77.5	-	238.8	-
July 2020	781.0	793.4	184.5	W	W	73.8	74.0	-	221.3	-
August 2019	1,034.6	1,089.3	W	51,600.5	W	95.9	96.3	W	W	-
Alabama										
August 2020	W	W	-	W	W	W	W	-	31.0	-
July 2020	W	W	-	4,938.2	-	W	W	-	29.6	-
August 2019	W	W	-	5,399.6	-	W	W	-	42.9	-
Arkansas										
August 2020	-	-	-	2,900.3	-	-	-	-	11.4	-
July 2020	-	-	-	2,922.7	-	-	-	-	10.9	-
August 2019	-	-	-	2,952.2	-	-	-	-	13.5	-
Louisiana										
August 2020	-	W	-	W	W	-	-	-	10.5	-
July 2020	-	W	-	W	W	-	-	-	10.3	-
August 2019	-	W	-	W	W	-	-	-	12.5	-
Mississippi										
August 2020	-	-	-	W	W	-	-	-	23.8	-
July 2020	-	-	-	2,582.4	541.6	-	-	-	28.2	-
August 2019	-	-	-	W	W	-	-	-	24.6	-
New Mexico										
August 2020	333.1	337.7	W	W	-	44.7	44.7	-	11.7	-
July 2020	325.7	331.5	W	W	-	42.9	42.9	-	12.1	-
August 2019	W	451.3	W	W	-	W	W	W	W	-
Texas										
August 2020	W	W	W	29,957.5	W	W	W	-	150.4	-
July 2020	W	W	W	W	W	W	W	-	130.2	-
August 2019	585.7	586.5	W	32,856.8	W	43.9	44.1	-	146.5	-

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)										
Nebraska										
August 2020	-	-	-	183.3	-	W	W	-	1,683.4	-
July 2020	-	-	-	181.8	-	W	W	-	1,687.2	-
August 2019	-	-	-	171.5	-	W	W	-	1,795.2	-
North Dakota										
August 2020	W	W	W	W	-	W	W	W	W	-
July 2020	W	W	-	132.8	-	W	W	-	974.4	-
August 2019	W	W	-	117.5	-	W	W	-	1,080.7	-
Ohio										
August 2020	W	W	-	792.7	-	W	W	-	10,122.0	-
July 2020	W	W	-	W	W	W	W	-	W	W
August 2019	W	W	-	W	W	W	W	-	W	W
Oklahoma										
August 2020	W	W	-	W	W	W	W	-	4,250.4	285.9
July 2020	W	W	-	W	W	W	W	-	4,332.8	349.6
August 2019	W	W	-	493.2	212.7	W	W	-	4,548.3	375.3
South Dakota										
August 2020	W	W	-	160.8	-	W	W	-	1,160.0	-
July 2020	W	W	-	149.2	-	W	W	-	1,213.4	-
August 2019	W	W	-	143.0	-	W	W	-	1,299.8	-
Tennessee										
August 2020	W	W	-	W	W	W	W	-	W	W
July 2020	W	W	-	939.5	-	W	W	-	10,021.5	-
August 2019	W	W	-	983.1	-	W	W	-	10,908.9	-
Wisconsin										
August 2020	W	W	-	620.4	-	W	W	-	5,913.3	-
July 2020	W	W	-	643.3	-	W	W	-	5,888.3	-
August 2019	W	W	-	553.3	-	W	W	-	5,917.5	-
PAD District 3										
August 2020	80.7	83.8	35.2	5,836.3	279.0	945.0	961.2	213.1	53,221.4	3,648.5
July 2020	77.3	80.0	37.1	W	W	932.1	947.4	221.6	51,261.7	2,974.8
August 2019	95.5	106.8	W	W	599.6	1,226.0	1,292.4	W	57,494.6	W
Alabama										
August 2020	W	W	-	518.2	-	W	W	-	W	W
July 2020	W	W	-	499.0	-	W	W	-	5,466.8	-
August 2019	W	W	-	481.9	-	W	W	-	5,924.5	-
Arkansas										
August 2020	-	-	-	319.6	-	-	-	-	3,231.3	-
July 2020	-	-	-	312.4	-	-	-	-	3,246.0	-
August 2019	-	-	-	270.8	-	-	-	-	3,236.5	-
Louisiana										
August 2020	-	-	-	W	W	-	W	-	6,229.4	2,030.9
July 2020	-	-	-	W	W	-	W	-	6,043.3	921.6
August 2019	-	-	-	W	W	-	W	-	6,645.5	2,583.4
Mississippi										
August 2020	-	-	-	246.2	-	-	-	-	W	W
July 2020	-	-	-	238.3	-	-	-	-	2,848.9	541.6
August 2019	-	-	-	236.6	-	-	-	-	W	W
New Mexico										
August 2020	41.6	42.3	W	W	-	419.5	424.6	W	W	-
July 2020	40.2	40.7	W	W	-	408.8	415.1	W	W	-
August 2019	W	W	W	W	-	W	549.0	W	W	-
Texas										
August 2020	W	W	W	3,937.5	W	W	W	W	34,045.3	W
July 2020	W	W	W	3,703.1	W	W	W	W	W	1,511.5
August 2019	50.4	50.5	W	3,864.0	W	680.1	681.1	W	36,867.3	W

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4										
August 2020	W	W	W	W	-	W	W	-	118.7	-
July 2020	W	W	W	W	W	W	W	-	126.1	-
August 2019	W	W	W	W	W	W	W	-	137.0	-
Colorado										
August 2020	W	148.2	W	W	-	41.2	41.5	-	26.0	-
July 2020	W	152.3	W	W	-	41.9	42.3	-	26.8	-
August 2019	W	172.1	W	W	W	45.5	46.7	-	44.4	-
Idaho										
August 2020	W	W	W	W	-	W	W	-	4.8	-
July 2020	W	W	-	1,516.8	-	W	W	-	W	-
August 2019	W	W	-	1,484.7	-	W	W	-	7.7	-
Montana										
August 2020	W	W	-	1,419.1	-	W	W	-	7.9	-
July 2020	W	W	-	1,430.4	-	W	W	-	6.1	-
August 2019	W	W	-	1,500.6	-	W	W	-	8.1	-
Utah										
August 2020	W	W	W	W	-	W	11.9	-	70.3	-
July 2020	W	W	W	W	-	W	11.9	-	74.4	-
August 2019	W	W	W	W	-	W	W	-	58.8	-
Wyoming										
August 2020	W	9.2	-	910.9	-	W	W	-	9.7	-
July 2020	W	9.8	-	W	W	W	W	-	W	-
August 2019	W	12.9	-	980.0	-	W	W	-	18.0	-
PAD District 5										
August 2020	3,376.7	3,407.6	12,664.6	W	W	508.1	508.7	125.2	184.2	-
July 2020	3,332.7	3,358.4	12,281.6	W	W	496.5	497.2	W	W	-
August 2019	4,601.9	4,666.3	15,722.1	29,655.5	1,332.5	646.2	647.0	W	W	-
Alaska										
August 2020	W	W	W	415.4	-	W	W	W	W	-
July 2020	W	W	W	462.5	-	W	W	W	W	-
August 2019	W	W	106.6	481.1	W	W	W	W	W	-
Arizona										
August 2020	W	W	1,080.2	3,422.1	-	W	W	W	W	-
July 2020	W	W	1,016.5	3,413.2	-	W	W	W	W	-
August 2019	W	316.6	1,257.8	W	W	W	W	W	W	-
California										
August 2020	2,431.1	2,432.0	9,311.6	W	W	434.4	434.5	W	W	-
July 2020	2,378.1	2,379.2	9,119.0	11,887.4	-	423.0	423.1	83.7	102.3	-
August 2019	3,381.2	3,383.0	11,753.4	14,614.8	938.4	559.7	559.7	120.4	165.8	-
Hawaii										
August 2020	W	W	W	W	W	W	W	W	W	-
July 2020	W	W	W	W	W	W	W	W	W	-
August 2019	W	W	W	W	W	W	W	W	W	-
Nevada										
August 2020	W	W	W	W	-	W	W	W	W	-
July 2020	W	W	W	W	-	W	W	W	W	-
August 2019	W	W	W	W	-	W	W	W	W	-
Oregon										
August 2020	79.7	79.7	608.6	2,925.5	-	5.4	5.4	2.5	5.3	-
July 2020	79.5	79.5	592.4	2,897.1	-	5.3	5.3	W	W	-
August 2019	91.3	91.3	727.1	3,318.1	-	6.2	6.2	W	W	-
Washington										
August 2020	274.7	276.7	799.5	4,531.6	-	27.6	27.7	W	W	-
July 2020	279.8	281.9	742.4	4,556.6	-	27.6	27.6	W	W	-
August 2019	370.5	376.8	W	5,302.8	W	32.6	32.8	W	W	-

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4										
August 2020	W	W	W	W	-	W	W	W	W	-
July 2020	W	W	W	W	-	W	W	W	13,527.5	W
August 2019	W	W	W	W	W	W	W	W	14,428.7	W
Colorado										
August 2020	W	35.5	W	W	-	221.2	225.1	W	W	-
July 2020	W	35.2	W	W	-	225.1	229.8	W	W	-
August 2019	W	37.7	W	1,121.9	W	251.4	256.5	W	W	W
Idaho										
August 2020	W	W	W	W	-	W	W	W	W	-
July 2020	W	W	-	W	-	W	W	-	1,864.8	-
August 2019	W	W	-	284.3	-	W	W	-	1,776.8	-
Montana										
August 2020	W	W	-	345.1	-	W	W	-	1,772.1	-
July 2020	W	W	-	358.8	-	W	W	-	1,795.3	-
August 2019	W	W	-	311.9	-	W	W	-	1,820.6	-
Utah										
August 2020	W	W	W	W	-	W	W	W	W	-
July 2020	W	W	W	W	-	W	69.8	W	W	-
August 2019	W	W	W	W	-	W	W	W	W	-
Wyoming										
August 2020	W	W	-	197.1	-	W	12.3	-	1,117.7	-
July 2020	W	W	-	W	-	W	13.0	-	W	W
August 2019	W	W	-	187.4	-	W	16.6	-	1,185.4	-
PAD District 5										
August 2020	909.6	911.3	3,969.0	W	W	4,794.4	4,827.7	16,758.9	W	W
July 2020	890.4	892.0	W	6,181.9	W	4,719.6	4,747.6	16,228.8	31,125.4	343.5
August 2019	1,126.9	1,132.7	4,390.5	W	W	6,375.0	6,446.1	W	36,337.9	W
Alaska										
August 2020	W	W	18.9	W	-	W	W	W	474.4	-
July 2020	W	W	W	W	-	W	W	W	W	-
August 2019	W	W	W	37.8	-	W	W	125.3	W	W
Arizona										
August 2020	W	W	W	W	-	W	W	1,224.7	4,004.7	-
July 2020	W	W	W	W	-	W	W	1,156.8	3,979.2	-
August 2019	W	W	159.9	591.7	-	W	364.8	W	4,764.7	W
California										
August 2020	760.6	760.6	3,204.3	3,887.6	-	3,626.1	3,627.2	W	16,186.1	W
July 2020	739.0	739.0	3,098.1	3,665.8	-	3,540.1	3,541.3	12,300.8	15,655.5	-
August 2019	958.1	958.1	3,571.5	3,828.7	286.4	4,899.0	4,900.8	15,445.2	18,609.4	1,224.8
Hawaii										
August 2020	W	W	W	W	W	W	W	W	W	W
July 2020	W	W	W	W	W	W	W	W	W	W
August 2019	W	W	W	W	W	W	W	W	W	W
Nevada										
August 2020	W	W	W	W	-	W	W	W	W	-
July 2020	W	W	W	W	-	W	W	W	W	-
August 2019	W	W	W	W	-	W	W	W	W	-
Oregon										
August 2020	13.0	13.0	122.8	453.7	-	98.1	98.1	734.0	3,384.4	-
July 2020	13.2	13.2	120.8	W	W	98.1	98.1	W	3,340.9	W
August 2019	14.7	14.7	129.1	W	W	112.2	112.2	W	3,773.4	W
Washington										
August 2020	43.8	43.9	209.5	W	W	346.1	348.3	W	5,617.7	W
July 2020	43.6	43.6	195.3	W	W	351.0	353.2	W	5,629.0	W
August 2019	50.8	51.1	228.2	W	W	453.8	460.7	W	6,434.0	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 2019 are final. Totals may not equal the sum of the components due to rounding.

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

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

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States					
August 2020	12,841.9	12,989.3	W	181,804.3	W
July 2020	12,960.1	13,100.3	W	182,613.8	W
August 2019	15,775.0	16,151.5	4,490.9	198,924.5	9,935.6
PAD District 1					
August 2020	W	W	W	46,857.6	W
July 2020	W	W	W	W	1,564.5
August 2019	W	W	W	53,820.6	W
Subdistrict 1A					
August 2020	-	-	W	W	-
July 2020	-	-	W	W	-
August 2019	-	-	W	W	-
Connecticut					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	-
August 2019	-	-	-	-	-
Maine					
August 2020	-	-	-	W	-
July 2020	-	-	-	W	-
August 2019	-	-	W	W	-
Massachusetts					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	-
August 2019	-	-	-	-	-
New Hampshire					
August 2020	-	-	W	-	-
July 2020	-	-	W	-	-
August 2019	-	-	W	-	-
Rhode Island					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	-
August 2019	-	-	-	-	-
Vermont					
August 2020	-	-	W	W	-
July 2020	-	-	W	W	-
August 2019	-	-	W	78.5	-
Subdistrict 1B					
August 2020	W	W	W	6,862.2	W
July 2020	W	W	W	6,676.5	W
August 2019	W	W	W	W	W
Delaware					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	-
August 2019	-	-	-	-	-
District of Columbia					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	-
August 2019	-	-	-	-	-
Maryland					
August 2020	-	-	-	W	-
July 2020	-	-	-	W	-
August 2019	-	-	-	546.0	-
New Jersey					
August 2020	-	-	-	-	W
July 2020	-	-	-	-	W
August 2019	-	-	-	-	-
New York					
August 2020	W	W	W	W	W
July 2020	W	W	W	W	W
August 2019	W	W	W	W	-
Pennsylvania					
August 2020	W	W	-	W	W
July 2020	W	W	-	W	W
August 2019	W	W	-	W	W

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States					
August 2020	7,611.2	7,629.8	W	69,212.6	W
July 2020	7,441.1	7,458.2	W	67,128.0	W
August 2019	9,626.5	9,709.2	17,803.4	80,763.6	2,873.5
PAD District 1					
August 2020	W	W	W	24,137.4	W
July 2020	W	W	W	W	W
August 2019	W	W	W	29,648.7	W
Subdistrict 1A					
August 2020	W	W	-	4,788.4	-
July 2020	W	W	-	4,718.5	-
August 2019	W	W	-	5,596.8	-
Connecticut					
August 2020	-	W	-	2,290.3	-
July 2020	-	W	-	2,288.4	-
August 2019	-	W	-	2,756.1	-
Maine					
August 2020	-	-	-	W	-
July 2020	-	-	-	W	-
August 2019	-	-	-	W	-
Massachusetts					
August 2020	W	W	-	1,235.4	-
July 2020	W	W	-	1,192.2	-
August 2019	W	W	-	1,331.9	-
New Hampshire					
August 2020	W	W	-	W	-
July 2020	W	W	-	W	-
August 2019	W	W	-	W	-
Rhode Island					
August 2020	W	W	-	W	-
July 2020	W	W	-	W	-
August 2019	W	W	-	W	-
Vermont					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	-
August 2019	-	-	-	-	-
Subdistrict 1B					
August 2020	W	W	W	15,857.0	W
July 2020	W	W	W	W	W
August 2019	W	W	W	19,607.7	W
Delaware					
August 2020	W	W	-	1,022.3	-
July 2020	W	W	-	979.1	-
August 2019	W	W	-	2,187.7	-
District of Columbia					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	-
August 2019	-	-	-	-	-
Maryland					
August 2020	-	-	-	W	-
July 2020	-	-	-	W	-
August 2019	-	-	-	4,147.2	-
New Jersey					
August 2020	W	W	W	W	W
July 2020	W	W	W	6,796.8	W
August 2019	W	W	W	8,279.3	W
New York					
August 2020	W	W	W	W	-
July 2020	W	W	W	W	-
August 2019	W	W	W	W	W
Pennsylvania					
August 2020	W	W	-	W	W
July 2020	W	W	-	W	W
August 2019	W	W	-	W	W

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States					
August 2020	20,453.1	20,619.1	18,552.4	251,016.9	7,588.3
July 2020	20,401.1	20,558.5	17,938.1	249,741.9	6,721.6
August 2019	25,401.5	25,860.6	22,294.3	279,688.2	12,809.1
PAD District 1					
August 2020	6,621.1	6,631.9	W	70,995.0	W
July 2020	6,543.1	6,554.1	W	70,768.0	W
August 2019	8,233.0	8,416.3	W	83,469.4	W
Subdistrict 1A					
August 2020	W	W	W	W	-
July 2020	W	W	W	W	-
August 2019	W	W	W	W	-
Connecticut					
August 2020	-	W	-	2,290.3	-
July 2020	-	W	-	2,288.4	-
August 2019	-	W	-	2,756.1	-
Maine					
August 2020	-	-	-	706.2	-
July 2020	-	-	-	685.2	-
August 2019	-	-	W	W	-
Massachusetts					
August 2020	W	W	-	1,235.4	-
July 2020	W	W	-	1,192.2	-
August 2019	W	W	-	1,331.9	-
New Hampshire					
August 2020	W	W	W	W	-
July 2020	W	W	W	W	-
August 2019	W	W	W	W	-
Rhode Island					
August 2020	W	W	-	W	-
July 2020	W	W	-	W	-
August 2019	W	W	-	1,076.2	-
Vermont					
August 2020	-	-	W	W	-
July 2020	-	-	W	W	-
August 2019	-	-	W	78.5	-
Subdistrict 1B					
August 2020	3,837.5	3,837.5	W	22,719.2	W
July 2020	3,754.1	3,754.1	W	W	W
August 2019	4,566.2	4,566.2	W	W	W
Delaware					
August 2020	W	W	-	1,022.3	-
July 2020	W	W	-	979.1	-
August 2019	W	W	-	2,187.7	-
District of Columbia					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	-
August 2019	-	-	-	-	-
Maryland					
August 2020	-	-	-	3,865.8	-
July 2020	-	-	-	3,893.4	-
August 2019	-	-	-	4,693.2	-
New Jersey					
August 2020	W	W	W	W	388.0
July 2020	W	W	W	6,796.8	W
August 2019	W	W	W	8,279.3	W
New York					
August 2020	2,513.4	2,513.4	W	5,626.9	W
July 2020	2,454.3	2,454.3	W	5,420.5	W
August 2019	2,961.6	2,961.6	W	W	W
Pennsylvania					
August 2020	W	W	-	W	W
July 2020	W	W	-	W	W
August 2019	W	W	-	W	W

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C					
August 2020	W	W	-	W	W
July 2020	W	W	-	W	W
August 2019	W	W	-	46,473.4	376.7
Florida					
August 2020	W	W	-	13,508.1	-
July 2020	W	W	-	13,678.0	-
August 2019	W	W	-	W	W
Georgia					
August 2020	W	W	-	8,448.7	-
July 2020	W	W	-	8,544.1	-
August 2019	W	W	-	9,716.8	-
North Carolina					
August 2020	W	W	-	9,433.4	-
July 2020	W	W	-	W	-
August 2019	W	W	-	W	W
South Carolina					
August 2020	W	W	-	4,402.5	-
July 2020	W	W	-	4,531.2	-
August 2019	W	W	-	4,965.5	-
Virginia					
August 2020	-	-	-	W	W
July 2020	-	-	-	W	W
August 2019	-	-	-	W	W
West Virginia					
August 2020	W	W	-	W	W
July 2020	W	W	-	W	W
August 2019	W	W	-	W	W
PAD District 2					
August 2020	W	W	W	W	W
July 2020	W	W	W	W	W
August 2019	W	W	-	W	W
Illinois					
August 2020	W	W	-	3,739.7	-
July 2020	W	W	-	3,719.8	-
August 2019	W	W	-	W	W
Indiana					
August 2020	W	W	-	W	W
July 2020	W	W	-	W	W
August 2019	W	W	-	W	W
Iowa					
August 2020	-	W	-	3,688.7	-
July 2020	-	W	-	3,529.0	-
August 2019	-	W	-	3,447.9	-
Kansas					
August 2020	W	W	-	4,271.8	903.4
July 2020	W	W	-	W	W
August 2019	W	W	-	W	W
Kentucky					
August 2020	W	W	-	2,894.9	-
July 2020	W	W	-	2,916.7	-
August 2019	W	W	-	3,309.2	-
Michigan					
August 2020	W	W	-	10,318.0	-
July 2020	W	W	-	10,637.7	-
August 2019	W	W	-	W	W
Minnesota					
August 2020	W	W	W	5,380.6	W
July 2020	W	W	W	5,420.5	W
August 2019	W	W	-	W	W
Missouri					
August 2020	-	W	-	3,045.4	-
July 2020	-	W	-	3,128.5	-
August 2019	-	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
Subdistrict 1C					
August 2020	-	-	-	3,492.0	-
July 2020	-	-	-	W	W
August 2019	-	W	-	4,444.2	-
Florida					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	-
August 2019	-	-	-	-	-
Georgia					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	-
August 2019	-	-	-	-	-
North Carolina					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	W
August 2019	-	-	-	-	-
South Carolina					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	-
August 2019	-	-	-	-	-
Virginia					
August 2020	-	-	-	3,492.0	-
July 2020	-	-	-	W	-
August 2019	-	W	-	4,444.2	-
West Virginia					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	-
August 2019	-	-	-	-	-
PAD District 2					
August 2020	W	W	-	W	W
July 2020	W	W	-	W	W
August 2019	W	W	-	W	W
Illinois					
August 2020	W	W	-	W	W
July 2020	W	W	-	W	W
August 2019	W	W	-	W	W
Indiana					
August 2020	W	W	-	872.2	-
July 2020	W	W	-	916.4	-
August 2019	W	W	-	972.4	-
Iowa					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	-
August 2019	-	-	-	-	-
Kansas					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	-
August 2019	-	-	-	-	-
Kentucky					
August 2020	W	W	-	816.2	-
July 2020	W	W	-	838.5	-
August 2019	W	W	-	890.8	-
Michigan					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	-
August 2019	-	-	-	-	-
Minnesota					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	-
August 2019	-	-	-	-	-
Missouri					
August 2020	-	-	-	503.7	-
July 2020	-	-	-	515.0	-
August 2019	-	-	-	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
Subdistrict 1C					
August 2020	W	W	-	W	W
July 2020	W	W	-	43,669.5	60.5
August 2019	W	W	-	50,917.5	376.7
Florida					
August 2020	W	W	-	13,508.1	-
July 2020	W	W	-	13,678.0	-
August 2019	W	W	-	W	W
Georgia					
August 2020	W	W	-	8,448.7	-
July 2020	W	W	-	8,544.1	-
August 2019	W	W	-	9,716.8	-
North Carolina					
August 2020	W	W	-	9,433.4	-
July 2020	W	W	-	W	W
August 2019	W	W	-	W	W
South Carolina					
August 2020	W	W	-	4,402.5	-
July 2020	W	W	-	4,531.2	-
August 2019	W	W	-	4,965.5	-
Virginia					
August 2020	-	-	-	W	W
July 2020	-	-	-	W	W
August 2019	-	W	-	W	W
West Virginia					
August 2020	W	W	-	W	W
July 2020	W	W	-	W	W
August 2019	W	W	-	W	W
PAD District 2					
August 2020	W	W	W	81,962.6	W
July 2020	W	W	W	83,059.3	W
August 2019	W	W	-	87,957.6	1,693.4
Illinois					
August 2020	W	W	-	W	W
July 2020	W	W	-	W	W
August 2019	W	W	-	W	W
Indiana					
August 2020	W	W	-	W	W
July 2020	W	W	-	W	W
August 2019	W	W	-	W	W
Iowa					
August 2020	-	W	-	3,688.7	-
July 2020	-	W	-	3,529.0	-
August 2019	-	W	-	3,447.9	-
Kansas					
August 2020	W	W	-	4,271.8	903.4
July 2020	W	W	-	W	W
August 2019	W	W	-	W	W
Kentucky					
August 2020	W	W	-	3,711.2	-
July 2020	W	W	-	3,755.2	-
August 2019	W	W	-	4,199.9	-
Michigan					
August 2020	W	W	-	10,318.0	-
July 2020	W	W	-	10,637.7	-
August 2019	W	W	-	W	W
Minnesota					
August 2020	W	W	W	5,380.6	W
July 2020	W	W	W	5,420.5	W
August 2019	W	W	-	W	W
Missouri					
August 2020	-	W	-	3,549.0	-
July 2020	-	W	-	3,643.5	-
August 2019	-	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
PAD District 2 (cont.)					
Nebraska					
August 2020	W	W	-	1,683.4	-
July 2020	W	W	-	1,687.2	-
August 2019	W	W	-	1,795.2	-
North Dakota					
August 2020	W	W	W	W	-
July 2020	W	W	-	974.4	-
August 2019	W	W	-	1,080.7	-
Ohio					
August 2020	W	W	-	10,122.0	-
July 2020	W	W	-	W	W
August 2019	W	W	-	W	W
Oklahoma					
August 2020	W	W	-	4,250.4	285.9
July 2020	W	W	-	4,332.8	349.6
August 2019	W	W	-	4,548.3	375.3
South Dakota					
August 2020	W	W	-	1,160.0	-
July 2020	W	W	-	1,213.4	-
August 2019	W	W	-	1,299.8	-
Tennessee					
August 2020	W	W	-	W	W
July 2020	W	W	-	10,021.5	-
August 2019	W	W	-	10,908.9	-
Wisconsin					
August 2020	W	W	-	4,338.5	-
July 2020	W	W	-	4,298.1	-
August 2019	W	W	-	4,278.4	-
PAD District 3					
August 2020	W	W	213.1	W	W
July 2020	W	W	221.6	W	W
August 2019	W	W	W	40,607.7	W
Alabama					
August 2020	W	W	-	W	W
July 2020	W	W	-	5,466.8	-
August 2019	W	W	-	5,924.5	-
Arkansas					
August 2020	-	-	-	3,231.3	-
July 2020	-	-	-	3,246.0	-
August 2019	-	-	-	3,236.5	-
Louisiana					
August 2020	-	W	-	W	2,030.9
July 2020	-	W	-	W	921.6
August 2019	-	W	-	6,645.5	2,583.4
Mississippi					
August 2020	-	-	-	W	W
July 2020	-	-	-	2,848.9	541.6
August 2019	-	-	-	W	W
New Mexico					
August 2020	419.5	424.6	W	W	-
July 2020	408.8	415.1	W	W	-
August 2019	W	549.0	W	W	-
Texas					
August 2020	W	W	W	W	W
July 2020	W	W	W	17,971.4	W
August 2019	W	W	W	W	W

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)					
Nebraska					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	-
August 2019	-	-	-	-	-
North Dakota					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	-
August 2019	-	-	-	-	-
Ohio					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	-
August 2019	-	-	-	-	-
Oklahoma					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	-
August 2019	-	-	-	-	-
South Dakota					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	-
August 2019	-	-	-	-	-
Tennessee					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	-
August 2019	-	-	-	-	-
Wisconsin					
August 2020	W	W	-	1,574.9	-
July 2020	W	W	-	1,590.2	-
August 2019	W	W	-	1,639.1	-
PAD District 3					
August 2020	W	W	-	W	-
July 2020	W	W	-	W	W
August 2019	W	W	-	16,886.9	-
Alabama					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	-
August 2019	-	-	-	-	-
Arkansas					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	-
August 2019	-	-	-	-	-
Louisiana					
August 2020	-	-	-	W	-
July 2020	-	-	-	W	-
August 2019	-	-	-	-	-
Mississippi					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	-
August 2019	-	-	-	-	-
New Mexico					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	-
August 2019	-	-	-	-	-
Texas					
August 2020	W	W	-	W	-
July 2020	W	W	-	W	W
August 2019	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					
August 2020	W	W	-	1,683.4	-
July 2020	W	W	-	1,687.2	-
August 2019	W	W	-	1,795.2	-
North Dakota					
August 2020	W	W	W	W	-
July 2020	W	W	-	974.4	-
August 2019	W	W	-	1,080.7	-
Ohio					
August 2020	W	W	-	10,122.0	-
July 2020	W	W	-	W	W
August 2019	W	W	-	W	W
Oklahoma					
August 2020	W	W	-	4,250.4	285.9
July 2020	W	W	-	4,332.8	349.6
August 2019	W	W	-	4,548.3	375.3
South Dakota					
August 2020	W	W	-	1,160.0	-
July 2020	W	W	-	1,213.4	-
August 2019	W	W	-	1,299.8	-
Tennessee					
August 2020	W	W	-	W	W
July 2020	W	W	-	10,021.5	-
August 2019	W	W	-	10,908.9	-
Wisconsin					
August 2020	W	W	-	5,913.3	-
July 2020	W	W	-	5,888.3	-
August 2019	W	W	-	5,917.5	-
PAD District 3					
August 2020	945.0	961.2	213.1	53,221.4	3,648.5
July 2020	932.1	947.4	221.6	51,261.7	2,974.8
August 2019	1,226.0	1,292.4	W	57,494.6	W
Alabama					
August 2020	W	W	-	W	W
July 2020	W	W	-	5,466.8	-
August 2019	W	W	-	5,924.5	-
Arkansas					
August 2020	-	-	-	3,231.3	-
July 2020	-	-	-	3,246.0	-
August 2019	-	-	-	3,236.5	-
Louisiana					
August 2020	-	W	-	6,229.4	2,030.9
July 2020	-	W	-	6,043.3	921.6
August 2019	-	W	-	6,645.5	2,583.4
Mississippi					
August 2020	-	-	-	W	W
July 2020	-	-	-	2,848.9	541.6
August 2019	-	-	-	W	W
New Mexico					
August 2020	419.5	424.6	W	W	-
July 2020	408.8	415.1	W	W	-
August 2019	W	549.0	W	W	-
Texas					
August 2020	W	W	W	34,045.3	W
July 2020	W	W	W	W	1,511.5
August 2019	680.1	681.1	W	36,867.3	W

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4					
August 2020	W	W	W	W	-
July 2020	W	W	W	13,527.5	W
August 2019	W	W	W	14,428.7	W
Colorado					
August 2020	221.2	225.1	W	W	-
July 2020	225.1	229.8	W	W	-
August 2019	251.4	256.5	W	W	W
Idaho					
August 2020	W	W	W	W	-
July 2020	W	W	-	1,864.8	-
August 2019	W	W	-	1,776.8	-
Montana					
August 2020	W	W	-	1,772.1	-
July 2020	W	W	-	1,795.3	-
August 2019	W	W	-	1,820.6	-
Utah					
August 2020	W	W	W	W	-
July 2020	W	69.8	W	W	-
August 2019	W	W	W	W	-
Wyoming					
August 2020	W	12.3	-	1,117.7	-
July 2020	W	13.0	-	W	W
August 2019	W	16.6	-	1,185.4	-
PAD District 5					
August 2020	1,168.3	1,199.3	3,177.8	W	W
July 2020	1,179.6	1,204.8	3,007.4	13,000.1	343.5
August 2019	1,476.0	1,543.6	W	W	W
Alaska					
August 2020	W	W	W	474.4	-
July 2020	W	W	W	W	-
August 2019	W	W	125.3	W	W
Arizona					
August 2020	W	W	W	1,468.9	-
July 2020	W	W	W	W	-
August 2019	W	W	W	W	-
California					
August 2020	-	-	-	W	-
July 2020	-	-	-	W	-
August 2019	-	-	-	-	W
Hawaii					
August 2020	W	W	W	W	W
July 2020	W	W	W	W	W
August 2019	W	W	W	W	W
Nevada					
August 2020	W	W	W	W	-
July 2020	W	W	W	1,852.0	-
August 2019	W	W	W	W	-
Oregon					
August 2020	98.1	98.1	734.0	3,384.4	-
July 2020	98.1	98.1	W	3,340.9	W
August 2019	112.2	112.2	W	3,773.4	W
Washington					
August 2020	346.1	348.3	W	5,617.7	W
July 2020	351.0	353.2	W	5,629.0	W
August 2019	453.8	460.7	W	6,434.0	W

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	-
August 2019	-	-	-	-	-
Colorado					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	-
August 2019	-	-	-	-	-
Idaho					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	-
August 2019	-	-	-	-	-
Montana					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	-
August 2019	-	-	-	-	-
Utah					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	-
August 2019	-	-	-	-	-
Wyoming					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	-
August 2019	-	-	-	-	-
PAD District 5					
August 2020	3,626.1	3,628.4	13,581.1	W	W
July 2020	3,540.1	3,542.7	13,221.4	18,125.3	-
August 2019	4,899.0	4,902.4	W	W	W
Alaska					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	-
August 2019	-	-	-	-	-
Arizona					
August 2020	-	W	W	2,535.8	-
July 2020	-	W	W	W	-
August 2019	-	W	W	W	W
California					
August 2020	3,626.1	W	W	W	W
July 2020	3,540.1	W	W	W	-
August 2019	4,899.0	W	15,445.2	18,609.4	W
Hawaii					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	-
August 2019	-	-	-	-	-
Nevada					
August 2020	-	-	-	-	-
July 2020	-	-	-	W	-
August 2019	-	-	-	-	-
Oregon					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	-
August 2019	-	-	-	-	-
Washington					
August 2020	-	-	-	-	-
July 2020	-	-	-	-	-
August 2019	-	-	-	-	-

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4					
August 2020	W	W	W	W	-
July 2020	W	W	W	13,527.5	W
August 2019	W	W	W	14,428.7	W
Colorado					
August 2020	221.2	225.1	W	W	-
July 2020	225.1	229.8	W	W	-
August 2019	251.4	256.5	W	W	W
Idaho					
August 2020	W	W	W	W	-
July 2020	W	W	-	1,864.8	-
August 2019	W	W	-	1,776.8	-
Montana					
August 2020	W	W	-	1,772.1	-
July 2020	W	W	-	1,795.3	-
August 2019	W	W	-	1,820.6	-
Utah					
August 2020	W	W	W	W	-
July 2020	W	69.8	W	W	-
August 2019	W	W	W	W	-
Wyoming					
August 2020	W	12.3	-	1,117.7	-
July 2020	W	13.0	-	W	W
August 2019	W	16.6	-	1,185.4	-
PAD District 5					
August 2020	4,794.4	4,827.7	16,758.9	W	W
July 2020	4,719.6	4,747.6	16,228.8	31,125.4	343.5
August 2019	6,375.0	6,446.1	W	36,337.9	W
Alaska					
August 2020	W	W	W	474.4	-
July 2020	W	W	W	W	-
August 2019	W	W	125.3	W	W
Arizona					
August 2020	W	W	1,224.7	4,004.7	-
July 2020	W	W	1,156.8	3,979.2	-
August 2019	W	364.8	W	4,764.7	W
California					
August 2020	3,626.1	3,627.2	W	16,186.1	W
July 2020	3,540.1	3,541.3	12,300.8	15,655.5	-
August 2019	4,899.0	4,900.8	15,445.2	18,609.4	1,224.8
Hawaii					
August 2020	W	W	W	W	W
July 2020	W	W	W	W	W
August 2019	W	W	W	W	W
Nevada					
August 2020	W	W	W	W	-
July 2020	W	W	W	W	-
August 2019	W	W	W	W	-
Oregon					
August 2020	98.1	98.1	734.0	3,384.4	-
July 2020	98.1	98.1	W	3,340.9	W
August 2019	112.2	112.2	W	3,773.4	W
Washington					
August 2020	346.1	348.3	W	5,617.7	W
July 2020	351.0	353.2	W	5,629.0	W
August 2019	453.8	460.7	W	6,434.0	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 2019 are final. Totals may not equal the sum of the components due to rounding.

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

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

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States										
August 2020	5.3	412.2	21,106.3	17,829.4	1.5	758.8	W	200.6	2,351.0	17,900.9
July 2020	4.5	400.8	20,195.7	18,006.4	1.4	1,096.3	50.0	155.4	2,196.6	19,016.4
August 2019	W	513.1	31,926.4	44,806.6	W	843.5	41.9	190.2	2,525.6	27,039.3
PAD District 1										
August 2020	W	109.4	2,658.6	2,564.0	0.8	404.0	-	W	-	2,433.3
July 2020	W	108.3	2,367.8	2,328.8	W	W	-	W	-	2,197.2
August 2019	W	161.0	5,773.6	9,126.2	W	18.8	-	W	-	3,095.5
Subdistrict 1A										
August 2020	W	W	111.6	W	W	-	-	-	-	121.2
July 2020	W	W	123.6	214.9	W	-	-	-	-	124.6
August 2019	W	W	182.3	1,149.8	W	-	-	-	-	220.8
Connecticut										
August 2020	-	-	W	6.6	-	-	-	-	-	W
July 2020	-	-	W	W	-	-	-	-	-	W
August 2019	-	-	W	W	-	-	-	-	-	17.6
Maine										
August 2020	-	W	W	W	-	-	-	-	-	W
July 2020	W	W	W	W	-	-	-	-	-	W
August 2019	W	W	W	W	-	-	-	-	-	80.5
Massachusetts										
August 2020	W	-	38.4	W	W	-	-	-	-	W
July 2020	-	-	W	W	W	-	-	-	-	W
August 2019	-	-	W	1,087.8	W	-	-	-	-	W
New Hampshire										
August 2020	-	-	W	W	W	-	-	-	-	W
July 2020	-	-	W	-	W	-	-	-	-	W
August 2019	-	-	W	-	W	-	-	-	-	W
Rhode Island										
August 2020	-	-	W	W	W	-	-	-	-	W
July 2020	-	-	W	W	W	-	-	-	-	W
August 2019	-	-	W	W	-	-	-	-	-	W
Vermont										
August 2020	-	-	W	W	-	-	-	-	-	W
July 2020	-	-	W	W	-	-	-	-	-	W
August 2019	-	-	W	W	-	-	-	-	-	W
Subdistrict 1B										
August 2020	W	W	1,414.2	1,295.8	0.5	W	-	W	-	1,119.6
July 2020	W	W	1,234.8	1,247.8	W	W	-	W	-	1,000.2
August 2019	W	W	2,635.1	6,247.8	W	W	-	W	-	1,190.0
Delaware										
August 2020	-	-	-	-	W	-	-	-	-	W
July 2020	-	-	-	-	W	-	-	-	-	W
August 2019	-	-	-	W	W	-	-	-	-	W
District of Columbia										
August 2020	-	-	-	-	-	-	-	-	-	-
July 2020	-	-	-	-	-	-	-	-	-	-
August 2019	-	-	-	-	-	-	-	-	-	-
Maryland										
August 2020	-	-	W	26.4	-	W	-	-	-	W
July 2020	-	-	W	W	-	W	-	-	-	W
August 2019	-	-	W	W	-	W	-	-	-	W
New Jersey										
August 2020	-	-	595.6	1,101.2	W	W	-	-	-	164.5
July 2020	-	-	388.9	1,026.5	W	W	-	-	-	140.1
August 2019	-	-	1,110.8	3,937.3	W	-	-	-	-	206.3
New York										
August 2020	W	W	573.6	28.8	W	W	-	-	-	227.0
July 2020	W	W	545.5	W	W	W	-	W	-	190.0
August 2019	W	W	1,289.6	67.5	W	5.2	-	-	-	250.4
Pennsylvania										
August 2020	W	W	W	139.4	0.3	W	-	W	-	591.3
July 2020	-	W	W	122.2	W	-	-	W	-	527.3
August 2019	W	W	W	2,155.1	W	W	-	W	-	599.0

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C										
August 2020	-	W	1,132.8	W	W	W	-	W	-	1,192.5
July 2020	W	W	1,009.4	866.1	W	W	-	W	-	1,072.4
August 2019	W	110.0	2,956.1	1,728.6	W	W	-	W	-	1,684.7
Florida										
August 2020	-	W	711.5	533.8	W	-	-	-	-	215.1
July 2020	W	W	720.5	629.2	W	-	-	-	-	250.5
August 2019	-	73.6	1,927.9	1,308.7	-	-	-	-	-	284.2
Georgia										
August 2020	-	W	W	41.0	-	W	-	W	-	245.7
July 2020	W	W	W	W	-	W	-	W	-	238.4
August 2019	W	W	W	W	-	W	-	W	-	300.8
North Carolina										
August 2020	-	-	20.7	129.8	W	W	-	-	-	341.4
July 2020	-	-	53.9	68.6	W	W	-	-	-	211.6
August 2019	-	W	W	173.5	W	W	-	W	-	487.6
South Carolina										
August 2020	-	-	W	54.5	W	-	-	-	-	263.1
July 2020	-	-	W	67.0	W	-	-	-	-	225.6
August 2019	-	-	W	77.1	-	W	-	-	-	328.2
Virginia										
August 2020	-	W	245.1	37.6	-	-	-	-	-	W
July 2020	-	W	92.8	60.6	-	W	-	-	-	W
August 2019	-	W	540.8	93.5	-	-	-	-	-	W
West Virginia										
August 2020	-	-	W	W	W	-	-	-	-	W
July 2020	-	-	-	W	W	-	-	-	-	W
August 2019	-	-	-	W	W	-	-	-	-	W
PAD District 2										
August 2020	W	W	5,739.1	2,910.6	W	W	2.3	103.1	W	6,418.6
July 2020	W	W	5,280.8	2,664.9	W	12.6	2.7	61.6	W	6,270.1
August 2019	W	135.9	6,115.3	5,617.6	W	W	4.5	87.0	W	7,442.7
Illinois										
August 2020	W	W	1,348.4	W	W	W	W	W	-	1,388.7
July 2020	-	W	983.2	W	W	W	W	4.8	-	1,475.3
August 2019	W	W	1,677.8	W	W	W	W	W	-	1,316.0
Indiana										
August 2020	-	-	657.1	106.2	W	0.7	-	W	-	420.1
July 2020	-	-	675.0	101.9	W	1.2	-	W	-	368.4
August 2019	-	-	868.3	453.7	W	W	-	W	-	342.2
Iowa										
August 2020	-	-	22.9	W	-	W	-	W	-	W
July 2020	-	-	19.1	W	-	-	-	W	W	W
August 2019	-	-	W	111.8	-	-	-	15.5	W	289.1
Kansas										
August 2020	W	W	W	W	-	W	W	18.5	-	1,448.8
July 2020	W	W	W	W	-	W	W	6.9	-	1,516.6
August 2019	W	W	W	W	-	W	W	14.7	-	1,711.3
Kentucky										
August 2020	W	W	W	218.6	W	W	-	W	W	410.1
July 2020	W	W	1,305.2	193.0	W	W	W	-	W	438.1
August 2019	W	W	1,237.3	382.4	W	W	-	W	W	482.5
Michigan										
August 2020	W	-	W	439.3	W	W	W	W	W	291.4
July 2020	W	-	120.6	310.5	W	W	W	W	W	251.5
August 2019	-	-	W	647.6	W	W	W	6.4	W	547.7
Minnesota										
August 2020	W	W	W	561.9	W	W	W	15.1	W	330.5
July 2020	W	W	W	463.2	W	W	-	11.1	W	329.0
August 2019	W	W	102.0	1,192.9	W	W	W	18.2	W	381.7
Missouri										
August 2020	W	-	W	W	-	-	-	W	-	142.5
July 2020	W	-	W	W	-	-	W	W	-	126.7
August 2019	W	-	W	W	-	-	W	0.6	W	242.7

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)										
Nebraska										
August 2020	W	-	W	W	-	-	-	1.7	W	W
July 2020	NA	-	W	W	-	-	-	2.3	W	W
August 2019	W	-	W	W	-	-	-	W	-	110.3
North Dakota										
August 2020	-	-	W	W	-	-	W	8.5	W	479.2
July 2020	-	-	W	W	-	-	W	4.5	W	428.3
August 2019	-	-	W	W	NA	W	W	W	W	526.0
Ohio										
August 2020	W	-	278.7	353.0	W	W	-	W	-	483.7
July 2020	W	-	300.2	210.6	W	W	-	W	-	466.6
August 2019	W	-	425.8	603.8	W	W	-	W	-	563.8
Oklahoma										
August 2020	W	-	W	279.1	-	W	-	W	W	200.7
July 2020	W	-	W	W	-	W	-	W	W	176.2
August 2019	W	W	W	419.6	-	W	-	W	-	256.1
South Dakota										
August 2020	-	-	W	-	-	-	W	1.9	W	W
July 2020	-	-	W	-	-	-	W	W	W	W
August 2019	-	-	W	-	-	-	W	W	W	72.9
Tennessee										
August 2020	W	W	W	126.9	W	W	-	-	-	154.3
July 2020	-	W	W	163.0	W	-	-	-	-	131.2
August 2019	-	W	W	204.0	W	W	-	-	-	137.1
Wisconsin										
August 2020	-	-	W	W	W	-	W	W	W	301.5
July 2020	-	-	W	W	W	-	W	W	W	321.1
August 2019	-	-	W	13.2	W	W	W	W	W	463.3
PAD District 3										
August 2020	W	136.3	4,674.2	6,127.0	-	342.3	-	-	2,203.6	6,799.3
July 2020	W	118.6	4,403.3	7,005.3	-	W	-	-	2,042.0	8,320.6
August 2019	W	W	5,478.7	19,804.5	-	803.0	-	-	2,353.5	14,115.6
Alabama										
August 2020	-	W	41.7	56.9	-	W	-	-	-	170.0
July 2020	-	W	48.5	245.1	-	W	-	-	-	96.1
August 2019	W	W	80.2	64.8	-	W	-	-	-	152.0
Arkansas										
August 2020	W	-	W	W	-	-	-	-	-	W
July 2020	-	-	W	W	-	-	-	-	-	W
August 2019	W	W	W	W	-	-	-	-	-	W
Louisiana										
August 2020	W	W	260.0	1,298.5	-	W	-	-	688.4	147.9
July 2020	-	W	471.0	2,217.2	-	W	-	-	773.3	244.5
August 2019	-	7.7	785.2	5,300.2	-	W	-	-	W	361.1
Mississippi										
August 2020	-	W	482.5	1,210.5	-	-	-	-	-	349.9
July 2020	-	W	236.7	843.2	-	-	-	-	-	334.1
August 2019	-	W	1,086.2	1,502.0	-	-	-	-	-	349.7
New Mexico										
August 2020	W	-	W	W	-	-	-	-	-	W
July 2020	W	-	W	W	-	-	-	-	-	W
August 2019	W	-	W	W	-	-	-	-	-	W
Texas										
August 2020	W	W	3,863.9	3,489.0	-	W	-	-	1,515.2	6,010.3
July 2020	-	104.1	3,619.9	3,634.8	-	W	-	-	1,268.7	7,534.4
August 2019	W	W	3,443.5	12,826.5	-	W	-	-	W	13,117.8

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4										
August 2020	W	W	797.0	849.0	-	-	W	W	W	885.6
July 2020	W	W	570.2	766.7	-	-	W	W	W	988.1
August 2019	W	W	1,045.3	1,230.8	-	-	W	W	W	836.5
Colorado										
August 2020	W	-	W	459.8	-	-	W	8.2	-	324.9
July 2020	W	-	W	420.3	-	-	W	4.1	-	379.8
August 2019	W	-	378.7	748.6	-	-	-	8.6	-	298.1
Idaho										
August 2020	-	-	35.8	24.5	-	-	W	W	W	W
July 2020	-	-	34.0	19.7	-	-	W	W	W	W
August 2019	-	-	W	35.7	-	-	W	W	W	39.1
Montana										
August 2020	W	W	W	W	-	-	W	6.9	W	129.6
July 2020	W	W	W	W	-	-	W	6.1	W	134.8
August 2019	W	W	W	W	-	-	W	7.3	W	138.9
Utah										
August 2020	-	W	353.4	240.0	-	-	-	0.4	-	W
July 2020	-	W	277.4	204.0	-	-	-	-	-	W
August 2019	-	W	438.4	299.5	-	-	-	W	-	73.4
Wyoming										
August 2020	-	-	98.9	W	-	-	-	1.6	-	345.3
July 2020	-	-	W	W	-	-	-	1.0	-	395.9
August 2019	-	-	W	W	-	-	-	2.7	-	287.0
PAD District 5										
August 2020	W	W	7,237.3	5,378.7	W	W	W	78.6	W	1,364.1
July 2020	W	W	7,573.5	5,240.7	W	W	W	80.7	W	1,240.4
August 2019	W	101.5	13,513.5	9,027.4	-	W	W	83.8	W	1,549.0
Alaska										
August 2020	W	-	W	W	-	-	W	W	W	W
July 2020	W	W	W	W	-	-	W	W	W	W
August 2019	W	W	W	W	-	-	W	W	W	W
Arizona										
August 2020	W	W	W	120.3	-	-	-	-	-	109.8
July 2020	W	W	W	120.1	-	-	-	-	-	114.9
August 2019	W	W	W	166.7	-	-	-	-	-	112.2
California										
August 2020	W	W	3,777.3	4,416.4	W	W	-	-	-	864.6
July 2020	W	W	3,979.7	4,199.5	W	W	-	-	-	719.6
August 2019	W	49.6	7,839.8	7,008.9	-	W	-	-	-	935.4
Hawaii										
August 2020	-	-	W	W	-	-	-	-	-	W
July 2020	-	-	W	W	-	-	-	-	-	W
August 2019	-	-	W	W	-	-	-	-	-	W
Nevada										
August 2020	-	-	W	W	-	-	-	-	-	-
July 2020	-	-	W	W	-	-	-	-	-	W
August 2019	-	-	W	W	-	-	-	-	-	W
Oregon										
August 2020	-	W	264.3	99.7	-	-	-	W	W	W
July 2020	-	W	227.5	83.6	-	-	-	-	W	W
August 2019	-	16.5	549.1	W	-	-	-	-	W	W
Washington										
August 2020	-	W	1,202.6	370.5	NA	-	-	W	W	354.6
July 2020	W	W	1,167.1	215.5	NA	-	-	W	W	356.9
August 2019	-	W	2,230.3	555.6	-	-	W	W	W	402.0

- = 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 2019 are final. Totals may not equal the sum of the components due to rounding.

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

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state
thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
August 2020	8,915.5	142,767.2	W	W	W	W
July 2020	8,962.4	142,204.8	W	-	W	1,169.4
August 2019	12,323.4	164,117.4	W	W	W	W
PAD District 1						
August 2020	W	W	-	-	-	W
July 2020	W	W	-	-	-	W
August 2019	W	31,008.5	-	-	-	W
Subdistrict 1A						
August 2020	W	1,280.9	-	-	-	-
July 2020	W	1,432.2	-	-	-	-
August 2019	W	1,314.4	-	-	-	-
Connecticut						
August 2020	W	W	-	-	-	-
July 2020	W	795.1	-	-	-	-
August 2019	W	609.5	-	-	-	-
Maine						
August 2020	-	W	-	-	-	-
July 2020	-	W	-	-	-	-
August 2019	-	W	-	-	-	-
Massachusetts						
August 2020	W	W	-	-	-	-
July 2020	W	W	-	-	-	-
August 2019	W	W	-	-	-	-
New Hampshire						
August 2020	W	W	-	-	-	-
July 2020	W	W	-	-	-	-
August 2019	W	W	-	-	-	-
Rhode Island						
August 2020	W	W	-	-	-	-
July 2020	W	W	-	-	-	-
August 2019	W	270.3	-	-	-	-
Vermont						
August 2020	-	W	-	-	-	-
July 2020	-	W	-	-	-	-
August 2019	-	W	-	-	-	-
Subdistrict 1B						
August 2020	W	W	-	-	-	W
July 2020	W	W	-	-	-	W
August 2019	W	W	-	-	-	W
Delaware						
August 2020	W	W	-	-	-	-
July 2020	W	W	-	-	-	-
August 2019	W	W	-	-	-	-
District of Columbia						
August 2020	-	W	-	-	-	-
July 2020	-	W	-	-	-	-
August 2019	-	W	-	-	-	-
Maryland						
August 2020	W	1,072.5	-	-	-	W
July 2020	W	1,399.2	-	-	-	W
August 2019	W	1,068.1	-	-	-	W
New Jersey						
August 2020	83.6	W	-	-	-	W
July 2020	81.3	W	-	-	-	W
August 2019	158.0	W	-	-	-	W
New York						
August 2020	159.9	W	-	-	-	W
July 2020	162.2	W	-	-	-	W
August 2019	223.1	W	-	-	-	W
Pennsylvania						
August 2020	256.1	4,243.5	-	-	-	-
July 2020	254.6	W	-	-	-	-
August 2019	W	5,124.6	-	-	-	-

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
August 2020	828.9	14,213.0	-	-	-	-
July 2020	832.7	14,263.8	-	-	-	-
August 2019	858.2	W	-	-	-	-
Florida						
August 2020	246.3	4,319.1	-	-	-	-
July 2020	257.1	4,458.8	-	-	-	-
August 2019	224.1	4,812.6	-	-	-	-
Georgia						
August 2020	33.2	2,556.3	-	-	-	-
July 2020	67.6	2,546.8	-	-	-	-
August 2019	56.3	2,951.0	-	-	-	-
North Carolina						
August 2020	219.4	W	-	-	-	-
July 2020	238.1	W	-	-	-	-
August 2019	366.9	W	-	-	-	-
South Carolina						
August 2020	W	1,443.1	-	-	-	-
July 2020	W	1,454.9	-	-	-	-
August 2019	W	1,622.1	-	-	-	-
Virginia						
August 2020	6.8	W	-	-	-	-
July 2020	6.6	W	-	-	-	-
August 2019	6.9	2,333.5	-	-	-	-
West Virginia						
August 2020	W	W	-	-	-	-
July 2020	W	W	-	-	-	-
August 2019	W	W	-	-	-	-
PAD District 2						
August 2020	W	44,174.0	-	W	-	-
July 2020	W	W	-	-	-	-
August 2019	W	47,917.8	-	-	-	-
Illinois						
August 2020	113.1	6,802.8	-	-	-	-
July 2020	118.3	6,996.5	-	-	-	-
August 2019	336.5	6,787.2	-	-	-	-
Indiana						
August 2020	170.5	3,671.5	-	-	-	-
July 2020	174.2	3,943.7	-	-	-	-
August 2019	W	3,923.0	-	-	-	-
Iowa						
August 2020	W	1,843.1	-	-	-	-
July 2020	W	1,832.5	-	-	-	-
August 2019	25.9	1,914.8	-	-	-	-
Kansas						
August 2020	409.5	W	-	W	-	-
July 2020	463.5	3,425.0	-	-	-	-
August 2019	734.3	3,699.9	-	-	-	-
Kentucky						
August 2020	335.3	1,638.9	-	-	-	-
July 2020	322.2	1,545.7	-	-	-	-
August 2019	415.6	1,844.9	-	-	-	-
Michigan						
August 2020	176.4	W	-	-	-	-
July 2020	194.6	W	-	-	-	-
August 2019	264.9	W	-	-	-	-
Minnesota						
August 2020	258.6	W	-	-	-	-
July 2020	216.5	W	-	-	-	-
August 2019	W	W	-	-	-	-
Missouri						
August 2020	1.3	W	-	W	-	-
July 2020	1.1	1,583.0	-	-	-	-
August 2019	1.0	1,612.8	-	-	-	-

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
PAD District 2 (cont.)						
Nebraska						
August 2020	317.5	1,584.9	-	-	-	-
July 2020	354.4	1,491.0	-	-	-	-
August 2019	W	1,357.9	-	-	-	-
North Dakota						
August 2020	248.2	1,205.4	-	-	-	-
July 2020	229.8	1,093.1	-	-	-	-
August 2019	W	1,711.3	-	-	-	-
Ohio						
August 2020	371.7	5,126.2	-	-	-	-
July 2020	418.7	5,289.6	-	-	-	-
August 2019	603.2	5,564.2	-	-	-	-
Oklahoma						
August 2020	136.5	5,242.4	-	-	-	-
July 2020	170.2	6,034.4	-	-	-	-
August 2019	231.6	7,411.8	-	-	-	-
South Dakota						
August 2020	W	W	-	W	-	-
July 2020	W	752.4	-	-	-	-
August 2019	W	754.0	-	-	-	-
Tennessee						
August 2020	172.1	3,617.1	-	-	-	-
July 2020	190.7	3,489.4	-	-	-	-
August 2019	341.2	3,752.8	-	-	-	-
Wisconsin						
August 2020	W	W	-	-	-	-
July 2020	W	W	-	-	-	-
August 2019	W	W	-	-	-	-
PAD District 3						
August 2020	1,751.3	45,415.8	-	-	-	632.5
July 2020	1,724.5	42,686.3	-	-	-	596.3
August 2019	2,773.2	56,517.3	-	W	-	W
Alabama						
August 2020	137.4	1,801.9	-	-	-	-
July 2020	124.5	1,678.6	-	-	-	-
August 2019	159.2	W	-	-	-	-
Arkansas						
August 2020	W	1,634.7	-	-	-	-
July 2020	W	1,725.7	-	-	-	-
August 2019	W	1,732.9	-	-	-	-
Louisiana						
August 2020	W	W	-	-	-	W
July 2020	W	10,016.8	-	-	-	W
August 2019	163.4	W	-	-	-	W
Mississippi						
August 2020	W	W	-	-	-	-
July 2020	34.8	1,911.2	-	-	-	-
August 2019	44.5	2,203.9	-	-	-	-
New Mexico						
August 2020	95.0	1,147.7	-	-	-	-
July 2020	97.0	1,055.1	-	-	-	-
August 2019	264.9	1,038.2	-	-	-	-
Texas						
August 2020	1,337.4	28,578.2	-	-	-	W
July 2020	1,188.3	26,299.0	-	-	-	W
August 2019	W	37,578.0	-	W	-	W

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
August 2020	W	W	W	W	-	-
July 2020	W	6,844.8	-	-	-	-
August 2019	W	7,984.6	-	-	-	-
Colorado						
August 2020	W	1,941.5	W	-	-	-
July 2020	207.0	1,843.7	-	-	-	-
August 2019	202.2	2,299.3	-	-	-	-
Idaho						
August 2020	W	W	-	W	-	-
July 2020	W	960.5	-	-	-	-
August 2019	W	991.0	-	-	-	-
Montana						
August 2020	187.0	1,252.7	-	-	-	-
July 2020	180.9	1,160.6	-	-	-	-
August 2019	W	1,318.4	-	-	-	-
Utah						
August 2020	W	1,738.4	-	-	-	-
July 2020	W	1,949.0	-	-	-	-
August 2019	W	1,771.4	-	-	-	-
Wyoming						
August 2020	W	915.6	W	-	-	-
July 2020	203.3	930.9	-	-	-	-
August 2019	371.2	1,604.5	-	-	-	-
PAD District 5						
August 2020	2,009.7	19,632.3	W	-	W	W
July 2020	W	W	W	-	W	W
August 2019	W	20,689.1	W	-	W	W
Alaska						
August 2020	W	W	-	-	-	-
July 2020	W	W	-	-	-	-
August 2019	W	W	-	-	-	-
Arizona						
August 2020	371.0	830.0	-	-	-	-
July 2020	385.5	914.9	-	-	-	-
August 2019	489.6	770.7	-	-	-	-
California						
August 2020	1,061.0	W	-	-	-	W
July 2020	942.5	W	-	-	-	W
August 2019	1,252.8	12,435.2	-	-	-	284.6
Hawaii						
August 2020	W	W	W	-	W	W
July 2020	W	W	W	-	W	W
August 2019	W	W	W	-	W	W
Nevada						
August 2020	W	535.9	-	-	-	-
July 2020	W	480.9	-	-	-	-
August 2019	W	458.7	-	-	-	-
Oregon						
August 2020	22.8	2,055.2	-	-	-	-
July 2020	23.5	2,150.2	-	-	-	-
August 2019	20.0	2,223.2	-	-	-	-
Washington						
August 2020	W	W	-	-	W	W
July 2020	W	W	-	-	W	W
August 2019	245.3	W	-	-	W	W

- = 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 2019 are final. Totals may not equal the sum of the components due to rounding.

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

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state
thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States				
August 2020	68.9	3,428.1	9,403.7	147,707.6
July 2020	115.5	3,856.1	9,564.7	147,230.3
August 2019	59.6	7,232.1	12,849.1	173,014.3
PAD District 1				
August 2020	W	1,287.6	1,360.9	28,436.5
July 2020	W	1,826.9	1,368.9	29,841.7
August 2019	W	W	1,547.3	34,162.8
Subdistrict 1A				
August 2020	-	262.4	W	1,543.4
July 2020	-	638.5	W	2,070.7
August 2019	-	851.7	W	2,166.1
Connecticut				
August 2020	-	W	W	805.0
July 2020	-	361.0	W	1,156.1
August 2019	-	665.7	W	1,275.2
Maine				
August 2020	-	W	-	120.3
July 2020	-	W	-	284.3
August 2019	-	W	-	133.8
Massachusetts				
August 2020	-	W	W	236.5
July 2020	-	W	W	259.8
August 2019	-	W	W	289.2
New Hampshire				
August 2020	-	W	W	W
July 2020	-	-	W	W
August 2019	-	W	W	W
Rhode Island				
August 2020	-	W	W	271.9
July 2020	-	W	W	268.4
August 2019	-	80.3	W	350.5
Vermont				
August 2020	-	W	-	W
July 2020	-	W	-	W
August 2019	-	W	-	W
Subdistrict 1B				
August 2020	W	987.2	W	12,642.1
July 2020	W	1,157.4	W	13,476.2
August 2019	W	2,022.8	W	16,311.0
Delaware				
August 2020	-	W	W	W
July 2020	-	W	W	W
August 2019	-	W	W	W
District of Columbia				
August 2020	-	-	-	W
July 2020	-	-	-	W
August 2019	-	-	-	W
Maryland				
August 2020	W	W	W	1,120.0
July 2020	W	W	W	1,417.1
August 2019	W	W	W	1,118.0
New Jersey				
August 2020	-	696.5	83.6	5,804.6
July 2020	-	904.4	81.3	6,053.0
August 2019	-	1,430.9	158.0	8,081.1
New York				
August 2020	-	169.9	159.9	1,109.0
July 2020	-	142.0	162.2	1,090.5
August 2019	-	215.1	223.1	1,227.7
Pennsylvania				
August 2020	-	100.1	256.1	4,343.6
July 2020	-	W	254.6	4,604.2
August 2019	W	253.7	203.7	5,378.4

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C				
August 2020	-	38.0	828.9	14,251.0
July 2020	-	31.0	832.7	14,294.9
August 2019	-	W	858.2	15,685.7
Florida				
August 2020	-	-	246.3	4,319.1
July 2020	-	-	257.1	4,458.8
August 2019	-	-	224.1	4,812.6
Georgia				
August 2020	-	-	33.2	2,556.3
July 2020	-	-	67.6	2,546.8
August 2019	-	-	56.3	2,951.0
North Carolina				
August 2020	-	W	219.4	2,943.3
July 2020	-	W	238.1	2,904.4
August 2019	-	W	366.9	3,050.7
South Carolina				
August 2020	-	-	W	1,443.1
July 2020	-	-	W	1,454.9
August 2019	-	-	W	1,622.1
Virginia				
August 2020	-	W	6.8	2,363.3
July 2020	-	W	W	2,406.1
August 2019	-	-	6.9	2,333.5
West Virginia				
August 2020	-	W	W	626.0
July 2020	-	W	222.9	523.9
August 2019	-	W	W	915.8
PAD District 2				
August 2020	W	W	2,870.9	44,305.1
July 2020	W	W	3,008.5	45,055.1
August 2019	W	138.0	4,442.3	48,055.7
Illinois				
August 2020	-	-	113.1	6,802.8
July 2020	-	-	118.3	6,996.5
August 2019	-	-	336.5	6,787.2
Indiana				
August 2020	-	-	170.5	3,671.5
July 2020	-	-	174.2	3,943.7
August 2019	-	-	W	3,923.0
Iowa				
August 2020	-	-	W	1,843.1
July 2020	-	-	W	1,832.5
August 2019	-	-	25.9	1,914.8
Kansas				
August 2020	-	-	409.5	3,421.9
July 2020	-	-	463.5	3,425.0
August 2019	-	-	734.3	3,699.9
Kentucky				
August 2020	-	-	335.3	1,638.9
July 2020	-	-	322.2	1,545.7
August 2019	-	-	415.6	1,844.9
Michigan				
August 2020	-	W	176.4	2,784.9
July 2020	-	W	194.6	2,774.4
August 2019	-	134.7	264.9	2,783.8
Minnesota				
August 2020	-	W	258.6	2,458.5
July 2020	-	W	216.5	2,329.1
August 2019	W	W	300.8	2,619.8
Missouri				
August 2020	-	-	1.3	1,659.2
July 2020	-	-	1.1	1,583.0
August 2019	-	-	1.0	1,612.8

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)				
Nebraska				
August 2020	-	-	317.5	1,584.9
July 2020	-	-	354.4	1,491.0
August 2019	-	-	W	1,357.9
North Dakota				
August 2020	-	-	248.2	1,205.4
July 2020	-	-	229.8	1,093.1
August 2019	W	-	379.2	1,711.3
Ohio				
August 2020	-	-	371.7	5,126.2
July 2020	-	-	418.7	5,289.6
August 2019	-	-	603.2	5,564.2
Oklahoma				
August 2020	-	-	136.5	5,242.4
July 2020	-	-	170.2	6,034.4
August 2019	-	-	231.6	7,411.8
South Dakota				
August 2020	W	-	W	717.7
July 2020	W	-	W	752.4
August 2019	W	-	W	754.0
Tennessee				
August 2020	-	-	172.1	3,617.1
July 2020	-	-	190.7	3,489.4
August 2019	-	-	341.2	3,752.8
Wisconsin				
August 2020	W	W	38.4	2,530.6
July 2020	W	W	36.6	2,475.3
August 2019	W	W	65.1	2,317.5
PAD District 3				
August 2020	-	2,006.3	1,751.3	48,054.5
July 2020	-	1,894.4	1,724.5	45,177.0
August 2019	-	4,172.5	2,773.2	61,331.4
Alabama				
August 2020	-	-	137.4	1,801.9
July 2020	-	-	124.5	1,678.6
August 2019	-	W	159.2	1,926.5
Arkansas				
August 2020	-	-	W	1,634.7
July 2020	-	-	W	1,725.7
August 2019	-	-	W	1,732.9
Louisiana				
August 2020	-	W	W	10,329.8
July 2020	-	W	W	10,673.7
August 2019	-	W	163.4	13,399.8
Mississippi				
August 2020	-	W	W	2,871.0
July 2020	-	-	34.8	1,911.2
August 2019	-	-	W	2,203.9
New Mexico				
August 2020	-	-	95.0	1,147.7
July 2020	-	-	97.0	1,055.1
August 2019	-	-	264.9	1,038.2
Texas				
August 2020	-	W	1,337.4	30,269.3
July 2020	-	W	1,188.3	28,132.7
August 2019	-	3,114.6	2,010.9	41,030.1

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
PAD District 4				
August 2020	W	-	969.8	6,725.7
July 2020	W	-	953.6	6,844.8
August 2019	W	-	1,160.5	7,984.6
Colorado				
August 2020	-	-	207.0	1,941.5
July 2020	-	-	207.0	1,843.7
August 2019	-	-	202.2	2,299.3
Idaho				
August 2020	W	-	69.1	877.5
July 2020	W	-	49.5	960.5
August 2019	W	-	W	991.0
Montana				
August 2020	-	-	187.0	1,252.7
July 2020	-	-	180.9	1,160.6
August 2019	-	-	W	1,318.4
Utah				
August 2020	W	-	288.6	1,738.4
July 2020	W	-	312.9	1,949.0
August 2019	W	-	248.4	1,771.4
Wyoming				
August 2020	-	-	218.0	915.6
July 2020	-	-	203.3	930.9
August 2019	-	-	371.2	1,604.5
PAD District 5				
August 2020	W	W	2,450.7	20,185.7
July 2020	W	W	2,509.3	20,311.6
August 2019	W	W	2,925.7	21,479.7
Alaska				
August 2020	W	W	W	W
July 2020	W	W	W	W
August 2019	W	W	W	W
Arizona				
August 2020	-	-	371.0	830.0
July 2020	-	-	385.5	914.9
August 2019	-	-	489.6	770.7
California				
August 2020	-	-	1,061.0	12,340.6
July 2020	-	-	942.5	12,671.7
August 2019	-	-	1,252.8	12,719.8
Hawaii				
August 2020	-	-	W	W
July 2020	-	-	W	W
August 2019	-	-	W	W
Nevada				
August 2020	W	-	W	535.9
July 2020	W	-	W	480.9
August 2019	W	-	W	458.7
Oregon				
August 2020	-	-	22.8	2,055.2
July 2020	-	-	23.5	2,150.2
August 2019	-	-	20.0	2,223.2
Washington				
August 2020	-	-	441.7	3,830.5
July 2020	-	-	422.4	3,498.1
August 2019	W	-	517.0	4,507.9

- = 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 2019 are final. Totals may not equal the sum of the components due to rounding.

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

Table 44. Refiner residual fuel oil and no. 4 fuel volumes by PAD District
thousand gallons per day

Geographic area month	Residual fuel oil						No. 4 fuel[a]	
	Sulfur less than or equal to 1%		Sulfur greater than 1%		Total		Sales to end users	Sales for resale
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale		
United States								
August 2020	W	2,434.1	W	1,945.9	1,729.4	4,380.0	-	W
July 2020	W	3,292.5	W	1,127.0	2,007.5	4,419.5	-	W
August 2019	W	1,043.9	W	7,332.4	2,616.6	8,376.4	-	W
PAD District 1								
August 2020	W	W	-	W	W	W	-	-
July 2020	W	W	-	W	W	W	-	-
August 2019	W	1,043.9	W	W	W	W	-	-
Subdistrict 1A								
August 2020	-	-	-	-	-	-	-	-
July 2020	-	-	-	-	-	-	-	-
August 2019	-	-	-	-	-	-	-	-
Subdistrict 1B								
August 2020	W	W	-	W	W	W	-	-
July 2020	W	W	-	W	W	W	-	-
August 2019	W	1,043.9	W	W	W	W	-	-
Subdistrict 1C								
August 2020	-	-	-	-	-	-	-	-
July 2020	-	-	-	-	-	-	-	-
August 2019	-	-	-	W	-	W	-	-
PAD District 2								
August 2020	-	W	W	-	W	W	-	-
July 2020	-	-	W	-	W	-	-	-
August 2019	-	-	W	W	W	W	-	-
PAD District 3								
August 2020	W	760.4	W	1,073.9	W	1,834.3	-	W
July 2020	W	W	W	W	W	1,973.8	-	W
August 2019	-	-	309.5	3,247.7	309.5	3,247.7	-	W
PAD District 4								
August 2020	-	W	-	-	-	W	-	-
July 2020	-	W	-	-	-	W	-	-
August 2019	-	-	-	W	-	W	-	-
PAD District 5								
August 2020	W	W	W	W	W	1,134.3	-	-
July 2020	W	W	W	W	W	938.7	-	-
August 2019	W	-	W	1,937.9	2,021.8	1,937.9	-	-

- = 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 may be revised. Data through 2019 are final.

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

Prime Supplier Sales Volumes of Petroleum Products for Local Consumption

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

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
United States						
August 2020	203,399.5	90,786.1	294,185.5	3,539.0	1,856.0	5,395.0
July 2020	205,760.0	88,491.2	294,251.2	3,652.1	1,850.9	5,503.1
August 2019	227,949.4	107,368.2	335,317.5	3,892.6	2,217.0	6,109.6
PAD District 1						
August 2020	62,054.1	35,482.9	97,537.1	1,366.8	700.2	2,067.0
July 2020	63,030.6	34,565.5	97,596.2	1,451.4	723.2	2,174.6
August 2019	68,929.3	42,124.2	111,053.5	1,484.9	799.8	2,284.6
Subdistrict 1A						
August 2020	1,686.7	11,650.2	13,337.0	31.9	230.0	261.9
July 2020	1,696.7	11,286.1	12,982.8	33.9	230.1	264.0
August 2019	1,941.9	12,681.9	14,623.8	29.2	253.9	283.2
Connecticut						
August 2020	-	3,284.1	3,284.1	-	46.5	46.5
July 2020	-	3,068.4	3,068.4	-	47.7	47.7
August 2019	-	3,195.6	3,195.6	-	46.9	46.9
Maine						
August 2020	696.6	1,013.1	1,709.7	22.5	20.5	43.1
July 2020	707.3	1,001.4	1,708.7	25.8	23.1	48.9
August 2019	830.7	1,190.3	2,021.0	21.0	19.6	40.6
Massachusetts						
August 2020	-	5,006.6	5,006.6	-	119.5	119.5
July 2020	-	4,868.8	4,868.8	-	117.1	117.1
August 2019	-	5,611.6	5,611.6	-	130.2	130.2
New Hampshire						
August 2020	342.6	971.7	1,314.3	3.9	18.1	22.0
July 2020	341.1	960.6	1,301.7	3.2	16.1	19.3
August 2019	397.0	1,065.7	1,462.7	2.6	23.7	26.3
Rhode Island						
August 2020	-	1,374.7	1,374.7	-	25.3	25.3
July 2020	-	1,386.9	1,386.9	-	26.3	26.3
August 2019	-	1,618.7	1,618.7	-	33.6	33.6
Vermont						
August 2020	647.5	-	647.5	5.5	-	5.5
July 2020	648.3	-	648.3	4.9	-	4.9
August 2019	714.2	-	714.2	5.6	-	5.6
Subdistrict 1B						
August 2020	12,268.7	20,456.4	32,725.1	169.8	422.6	592.4
July 2020	12,383.7	19,895.2	32,278.9	171.9	441.9	613.8
August 2019	13,512.4	25,251.4	38,763.8	174.0	478.3	652.3
Delaware						
August 2020	-	1,038.1	1,038.1	-	8.8	8.8
July 2020	-	1,014.4	1,014.4	-	8.3	8.3
August 2019	-	1,278.9	1,278.9	-	11.8	11.8
District of Columbia						
August 2020	-	138.8	138.8	-	2.5	2.5
July 2020	-	133.7	133.7	-	3.3	3.3
August 2019	-	183.4	183.4	-	2.9	2.9
Maryland						
August 2020	631.8	3,323.4	3,955.1	15.7	50.8	66.5
July 2020	660.7	3,393.7	4,054.4	16.7	61.3	77.9
August 2019	631.6	4,385.1	5,016.7	11.6	65.6	77.2
New Jersey						
August 2020	-	7,620.7	7,620.7	-	114.7	114.7
July 2020	-	7,298.6	7,298.6	-	124.5	124.5
August 2019	-	9,306.2	9,306.2	-	137.1	137.1
New York						
August 2020	5,503.3	6,102.3	11,605.5	96.3	220.4	316.7
July 2020	5,436.2	5,847.8	11,283.9	93.4	218.0	311.5
August 2019	6,354.4	6,906.2	13,260.6	102.9	235.1	338.0
Pennsylvania						
August 2020	6,133.7	2,233.2	8,366.9	57.9	25.3	83.2
July 2020	6,286.9	2,207.0	8,493.9	61.8	26.5	88.4
August 2019	6,526.4	3,191.6	9,718.0	59.5	25.8	85.3

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
United States						
August 2020	26,355.8	19,454.5	45,810.3	233,294.3	112,096.5	345,390.8
July 2020	26,523.3	18,711.9	45,235.2	235,935.4	109,054.0	344,989.4
August 2019	25,320.9	20,359.7	45,680.6	257,162.9	129,944.9	387,107.8
PAD District 1						
August 2020	8,255.6	7,064.2	15,319.8	71,676.5	43,247.3	114,923.8
July 2020	8,323.6	6,825.2	15,148.8	72,805.6	42,114.0	114,919.5
August 2019	7,827.3	7,244.5	15,071.8	78,241.5	50,168.5	128,410.0
Subdistrict 1A						
August 2020	145.1	2,070.1	2,215.2	1,863.7	13,950.3	15,814.0
July 2020	145.2	1,971.8	2,117.0	1,875.8	13,488.0	15,363.8
August 2019	152.6	1,935.6	2,088.2	2,123.7	14,871.4	16,995.2
Connecticut						
August 2020	-	676.4	676.4	-	4,007.0	4,007.0
July 2020	-	615.7	615.7	-	3,731.8	3,731.8
August 2019	-	550.5	550.5	-	3,793.0	3,793.0
Maine						
August 2020	41.2	123.5	164.7	760.3	1,157.2	1,917.5
July 2020	38.1	121.5	159.6	771.2	1,146.0	1,917.2
August 2019	49.7	124.0	173.7	901.4	1,333.9	2,235.3
Massachusetts						
August 2020	-	875.0	875.0	-	6,001.1	6,001.1
July 2020	-	844.7	844.7	-	5,830.6	5,830.6
August 2019	-	870.5	870.5	-	6,612.3	6,612.3
New Hampshire						
August 2020	23.9	150.7	174.6	370.4	1,140.5	1,510.9
July 2020	25.4	144.8	170.2	369.7	1,121.5	1,491.2
August 2019	23.1	142.8	165.9	422.7	1,232.2	1,654.9
Rhode Island						
August 2020	-	244.5	244.5	-	1,644.5	1,644.5
July 2020	-	245.0	245.0	-	1,658.2	1,658.2
August 2019	-	247.8	247.8	-	1,900.1	1,900.1
Vermont						
August 2020	80.0	-	80.0	733.0	-	733.0
July 2020	81.7	-	81.7	734.9	-	734.9
August 2019	79.8	-	79.8	799.6	-	799.6
Subdistrict 1B						
August 2020	1,438.0	4,343.2	5,781.2	13,876.5	25,222.2	39,098.7
July 2020	1,463.5	4,203.8	5,667.3	14,019.1	24,540.9	38,560.0
August 2019	1,393.6	4,549.7	5,943.3	15,080.1	30,279.4	45,359.4
Delaware						
August 2020	-	142.1	142.1	-	1,189.0	1,189.0
July 2020	-	134.9	134.9	-	1,157.6	1,157.6
August 2019	-	153.0	153.0	-	1,443.8	1,443.8
District of Columbia						
August 2020	-	30.8	30.8	-	172.1	172.1
July 2020	-	29.3	29.3	-	166.3	166.3
August 2019	-	41.2	41.2	-	227.5	227.5
Maryland						
August 2020	70.8	609.1	679.8	718.2	3,983.3	4,701.5
July 2020	72.2	614.8	687.1	749.6	4,069.8	4,819.4
August 2019	56.8	742.5	799.3	700.1	5,193.2	5,893.3
New Jersey						
August 2020	-	1,373.9	1,373.9	-	9,109.3	9,109.3
July 2020	-	1,327.2	1,327.2	-	8,750.3	8,750.3
August 2019	-	1,449.5	1,449.5	-	10,892.8	10,892.8
New York						
August 2020	673.9	1,805.1	2,479.1	6,273.5	8,127.8	14,401.3
July 2020	675.4	1,727.0	2,402.4	6,204.9	7,792.8	13,997.8
August 2019	696.4	1,713.4	2,409.8	7,153.7	8,854.7	16,008.4
Pennsylvania						
August 2020	693.3	382.3	1,075.5	6,884.8	2,640.7	9,525.6
July 2020	715.9	370.6	1,086.5	7,064.6	2,604.1	9,668.7
August 2019	640.4	450.1	1,090.4	7,226.3	3,667.5	10,893.7

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						
August 2020	48,098.6	3,376.3	51,475.0	1,165.1	47.6	1,212.7
July 2020	48,950.2	3,384.3	52,334.5	1,245.5	51.2	1,296.7
August 2019	53,475.0	4,190.9	57,665.9	1,281.6	67.6	1,349.2
Florida						
August 2020	15,962.5	-	15,962.5	300.8	-	300.8
July 2020	16,040.0	-	16,040.0	329.9	-	329.9
August 2019	18,306.6	-	18,306.6	337.1	-	337.1
Georgia						
August 2020	11,229.7	-	11,229.7	328.5	-	328.5
July 2020	11,353.5	-	11,353.5	335.4	-	335.4
August 2019	11,822.5	-	11,822.5	361.1	-	361.1
North Carolina						
August 2020	9,984.3	-	9,984.3	285.5	-	285.5
July 2020	10,379.6	-	10,379.6	304.0	-	304.0
August 2019	10,977.5	-	10,977.5	294.4	-	294.4
South Carolina						
August 2020	5,900.9	-	5,900.9	179.5	-	179.5
July 2020	6,055.8	-	6,055.8	193.9	-	193.9
August 2019	6,679.7	-	6,679.7	199.4	-	199.4
Virginia						
August 2020	3,555.4	3,376.3	6,931.7	55.1	47.6	102.6
July 2020	3,630.8	3,384.3	7,015.1	65.0	51.2	116.2
August 2019	3,908.5	4,190.9	8,099.5	68.4	67.6	136.0
West Virginia						
August 2020	1,465.8	-	1,465.8	15.7	-	15.7
July 2020	1,490.4	-	1,490.4	17.4	-	17.4
August 2019	1,780.1	-	1,780.1	21.2	-	21.2
PAD District 2						
August 2020	74,981.5	11,712.5	86,694.0	1,062.9	174.5	1,237.5
July 2020	76,435.2	11,827.3	88,262.5	1,092.4	177.8	1,270.2
August 2019	82,281.3	12,932.6	95,213.9	1,190.1	184.1	1,374.2
Illinois						
August 2020	3,911.1	6,090.0	10,001.1	48.8	81.9	130.7
July 2020	4,004.0	6,147.2	10,151.2	49.1	84.1	133.2
August 2019	4,262.8	6,994.5	11,257.3	46.6	88.0	134.6
Indiana						
August 2020	6,329.9	1,031.2	7,361.0	73.9	22.8	96.7
July 2020	6,461.7	1,043.0	7,504.7	74.9	23.0	98.0
August 2019	6,675.3	1,079.0	7,754.3	81.2	25.3	106.5
Iowa						
August 2020	3,358.8	-	3,358.8	90.5	-	90.5
July 2020	3,232.6	-	3,232.6	89.7	-	89.7
August 2019	3,232.0	-	3,232.0	94.3	-	94.3
Kansas						
August 2020	3,899.4	-	3,899.4	48.0	-	48.0
July 2020	4,045.6	-	4,045.6	49.6	-	49.6
August 2019	4,099.5	-	4,099.5	53.6	-	53.6
Kentucky						
August 2020	4,185.7	720.9	4,906.6	57.2	15.1	72.3
July 2020	4,337.6	735.0	5,072.6	60.3	15.3	75.6
August 2019	4,709.4	672.6	5,382.0	65.6	11.9	77.5
Michigan						
August 2020	10,714.1	-	10,714.1	116.7	-	116.7
July 2020	11,003.1	-	11,003.1	115.7	-	115.7
August 2019	12,521.1	-	12,521.1	101.2	-	101.2
Minnesota						
August 2020	5,257.0	-	5,257.0	92.3	-	92.3
July 2020	5,262.2	-	5,262.2	97.5	-	97.5
August 2019	5,937.6	-	5,937.6	116.3	-	116.3
Missouri						
August 2020	5,038.2	2,139.5	7,177.6	80.9	37.5	118.4
July 2020	5,177.6	2,146.1	7,323.7	82.7	38.2	120.9
August 2019	5,201.6	2,245.1	7,446.7	76.7	39.7	116.4

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
Subdistrict 1C						
August 2020	6,672.5	650.9	7,323.5	55,936.3	4,074.8	60,011.1
July 2020	6,714.9	649.6	7,364.5	56,910.6	4,085.1	60,995.7
August 2019	6,281.0	759.3	7,040.3	61,037.7	5,017.7	66,055.4
Florida						
August 2020	2,450.0	-	2,450.0	18,713.3	-	18,713.3
July 2020	2,483.4	-	2,483.4	18,853.3	-	18,853.3
August 2019	2,330.9	-	2,330.9	20,974.6	-	20,974.6
Georgia						
August 2020	1,662.2	-	1,662.2	13,220.5	-	13,220.5
July 2020	1,639.8	-	1,639.8	13,328.7	-	13,328.7
August 2019	1,462.5	-	1,462.5	13,646.1	-	13,646.1
North Carolina						
August 2020	1,379.5	-	1,379.5	11,649.3	-	11,649.3
July 2020	1,381.2	-	1,381.2	12,064.8	-	12,064.8
August 2019	1,308.0	-	1,308.0	12,580.0	-	12,580.0
South Carolina						
August 2020	707.1	-	707.1	6,787.5	-	6,787.5
July 2020	718.5	-	718.5	6,968.2	-	6,968.2
August 2019	710.6	-	710.6	7,589.7	-	7,589.7
Virginia						
August 2020	341.0	650.9	991.9	3,951.4	4,074.8	8,026.2
July 2020	350.3	649.6	999.9	4,046.1	4,085.1	8,131.2
August 2019	334.7	759.3	1,094.0	4,311.7	5,017.7	9,329.4
West Virginia						
August 2020	132.9	-	132.9	1,614.4	-	1,614.4
July 2020	141.8	-	141.8	1,649.6	-	1,649.6
August 2019	134.3	-	134.3	1,935.5	-	1,935.5
PAD District 2						
August 2020	7,495.9	1,498.1	8,994.0	83,540.3	13,385.1	96,925.4
July 2020	7,658.4	1,505.5	9,163.8	85,186.0	13,510.6	98,696.6
August 2019	7,146.3	1,478.0	8,624.3	90,617.6	14,594.7	105,212.4
Illinois						
August 2020	300.3	879.0	1,179.3	4,260.1	7,050.9	11,311.1
July 2020	301.3	877.8	1,179.1	4,354.4	7,109.1	11,463.5
August 2019	269.9	887.7	1,157.6	4,579.4	7,970.2	12,549.5
Indiana						
August 2020	525.8	126.6	652.5	6,929.6	1,180.6	8,110.2
July 2020	528.8	129.1	657.9	7,065.4	1,195.2	8,260.6
August 2019	464.8	118.6	583.5	7,221.3	1,222.9	8,444.2
Iowa						
August 2020	359.5	-	359.5	3,808.7	-	3,808.7
July 2020	331.9	-	331.9	3,654.2	-	3,654.2
August 2019	323.9	-	323.9	3,650.2	-	3,650.2
Kansas						
August 2020	406.0	-	406.0	4,353.5	-	4,353.5
July 2020	392.7	-	392.7	4,487.9	-	4,487.9
August 2019	368.2	-	368.2	4,521.3	-	4,521.3
Kentucky						
August 2020	295.1	62.5	357.6	4,538.1	798.5	5,336.5
July 2020	300.5	64.9	365.3	4,698.4	815.2	5,513.5
August 2019	289.3	73.0	362.3	5,064.4	757.5	5,821.8
Michigan						
August 2020	876.5	-	876.5	11,707.4	-	11,707.4
July 2020	919.0	-	919.0	12,037.9	-	12,037.9
August 2019	860.3	-	860.3	13,482.6	-	13,482.6
Minnesota						
August 2020	709.4	-	709.4	6,058.6	-	6,058.6
July 2020	765.8	-	765.8	6,125.5	-	6,125.5
August 2019	691.5	-	691.5	6,745.5	-	6,745.5
Missouri						
August 2020	482.4	245.8	728.2	5,601.4	2,422.8	8,024.2
July 2020	498.6	243.6	742.2	5,758.9	2,428.0	8,186.9
August 2019	440.8	217.1	657.9	5,719.1	2,502.0	8,221.1

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	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 2 (cont.)						
Nebraska						
August 2020	2,041.3	-	2,041.3	32.6	-	32.6
July 2020	2,101.3	-	2,101.3	35.2	-	35.2
August 2019	2,152.3	-	2,152.3	47.8	-	47.8
North Dakota						
August 2020	847.5	-	847.5	20.7	-	20.7
July 2020	875.0	-	875.0	20.1	-	20.1
August 2019	1,027.4	-	1,027.4	22.3	-	22.3
Ohio						
August 2020	11,509.5	-	11,509.5	132.6	-	132.6
July 2020	11,779.5	-	11,779.5	138.1	-	138.1
August 2019	12,885.5	-	12,885.5	151.4	-	151.4
Oklahoma						
August 2020	4,736.3	-	4,736.3	66.5	-	66.5
July 2020	4,709.2	-	4,709.2	68.1	-	68.1
August 2019	4,926.8	-	4,926.8	69.3	-	69.3
South Dakota						
August 2020	1,157.1	-	1,157.1	20.8	-	20.8
July 2020	1,218.8	-	1,218.8	23.5	-	23.5
August 2019	1,266.7	-	1,266.7	22.1	-	22.1
Tennessee						
August 2020	7,997.1	-	7,997.1	140.6	-	140.6
July 2020	8,204.0	-	8,204.0	145.4	-	145.4
August 2019	8,917.1	-	8,917.1	191.9	-	191.9
Wisconsin						
August 2020	3,998.5	1,731.0	5,729.5	40.7	17.2	58.0
July 2020	4,022.9	1,756.0	5,778.9	42.4	17.2	59.5
August 2019	4,466.2	1,941.4	6,407.6	49.7	19.2	68.9
PAD District 3						
August 2020	38,901.4	15,038.4	53,939.7	547.9	246.4	794.3
July 2020	38,582.1	14,268.5	52,850.6	535.7	237.8	773.5
August 2019	45,270.5	16,833.7	62,104.2	590.5	280.5	870.9
Alabama						
August 2020	6,146.9	-	6,146.9	87.4	-	87.4
July 2020	6,203.3	-	6,203.3	88.2	-	88.2
August 2019	6,713.1	-	6,713.1	96.1	-	96.1
Arkansas						
August 2020	3,409.6	-	3,409.6	40.0	-	40.0
July 2020	3,453.2	-	3,453.2	38.8	-	38.8
August 2019	3,541.9	-	3,541.9	41.0	-	41.0
Louisiana						
August 2020	6,573.2	-	6,573.2	56.1	-	56.1
July 2020	6,325.9	-	6,325.9	49.6	-	49.6
August 2019	6,489.2	-	6,489.2	49.9	-	49.9
Mississippi						
August 2020	3,536.2	-	3,536.2	49.6	-	49.6
July 2020	3,666.5	-	3,666.5	51.5	-	51.5
August 2019	3,883.2	-	3,883.2	54.7	-	54.7
New Mexico						
August 2020	2,034.1	-	2,034.1	69.1	-	69.1
July 2020	2,039.2	-	2,039.2	69.1	-	69.1
August 2019	2,534.6	-	2,534.6	84.9	-	84.9
Texas						
August 2020	17,201.4	15,038.4	32,239.7	245.7	246.4	492.1
July 2020	16,894.0	14,268.5	31,162.5	238.5	237.8	476.2
August 2019	22,108.5	16,833.7	38,942.2	263.8	280.5	544.3

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
PAD District 2 (cont.)						
Nebraska						
August 2020	267.8	-	267.8	2,341.8	-	2,341.8
July 2020	269.6	-	269.6	2,406.1	-	2,406.1
August 2019	250.5	-	250.5	2,450.6	-	2,450.6
North Dakota						
August 2020	127.9	-	127.9	996.1	-	996.1
July 2020	136.4	-	136.4	1,031.5	-	1,031.5
August 2019	126.8	-	126.8	1,176.5	-	1,176.5
Ohio						
August 2020	933.7	-	933.7	12,575.8	-	12,575.8
July 2020	938.9	-	938.9	12,856.5	-	12,856.5
August 2019	923.2	-	923.2	13,960.1	-	13,960.1
Oklahoma						
August 2020	610.0	-	610.0	5,412.7	-	5,412.7
July 2020	602.0	-	602.0	5,379.4	-	5,379.4
August 2019	567.2	-	567.2	5,563.3	-	5,563.3
South Dakota						
August 2020	172.6	-	172.6	1,350.6	-	1,350.6
July 2020	171.5	-	171.5	1,413.9	-	1,413.9
August 2019	159.0	-	159.0	1,447.8	-	1,447.8
Tennessee						
August 2020	927.8	-	927.8	9,065.5	-	9,065.5
July 2020	922.0	-	922.0	9,271.5	-	9,271.5
August 2019	916.6	-	916.6	10,025.5	-	10,025.5
Wisconsin						
August 2020	501.1	184.1	685.2	4,540.3	1,932.3	6,472.6
July 2020	579.4	190.0	769.4	4,644.7	1,963.1	6,607.8
August 2019	494.3	181.5	675.8	5,010.1	2,142.2	7,152.3
PAD District 3						
August 2020	4,145.3	2,447.8	6,593.1	43,594.6	17,732.5	61,327.1
July 2020	4,038.7	2,271.2	6,309.9	43,156.5	16,777.5	59,934.0
August 2019	3,974.9	2,363.4	6,338.3	49,835.9	19,477.5	69,313.4
Alabama						
August 2020	631.9	-	631.9	6,866.2	-	6,866.2
July 2020	635.1	-	635.1	6,926.5	-	6,926.5
August 2019	589.9	-	589.9	7,399.1	-	7,399.1
Arkansas						
August 2020	358.1	-	358.1	3,807.8	-	3,807.8
July 2020	354.5	-	354.5	3,846.5	-	3,846.5
August 2019	317.3	-	317.3	3,900.2	-	3,900.2
Louisiana						
August 2020	642.5	-	642.5	7,271.7	-	7,271.7
July 2020	625.8	-	625.8	7,001.4	-	7,001.4
August 2019	560.4	-	560.4	7,099.5	-	7,099.5
Mississippi						
August 2020	327.8	-	327.8	3,913.6	-	3,913.6
July 2020	328.1	-	328.1	4,046.1	-	4,046.1
August 2019	315.3	-	315.3	4,253.2	-	4,253.2
New Mexico						
August 2020	322.1	-	322.1	2,425.3	-	2,425.3
July 2020	318.3	-	318.3	2,426.5	-	2,426.5
August 2019	336.8	-	336.8	2,956.3	-	2,956.3
Texas						
August 2020	1,862.9	2,447.8	4,310.7	19,310.0	17,732.5	37,042.5
July 2020	1,776.9	2,271.2	4,048.2	18,909.4	16,777.5	35,686.8
August 2019	1,855.2	2,363.4	4,218.6	24,227.6	19,477.5	43,705.1

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	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 4						
August 2020	12,098.2	-	12,098.2	296.7	-	296.7
July 2020	12,389.8	-	12,389.8	304.5	-	304.5
August 2019	13,498.9	-	13,498.9	318.4	-	318.4
Colorado						
August 2020	4,738.5	-	4,738.5	119.9	-	119.9
July 2020	4,874.7	-	4,874.7	118.4	-	118.4
August 2019	5,591.1	-	5,591.1	119.7	-	119.7
Idaho						
August 2020	1,836.2	-	1,836.2	13.8	-	13.8
July 2020	1,908.7	-	1,908.7	16.5	-	16.5
August 2019	1,927.1	-	1,927.1	22.8	-	22.8
Montana						
August 2020	1,836.5	-	1,836.5	74.4	-	74.4
July 2020	1,870.4	-	1,870.4	74.5	-	74.5
August 2019	1,941.4	-	1,941.4	77.5	-	77.5
Utah						
August 2020	2,762.8	-	2,762.8	68.1	-	68.1
July 2020	2,799.1	-	2,799.1	73.1	-	73.1
August 2019	3,093.7	-	3,093.7	69.6	-	69.6
Wyoming						
August 2020	924.1	-	924.1	20.5	-	20.5
July 2020	936.9	-	936.9	22.1	-	22.1
August 2019	945.6	-	945.6	28.7	-	28.7
PAD District 5						
August 2020	15,364.3	28,552.3	43,916.6	264.6	734.9	999.5
July 2020	15,322.3	27,829.8	43,152.1	268.2	712.1	980.3
August 2019	17,969.4	35,477.6	53,447.1	308.7	952.7	1,261.5
Alaska						
August 2020	605.4	-	605.4	W	-	W
July 2020	632.1	-	632.1	W	-	W
August 2019	744.1	-	744.1	W	-	W
Arizona						
August 2020	W	W	6,216.9	W	W	117.3
July 2020	W	W	6,074.7	W	W	118.5
August 2019	W	W	7,185.8	W	W	132.9
California						
August 2020	-	24,690.0	24,690.0	-	W	664.9
July 2020	-	24,089.9	24,089.9	-	W	640.4
August 2019	-	30,965.4	30,965.4	-	W	872.2
Hawaii						
August 2020	914.5	-	914.5	W	-	W
July 2020	963.4	-	963.4	W	-	W
August 2019	1,018.1	-	1,018.1	W	-	W
Nevada						
August 2020	W	W	2,339.5	42.3	-	42.3
July 2020	W	W	2,309.5	42.3	-	42.3
August 2019	W	W	2,739.6	54.5	-	54.5
Oregon						
August 2020	3,502.6	-	3,502.6	25.9	-	25.9
July 2020	3,481.6	-	3,481.6	25.8	-	25.8
August 2019	3,981.9	-	3,981.9	28.6	-	28.6
Washington						
August 2020	5,647.8	-	5,647.8	70.9	-	70.9
July 2020	5,600.8	-	5,600.8	69.1	-	69.1
August 2019	6,812.2	-	6,812.2	91.5	-	91.5

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	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 4						
August 2020	3,123.1	-	3,123.1	15,518.1	-	15,518.1
July 2020	3,188.1	-	3,188.1	15,882.4	-	15,882.4
August 2019	3,049.7	-	3,049.7	16,867.0	-	16,867.0
Colorado						
August 2020	1,171.9	-	1,171.9	6,030.3	-	6,030.3
July 2020	1,186.0	-	1,186.0	6,179.2	-	6,179.2
August 2019	1,261.8	-	1,261.8	6,972.6	-	6,972.6
Idaho						
August 2020	403.5	-	403.5	2,253.6	-	2,253.6
July 2020	418.0	-	418.0	2,343.2	-	2,343.2
August 2019	349.3	-	349.3	2,299.2	-	2,299.2
Montana						
August 2020	422.2	-	422.2	2,333.2	-	2,333.2
July 2020	438.8	-	438.8	2,383.6	-	2,383.6
August 2019	378.0	-	378.0	2,396.9	-	2,396.9
Utah						
August 2020	894.5	-	894.5	3,725.4	-	3,725.4
July 2020	909.6	-	909.6	3,781.8	-	3,781.8
August 2019	853.4	-	853.4	4,016.7	-	4,016.7
Wyoming						
August 2020	231.0	-	231.0	1,175.6	-	1,175.6
July 2020	235.6	-	235.6	1,194.6	-	1,194.6
August 2019	207.2	-	207.2	1,181.5	-	1,181.5
PAD District 5						
August 2020	3,335.9	8,444.4	11,780.3	18,964.8	37,731.6	56,696.4
July 2020	3,314.5	8,110.1	11,424.6	18,905.0	36,652.0	55,557.0
August 2019	3,322.7	9,273.8	12,596.5	21,600.9	45,704.1	67,305.0
Alaska						
August 2020	W	-	W	699.5	-	699.5
July 2020	W	-	W	730.5	-	730.5
August 2019	W	-	W	837.8	-	837.8
Arizona						
August 2020	W	W	980.6	W	W	7,314.8
July 2020	W	W	932.7	W	W	7,125.9
August 2019	W	W	950.6	W	W	8,269.3
California						
August 2020	-	W	7,888.5	-	33,243.4	33,243.4
July 2020	-	W	7,596.0	-	32,326.3	32,326.3
August 2019	-	W	8,700.8	-	40,538.4	40,538.4
Hawaii						
August 2020	W	-	W	1,220.1	-	1,220.1
July 2020	W	-	W	1,305.6	-	1,305.6
August 2019	W	-	W	1,322.8	-	1,322.8
Nevada						
August 2020	W	W	707.0	W	W	3,088.8
July 2020	W	W	686.1	W	W	3,037.9
August 2019	W	W	690.3	W	W	3,484.5
Oregon						
August 2020	571.2	-	571.2	4,099.6	-	4,099.6
July 2020	569.6	-	569.6	4,077.1	-	4,077.1
August 2019	560.8	-	560.8	4,571.3	-	4,571.3
Washington						
August 2020	1,311.4	-	1,311.4	7,030.1	-	7,030.1
July 2020	1,283.7	-	1,283.7	6,953.6	-	6,953.6
August 2019	1,377.2	-	1,377.2	8,280.9	-	8,280.9

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2019 are final. Totals may not equal the sum of the components due to rounding.

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

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

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil		Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%	
United States							
August 2020	463.6	38,352.8	W	18,543.9	4,491.6	2,159.7	6,651.3
July 2020	469.5	37,833.7	W	18,548.4	5,659.4	2,284.5	7,943.9
August 2019	510.7	66,939.0	W	22,409.5	940.5	10,920.1	11,860.6
PAD District 1							
August 2020	140.8	6,554.1	W	3,873.2	1,924.1	202.6	2,126.7
July 2020	146.4	6,098.2	W	3,474.0	2,611.5	203.6	2,815.2
August 2019	155.0	15,453.4	W	4,398.9	138.7	2,546.7	2,685.5
Subdistrict 1A							
August 2020	20.9	773.1	-	566.2	W	W	12.2
July 2020	16.9	745.4	W	513.5	W	W	W
August 2019	25.1	1,683.3	W	716.8	W	W	51.1
Connecticut							
August 2020	2.5	95.6	-	85.2	W	-	W
July 2020	2.7	113.4	-	52.5	W	-	W
August 2019	2.6	201.2	-	63.5	W	-	W
Maine							
August 2020	3.0	119.2	-	133.4	W	W	W
July 2020	2.3	97.4	-	131.4	W	W	W
August 2019	5.2	112.5	-	198.0	W	W	13.3
Massachusetts							
August 2020	9.5	491.0	-	125.5	3.1	-	3.1
July 2020	7.9	457.3	-	121.0	W	-	W
August 2019	11.3	1,191.7	W	130.6	W	W	W
New Hampshire							
August 2020	3.2	27.0	-	124.1	W	-	W
July 2020	1.7	34.6	-	129.5	W	-	W
August 2019	3.0	57.7	-	203.0	W	-	W
Rhode Island							
August 2020	W	27.1	-	18.0	-	-	-
July 2020	W	24.8	-	17.1	-	-	-
August 2019	W	85.6	-	13.6	-	-	-
Vermont							
August 2020	W	13.2	-	80.0	W	-	W
July 2020	W	18.0	W	62.1	W	-	W
August 2019	W	34.4	W	108.0	W	-	W
Subdistrict 1B							
August 2020	31.9	3,273.4	W	1,537.9	W	W	1,979.6
July 2020	35.8	2,822.5	W	1,366.3	2,588.4	73.8	2,662.2
August 2019	35.1	9,071.4	W	1,594.9	W	W	2,295.9
Delaware							
August 2020	1.0	11.0	-	102.6	W	-	W
July 2020	0.8	9.9	-	87.9	W	-	W
August 2019	1.6	11.7	-	103.8	W	-	W
District of Columbia							
August 2020	-	-	-	-	-	-	-
July 2020	-	-	-	-	-	-	-
August 2019	-	-	-	-	-	-	-
Maryland							
August 2020	6.4	156.4	-	126.5	W	-	W
July 2020	5.2	172.4	-	134.9	W	-	W
August 2019	5.6	218.8	-	181.8	-	W	W
New Jersey							
August 2020	7.0	1,231.0	W	121.1	W	NA	W
July 2020	7.9	838.0	W	109.5	W	W	1,042.2
August 2019	5.8	2,750.8	W	111.1	W	W	1,851.6
New York							
August 2020	9.6	1,412.6	W	470.7	W	W	W
July 2020	10.4	1,304.8	W	406.1	W	W	1,502.2
August 2019	12.3	3,642.4	W	531.4	W	W	413.0
Pennsylvania							
August 2020	7.8	462.3	-	717.0	W	-	W
July 2020	11.5	497.4	-	627.9	102.5	-	102.5
August 2019	9.9	2,447.6	-	666.8	W	W	20.0

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil		Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%	
Subdistrict 1C							
August 2020	87.9	2,507.6	-	1,769.0	W	W	134.9
July 2020	93.7	2,530.3	-	1,594.2	W	W	W
August 2019	94.8	4,698.7	-	2,087.2	-	338.5	338.5
Florida							
August 2020	47.3	1,380.4	-	432.7	-	W	W
July 2020	50.2	1,441.3	-	428.7	-	W	W
August 2019	50.2	2,454.9	-	503.7	-	302.2	302.2
Georgia							
August 2020	14.1	245.7	-	295.8	W	W	W
July 2020	11.9	272.6	-	263.5	W	W	22.7
August 2019	15.8	437.7	-	337.3	-	17.1	17.1
North Carolina							
August 2020	12.0	225.4	-	441.6	-	W	W
July 2020	13.4	257.2	-	325.8	-	W	W
August 2019	11.6	333.9	-	576.7	-	W	W
South Carolina							
August 2020	6.2	163.5	-	211.2	W	W	W
July 2020	7.5	177.4	-	168.9	W	W	W
August 2019	7.3	330.4	-	246.6	-	W	W
Virginia							
August 2020	7.5	470.1	-	273.4	-	-	-
July 2020	8.9	362.0	-	284.0	-	W	W
August 2019	7.6	1,116.9	-	302.5	-	W	W
West Virginia							
August 2020	0.8	22.6	-	114.2	-	-	-
July 2020	1.8	19.8	-	123.3	-	-	-
August 2019	2.3	24.9	-	120.4	-	-	-
PAD District 2							
August 2020	113.3	8,761.3	-	6,034.8	-	89.1	89.1
July 2020	123.3	8,100.4	-	5,671.4	W	W	69.0
August 2019	130.8	11,432.0	-	7,030.6	W	W	151.6
Illinois							
August 2020	10.9	2,019.7	-	865.6	-	-	-
July 2020	12.2	1,799.8	-	920.7	-	-	-
August 2019	9.2	3,210.0	-	833.5	-	-	-
Indiana							
August 2020	7.9	787.9	-	502.4	-	W	W
July 2020	8.0	797.3	-	501.8	-	W	W
August 2019	12.0	1,106.0	-	449.5	-	NA	NA
Iowa							
August 2020	5.6	80.3	-	465.2	-	-	-
July 2020	8.7	101.7	-	410.5	-	-	-
August 2019	7.0	116.0	-	663.6	-	-	-
Kansas							
August 2020	6.1	154.2	-	566.4	-	-	-
July 2020	5.8	144.6	-	414.2	-	-	-
August 2019	7.7	158.5	-	423.7	-	-	-
Kentucky							
August 2020	4.2	1,661.9	-	238.6	-	-	-
July 2020	5.8	1,480.3	-	219.1	-	-	-
August 2019	6.5	1,604.1	-	270.1	-	-	-
Michigan							
August 2020	12.5	485.8	-	501.2	-	W	W
July 2020	11.7	370.6	-	532.3	-	W	W
August 2019	14.7	717.2	-	775.5	-	W	W
Minnesota							
August 2020	9.3	250.4	-	523.2	-	W	W
July 2020	11.5	251.7	-	507.7	-	W	W
August 2019	10.7	391.7	-	615.3	-	W	W
Missouri							
August 2020	7.4	284.6	-	312.0	-	-	-
July 2020	9.2	298.9	-	299.8	W	-	W
August 2019	8.9	373.5	-	531.2	-	-	-

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil		Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%	
PAD District 2 (cont.)							
Nebraska							
August 2020	3.6	115.6	-	174.0	-	-	-
July 2020	5.2	117.1	-	121.4	-	-	-
August 2019	6.5	186.3	-	181.4	-	-	-
North Dakota							
August 2020	5.8	89.5	-	513.6	-	-	-
July 2020	7.4	108.3	-	457.4	-	-	-
August 2019	5.3	94.0	-	539.1	-	-	-
Ohio							
August 2020	12.2	718.6	-	478.1	-	W	W
July 2020	10.9	607.4	-	466.1	-	W	W
August 2019	11.5	1,115.1	-	572.2	W	W	W
Oklahoma							
August 2020	8.4	500.7	-	172.1	-	-	-
July 2020	5.7	395.3	-	150.5	-	-	-
August 2019	8.7	871.6	-	228.9	-	W	W
South Dakota							
August 2020	3.2	46.3	-	84.0	-	W	W
July 2020	4.0	47.6	-	56.4	-	-	-
August 2019	3.3	68.7	-	145.7	-	W	W
Tennessee							
August 2020	7.8	1,413.8	-	212.5	-	W	W
July 2020	9.6	1,460.6	-	194.9	-	-	-
August 2019	9.8	1,187.5	-	195.1	-	W	W
Wisconsin							
August 2020	8.4	152.0	-	425.9	-	W	W
July 2020	7.7	119.2	-	418.7	-	W	W
August 2019	9.0	231.5	-	605.8	-	W	W
PAD District 3							
August 2020	71.2	8,711.7	-	6,058.6	820.0	881.5	1,701.5
July 2020	63.2	9,190.0	-	6,775.4	W	W	2,052.3
August 2019	74.3	16,170.9	-	8,088.0	204.8	4,143.5	4,348.4
Alabama							
August 2020	7.5	125.2	-	144.4	W	W	W
July 2020	6.8	112.4	-	115.9	W	W	W
August 2019	8.4	180.4	-	156.8	W	W	W
Arkansas							
August 2020	5.2	118.4	-	102.3	-	-	-
July 2020	4.3	140.5	-	86.2	-	-	-
August 2019	5.9	167.5	-	130.6	-	-	-
Louisiana							
August 2020	6.3	865.0	-	877.7	W	W	497.0
July 2020	5.0	1,500.5	-	1,012.7	394.5	117.9	512.4
August 2019	6.4	2,206.2	-	1,137.6	W	W	1,231.1
Mississippi							
August 2020	3.5	963.6	-	219.8	W	-	W
July 2020	4.1	637.1	-	205.0	W	-	W
August 2019	5.3	1,402.0	-	213.6	-	W	W
New Mexico							
August 2020	4.5	63.5	-	121.1	-	-	-
July 2020	3.8	79.0	-	118.9	-	-	-
August 2019	4.8	145.7	-	139.4	-	-	-
Texas							
August 2020	44.2	6,576.0	-	4,593.3	405.3	739.0	1,144.3
July 2020	39.2	6,720.5	-	5,236.8	563.0	900.1	1,463.0
August 2019	43.5	12,069.0	-	6,310.0	W	W	3,057.9

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil		Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%	
PAD District 4							
August 2020	41.9	1,746.5	-	795.9	-	-	-
July 2020	37.3	1,418.9	-	904.7	-	-	-
August 2019	39.1	2,348.9	-	950.1	-	-	-
Colorado							
August 2020	16.3	831.4	-	266.6	-	-	-
July 2020	11.5	652.9	-	267.9	-	-	-
August 2019	12.6	1,185.7	-	253.1	-	-	-
Idaho							
August 2020	8.6	104.5	-	58.0	-	-	-
July 2020	8.8	96.7	-	65.0	-	-	-
August 2019	9.5	159.3	-	89.0	-	-	-
Montana							
August 2020	6.7	151.7	-	180.4	-	-	-
July 2020	6.5	139.3	-	195.6	-	-	-
August 2019	7.5	210.7	-	219.9	-	-	-
Utah							
August 2020	7.0	559.7	-	82.1	-	-	-
July 2020	6.8	455.3	-	141.4	-	-	-
August 2019	6.7	700.0	-	86.3	-	-	-
Wyoming							
August 2020	3.2	99.1	-	208.9	-	-	-
July 2020	3.6	74.7	-	234.9	-	-	-
August 2019	2.8	93.3	-	301.9	-	-	-
PAD District 5							
August 2020	96.5	12,579.3	-	1,781.4	1,747.5	986.5	2,734.0
July 2020	99.3	13,026.1	-	1,722.8	2,016.3	991.1	3,007.4
August 2019	111.5	21,533.8	-	1,941.9	W	W	4,675.2
Alaska							
August 2020	W	1,837.2	-	W	-	-	-
July 2020	W	2,110.9	-	W	-	-	-
August 2019	W	2,011.0	-	W	-	-	-
Arizona							
August 2020	16.6	351.9	-	124.2	-	-	-
July 2020	17.5	380.3	-	147.7	-	-	-
August 2019	17.6	448.4	-	126.8	-	-	-
California							
August 2020	43.5	7,542.5	-	938.3	610.5	761.1	1,371.6
July 2020	47.6	7,811.6	-	905.8	727.3	657.4	1,384.7
August 2019	52.8	13,527.5	-	1,059.1	-	1,934.5	1,934.5
Hawaii							
August 2020	W	500.6	-	W	W	W	W
July 2020	W	527.9	-	W	W	W	W
August 2019	W	1,708.6	-	W	W	W	W
Nevada							
August 2020	5.7	378.8	-	49.7	-	-	-
July 2020	4.3	415.0	-	59.7	-	-	-
August 2019	6.0	649.0	-	73.5	-	-	-
Oregon							
August 2020	11.8	366.0	-	104.4	W	-	W
July 2020	11.5	315.5	-	112.6	W	W	W
August 2019	13.1	688.1	-	132.7	-	W	W
Washington							
August 2020	14.1	1,602.2	-	534.8	W	W	652.8
July 2020	15.5	1,465.0	-	457.5	W	W	567.3
August 2019	15.8	2,501.2	-	509.8	-	1,666.5	1,666.5

- = 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 2019 are final. Totals may not equal the sum of the components due to rounding.

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

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

Geographic area month	Kerosene	No. 1 distillate	No. 2 distillate				No. 2 distillate	Total distillate and kerosene
			No. 2 fuel oil	No. 2 diesel fuel				
			Ultra-low sulfur	Low-sulfur	High-sulfur			
United States								
August 2020	480.3	W	2,141.1	154,145.2	W	W	157,421.9	158,253.0
July 2020	719.5	W	2,266.4	151,288.5	W	W	154,761.4	155,733.7
August 2019	715.5	W	2,788.0	164,109.3	W	W	168,371.7	169,375.9
PAD District 1								
August 2020	151.4	W	1,926.9	38,891.1	-	210.7	41,028.7	41,244.1
July 2020	120.7	W	1,953.3	39,147.5	-	263.7	41,364.5	41,520.3
August 2019	92.2	W	2,398.1	40,414.6	-	236.7	43,049.5	43,181.8
Subdistrict 1A								
August 2020	W	W	798.8	W	-	W	4,281.1	4,301.4
July 2020	10.3	W	740.1	W	-	W	4,075.0	4,089.1
August 2019	W	W	1,039.6	W	-	W	4,694.4	4,721.3
Connecticut								
August 2020	W	W	166.2	815.2	-	-	981.4	984.5
July 2020	W	W	147.9	709.8	-	-	857.7	860.6
August 2019	W	W	208.2	684.1	-	-	892.3	895.1
Maine								
August 2020	W	W	192.5	664.4	-	-	857.0	869.6
July 2020	W	W	170.9	W	-	W	822.0	829.2
August 2019	W	W	228.7	W	-	W	995.5	1,012.3
Massachusetts								
August 2020	W	W	187.0	W	-	W	1,400.7	1,402.0
July 2020	W	W	190.5	W	-	W	1,373.7	1,374.5
August 2019	W	W	276.5	W	-	W	1,557.5	1,559.1
New Hampshire								
August 2020	W	W	101.5	318.5	-	-	420.0	422.3
July 2020	W	W	95.2	321.3	-	-	416.5	418.6
August 2019	W	W	126.8	339.9	-	-	466.6	469.7
Rhode Island								
August 2020	W	-	80.3	282.2	-	W	W	363.6
July 2020	W	-	75.5	W	-	-	W	364.6
August 2019	-	-	105.7	375.8	-	-	481.5	481.5
Vermont								
August 2020	W	-	71.2	W	-	-	W	259.3
July 2020	W	-	60.0	W	-	-	W	241.5
August 2019	1.8	W	93.7	207.3	-	-	301.0	303.5
Subdistrict 1B								
August 2020	123.4	W	1,080.0	W	-	W	14,513.4	14,673.1
July 2020	W	4.6	1,178.9	13,035.4	-	203.9	14,418.2	14,550.5
August 2019	57.3	W	1,307.4	W	-	W	15,247.1	15,335.6
Delaware								
August 2020	0.2	-	W	W	-	-	342.7	342.9
July 2020	0.3	-	W	W	-	-	430.0	430.3
August 2019	W	-	W	347.2	-	W	W	356.2
District of Columbia								
August 2020	-	-	W	W	-	-	27.8	27.8
July 2020	-	-	W	W	-	-	27.7	27.7
August 2019	-	-	W	W	-	-	43.0	43.0
Maryland								
August 2020	5.1	-	44.9	W	-	W	1,853.7	1,858.8
July 2020	0.9	-	42.6	W	-	W	1,758.5	1,759.4
August 2019	W	-	60.6	1,853.4	-	W	W	1,941.8
New Jersey								
August 2020	W	-	122.5	W	-	W	3,284.6	3,285.1
July 2020	W	-	317.1	2,813.3	-	99.2	3,229.5	3,229.9
August 2019	W	-	201.2	W	-	W	3,442.1	3,443.5
New York								
August 2020	W	W	691.7	W	-	W	3,913.0	4,054.7
July 2020	W	W	599.5	3,152.5	-	99.9	3,852.0	3,979.1
August 2019	38.2	W	666.8	W	-	W	4,184.6	4,252.6
Pennsylvania								
August 2020	W	W	219.7	W	-	W	5,091.5	5,103.7
July 2020	W	W	218.3	W	-	W	5,120.5	5,124.0
August 2019	13.3	-	370.9	W	-	W	5,285.2	5,298.5

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Kerosene	No. 1 distillate	No. 2 distillate				No. 2 distillate	Total distillate and kerosene
			No. 2 fuel oil	Ultra-low sulfur	Low-sulfur	High-sulfur		
Subdistrict 1C								
August 2020	W	W	48.2	W	-	W	22,234.3	22,269.6
July 2020	W	W	34.3	W	-	W	22,871.3	22,880.7
August 2019	W	W	51.2	W	-	W	23,107.9	23,124.9
Florida								
August 2020	W	-	-	6,082.1	-	W	W	6,112.6
July 2020	W	-	-	6,400.5	-	W	W	6,429.9
August 2019	W	-	-	6,253.4	-	W	W	6,300.4
Georgia								
August 2020	W	W	-	W	-	W	4,998.3	4,999.7
July 2020	W	W	-	W	-	W	5,082.8	5,084.2
August 2019	W	W	-	W	-	W	5,019.6	5,021.8
North Carolina								
August 2020	W	W	W	3,683.0	-	W	3,694.8	3,705.3
July 2020	W	W	W	W	-	-	3,889.6	3,894.0
August 2019	W	W	W	W	-	-	3,881.8	3,888.7
South Carolina								
August 2020	W	-	-	2,789.1	-	W	W	2,797.3
July 2020	W	-	-	2,812.1	-	W	W	2,812.7
August 2019	W	-	W	2,857.4	-	W	W	2,861.5
Virginia								
August 2020	W	W	11.5	W	-	W	3,664.8	3,685.0
July 2020	2.3	-	8.8	W	-	W	3,705.7	3,708.0
August 2019	4.8	-	10.5	W	-	W	3,627.2	3,631.9
West Virginia								
August 2020	W	W	W	W	-	-	W	969.7
July 2020	W	W	W	W	-	-	W	952.0
August 2019	W	W	W	W	-	-	1,417.9	1,420.6
PAD District 2								
August 2020	12.7	82.0	41.2	49,032.5	W	W	49,088.3	49,182.9
July 2020	15.9	69.0	36.6	W	W	-	48,049.2	48,134.1
August 2019	21.3	102.5	24.7	W	-	W	53,117.5	53,241.2
Illinois								
August 2020	1.5	6.2	-	W	-	W	5,366.5	5,374.2
July 2020	1.7	6.7	-	5,345.8	-	-	5,345.8	5,354.2
August 2019	1.4	6.8	-	5,589.6	-	-	5,589.6	5,597.8
Indiana								
August 2020	W	W	-	4,043.1	-	-	4,043.1	4,044.6
July 2020	W	W	-	4,057.9	-	-	4,057.9	4,060.7
August 2019	W	W	-	W	-	W	4,499.2	4,504.0
Iowa								
August 2020	1.7	11.3	W	W	-	-	2,801.4	2,814.5
July 2020	1.5	10.5	W	W	-	-	2,654.6	2,666.6
August 2019	W	W	W	W	-	-	2,793.1	2,807.7
Kansas								
August 2020	W	W	-	2,933.2	-	-	2,933.2	2,938.9
July 2020	W	W	-	2,939.1	-	-	2,939.1	2,944.4
August 2019	W	W	-	3,359.6	-	-	3,359.6	3,373.8
Kentucky								
August 2020	W	W	-	W	W	-	2,581.5	2,581.9
July 2020	W	W	-	W	W	-	2,500.7	2,501.4
August 2019	W	W	-	W	-	W	2,662.4	2,664.4
Michigan								
August 2020	W	W	-	W	W	-	3,387.7	3,395.4
July 2020	W	W	W	3,406.4	W	-	3,407.8	3,416.1
August 2019	W	W	-	W	-	W	3,502.2	3,513.0
Minnesota								
August 2020	W	W	W	W	-	-	2,563.3	2,579.6
July 2020	1.3	11.5	W	W	-	-	2,449.3	2,462.1
August 2019	W	W	W	W	-	-	2,856.1	2,875.5
Missouri								
August 2020	W	W	W	W	-	-	4,201.1	4,203.2
July 2020	W	W	W	W	-	-	4,081.5	4,082.6
August 2019	W	W	-	3,955.9	-	-	3,955.9	3,958.1

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	No. 2 distillate							Total distillate and kerosene
	Kerosene	No. 1 distillate	No. 2 fuel oil	No. 2 diesel fuel			No. 2 distillate	
				Ultra-low sulfur	Low-sulfur	High-sulfur		
PAD District 2 (cont.)								
Nebraska								
August 2020	-	2.2	-	2,435.9	-	-	2,435.9	2,438.1
July 2020	-	1.2	-	2,287.8	-	-	2,287.8	2,289.0
August 2019	-	W	-	W	-	-	W	2,201.4
North Dakota								
August 2020	W	W	-	1,645.4	-	-	1,645.4	1,657.1
July 2020	W	W	-	1,479.8	-	-	1,479.8	1,487.6
August 2019	W	W	W	W	-	-	2,311.4	2,324.9
Ohio								
August 2020	W	W	-	5,385.4	-	-	5,385.4	5,391.9
July 2020	W	W	W	W	-	-	5,539.0	5,549.9
August 2019	5.4	4.0	W	W	-	-	5,624.2	5,633.7
Oklahoma								
August 2020	W	W	-	3,640.4	-	-	3,640.4	3,649.0
July 2020	W	W	-	3,374.4	-	-	3,374.4	3,379.7
August 2019	W	W	-	5,591.1	-	-	5,591.1	5,602.8
South Dakota								
August 2020	-	2.6	W	W	-	-	1,035.5	1,038.1
July 2020	-	2.5	W	W	-	-	1,056.5	1,059.0
August 2019	-	W	W	W	-	-	W	1,047.3
Tennessee								
August 2020	W	W	-	4,125.5	-	-	4,125.5	4,128.3
July 2020	W	W	-	3,923.2	-	-	3,923.2	3,923.9
August 2019	W	W	-	4,051.2	-	-	4,051.2	4,053.8
Wisconsin								
August 2020	0.4	5.3	W	W	-	-	2,942.5	2,948.2
July 2020	0.6	4.5	W	W	-	-	2,951.5	2,956.7
August 2019	1.0	6.2	W	W	-	-	3,075.8	3,083.1
PAD District 3								
August 2020	311.9	-	W	35,386.7	-	W	35,710.3	36,022.2
July 2020	W	W	W	33,654.7	-	W	34,029.1	34,607.6
August 2019	W	W	324.4	39,342.7	-	240.8	39,907.8	40,503.9
Alabama								
August 2020	4.8	-	-	W	-	W	2,911.4	2,916.2
July 2020	1.0	-	-	2,810.2	-	-	2,810.2	2,811.2
August 2019	W	-	W	W	-	W	W	2,883.3
Arkansas								
August 2020	-	-	W	W	-	-	2,356.0	2,356.0
July 2020	-	W	-	W	-	-	W	2,536.2
August 2019	-	-	W	W	-	-	2,340.6	2,340.6
Louisiana								
August 2020	W	-	-	4,705.2	-	W	W	5,065.6
July 2020	W	-	-	4,359.7	-	W	W	5,002.6
August 2019	W	-	-	4,481.8	-	W	W	5,162.5
Mississippi								
August 2020	-	-	-	2,339.6	-	-	2,339.6	2,339.6
July 2020	-	-	-	W	-	W	1,964.9	1,964.9
August 2019	-	W	-	1,965.2	-	W	W	1,969.6
New Mexico								
August 2020	-	-	-	1,837.5	-	-	1,837.5	1,837.5
July 2020	-	-	-	1,743.7	-	-	1,743.7	1,743.7
August 2019	-	-	-	2,097.8	-	-	2,097.8	2,097.8
Texas								
August 2020	W	-	W	W	-	W	W	21,507.1
July 2020	W	-	W	20,242.6	-	W	W	20,549.1
August 2019	W	W	W	W	-	139.7	26,048.0	26,050.1

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	Kerosene	No. 1 distillate	No. 2 fuel oil	No. 2 distillate			No. 2 distillate	Total distillate and kerosene
				No. 2 diesel fuel				
				Ultra-low sulfur	Low-sulfur	High-sulfur		
PAD District 4								
August 2020	W	W	W	W	-	-	9,132.0	9,156.1
July 2020	W	W	2.9	9,216.2	-	-	9,219.1	9,234.9
August 2019	-	20.5	W	W	-	-	9,982.7	10,003.2
Colorado								
August 2020	-	8.7	-	2,296.8	-	-	2,296.8	2,305.5
July 2020	-	4.2	-	2,377.0	-	-	2,377.0	2,381.3
August 2019	-	9.1	-	2,553.0	-	-	2,553.0	2,562.0
Idaho								
August 2020	-	1.4	0.5	1,478.1	-	-	1,478.6	1,480.0
July 2020	-	0.4	0.4	W	-	-	1,508.4	1,508.8
August 2019	-	W	W	W	-	-	W	1,598.5
Montana								
August 2020	-	11.1	-	1,816.9	-	-	1,816.9	1,827.9
July 2020	-	10.0	W	W	-	-	1,720.0	1,730.0
August 2019	-	8.3	W	W	-	-	1,876.2	1,884.5
Utah								
August 2020	W	W	W	W	-	-	1,966.8	1,967.2
July 2020	W	W	W	W	-	-	2,274.5	2,274.6
August 2019	-	W	W	1,906.9	-	-	W	1,909.6
Wyoming								
August 2020	-	2.5	-	W	-	-	1,572.9	1,575.5
July 2020	-	1.0	-	W	-	-	1,339.2	1,340.2
August 2019	-	2.7	-	2,045.8	-	-	2,045.8	2,048.6
PAD District 5								
August 2020	W	W	W	W	W	708.8	22,462.6	22,647.7
July 2020	W	W	W	W	W	658.8	22,099.3	22,236.7
August 2019	W	W	W	W	W	909.1	22,314.3	22,445.8
Alaska								
August 2020	-	W	W	W	-	-	W	W
July 2020	-	W	W	W	-	-	W	W
August 2019	-	W	W	W	-	W	W	730.9
Arizona								
August 2020	-	NA	-	3,360.0	-	-	3,360.0	3,360.3
July 2020	-	W	-	W	-	-	W	3,362.2
August 2019	-	-	-	2,770.5	-	-	2,770.5	2,770.5
California								
August 2020	W	W	-	W	-	W	9,936.6	9,947.7
July 2020	W	W	-	W	-	W	9,621.4	9,630.9
August 2019	W	W	-	10,690.0	-	165.5	10,855.5	10,865.9
Hawaii								
August 2020	-	-	-	313.0	W	W	W	W
July 2020	-	-	-	340.6	W	W	W	W
August 2019	-	-	-	315.5	W	W	769.2	769.2
Nevada								
August 2020	W	W	W	W	-	-	1,825.4	1,825.5
July 2020	-	-	W	W	-	-	1,865.5	1,865.5
August 2019	W	W	W	W	-	-	W	1,509.6
Oregon								
August 2020	-	W	-	2,141.1	-	W	W	2,154.6
July 2020	-	-	-	W	-	W	2,231.0	2,231.0
August 2019	-	-	-	W	-	W	2,219.1	2,219.1
Washington								
August 2020	W	W	-	W	-	W	4,092.5	4,094.2
July 2020	W	W	W	3,545.3	-	W	3,768.4	3,769.9
August 2019	W	W	W	3,269.6	-	W	3,578.3	3,580.5

- = 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 2019 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*.