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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

- Monthly average crude oil prices rose in all sales categories in December. The average domestic crude oil first purchase price increased \$5.73 (15.0%) to \$43.96 per barrel.
- The average free-on-board (f.o.b.) cost of imported crude oil climbed \$5.17 (14.3%) to \$41.26 per barrel. The average landed cost of foreign crude oil rose \$4.91 (12.7%) to \$43.68 per barrel.
- The average refiner acquisition cost for domestic crude oil increased \$5.10 (12.3%) to \$46.66 per barrel. The average cost of imported crude oil climbed \$6.07 (15.5%) to \$45.19 per barrel. The composite refiner acquisition cost for crude oil rose \$5.46 (13.4%) to \$46.14 per barrel.

Petroleum products

Motor gasoline

- Monthly average prices for refiner motor gasoline sales increased in December. The average retail price increased 9.2 cents to \$1.828 per gallon, while the average wholesale price rose 10.7 cents to \$1.394 per gallon.
- Refiner sales of finished motor gasoline decreased in December. Total sales fell 3.4 million gallons per day (1.2%) to an average of 275.6 million gallons per day. Retail sales dropped 300,000 gallons per day (1.6%), while wholesales decreased 3.1 million gallons per day (1.2%). DTW sales made up 6.3% of wholesales, while rack and bulk sales accounted for 91.0% and 2.7%, respectively.

No. 2 distillate

- Prices for refiner sales of No. 2 distillates continued to rise in December. The average price for No. 2 diesel fuel sold to end users rose 14.3 cents to \$1.625 per gallon, while the average wholesale price increased 16.0 cents to \$1.475 per gallon. The wholesale price for No. 2 fuel rose 18.5 cents to \$1.341 per gallon.
- Sales of No. 2 ultra-low sulfur diesel fuel by refiners declined in December. Total sales fell 1.3 million gallons per day (0.9%) to 150.7 million gallons per day. Retail sales declined 300,000 gallons per day (3.3%), while wholesales decreased 1.0 million gallons per day (0.7%).

Residual fuel oil

- December prices for refiner sales of residual fuel rose from November levels. The average retail price for residual fuel oil increased 14.4 cents to \$1.289 per gallon, while the average wholesale price rose 17.8 cents to \$1.323 per gallon.
- Refiner residual fuel oil sales dropped 300,000 gallons per day (4.1%) to 7.1 million gallons per day in December. Retail sales were flat, while wholesales accounted for the overall decline of 300,000 gallons per day (5.6%).

Other products

- Monthly average prices for refiner sales of the remaining surveyed were rose in December. Propane, kerosene-type jet fuel, aviation gasoline, and No. 1 distillate prices increased at both retail and wholesale. The price for kerosene also rose at the wholesale level.
- Refiner sales of these products show mixed trends in December. Propane and No. 1 distillate fell at retail, but increased at wholesale, while aviation gasoline sales show the opposite trend. Kerosene-type jet fuel sales rose in both sales categories, while kerosene 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					
	December 2020		November 2020		December 2019		December 2020		November 2020		December 2019	
	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume
Motor gasoline	1.828	18.7	1.736	19.0	2.182	23.3	1.394	256.9	1.287	260.0	1.757	294.6
Conventional	1.667	11.6	1.555	11.9	2.030	14.5	1.342	178.6	1.228	178.6	1.694	201.0
Regular	1.607	10.1	1.495	10.4	1.980	12.8	1.307	157.8	1.191	157.2	1.659	179.5
Midgrade	1.894	0.6	1.791	0.6	2.267	0.7	1.500	0.9	1.391	1.0	1.861	1.1
Premium	2.206	0.9	2.101	0.9	2.536	0.9	1.611	19.9	1.503	20.5	1.994	20.4
Reformulated	2.094	7.1	2.036	7.2	2.429	8.9	1.513	78.3	1.415	81.4	1.892	93.6
Regular	1.964	5.0	1.900	5.1	2.313	6.6	1.455	63.9	1.359	65.6	1.834	77.8
Midgrade	2.297	0.7	2.255	0.7	2.652	0.8	1.686	0.3	1.579	0.3	2.067	0.5
Premium	2.486	1.3	2.432	1.3	2.834	1.4	1.769	14.1	1.652	15.5	2.177	15.4
Aviation gasoline	2.674	0.0	2.485	0.0	W	W	2.289	0.3	2.123	0.3	2.734	0.3
Kerosene-type jet fuel	1.395	24.1	1.216	22.1	1.979	32.6	1.353	22.5	1.180	20.9	1.932	41.7
Propane (consumer grade)	0.697	3.5	0.577	3.7	0.601	3.8	0.725	31.0	0.630	25.3	0.632	38.0
Kerosene	W	W	W	W	W	W	1.585	1.0	1.322	0.9	2.087	1.4
No. 1 distillate	1.977	0.1	1.769	0.2	2.501	0.1	1.740	2.2	1.647	1.7	2.369	2.6
No. 2 distillate	1.629	9.2	1.485	9.5	2.075	11.1	1.466	153.0	1.306	152.1	1.941	170.2
No. 2 fuel oil	2.004	0.1	1.760	0.1	2.361	0.1	1.341	10.2	1.156	8.4	1.919	14.6
No. 2 diesel fuel	1.625	9.1	1.482	9.4	2.072	11.0	1.475	142.8	1.315	143.7	1.943	155.6
Ultra low sulfur	1.631	8.9	1.489	9.2	2.079	10.5	1.475	141.8	1.315	142.8	1.944	154.0
Low sulfur	W	W	W	W	W	W	-	-	-	-	-	-
High sulfur	W	W	W	W	W	W	1.453	1.1	1.243	0.9	1.833	1.5
No. 4 fuel[a]	-	-	-	-	-	-	W	W	W	W	W	W
Residential fuel oil	1.289	2.0	1.145	2.0	1.745	2.1	1.323	5.1	1.145	5.4	1.597	6.1
Sulfur content not > 1%	W	W	W	W	W	W	1.350	3.3	1.164	3.8	1.758	2.8
Sulfur content > 1%	1.209	W	1.068	W	1.543	W	1.274	1.8	1.098	1.6	1.460	3.3

NA = Not available.

- = No data reported.

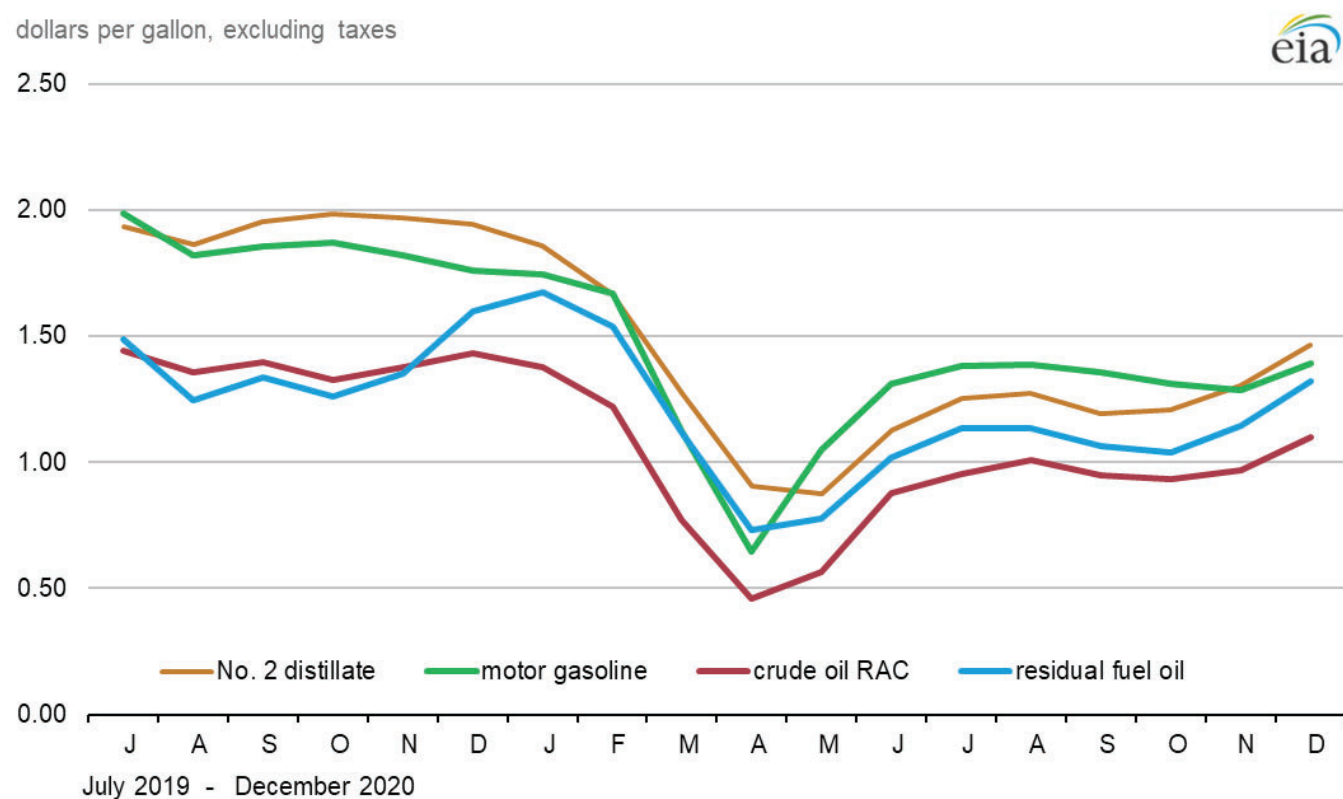
W = Withheld to avoid disclosure of individual company data.

[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



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 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	32.41	36.05	37.25	36.14	36.80
July	37.55	35.35	38.91	40.55	39.33	40.07
August	39.42	35.99	40.15	42.82	41.72	42.41
September	36.89	35.45	37.96	40.42	38.76	39.83
October	36.46	R34.35	R37.11	40.06	37.80	39.21
November	R38.23	R36.09	R38.77	41.56	R39.12	R40.68
December	43.96	41.26	43.68	R46.66	R45.19	R46.14
2020 average	37.07	33.02	36.11	41.31	37.41	39.80
2021						
January [c]	NA	NA	NA	E51.89	E50.40	E51.31

NA = Not available.

E = Estimated data.

R = Revised data.

[a] Free on Board. See Glossary.

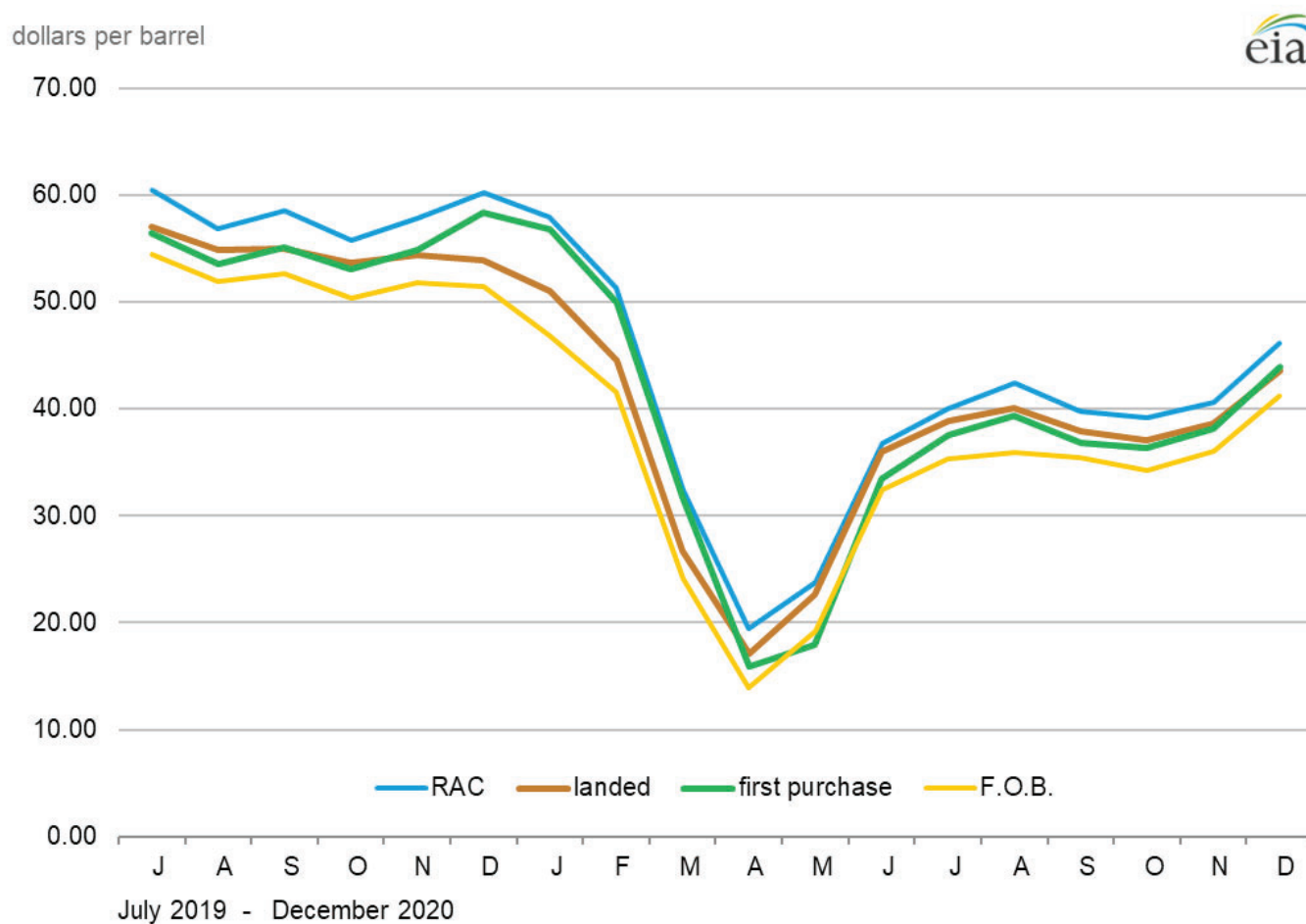
[b] Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section.

[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	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	39.33	40.07	45.44	43.76	44.18	41.15	37.50	39.42
August	42.82	41.72	42.41	45.83	44.95	45.16	42.72	39.73	41.27
September	40.42	38.76	39.83	43.67	41.74	42.25	40.31	35.95	38.42
October	40.06	37.80	39.21	41.42	40.17	40.56	39.93	35.99	38.27
November	41.56	R39.12	R40.68	45.02	43.61	44.02	41.68	R36.52	R39.40
December	R46.66	R45.19	R46.14	50.93	49.72	49.97	47.37	42.38	45.20
2020	41.31	37.41	39.80	44.73	43.74	44.07	40.76	33.51	37.22

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	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	40.05	39.73	39.96	40.55	34.81	36.99	41.35	42.74	41.97
August	42.72	42.21	42.59	41.34	38.94	40.26	43.67	44.45	44.02
September	40.42	39.79	40.26	38.88	35.67	37.47	40.83	42.11	41.39
October	40.22	38.52	39.74	38.29	34.21	35.84	39.96	40.98	40.40
November	41.47	39.91	41.05	39.61	36.01	37.40	41.92	42.82	42.27
December	46.16	45.71	46.05	44.84	40.19	42.15	48.27	49.12	48.63
2020	41.26	37.58	40.23	39.40	32.47	35.46	42.45	44.13	43.22

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	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	2.761	1.175	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
September	1.804	2.613	1.110	0.508	W	1.759	1.386	1.411	1.386	-	1.200
October	1.773	2.495	1.134	0.548	W	1.878	1.400	1.360	1.400	-	1.151
November	1.736	2.485	1.216	0.577	W	1.769	1.482	1.760	1.485	-	1.145
December	1.828	2.674	1.395	0.697	W	1.977	1.625	2.004	1.629	-	1.289

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

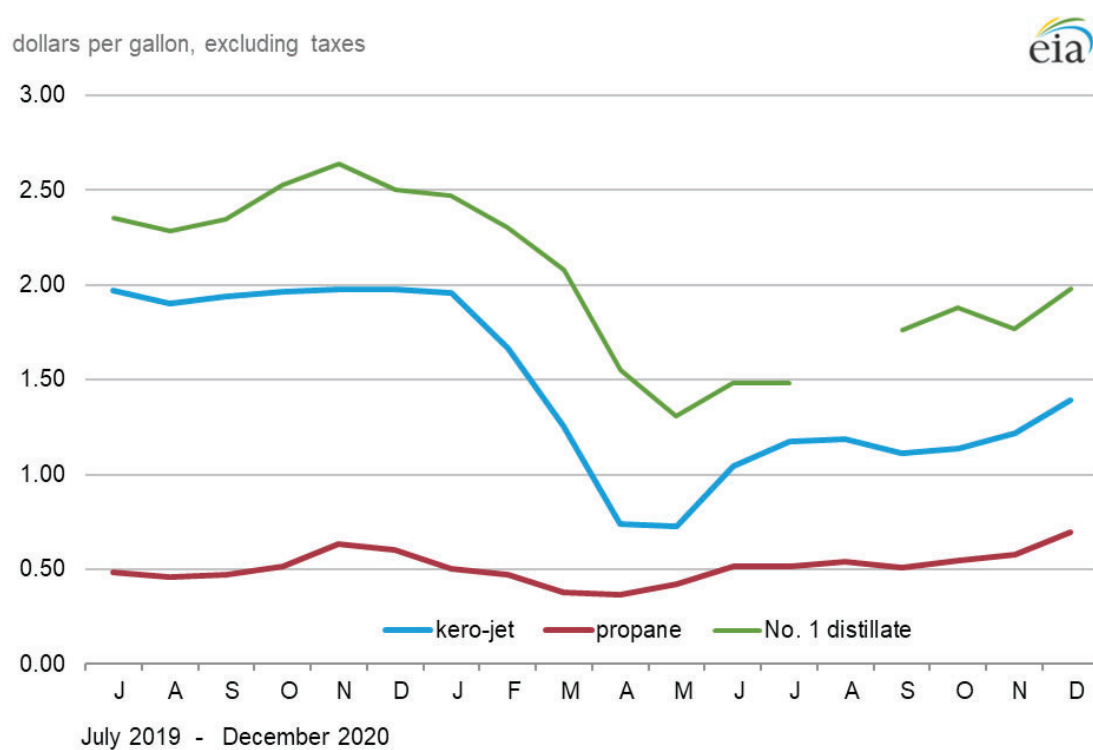
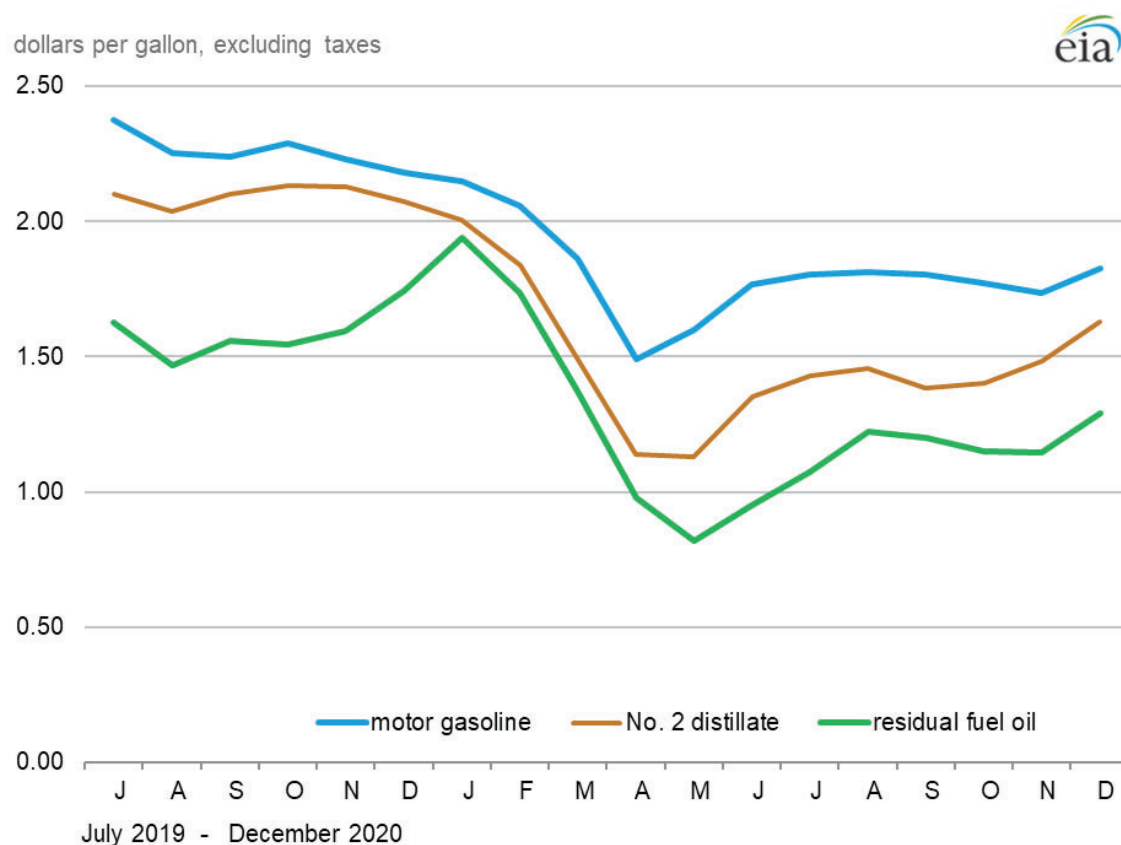
R = Revised data.

[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	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	20.2	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
September	20.5	0.0	20.2	3.4	W	0.1	9.5	0.1	9.5	-	1.9
October	20.7	0.0	20.5	3.0	W	0.1	9.7	0.1	9.9	-	2.9
November	R19.0	0.0	22.1	3.7	W	0.2	9.4	0.1	9.5	-	2.0
December	18.7	0.0	24.1	3.5	W	0.1	9.1	0.1	9.2	-	2.0

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

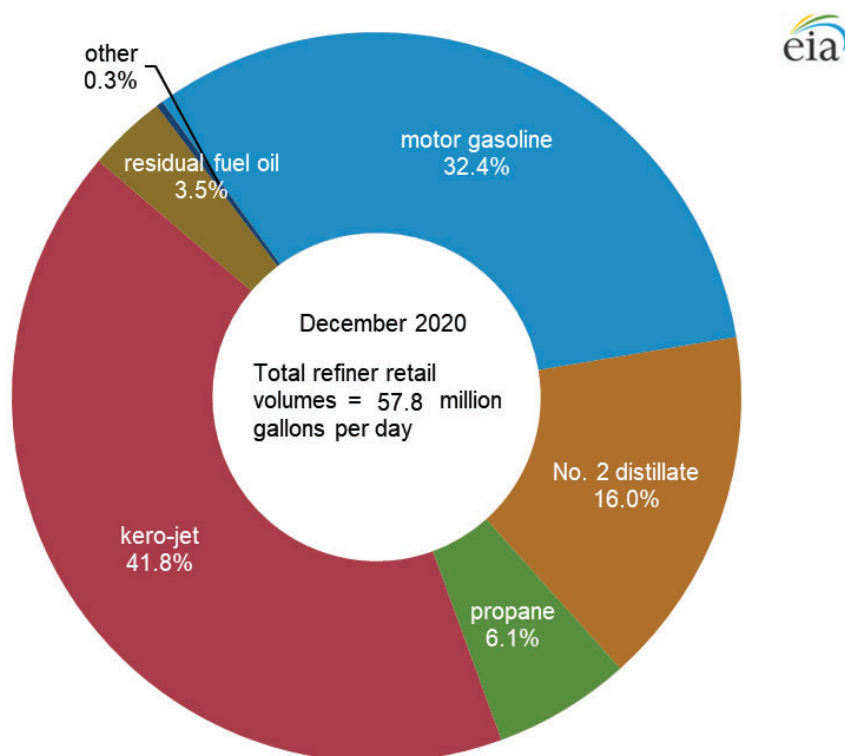
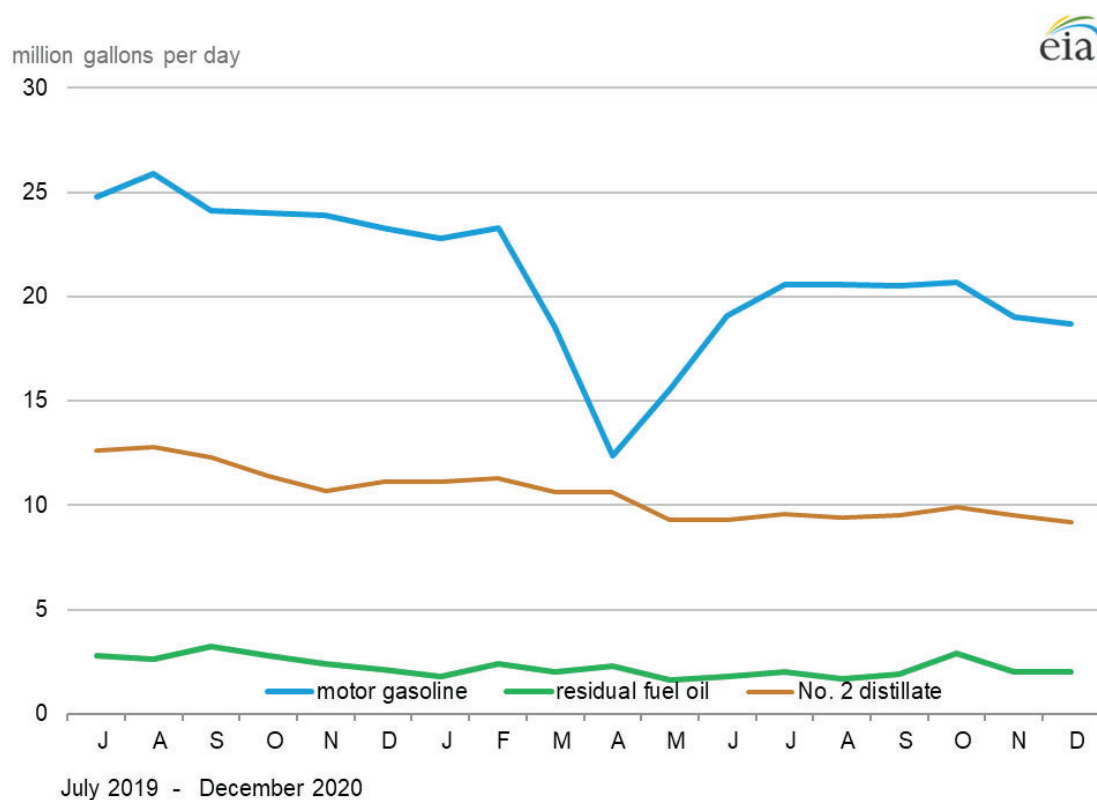
R = Revised data.

[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	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	1.144	0.507	1.172	1.526	1.254	1.152	1.251	W	1.137
August	1.389	2.219	1.162	0.536	1.250	1.526	1.275	1.179	1.273	W	1.135
September	1.354	2.246	1.076	0.516	1.215	1.445	1.195	1.091	1.191	W	1.066
October	1.312	2.217	1.107	0.597	1.293	1.499	1.215	1.089	1.210	W	1.041
November	R1.287	2.123	1.180	R0.630	1.322	1.647	1.315	1.156	1.306	W	1.145
December	1.394	2.289	1.353	0.725	1.585	1.740	1.475	1.341	1.466	W	1.323

W = Withheld to avoid disclosure of individual company data.

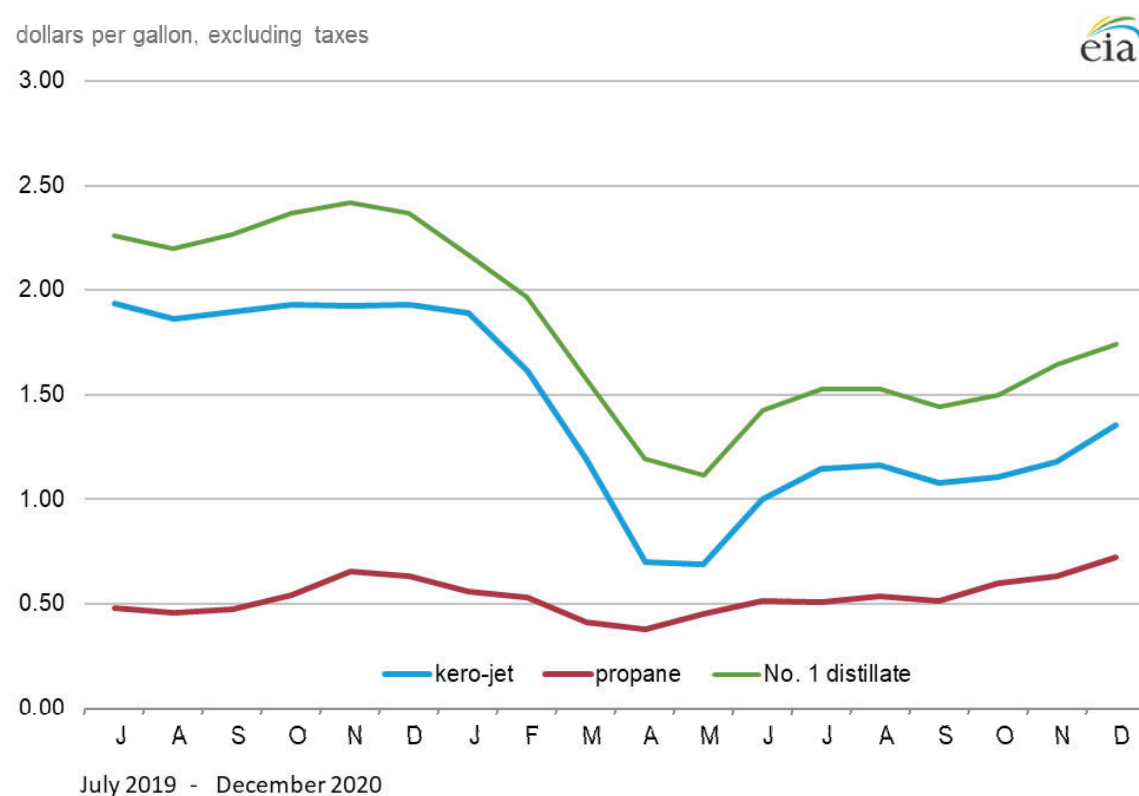
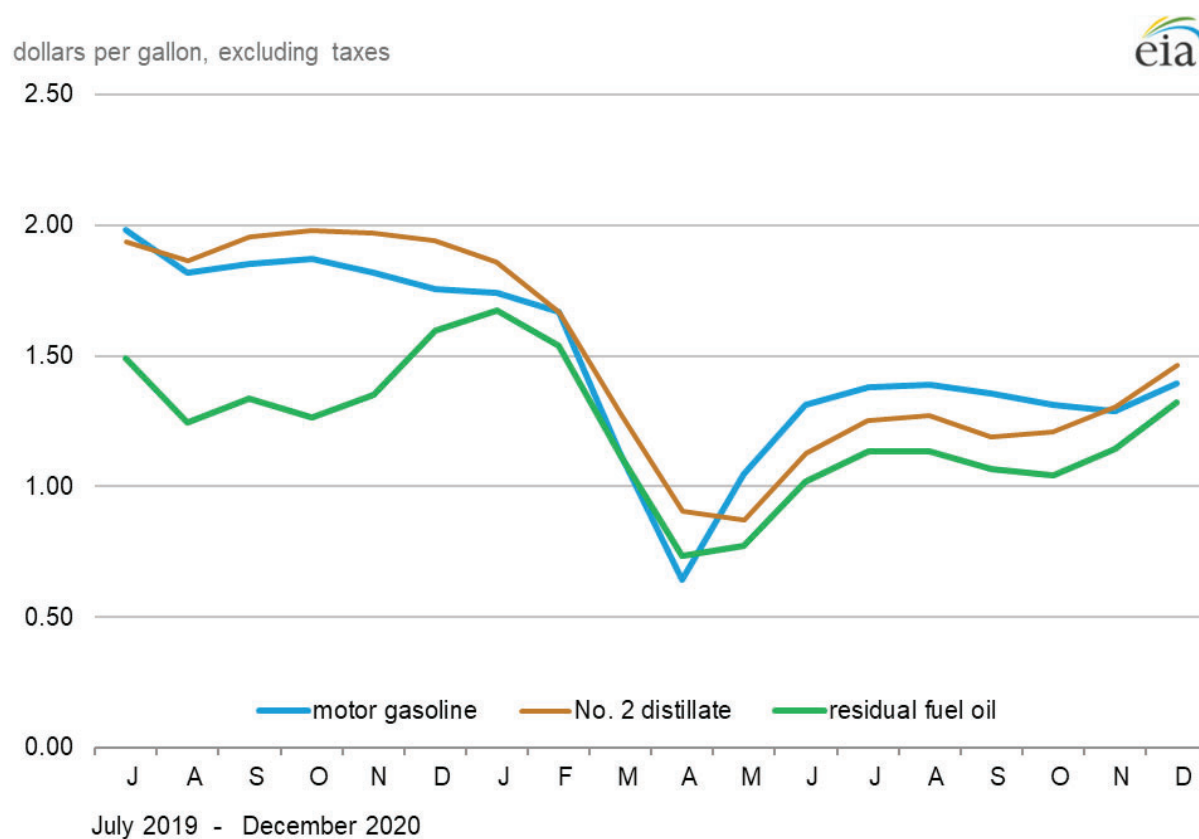
R = Revised data.

[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	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	274.4	0.4	18.0	19.0	1.1	0.2	143.4	3.9	147.2	W	4.4
August	277.2	0.4	17.8	18.0	0.8	0.2	144.3	3.4	147.8	W	4.4
September	273.3	0.4	18.7	22.7	0.8	0.4	152.5	6.0	158.5	W	6.0
October	272.1	0.4	18.1	24.3	0.7	1.3	150.7	6.6	157.4	W	5.8
November	R260.0	0.3	20.9	R25.3	0.9	1.7	143.7	8.4	152.1	W	5.4
December	256.9	0.3	22.5	31.0	1.0	2.2	142.8	10.2	153.0	W	5.1

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

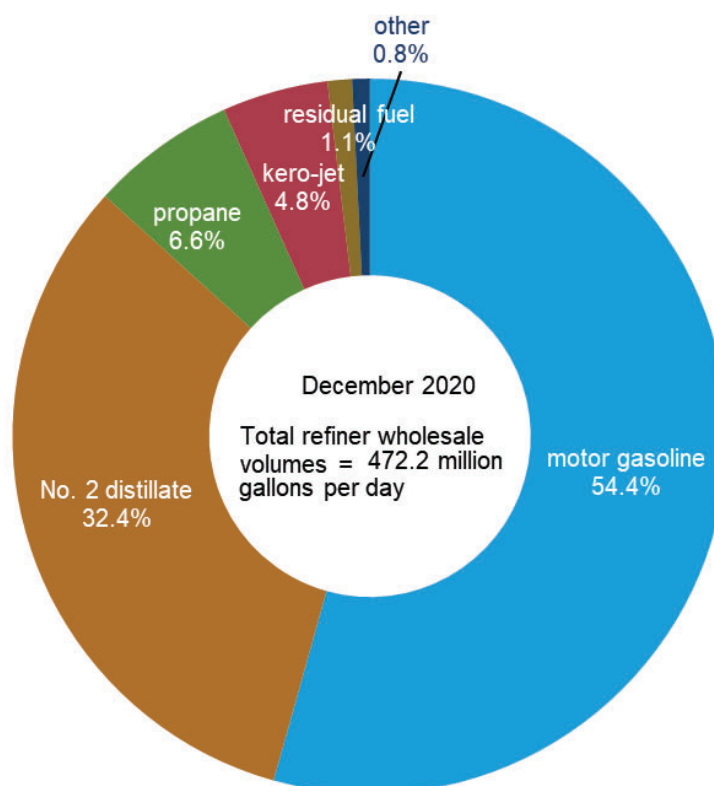
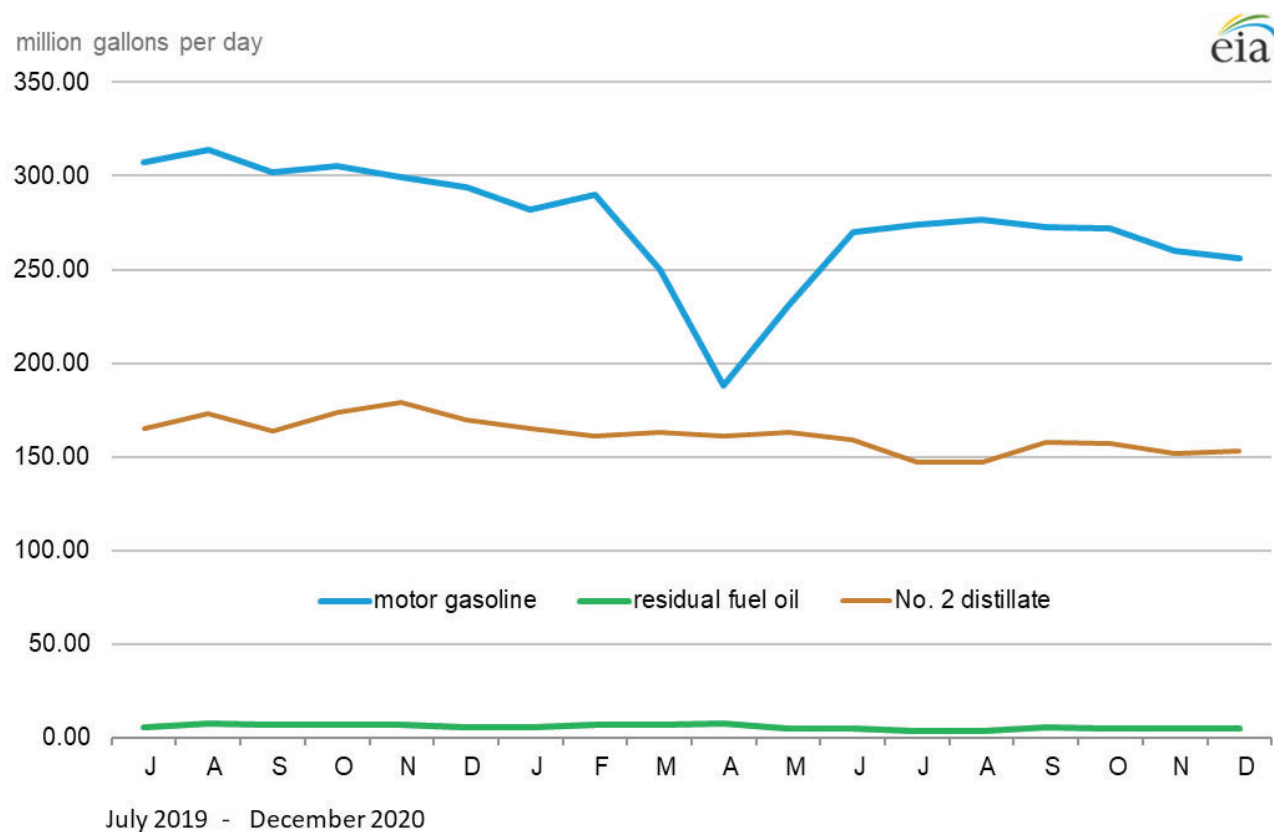
R = Revised data.

[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	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	1.708	1.775	1.305	1.198	1.330	2.092	2.087	1.989	1.496	-	1.530
August	1.713	1.711	1.825	1.311	1.197	1.338	2.111	2.106	2.043	1.503	-	1.545
September	1.700	1.698	1.798	1.276	1.192	1.304	2.111	2.106	2.007	1.466	-	1.507
October	1.668	1.666	1.748	1.237	1.190	1.266	2.088	2.083	1.986	1.416	-	1.461
November	1.630	R1.629	R1.747	1.212	1.134	1.240	R2.049	R2.044	R1.938	1.389	-	R1.441
December	1.728	1.725	1.790	1.325	1.292	1.350	2.116	2.112	1.962	1.499	-	NA

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	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	1.336	1.692	1.808	1.806	1.849	1.351	1.221	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
September	2.355	2.354	2.105	1.607	1.309	1.653	1.806	1.804	1.873	1.320	1.216	1.354
October	2.336	2.334	2.052	1.552	1.242	1.596	1.775	1.773	1.823	1.278	1.203	1.312
November	R2.302	R2.300	R2.051	1.528	1.189	1.567	1.738	1.736	1.824	1.253	1.148	R1.287
December	2.374	2.373	2.097	1.631	1.391	1.676	1.831	1.828	1.868	1.364	1.310	1.394

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	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	16.7	13.6	216.5	5.6	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
September	16.5	16.6	13.8	214.3	6.0	234.0	1.5	1.5	0.1	1.4	-	1.5
October	16.7	16.8	13.7	214.2	5.6	233.4	1.5	1.5	0.1	1.3	-	1.4
November	R15.3	R15.5	R12.7	R203.0	7.1	R222.8	1.4	1.4	0.1	1.2	-	1.3
December	15.1	15.2	12.0	203.9	5.7	221.7	1.3	1.4	0.1	1.1	-	1.3

See footnotes at end of table.

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

million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
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	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	31.7	1.1	37.1	20.4	20.6	17.9	249.7	6.7	274.4
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
September	2.4	2.4	4.4	31.8	1.5	37.7	20.3	20.5	18.2	247.5	7.6	273.3
October	2.4	2.4	4.4	31.0	1.9	37.3	20.5	20.7	18.2	246.5	7.5	272.1
November	2.2	2.2	4.2	29.5	2.3	36.0	R18.9	R19.0	R17.0	R233.6	9.4	R260.0
December	2.2	2.2	4.0	28.7	1.3	34.0	18.6	18.7	16.1	233.8	7.0	256.9

NA = Not available.

- = No data reported.

R = Revised data.

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

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. - Data for the 4th quarter of 1993 were derived from two separate survey systems. The DTW, Rack, and Bulk components were derived from the revised EIA-782 survey system, while the End-Use and Average Resale categories were derived from the predecessor EIA-782 survey system. Therefore, the DTW, Rack, and Bulk components are not consistent with the Average Resale category. Beginning January 1994, all data are from the revised EIA-782 survey system and are consistent. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 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	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
September	1.574	1.573	1.530	1.258	W	1.260	1.893	1.886	W	1.464	-	1.473
October	1.539	1.539	1.471	1.218	W	1.221	1.860	1.854	W	1.408	-	1.419
November	R1.495	R1.495	R1.498	R1.188	W	R1.191	1.797	1.791	R1.794	1.374	-	R1.391
December	1.608	1.607	1.551	1.303	W	1.307	1.900	1.894	W	1.487	-	1.500

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	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
September	2.185	2.183	1.789	W	1.307	1.598	1.638	1.637	1.584	1.298	W	1.301
October	2.158	2.156	1.730	W	1.264	1.542	1.603	1.602	1.524	1.255	W	1.259
November	R2.103	R2.101	W	1.515	1.229	R1.503	R1.556	R1.555	R1.554	1.224	1.159	R1.228
December	2.207	2.206	1.809	W	1.386	1.611	1.669	1.667	1.605	1.338	W	1.342

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	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
September	11.1	11.2	W	158.3	W	166.6	0.7	0.7	W	W	-	1.1
October	11.3	11.4	W	158.0	W	165.6	0.7	0.7	W	W	-	1.0
November	R10.3	R10.4	W	R149.3	W	R157.2	0.6	0.6	0.0	0.9	-	R1.0
December	10.0	10.1	W	150.2	W	157.8	0.6	0.6	W	W	-	0.9

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	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
September	1.0	1.0	0.7	W	W	22.2	12.7	12.9	W	179.5	W	189.9
October	1.0	1.0	0.7	W	W	21.3	12.9	13.0	W	178.7	W	188.0
November	0.9	0.9	W	18.5	W	20.5	R11.7	R11.9	R3.2	R168.7	6.8	R178.6
December	0.9	0.9	0.6	W	W	19.9	11.5	11.6	W	169.2	W	178.6

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	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	1.380	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
September	1.959	1.957	1.870	1.328	W	1.414	2.299	2.299	W	1.472	-	1.604
October	1.933	1.931	1.819	1.290	W	1.374	2.284	2.284	W	1.449	-	1.584
November	1.902	1.900	1.808	1.282	W	1.359	2.255	2.255	2.008	R1.442	-	R1.579
December	1.966	1.964	1.852	1.386	W	1.455	2.297	2.297	W	1.549	-	1.686

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	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	1.777	2.057	2.056	1.909	1.429	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
September	2.476	2.475	2.168	W	W	1.731	2.089	2.087	1.946	1.376	W	1.474
October	2.459	2.459	2.112	W	W	1.667	2.066	2.064	1.895	1.336	W	1.430
November	2.433	2.432	W	1.549	1.128	1.652	2.037	2.036	1.885	1.328	1.119	1.415
December	2.487	2.486	2.148	W	W	1.769	2.096	2.094	1.931	1.430	W	1.513

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	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	55.7	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
September	5.4	5.4	W	56.0	W	67.5	0.8	0.8	W	W	-	0.4
October	5.4	5.5	W	56.1	W	67.8	0.8	0.8	W	W	-	0.4
November	5.1	5.1	W	53.6	W	65.6	0.7	0.7	0.1	0.3	-	0.3
December	5.0	5.0	W	53.8	W	63.9	0.7	0.7	W	W	-	0.3

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	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	14.8	7.4	7.5	W	67.1	W	82.1
August	1.4	1.4	3.6	W	W	15.3	7.6	7.6	W	69.2	W	84.7
September	1.4	1.4	3.6	W	W	15.5	7.6	7.6	W	68.0	W	83.4
October	1.4	1.4	3.7	W	W	16.0	7.6	7.7	W	67.8	W	84.1
November	1.3	1.3	W	11.0	W	15.5	7.2	7.2	13.8	64.9	2.7	81.4
December	1.3	1.3	3.4	W	W	14.1	7.0	7.1	W	64.6	W	78.3

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	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	1.089	1.071	1.137
August	W	1.189	1.026	1.068	1.224	1.135
September	W	1.098	1.035	1.000	1.200	1.066
October	W	1.078	1.071	0.996	1.151	1.041
November	W	1.164	1.068	1.098	1.145	1.145
December	W	1.350	1.209	1.274	1.289	1.323

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	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	1.1	2.0	4.4
August	W	2.4	W	1.9	1.7	4.4
September	W	4.0	W	2.0	1.9	6.0
October	W	3.1	W	2.7	2.9	5.8
November	W	3.8	W	1.6	2.0	5.4
December	W	3.3	W	1.8	2.0	5.1

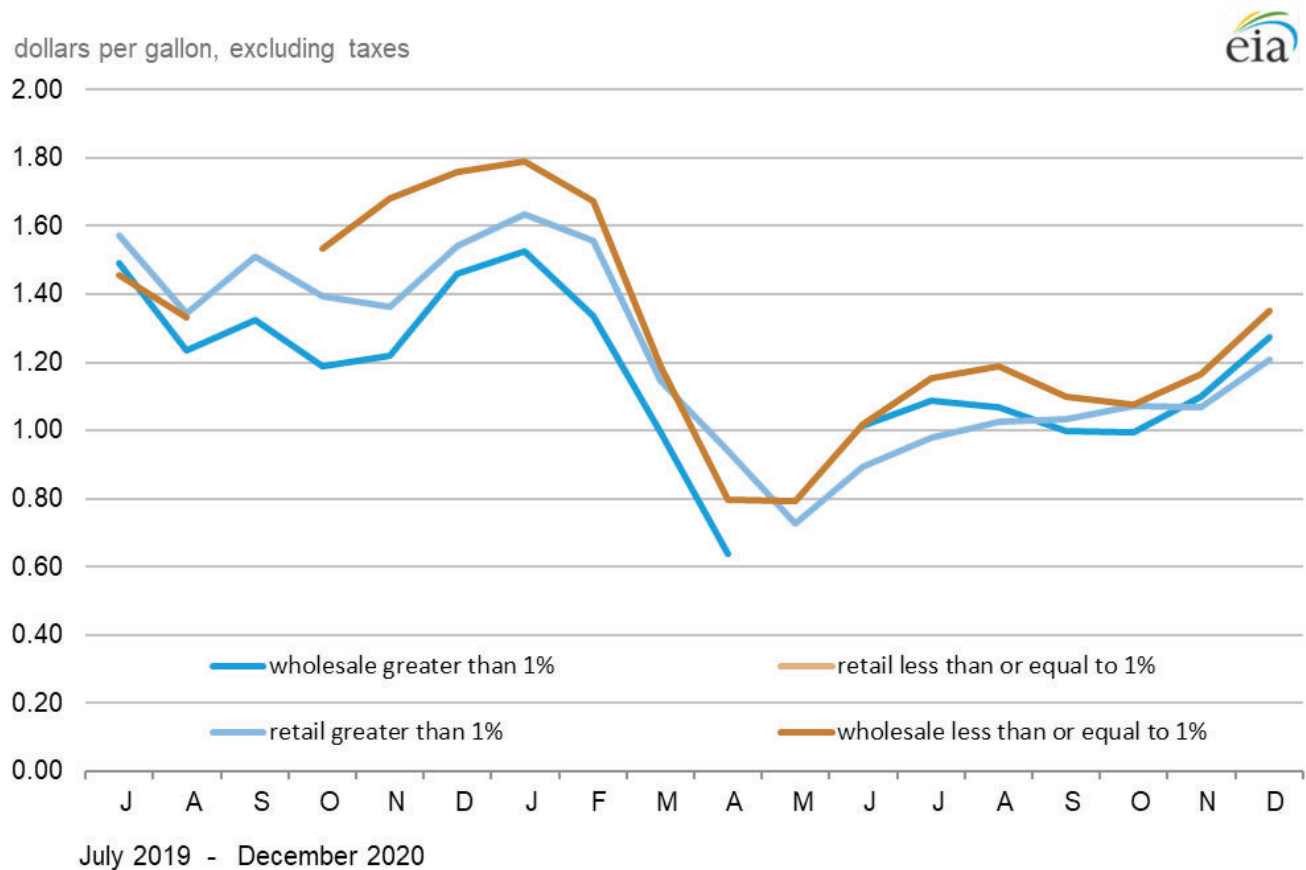
NA = Not available.

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	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	39.42	39.65	32.59	W	35.24	32.68	38.20	38.91	38.65	37.89	37.52	38.75	35.92
September	36.89	37.17	28.42	W	30.65	27.12	35.61	36.34	36.18	35.34	35.04	36.06	33.41
October	36.46	36.80	29.37	W	30.68	28.35	35.39	36.16	35.96	35.12	34.78	35.77	32.98
November	R38.23	R38.50	30.13	W	32.48	28.89	37.25	38.04	37.81	36.99	36.55	37.60	34.81
December	43.96	44.19	36.09	W	38.06	35.02	43.51	43.94	43.72	42.87	42.54	42.90	40.68
2020	37.07	37.26	31.53	W	32.54	30.35	36.10	38.05	38.18	36.29	36.94	38.20	34.39

See footnotes at end of table.

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

dollars per barrel

Year month	PAD District 2 (cont.)				PAD District 3							Federal Offshore Gulf
	ND	OH	OK	SD	Average	AL	AR	LA	MS	NM	TX	
1997	17.63	17.77	19.05	17.80	18.69	18.58	17.58	19.22	16.94	19.02	18.66	18.63
1998	11.39	12.20	12.73	12.29	12.19	12.08	11.10	12.59	10.33	12.36	12.28	12.03
1999	16.70	16.41	17.77	16.86	17.07	16.71	15.89	17.73	15.42	17.46	17.29	16.66
2000	28.19	27.49	29.08	28.18	28.22	27.63	26.98	29.03	26.23	28.80	28.60	27.59
2001	23.55	22.55	24.68	23.89	23.43	23.18	21.82	24.51	21.13	23.72	23.41	23.29
2002	24.15	22.61	24.49	23.96	23.74	23.39	21.50	24.84	22.11	24.11	23.77	23.49
2003	29.27	28.18	29.72	28.94	29.08	28.97	26.57	30.52	27.46	29.52	29.13	28.72
2004	39.30	38.27	39.95	38.40	38.41	38.79	36.67	40.48	37.03	39.25	38.79	37.07
2005	52.38	53.47	54.46	50.65	51.96	53.26	50.86	54.05	49.58	52.84	52.61	49.78
2006	56.69	62.89	63.11	51.85	61.49	63.16	58.67	64.23	59.35	61.74	61.31	60.80
2007	65.30	68.09	69.31	62.78	68.37	71.10	64.25	71.63	68.65	68.94	68.30	67.40
2008	88.68	96.43	96.15	87.42	97.64	96.71	90.91	100.89	94.60	96.23	96.85	99.10
2009	53.75	56.35	56.56	50.75	57.77	55.25	53.07	59.18	58.29	57.08	57.40	58.22
2010	70.26	73.68	75.18	69.04	76.57	75.54	71.01	78.25	76.41	75.64	76.23	77.06
2011	88.74	90.79	90.94	87.08	96.79	105.99	87.61	106.20	100.43	90.93	91.99	105.65
2012	84.06	92.87	89.97	83.10	96.11	104.81	89.39	105.97	100.80	88.01	92.50	105.95
2013	90.22	94.89	94.25	89.28	97.53	103.10	92.98	105.18	100.44	92.13	95.80	103.29
2014	82.89	83.95	89.25	82.78	88.43	89.73	85.23	94.13	90.81	83.44	87.02	93.33
2015	41.42	38.40	44.96	42.73	45.61	44.55	43.04	48.43	46.81	44.40	44.95	47.67
2016	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	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	40.00	38.23	36.80	40.66	39.95	39.94	39.81	41.02
September	35.35	33.12	36.68	33.13	37.65	35.48	34.54	38.50	37.18	37.30	37.11	39.80
October	35.02	33.45	36.62	33.30	37.21	35.15	34.23	37.81	36.70	37.13	37.07	37.95
November	36.89	34.75	38.45	35.17	R38.80	36.79	36.16	39.51	39.04	38.66	R38.73	39.11
December	43.43	40.66	44.27	40.66	44.30	42.46	41.60	45.35	44.45	44.33	44.73	43.02
2020	35.65	34.09	37.05	32.72	37.55	36.19	35.16	38.91	37.76	36.78	37.43	38.37

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	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
September	34.15	35.31	32.85	35.58	33.37	35.25	31.90	-	39.16	W
October	34.43	35.33	32.68	35.32	34.06	34.29	30.82	W	38.77	W
November	36.26	37.16	34.62	36.93	35.96	36.98	34.69	-	40.93	W
December	41.90	42.91	40.21	41.96	41.82	43.44	40.64	-	47.61	W
2020	33.39	31.40	33.21	34.91	34.50	36.64	33.98	W	40.21	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	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
September	31.90	W	38.12	37.11	37.57	39.34	37.56	36.07	33.66
October	30.82	W	37.93	36.72	37.66	37.90	37.33	36.26	34.35
November	34.69	W	39.95	R38.00	R39.53	39.69	38.90	R39.38	36.36
December	40.64	W	46.76	43.85	44.33	44.66	44.82	45.39	42.32
2020	33.98	40.26	39.04	38.26	38.08	36.93	37.82	37.02	34.97

- = 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	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
September	38.78	38.94	31.88	37.99	37.40	36.72
October	38.42	38.59	30.86	37.19	37.21	36.66
November	40.46	40.71	34.68	R39.23	38.84	38.45
December	47.14	47.21	40.61	44.63	44.75	44.50
2020	40.03	40.15	33.93	37.43	37.75	36.78

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							Persian Gulf[b]	Total OPEC[c]	Non OPEC
	Angola	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela			
1997	18.81	18.85	16.72	19.43	15.16	18.59	15.33	15.24	16.26	17.51
1998	12.11	12.56	10.49	12.97	8.87	12.52	9.31	9.09	10.20	11.21
1999	17.46	17.20	15.89	17.32	17.65	19.14	14.33	17.15	15.90	16.84
2000	27.90	29.04	25.39	28.70	24.62	27.21	24.45	24.72	25.56	26.77
2001	23.25	24.25	18.89	24.85	18.98	23.30	18.01	18.89	19.73	21.04
2002	24.09	24.64	21.60	25.38	23.92	24.50	20.13	23.38	22.18	22.93
2003	28.22	28.89	24.83	29.40	25.03	28.76	23.81	25.17	25.36	26.21
2004	37.26	37.73	31.55	38.71	34.08	37.30	31.78	33.08	33.95	33.58
2005	52.48	51.89	43.00	55.95	47.96	54.48	46.39	47.21	49.60	45.79
2006	62.23	59.77	52.91	65.69	56.09	66.03	55.80	56.02	59.18	55.35
2007	67.80	67.93	61.35	76.64	W	69.96	64.10	69.93	69.58	62.69
2008	95.66	91.17	84.61	102.06	93.03	96.33	88.06	91.44	93.15	87.15
2009	57.07	57.90	56.47	64.61	57.87	65.63	55.58	59.53	58.53	57.16
2010	78.18	72.56	72.46	80.83	76.44	W	70.30	75.65	75.23	73.24
2011	111.82	100.21	100.90	115.35	107.08	-	97.23	106.47	105.34	98.49
2012	111.23	106.43	101.84	114.51	106.65	-	100.15	105.45	104.39	95.71
2013	107.71	101.24	98.40	110.06	101.16	W	97.52	100.62	100.57	93.67
2014	W	80.75	86.55	W	95.60	-	84.51	94.03	89.76	82.95
2015	W	47.52	44.90	W	47.53	-	40.73	46.95	43.25	41.19
2016	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	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	-	40.84	41.40	31.38
July	-	W	37.95	W	42.86	-	-	40.60	41.48	34.64
August	-	40.34	40.16	W	W	-	-	W	44.02	35.77
September	-	37.36	38.42	W	W	-	-	W	41.19	35.17
October	W	W	R37.12	W	-	-	-	-	40.10	R34.01
November	-	W	R39.31	-	-	W	-	W	W	R36.00
December	W	W	44.96	W	-	-	-	W	W	40.62
2020	W	35.79	35.88	W	33.10	43.39	-	34.59	37.33	32.65

- = 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								Persian Gulf[a]	Total OPEC[b]	Non OPEC
	Angola	Canada	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela			
1997	20.24	17.63	19.71	17.30	20.64	17.52	20.64	16.35	17.44	17.73	18.45
1998	13.37	11.62	13.26	11.04	14.14	11.16	13.55	10.16	11.18	11.46	12.22
1999	18.37	17.54	18.09	16.12	17.63	17.48	18.26	15.58	17.37	16.94	17.51
2000	29.57	26.69	29.68	26.03	30.04	26.58	29.26	26.05	26.77	27.29	27.80
2001	25.13	20.72	25.88	19.37	26.55	20.98	25.32	19.81	20.73	21.52	22.17
2002	25.43	22.98	25.28	22.09	26.45	24.77	26.35	21.93	24.13	23.83	23.97
2003	30.14	26.76	30.55	25.48	31.07	27.50	30.62	25.70	27.54	27.70	27.68
2004	39.62	34.51	39.03	32.25	40.95	37.11	39.28	33.79	36.53	36.84	35.29
2005	54.31	44.73	53.42	43.47	57.55	50.31	55.28	47.87	49.68	51.36	47.31
2006	64.85	53.90	62.13	53.76	68.26	59.19	67.44	57.37	58.92	61.21	57.14
2007	71.27	60.38	70.91	62.31	78.01	70.78	72.47	66.13	69.83	71.14	63.96
2008	98.18	90.00	93.43	85.97	104.83	94.75	96.95	90.76	93.59	95.49	90.59
2009	61.32	57.60	58.50	57.35	68.01	62.14	63.87	57.78	62.15	61.90	58.58
2010	80.61	72.80	74.25	72.86	83.14	79.29	80.29	72.43	78.60	78.28	74.68
2011	114.05	89.92	102.57	101.21	116.43	108.83	118.45	100.14	108.01	107.84	98.64
2012	114.95	84.24	107.07	102.45	116.88	108.15	W	101.58	107.74	107.56	95.05
2013	110.81	84.41	103.00	99.06	112.87	102.60	111.23	99.34	102.53	102.98	91.99
2014	99.25	81.30	88.29	87.48	102.16	94.91	W	86.88	95.30	93.10	84.67
2015	51.73	41.99	49.53	45.51	54.70	49.78	W	42.87	49.43	47.44	44.09
2016	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	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	39.88	W	-	40.56	41.07	35.20
July	-	37.69	37.64	38.72	W	43.68	W	-	42.74	43.46	38.38
August	-	38.89	41.71	40.88	W	43.83	-	-	42.75	43.04	39.86
September	W	35.66	38.27	39.01	W	43.13	W	-	41.83	42.13	37.39
October	W	R35.73	38.29	R37.53	W	R44.98	W	-	R43.49	R42.11	R36.68
November	W	R36.98	R42.90	R39.82	W	W	R48.92	-	41.54	42.87	R38.55
December	W	41.44	45.79	45.58	W	W	W	-	47.15	50.20	43.14
2020	37.41	33.79	41.04	37.05	46.49	34.69	44.11	-	37.14	38.21	35.78

- = 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	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	36.10	34.82	W	W
July	32.43	33.99	34.95	37.81	40.39	W	-
August	34.78	34.94	35.24	38.88	39.53	-	W
September	30.98	34.16	32.19	39.60	39.25	-	-
October	31.30	33.30	34.56	R38.04	37.65	W	W
November	R32.37	R34.86	32.44	R40.07	R39.20	W	W
December	38.16	39.19	41.98	45.04	45.96	-	W
2020	29.64	31.34	35.77	37.33	35.22	40.93	W

- = No data reported.

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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	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	34.47	36.92	38.24	37.81	47.86	W
July	36.88	37.70	37.46	41.21	43.66	50.24	W
August	38.35	38.96	39.06	42.93	43.30	46.80	40.87
September	35.04	36.17	37.70	41.04	42.18	44.67	W
October	36.15	35.53	R38.15	R40.10	40.01	44.92	W
November	R37.28	R37.12	R39.59	R41.83	R42.86	53.59	W
December	42.18	41.42	44.76	47.01	48.61	55.87	W
2020	34.49	34.04	38.94	38.54	39.28	47.20	43.54

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R = Revised data.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 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	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	11.49	46.95	10.82	22.75	5.25	W	W
July	12.12	49.95	9.33	19.72	5.74	W	W
August	18.61	43.18	7.40	23.85	4.45	1.81	0.70
September	15.41	43.00	7.23	21.94	8.51	W	W
October	R12.56	R53.37	R9.27	R14.05	R7.33	W	W
November	R11.98	R54.98	R7.19	R19.35	R4.34	W	W
December	12.75	47.89	11.58	19.59	6.38	W	W
2020	12.94	47.90	9.01	22.14	5.46	1.23	1.32

- = 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	-	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	40.29	-	-
September	-	W	38.51	-	-
3rd quarter average	-	W	39.08	W	-
October	-	-	37.13	-	-
November	W	W	R39.29	-	-
December	W	W	45.49	-	-
4th quarter average	W	W	40.45	-	-
2020	W	W	36.68	W	-

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary

Notes: - Effective January 2009, selected crude streams were discontinued and new crude streams were added for publication. - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 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	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	40.63	-
September	-	-	31.18	37.70	-
3rd quarter average	-	-	34.69	39.41	-
October	W	-	W	37.05	-
November	W	-	33.92	39.97	W
December	W	-	40.18	44.89	W
4th quarter average	W	-	35.59	40.78	W
2020	W	-	30.27	35.88	W

See footnotes at end of table.

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

dollars per barrel

Year quarter month	Ecuadorian Oriente	Ecuadorian Napo	Iraqi Basrah Light	Mexican Mayan	Nigerian Bonny Light
2005	46.42	-	-	41.54	57.12
2006	56.75	-	-	52.04	69.29
2007	64.57	-	-	60.93	77.90
2008	87.25	-	-	84.29	108.46
2009	56.97	48.74	64.38	56.03	68.30
2010	75.48	72.97	77.96	70.87	84.10
2011	101.74	97.91	106.67	98.81	116.95
2012	105.50	101.53	106.93	100.29	117.70
2013	104.14	100.01	102.70	97.43	W
2014	91.65	93.11	96.95	86.49	W
2015	49.65	41.84	49.50	44.08	59.92
2016	40.68	37.46	39.90	36.79	W
2017	51.93	49.18	50.73	47.87	W
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	-	42.81	38.79	-
August	44.31	W	42.30	40.97	-
September	42.45	W	40.32	39.12	-
3rd quarter average	42.88	41.16	42.04	39.72	-
October	40.76	W	W	37.49	-
November	R42.83	W	41.13	R39.70	-
December	48.07	-	47.25	46.02	-
4th quarter average	43.92	39.81	43.01	40.81	-
2020	44.45	40.50	45.23	37.45	-

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	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	41.86	-	-
2nd quarter average	W	27.26	27.29	W	-
July	W	W	42.49	W	-
August	-	W	W	W	-
September	-	43.42	42.55	-	-
3rd quarter average	W	43.55	42.42	W	-
October	-	W	W	-	-
November	-	W	-	W	-
December	-	W	-	W	-
4th quarter average	-	W	W	W	-
2020	W	36.48	29.82	45.29	-

- = 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 to end users			Sales to end users			Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]	Sales for resale	Through retail outlets	Other end users[a]	Sales for resale	Through retail outlets	Other end users[a]	Sales for resale	Through retail outlets	Other end users[a]	
United States												
December 2020	1.728	1.462	1.350	2.116	1.518	NA	2.374	1.941	1.676	1.831	1.491	1.394
November 2020	1.630	1.451	1.240	2.049	1.457	1.441	2.302	1.843	1.567	1.738	1.477	1.287
December 2019	2.099	1.765	1.712	2.481	NA	1.922	2.731	NA	2.073	2.188	1.780	1.757
PAD District 1												
December 2020	1.611	1.371	1.326	1.894	W	1.521	2.122	-	1.625	1.699	1.370	1.366
November 2020	1.502	1.237	1.201	1.783	W	1.365	2.010	-	1.500	1.588	1.280	1.241
December 2019	1.951	W	1.689	2.222	W	1.860	2.445	W	2.015	2.024	W	1.729
Subdistrict 1A												
December 2020	W	W	1.362	W	-	1.521	W	-	1.613	W	W	1.399
November 2020	W	-	1.237	W	-	1.401	W	-	1.495	W	-	1.277
December 2019	W	W	1.729	W	-	1.937	W	-	2.013	W	W	1.769
Connecticut												
December 2020	-	W	1.362	-	-	1.472	-	-	1.611	-	W	1.404
November 2020	-	-	1.238	-	-	1.368	-	-	1.492	-	-	1.281
December 2019	-	W	1.724	-	-	1.855	-	-	2.025	-	W	1.771
Maine												
December 2020	-	-	1.389	-	-	W	-	-	W	-	-	1.409
November 2020	-	-	1.265	-	-	W	-	-	W	-	-	1.286
December 2019	-	-	1.793	-	-	W	-	-	2.129	-	-	1.818
Massachusetts												
December 2020	W	-	1.339	W	-	1.352	W	-	1.551	W	-	1.370
November 2020	W	-	1.212	W	-	1.222	W	-	1.435	W	-	1.247
December 2019	W	-	1.705	W	-	1.782	W	-	1.944	W	-	1.739
New Hampshire												
December 2020	W	-	W	W	-	-	W	-	W	W	-	W
November 2020	W	-	W	W	-	W	W	-	W	W	-	W
December 2019	W	-	W	W	-	-	W	-	W	W	-	W
Rhode Island												
December 2020	W	-	1.380	W	-	W	W	-	W	W	-	1.436
November 2020	W	-	1.251	W	-	W	W	-	W	W	-	1.308
December 2019	W	-	1.728	W	-	W	W	-	W	W	-	1.772
Vermont												
December 2020	-	-	W	-	-	-	-	-	1.585	-	-	W
November 2020	-	-	W	-	-	-	-	-	1.475	-	-	W
December 2019	-	-	1.739	-	-	W	-	-	2.071	-	-	W
Subdistrict 1B												
December 2020	1.682	-	1.318	1.933	-	NA	NA	-	1.541	1.769	-	1.350
November 2020	1.585	-	1.203	1.829	-	1.287	2.020	-	1.427	1.671	-	1.235
December 2019	2.014	-	1.698	2.272	-	1.828	2.475	-	1.992	2.092	-	1.737
Delaware												
December 2020	W	-	1.339	W	-	1.522	W	-	1.517	W	-	1.360
November 2020	W	-	1.214	W	-	1.406	W	-	1.389	W	-	1.235
December 2019	W	-	1.711	W	-	1.884	W	-	1.945	W	-	1.750
District of Columbia												
December 2020	-	-	-	-	-	-	-	-	-	-	-	-
November 2020	-	-	-	-	-	-	-	-	-	-	-	-
December 2019	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
December 2020	-	-	1.308	-	-	1.363	-	-	1.471	-	-	1.332
November 2020	-	-	1.173	-	-	1.225	-	-	1.331	-	-	1.196
December 2019	-	-	1.672	-	-	1.738	-	-	1.907	-	-	1.704
New Jersey												
December 2020	W	-	1.303	W	-	1.398	W	-	1.496	W	-	1.330
November 2020	W	-	1.188	W	-	1.263	W	-	1.379	W	-	1.217
December 2019	W	-	1.687	W	-	1.844	W	-	1.967	W	-	1.721
New York												
December 2020	1.729	-	1.359	1.968	-	NA	NA	-	1.638	1.815	-	1.413
November 2020	1.632	-	1.252	1.862	-	1.413	2.054	-	1.544	1.716	-	1.307
December 2019	2.088	-	1.745	2.333	-	2.057	2.530	-	2.071	2.164	-	1.802
Pennsylvania												
December 2020	W	-	1.304	W	-	1.435	W	-	1.506	W	-	1.324
November 2020	W	-	1.192	W	-	1.326	W	-	1.385	W	-	1.212
December 2019	W	-	1.685	W	-	1.858	W	-	1.976	W	-	1.711

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												
December 2020	W	1.373	1.327	W	W	1.514	W	-	1.681	W	1.371	1.372
November 2020	W	1.237	1.196	W	W	1.384	W	-	1.548	W	1.280	1.241
December 2019	W	W	1.678	W	W	1.863	W	W	2.031	W	W	1.720
Florida												
December 2020	W	W	1.352	W	-	1.521	W	-	1.690	W	W	1.399
November 2020	W	W	1.225	W	-	1.387	W	-	1.562	W	W	1.272
December 2019	W	1.715	1.699	W	-	1.879	W	NA	2.040	W	1.723	1.744
Georgia												
December 2020	W	W	1.318	W	-	1.502	W	-	1.742	W	W	1.371
November 2020	W	W	1.182	W	-	1.369	W	-	1.595	W	W	1.234
December 2019	W	W	1.661	W	-	1.827	W	-	2.055	W	W	1.705
North Carolina												
December 2020	W	-	1.310	W	-	1.551	W	-	1.667	W	-	1.355
November 2020	W	-	1.176	W	-	1.430	W	-	1.542	W	-	1.222
December 2019	W	W	1.662	W	-	1.882	W	W	2.024	W	W	1.704
South Carolina												
December 2020	W	-	1.315	W	W	1.521	W	-	1.694	W	W	1.356
November 2020	W	-	1.179	W	W	1.386	W	-	1.549	W	W	1.220
December 2019	W	W	1.673	W	W	1.902	W	W	2.069	W	W	1.710
Virginia												
December 2020	-	-	1.322	-	-	1.439	-	-	1.597	-	-	1.358
November 2020	-	-	1.191	-	-	1.306	-	-	1.462	-	-	1.227
December 2019	-	W	1.680	-	-	1.807	-	W	1.974	-	W	1.717
West Virginia												
December 2020	W	-	1.268	W	-	1.522	W	-	1.620	W	-	1.290
November 2020	W	-	1.168	W	-	1.436	W	-	1.585	W	-	1.191
December 2019	W	-	1.674	W	-	1.925	W	-	2.046	W	-	1.697
PAD District 2												
December 2020	W	1.404	1.258	W	W	1.395	W	1.572	1.520	W	1.415	1.283
November 2020	W	1.403	1.133	W	W	1.271	W	1.471	1.399	W	1.405	1.159
December 2019	W	1.771	1.635	W	W	1.788	W	W	1.986	W	1.786	1.666
Illinois												
December 2020	W	1.475	1.230	W	-	1.383	W	W	1.498	W	1.426	1.258
November 2020	W	1.416	1.119	W	-	1.256	W	W	1.397	W	1.368	1.149
December 2019	W	1.728	1.608	W	-	1.785	W	W	2.067	W	1.755	1.653
Indiana												
December 2020	W	W	1.228	W	-	1.393	W	-	1.539	W	W	1.251
November 2020	W	W	1.113	W	-	1.287	W	-	1.436	W	W	1.138
December 2019	W	W	1.621	W	-	1.836	W	-	2.057	W	W	1.651
Iowa												
December 2020	-	-	1.296	-	-	1.378	-	-	1.448	-	-	1.310
November 2020	-	W	1.130	-	-	1.228	-	-	1.292	-	W	1.146
December 2019	-	W	1.637	-	-	1.772	-	-	1.871	-	W	1.656
Kansas												
December 2020	W	W	1.273	W	W	1.379	-	-	1.418	W	W	1.291
November 2020	W	W	1.109	W	W	1.212	-	-	1.258	W	W	1.129
December 2019	W	W	1.602	W	W	1.736	-	-	1.825	W	W	1.623
Kentucky												
December 2020	W	W	1.313	W	-	1.449	W	-	1.634	W	W	1.335
November 2020	W	W	1.199	W	-	1.330	W	-	1.528	W	W	1.222
December 2019	W	W	1.688	W	-	1.876	W	W	2.091	W	W	1.713
Michigan												
December 2020	W	W	1.225	W	-	1.570	W	W	1.641	W	W	1.252
November 2020	W	W	1.129	W	-	1.502	W	W	1.552	W	W	1.159
December 2019	W	W	1.632	W	-	1.955	W	W	2.139	W	W	1.660
Minnesota												
December 2020	W	W	1.254	W	W	1.322	W	W	1.380	W	W	1.267
November 2020	W	W	1.108	W	W	1.192	W	W	1.265	W	W	1.126
December 2019	W	W	1.627	W	W	1.719	W	W	1.835	W	W	1.651
Missouri												
December 2020	-	W	1.304	-	-	1.351	-	-	1.517	-	W	1.323
November 2020	-	W	1.145	-	-	1.199	-	-	1.365	-	W	1.164
December 2019	-	W	1.644	-	-	1.741	-	-	1.973	-	W	1.668

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 to end users			Sales to end users			Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]	Sales for resale	Through retail outlets	Other end users[a]	Sales for resale	Through retail outlets	Other end users[a]	Sales for resale	Through retail outlets	Other end users[a]	
PAD District 2 (cont.)												
Nebraska												
December 2020	W	W	1.312	W	W	1.408	-	-	1.487	W	W	1.330
November 2020	W	W	1.142	W	W	1.258	-	-	1.326	W	W	1.162
December 2019	W	W	1.647	W	W	1.769	-	-	1.911	W	W	1.677
North Dakota												
December 2020	W	W	1.349	W	W	1.398	W	W	1.605	W	W	1.379
November 2020	W	W	1.200	W	W	1.279	W	W	1.428	W	W	1.227
December 2019	W	W	1.698	W	W	1.823	W	W	2.089	W	W	1.739
Ohio												
December 2020	W	W	1.229	W	-	1.451	W	W	1.565	W	W	1.253
November 2020	W	W	1.132	W	-	1.362	W	W	1.483	W	W	1.158
December 2019	W	W	1.672	W	-	1.940	W	W	2.148	W	W	1.703
Oklahoma												
December 2020	W	W	1.293	W	-	1.492	W	-	1.405	W	W	1.312
November 2020	W	W	1.121	W	-	1.299	W	-	1.255	W	W	1.145
December 2019	W	W	1.618	W	-	1.737	W	-	1.804	W	W	1.657
South Dakota												
December 2020	W	W	1.318	W	W	1.359	W	-	1.486	W	W	1.334
November 2020	W	W	1.176	W	W	1.250	W	W	1.360	W	W	1.196
December 2019	W	W	1.658	W	W	1.750	W	-	1.935	W	W	1.683
Tennessee												
December 2020	W	W	1.297	W	-	1.488	W	W	1.612	W	W	1.328
November 2020	W	W	1.173	W	-	1.373	W	W	1.489	W	W	1.204
December 2019	W	W	1.644	W	-	1.798	W	NA	1.977	W	W	1.674
Wisconsin												
December 2020	W	W	1.233	W	W	1.323	W	W	1.586	W	W	1.263
November 2020	W	W	1.103	W	W	1.200	W	W	1.475	W	W	1.136
December 2019	W	W	1.613	W	W	1.760	W	W	2.094	W	W	1.650
PAD District 3												
December 2020	W	1.355	1.315	W	W	1.454	W	NA	1.537	W	1.477	1.339
November 2020	1.549	1.318	1.177	1.842	W	1.315	2.114	1.942	1.357	1.622	1.475	1.200
December 2019	1.973	W	1.633	2.279	W	1.800	2.538	W	1.907	2.039	W	1.660
Alabama												
December 2020	W	W	1.316	W	-	1.466	W	W	1.742	W	W	1.356
November 2020	W	W	1.180	W	-	1.333	W	W	1.611	W	W	1.221
December 2019	W	W	1.650	W	-	1.824	W	W	2.071	W	W	1.686
Arkansas												
December 2020	-	-	1.315	-	-	1.478	-	-	1.584	-	-	1.339
November 2020	-	-	1.162	-	-	1.340	-	-	1.448	-	-	1.190
December 2019	-	-	1.635	-	-	1.829	-	-	1.952	-	-	1.661
Louisiana												
December 2020	-	W	1.283	-	-	1.432	-	W	1.548	-	W	1.307
November 2020	-	W	1.152	-	-	1.325	-	-	1.395	-	W	1.175
December 2019	-	W	1.611	-	-	1.802	-	-	1.898	-	W	1.636
Mississippi												
December 2020	-	-	1.322	-	-	1.446	-	-	1.649	-	-	1.355
November 2020	-	-	1.185	-	-	1.317	-	-	1.535	-	-	1.216
December 2019	-	-	1.649	-	-	1.835	-	-	2.040	-	-	1.676
New Mexico												
December 2020	W	W	1.388	W	-	1.459	W	W	1.713	W	W	1.435
November 2020	1.582	W	1.269	1.839	-	1.296	2.115	W	1.595	1.661	W	1.317
December 2019	W	W	1.712	W	-	1.893	2.585	W	2.054	W	W	1.755
Texas												
December 2020	W	W	1.318	W	W	1.452	W	W	1.492	W	W	1.339
November 2020	W	W	1.180	W	W	1.310	W	W	1.306	W	W	1.198
December 2019	1.911	W	1.631	2.219	W	1.781	2.497	-	1.874	1.972	W	1.657

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												
December 2020	1.712	1.625	1.320	1.975	W	1.528	2.267	W	1.642	1.836	1.696	1.387
November 2020	W	1.715	1.316	W	W	1.556	2.247	W	1.651	W	1.775	1.386
December 2019	W	1.994	1.641	W	W	1.847	2.775	W	1.982	W	2.042	1.706
Colorado												
December 2020	1.710	1.671	1.419	1.996	W	1.663	2.302	W	1.733	1.853	1.658	1.481
November 2020	1.681	1.656	1.301	W	W	1.548	W	-	1.627	1.829	1.646	1.367
December 2019	W	2.203	1.720	2.541	W	1.976	W	W	2.100	2.408	2.192	1.790
Idaho												
December 2020	W	W	1.255	W	W	1.570	W	W	1.580	W	W	1.314
November 2020	W	W	1.358	W	W	1.657	W	NA	1.682	W	W	1.416
December 2019	W	W	1.625	W	W	1.835	W	W	1.930	W	W	1.672
Montana												
December 2020	W	W	1.361	W	W	1.577	W	W	1.814	W	W	1.441
November 2020	W	W	1.360	W	W	1.518	W	W	1.798	W	W	1.442
December 2019	W	W	1.684	W	W	1.907	W	W	2.153	W	W	1.759
Utah												
December 2020	W	W	1.201	W	W	1.456	W	-	1.503	W	W	1.281
November 2020	W	W	1.291	W	W	1.565	W	-	1.606	W	W	1.373
December 2019	W	W	1.506	W	W	1.773	W	-	1.795	W	W	1.576
Wyoming												
December 2020	W	W	1.269	W	-	1.521	W	-	1.749	W	W	1.343
November 2020	W	W	1.329	W	-	1.503	W	-	1.754	W	W	1.402
December 2019	W	W	1.639	W	-	1.864	W	-	2.091	W	W	1.706
PAD District 5												
December 2020	2.300	1.612	1.634	2.547	1.970	1.863	2.725	2.099	1.940	2.409	NA	1.701
November 2020	2.316	1.587	1.588	2.563	1.898	1.798	2.729	1.948	1.886	2.425	NA	1.654
December 2019	2.672	2.030	2.008	2.908	2.562	2.248	3.072	NA	2.308	2.765	2.051	2.068
Alaska												
December 2020	W	W	W	W	-	W	W	W	1.841	W	W	W
November 2020	W	W	W	W	-	W	W	W	1.704	W	W	W
December 2019	W	W	W	W	-	W	W	W	2.247	W	W	W
Arizona												
December 2020	W	W	1.420	W	W	1.594	W	W	1.674	W	W	1.454
November 2020	W	W	1.360	W	W	1.662	W	W	1.630	W	W	1.398
December 2019	W	W	1.967	W	W	NA	W	W	2.297	W	W	2.009
California												
December 2020	2.390	W	1.797	2.599	W	1.950	2.759	-	2.044	2.494	W	1.860
November 2020	2.418	W	1.738	2.617	-	1.875	2.765	-	1.978	2.517	W	1.800
December 2019	2.779	W	2.136	2.968	-	2.316	3.111	-	2.389	2.864	W	2.193
Hawaii												
December 2020	W	W	W	W	W	W	W	W	W	W	W	W
November 2020	W	W	W	W	W	W	W	W	W	W	W	W
December 2019	W	W	W	W	W	W	W	W	W	W	W	W
Nevada												
December 2020	W	W	1.456	W	-	1.717	W	-	1.704	W	W	1.515
November 2020	W	W	1.448	W	-	1.726	W	-	1.694	W	W	1.509
December 2019	W	W	1.857	W	-	2.124	W	-	2.111	W	W	1.912
Oregon												
December 2020	NA	-	1.421	2.316	-	1.647	2.465	-	1.724	NA	-	1.462
November 2020	2.079	-	1.357	2.319	-	1.594	2.476	-	1.669	2.147	-	1.399
December 2019	2.500	-	1.740	2.712	-	1.942	2.839	-	2.025	2.552	-	1.774
Washington												
December 2020	NA	W	1.396	NA	W	1.643	NA	W	1.739	NA	W	1.460
November 2020	1.913	W	1.400	2.149	W	1.655	2.343	W	1.717	1.986	W	1.461
December 2019	2.295	W	1.726	2.540	W	1.988	2.729	W	2.071	2.358	W	1.784

- = 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 2020 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						
December 2020	2.674	2.289	1.395	1.353	W	1.585
November 2020	2.485	2.123	1.216	1.180	W	1.322
December 2019	W	2.734	1.979	1.932	W	2.087
PAD District 1						
December 2020	W	2.341	1.404	1.379	W	1.644
November 2020	2.289	2.175	1.204	1.177	W	1.366
December 2019	-	2.781	1.965	1.967	W	2.122
Subdistrict 1A						
December 2020	W	W	1.548	1.430	W	-
November 2020	W	W	1.277	W	W	-
December 2019	-	W	W	2.014	W	W
Connecticut						
December 2020	-	-	W	W	-	-
November 2020	-	-	W	W	-	-
December 2019	-	-	W	W	-	W
Maine						
December 2020	-	W	W	W	-	-
November 2020	-	W	W	W	-	-
December 2019	-	-	W	W	-	-
Massachusetts						
December 2020	W	-	1.781	W	W	-
November 2020	W	-	W	W	W	-
December 2019	-	-	W	2.012	W	-
New Hampshire						
December 2020	-	-	W	-	W	-
November 2020	-	-	W	-	W	-
December 2019	-	W	W	-	W	-
Rhode Island						
December 2020	-	-	W	W	W	-
November 2020	-	-	W	W	W	-
December 2019	-	-	W	W	W	-
Vermont						
December 2020	-	-	W	W	-	-
November 2020	-	-	W	W	-	-
December 2019	-	-	W	W	-	-
Subdistrict 1B						
December 2020	-	W	1.394	1.361	W	1.600
November 2020	-	W	1.188	1.161	W	1.317
December 2019	-	2.783	1.976	1.951	W	2.101
Delaware						
December 2020	-	-	-	-	W	-
November 2020	-	-	-	-	W	-
December 2019	-	-	-	W	W	W
District of Columbia						
December 2020	-	-	-	-	-	-
November 2020	-	-	-	-	-	-
December 2019	-	-	-	-	-	-
Maryland						
December 2020	-	-	W	1.336	-	W
November 2020	-	-	W	1.138	-	W
December 2019	-	-	W	W	-	W
New Jersey						
December 2020	-	-	1.403	1.359	W	W
November 2020	-	-	1.201	1.159	W	W
December 2019	-	-	1.976	1.950	W	W
New York						
December 2020	-	W	1.402	1.437	W	W
November 2020	-	W	1.193	1.235	W	W
December 2019	-	W	1.988	2.045	W	2.246
Pennsylvania						
December 2020	-	W	1.364	1.359	W	W
November 2020	-	W	1.145	1.156	2.732	W
December 2019	-	W	W	1.951	3.120	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						
December 2020	W	W	1.402	1.393	W	1.791
November 2020	W	2.125	1.211	1.188	W	1.732
December 2019	-	2.772	1.950	1.982	W	2.212
Florida						
December 2020	-	W	1.412	1.393	W	-
November 2020	W	W	1.226	1.191	W	-
December 2019	-	2.722	1.965	1.986	W	-
Georgia						
December 2020	W	W	W	1.394	-	W
November 2020	W	W	W	1.183	-	W
December 2019	-	W	W	1.938	-	2.144
North Carolina						
December 2020	-	-	W	1.395	W	1.801
November 2020	-	W	W	1.185	W	1.734
December 2019	-	W	W	1.964	W	2.261
South Carolina						
December 2020	-	-	W	1.376	W	W
November 2020	-	-	W	1.165	W	W
December 2019	-	-	W	1.932	W	W
Virginia						
December 2020	-	W	1.360	1.407	-	W
November 2020	-	W	1.154	1.175	-	W
December 2019	-	W	1.908	1.969	-	W
West Virginia						
December 2020	-	-	-	W	W	-
November 2020	-	-	-	W	W	-
December 2019	-	-	-	W	W	-
PAD District 2						
December 2020	W	W	1.384	1.386	W	2.163
November 2020	W	W	1.178	1.183	W	1.986
December 2019	W	2.811	1.939	1.942	W	2.432
Illinois						
December 2020	W	W	1.416	W	W	W
November 2020	W	W	1.201	W	W	W
December 2019	W	W	1.955	W	W	W
Indiana						
December 2020	-	-	1.359	1.362	W	2.264
November 2020	-	-	1.162	1.163	W	2.180
December 2019	-	-	1.919	1.930	W	2.880
Iowa						
December 2020	-	-	1.420	W	-	-
November 2020	-	-	1.299	W	-	-
December 2019	-	-	W	1.990	-	-
Kansas						
December 2020	W	W	W	W	-	W
November 2020	W	W	W	W	-	W
December 2019	W	W	W	W	-	W
Kentucky						
December 2020	W	W	W	1.357	W	W
November 2020	W	W	W	1.155	W	W
December 2019	W	W	W	1.931	W	W
Michigan						
December 2020	W	-	W	1.359	W	W
November 2020	-	-	W	1.134	W	W
December 2019	-	W	W	1.911	W	W
Minnesota						
December 2020	W	W	W	1.374	W	W
November 2020	W	W	W	1.188	W	W
December 2019	W	W	W	1.939	W	W
Missouri						
December 2020	W	-	W	W	-	W
November 2020	W	-	W	W	-	-
December 2019	W	W	W	W	-	-

See footnotes at end of table.

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

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
December 2020	W	-	W	W	-	-
November 2020	W	-	W	W	-	-
December 2019	W	-	W	W	-	-
North Dakota						
December 2020	-	-	W	W	W	W
November 2020	-	-	W	W	W	W
December 2019	-	-	W	W	NA	-
Ohio						
December 2020	W	-	1.402	1.366	W	W
November 2020	W	-	1.184	1.157	W	W
December 2019	W	W	1.967	1.909	W	W
Oklahoma						
December 2020	W	-	W	1.389	-	W
November 2020	W	-	W	W	-	W
December 2019	W	-	W	1.928	-	W
South Dakota						
December 2020	-	-	W	-	-	-
November 2020	-	-	W	-	-	-
December 2019	-	-	W	-	-	-
Tennessee						
December 2020	-	W	W	1.381	W	W
November 2020	-	W	W	1.167	W	W
December 2019	W	W	W	1.939	W	2.323
Wisconsin						
December 2020	-	-	W	W	W	W
November 2020	-	-	W	W	W	W
December 2019	-	-	W	1.966	W	W
PAD District 3						
December 2020	W	2.143	1.373	1.305	-	W
November 2020	W	1.952	1.171	1.110	-	W
December 2019	W	2.525	1.932	1.870	-	1.945
Alabama						
December 2020	-	W	1.375	1.373	-	W
November 2020	-	W	1.179	1.158	-	W
December 2019	-	W	1.943	1.913	-	W
Arkansas						
December 2020	-	-	W	1.455	-	-
November 2020	-	-	W	1.233	-	-
December 2019	W	-	W	2.005	-	W
Louisiana						
December 2020	W	W	1.296	1.290	-	W
November 2020	W	W	1.109	1.078	-	W
December 2019	-	2.511	1.885	1.844	-	W
Mississippi						
December 2020	-	-	1.321	1.308	-	W
November 2020	-	W	W	1.139	-	W
December 2019	-	W	1.880	1.852	-	W
New Mexico						
December 2020	W	-	W	W	-	-
November 2020	W	-	W	W	-	-
December 2019	W	-	W	W	-	-
Texas						
December 2020	W	2.157	1.390	1.310	-	W
November 2020	W	1.962	1.179	1.115	-	W
December 2019	-	2.526	1.954	1.883	-	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						
December 2020	W	W	1.543	1.490	-	-
November 2020	W	W	1.396	1.319	-	-
December 2019	W	W	2.112	2.041	-	-
Colorado						
December 2020	W	-	W	1.446	-	-
November 2020	W	-	W	1.241	-	-
December 2019	W	-	1.979	1.990	-	-
Idaho						
December 2020	-	-	W	1.661	-	-
November 2020	-	-	W	1.450	-	-
December 2019	-	-	W	2.259	-	-
Montana						
December 2020	-	W	W	W	-	-
November 2020	-	W	W	W	-	-
December 2019	W	W	W	W	-	-
Utah						
December 2020	-	W	1.583	1.588	-	-
November 2020	-	W	1.438	W	-	-
December 2019	-	W	2.213	2.204	-	-
Wyoming						
December 2020	-	-	1.501	W	-	-
November 2020	W	-	1.359	W	-	-
December 2019	-	-	W	W	-	-
PAD District 5						
December 2020	W	2.472	1.403	1.388	W	W
November 2020	W	2.328	1.261	1.276	W	W
December 2019	W	2.893	2.017	2.010	W	W
Alaska						
December 2020	W	-	W	W	-	-
November 2020	W	-	W	W	-	-
December 2019	W	-	W	W	-	-
Arizona						
December 2020	W	W	W	1.448	-	-
November 2020	W	W	W	1.319	-	-
December 2019	W	W	W	2.053	-	-
California						
December 2020	W	2.492	1.397	1.369	W	W
November 2020	W	2.362	1.279	1.260	W	W
December 2019	-	2.884	2.023	2.000	W	W
Hawaii						
December 2020	-	-	W	W	-	-
November 2020	-	-	W	W	-	-
December 2019	-	-	W	W	-	-
Nevada						
December 2020	-	-	W	W	-	-
November 2020	-	-	W	W	-	-
December 2019	-	-	W	W	-	-
Oregon						
December 2020	-	W	1.444	1.427	-	-
November 2020	-	W	1.321	W	-	-
December 2019	-	W	2.065	W	-	-
Washington						
December 2020	-	W	1.436	1.436	NA	-
November 2020	-	W	1.261	1.306	NA	-
December 2019	-	W	2.018	2.076	W	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 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						
December 2020	1.977	1.740	1.629	1.466	-	W
November 2020	1.769	1.647	1.485	1.306	-	W
December 2019	2.501	2.369	2.075	1.941	-	W
PAD District 1						
December 2020	-	1.619	1.651	1.442	-	-
November 2020	-	1.651	1.510	1.247	-	-
December 2019	W	2.336	2.113	1.979	-	-
Subdistrict 1A						
December 2020	-	-	W	1.448	-	-
November 2020	-	-	W	1.252	-	-
December 2019	-	-	W	2.027	-	-
Connecticut						
December 2020	-	-	W	1.435	-	-
November 2020	-	-	-	1.242	-	-
December 2019	-	-	W	2.022	-	-
Maine						
December 2020	-	-	-	1.523	-	-
November 2020	-	-	-	1.258	-	-
December 2019	-	-	-	2.111	-	-
Massachusetts						
December 2020	-	-	W	1.454	-	-
November 2020	-	-	W	1.249	-	-
December 2019	-	-	W	2.028	-	-
New Hampshire						
December 2020	-	-	W	W	-	-
November 2020	-	-	W	W	-	-
December 2019	-	-	W	W	-	-
Rhode Island						
December 2020	-	-	W	1.441	-	-
November 2020	-	-	W	1.253	-	-
December 2019	-	-	W	2.019	-	-
Vermont						
December 2020	-	-	-	W	-	-
November 2020	-	-	-	W	-	-
December 2019	-	-	-	W	-	-
Subdistrict 1B						
December 2020	-	1.616	W	1.427	-	-
November 2020	-	1.651	W	1.224	-	-
December 2019	W	2.334	W	1.968	-	-
Delaware						
December 2020	-	-	W	1.458	-	-
November 2020	-	-	W	1.245	-	-
December 2019	-	-	W	2.023	-	-
District of Columbia						
December 2020	-	-	-	W	-	-
November 2020	-	-	-	W	-	-
December 2019	-	-	-	W	-	-
Maryland						
December 2020	-	-	-	1.432	-	-
November 2020	-	-	W	1.252	-	-
December 2019	-	-	W	1.971	-	-
New Jersey						
December 2020	-	W	1.638	1.399	-	-
November 2020	-	-	1.480	1.185	-	-
December 2019	-	-	2.181	1.953	-	-
New York						
December 2020	-	W	2.075	1.476	-	-
November 2020	-	W	2.025	1.289	-	-
December 2019	-	W	2.456	2.031	-	-
Pennsylvania						
December 2020	-	W	1.581	1.449	-	-
November 2020	-	W	1.407	1.257	-	-
December 2019	W	W	2.071	1.977	-	-

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						
December 2020	-	W	1.587	1.457	-	-
November 2020	-	-	1.439	1.272	-	-
December 2019	-	W	2.056	1.980	-	-
Florida						
December 2020	-	-	1.590	1.490	-	-
November 2020	-	-	1.440	1.294	-	-
December 2019	-	-	2.090	1.997	-	-
Georgia						
December 2020	-	W	1.476	1.435	-	-
November 2020	-	-	1.297	1.259	-	-
December 2019	-	W	1.977	1.968	-	-
North Carolina						
December 2020	-	-	1.667	1.435	-	-
November 2020	-	-	1.491	1.259	-	-
December 2019	-	-	2.112	1.978	-	-
South Carolina						
December 2020	-	-	W	1.438	-	-
November 2020	-	-	W	1.260	-	-
December 2019	-	-	W	1.963	-	-
Virginia						
December 2020	-	-	W	1.452	-	-
November 2020	-	-	W	1.265	-	-
December 2019	-	-	1.962	1.970	-	-
West Virginia						
December 2020	-	-	1.495	1.481	-	-
November 2020	-	-	1.379	1.282	-	-
December 2019	-	-	W	1.985	-	-
PAD District 2						
December 2020	1.998	1.737	1.564	1.488	-	-
November 2020	1.854	1.600	1.392	1.308	-	-
December 2019	2.594	2.400	2.009	1.936	-	-
Illinois						
December 2020	W	1.780	1.590	1.457	-	-
November 2020	W	1.613	1.430	1.283	-	-
December 2019	W	2.413	2.019	1.877	-	-
Indiana						
December 2020	-	W	1.622	1.478	-	-
November 2020	-	W	1.441	1.323	-	-
December 2019	-	W	W	1.905	-	-
Iowa						
December 2020	-	1.685	W	1.545	-	-
November 2020	-	1.544	W	1.349	-	-
December 2019	-	2.337	1.993	1.967	-	-
Kansas						
December 2020	-	1.687	1.451	1.495	-	-
November 2020	W	1.559	1.248	1.296	-	-
December 2019	W	2.281	1.888	1.923	-	-
Kentucky						
December 2020	-	W	1.557	1.508	-	-
November 2020	W	W	1.411	1.324	-	-
December 2019	-	W	2.040	1.983	-	-
Michigan						
December 2020	W	2.101	1.754	1.479	-	-
November 2020	W	2.051	1.606	1.306	-	-
December 2019	W	2.792	2.201	1.952	-	-
Minnesota						
December 2020	W	1.735	1.637	1.573	-	-
November 2020	W	1.570	1.459	1.365	-	-
December 2019	W	2.419	2.087	2.010	-	-
Missouri						
December 2020	W	1.710	1.534	1.511	-	-
November 2020	W	1.567	1.380	1.307	-	-
December 2019	W	2.354	W	1.940	-	-

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						
December 2020	W	1.704	1.528	1.547	-	-
November 2020	W	1.576	1.334	1.348	-	-
December 2019	W	2.336	W	1.969	-	-
North Dakota						
December 2020	W	1.761	W	1.596	-	-
November 2020	W	1.670	W	1.420	-	-
December 2019	W	2.475	W	2.111	-	-
Ohio						
December 2020	-	W	1.589	1.466	-	-
November 2020	-	W	1.436	1.302	-	-
December 2019	-	W	2.045	1.967	-	-
Oklahoma						
December 2020	-	W	1.531	1.461	-	-
November 2020	-	W	1.343	1.263	-	-
December 2019	-	W	1.983	1.909	-	-
South Dakota						
December 2020	W	1.743	W	1.573	-	-
November 2020	W	1.587	W	1.386	-	-
December 2019	W	2.375	W	2.000	-	-
Tennessee						
December 2020	-	W	1.490	1.459	-	-
November 2020	-	W	1.311	1.279	-	-
December 2019	-	W	1.982	1.952	-	-
Wisconsin						
December 2020	W	1.715	1.782	1.516	-	-
November 2020	W	1.616	1.585	1.350	-	-
December 2019	W	2.374	2.193	1.943	-	-
PAD District 3						
December 2020	-	W	1.514	1.382	-	W
November 2020	-	-	1.328	1.216	-	W
December 2019	-	-	1.997	1.887	-	W
Alabama						
December 2020	-	-	1.475	1.429	-	-
November 2020	-	-	1.296	1.246	-	-
December 2019	-	-	2.003	1.936	-	-
Arkansas						
December 2020	-	-	W	1.487	-	-
November 2020	-	-	W	1.289	-	-
December 2019	-	-	W	1.939	-	-
Louisiana						
December 2020	-	W	W	1.337	-	-
November 2020	-	-	1.418	1.178	-	-
December 2019	-	-	W	1.852	-	-
Mississippi						
December 2020	-	-	1.553	1.409	-	-
November 2020	-	-	W	1.250	-	-
December 2019	-	-	2.048	1.914	-	-
New Mexico						
December 2020	-	-	1.698	1.530	-	-
November 2020	-	-	1.622	1.359	-	-
December 2019	-	-	2.228	2.072	-	-
Texas						
December 2020	-	-	1.498	1.385	-	W
November 2020	-	-	1.306	1.214	-	W
December 2019	-	-	1.968	1.891	-	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						
December 2020	2.178	1.902	1.595	1.559	-	-
November 2020	2.233	1.856	1.547	1.579	-	-
December 2019	2.718	2.397	2.062	1.954	-	-
Colorado						
December 2020	W	1.864	1.546	1.520	-	-
November 2020	W	1.790	1.464	1.413	-	-
December 2019	W	2.298	2.032	1.895	-	-
Idaho						
December 2020	W	1.991	1.967	1.563	-	-
November 2020	W	2.165	2.030	1.729	-	-
December 2019	W	2.410	2.046	1.843	-	-
Montana						
December 2020	W	1.856	1.580	1.637	-	-
November 2020	W	1.772	1.523	1.528	-	-
December 2019	W	2.421	W	2.058	-	-
Utah						
December 2020	W	2.112	1.621	1.548	-	-
November 2020	W	2.463	1.652	1.785	-	-
December 2019	W	2.470	2.241	1.880	-	-
Wyoming						
December 2020	-	1.882	1.555	1.584	-	-
November 2020	-	1.795	1.422	1.480	-	-
December 2019	W	2.495	2.006	2.162	-	-
PAD District 5						
December 2020	W	1.681	1.817	1.652	-	-
November 2020	W	1.694	1.674	1.551	-	-
December 2019	W	2.152	2.220	2.032	-	-
Alaska						
December 2020	W	W	W	W	-	-
November 2020	W	W	W	W	-	-
December 2019	W	W	W	W	-	-
Arizona						
December 2020	-	-	1.654	1.606	-	-
November 2020	-	-	1.475	1.443	-	-
December 2019	-	-	2.127	2.083	-	-
California						
December 2020	-	-	1.986	1.733	-	-
November 2020	-	-	1.806	1.586	-	-
December 2019	-	-	2.407	2.107	-	-
Hawaii						
December 2020	-	-	W	W	-	-
November 2020	-	-	W	W	-	-
December 2019	-	-	W	NA	-	-
Nevada						
December 2020	-	-	W	1.613	-	-
November 2020	-	-	W	1.484	-	-
December 2019	-	-	W	2.027	-	-
Oregon						
December 2020	-	W	1.640	1.510	-	-
November 2020	-	W	1.677	1.582	-	-
December 2019	-	W	W	1.911	-	-
Washington						
December 2020	W	W	1.620	1.477	-	-
November 2020	W	W	1.656	1.458	-	-
December 2019	W	W	1.971	1.870	-	-

- = 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 2020 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										
December 2020	15,052.4	15,175.5	11,983.3	203,933.2	5,736.6	1,348.5	1,358.4	137.8	1,143.1	-
November 2020	15,342.3	15,464.2	12,667.8	202,961.2	7,133.6	1,354.2	1,365.2	121.7	1,168.3	-
December 2019	19,091.9	19,428.1	16,217.2	227,851.3	13,187.7	1,542.9	1,551.4	153.8	1,412.7	-
PAD District 1										
December 2020	4,822.1	4,828.4	W	58,174.7	W	487.9	491.2	W	W	-
November 2020	4,952.7	4,959.8	W	58,142.3	W	489.3	492.8	-	407.5	-
December 2019	6,182.7	6,304.1	W	W	3,288.1	549.4	552.1	W	W	-
Subdistrict 1A										
December 2020	W	W	W	W	-	W	W	-	15.7	-
November 2020	W	W	W	W	-	W	W	-	14.5	-
December 2019	W	W	W	W	-	W	W	-	21.3	-
Connecticut										
December 2020	-	W	-	1,630.6	-	-	-	-	2.9	-
November 2020	-	-	-	1,623.6	-	-	-	-	3.0	-
December 2019	-	W	-	2,249.6	-	-	-	-	7.6	-
Maine										
December 2020	-	-	-	509.2	-	-	-	-	W	-
November 2020	-	-	-	508.2	-	-	-	-	W	-
December 2019	-	-	-	W	-	-	-	-	W	-
Massachusetts										
December 2020	W	W	-	993.8	-	W	W	-	4.5	-
November 2020	W	W	-	928.7	-	W	W	-	2.8	-
December 2019	W	W	-	1,124.6	-	W	W	-	3.4	-
New Hampshire										
December 2020	W	W	W	W	-	W	W	-	-	-
November 2020	W	W	W	W	-	W	W	-	W	-
December 2019	W	W	W	W	-	W	W	-	-	-
Rhode Island										
December 2020	W	W	-	634.4	-	W	W	-	W	-
November 2020	W	W	-	654.5	-	W	W	-	W	-
December 2019	W	W	-	827.2	-	W	W	-	W	-
Vermont										
December 2020	-	-	W	48.0	-	-	-	-	-	-
November 2020	-	-	W	43.2	-	-	-	-	-	-
December 2019	-	-	W	W	-	-	-	-	W	-
Subdistrict 1B										
December 2020	2,613.0	2,613.0	W	W	W	294.8	294.8	W	W	-
November 2020	2,708.0	2,708.0	W	W	W	301.5	301.5	-	81.1	-
December 2019	3,416.7	3,416.7	W	20,482.5	W	339.6	339.6	W	W	-
Delaware										
December 2020	W	W	-	764.3	-	W	W	-	5.4	-
November 2020	W	W	-	766.2	-	W	W	-	4.9	-
December 2019	W	W	-	1,011.2	-	W	W	-	6.7	-
District of Columbia										
December 2020	-	-	-	-	-	-	-	-	-	-
November 2020	-	-	-	-	-	-	-	-	-	-
December 2019	-	-	-	-	-	-	-	-	-	-
Maryland										
December 2020	-	-	-	2,870.5	-	-	-	-	28.8	-
November 2020	-	-	-	2,893.8	-	-	-	-	33.8	-
December 2019	-	-	-	3,582.8	-	-	-	-	36.8	-
New Jersey										
December 2020	W	W	NA	W	W	W	W	-	15.3	-
November 2020	W	W	W	5,674.1	W	W	W	-	18.6	-
December 2019	W	W	W	W	986.0	W	W	W	W	-
New York										
December 2020	1,705.4	1,705.4	W	W	-	194.6	194.6	W	W	-
November 2020	1,774.8	1,774.8	W	W	-	200.1	200.1	-	11.8	-
December 2019	2,206.6	2,206.6	W	W	-	223.4	223.4	W	W	-
Pennsylvania										
December 2020	W	W	-	W	W	W	W	-	10.8	-
November 2020	W	W	-	W	W	W	W	-	11.9	-
December 2019	W	W	-	W	W	W	W	-	12.8	-

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States										
December 2020	2,153.6	2,161.1	3,992.8	28,706.3	1,271.3	18,554.5	18,695.0	16,113.9	233,782.5	7,007.9
November 2020	2,196.2	2,205.4	4,211.2	29,471.3	2,313.5	18,892.7	19,034.8	17,000.6	233,600.8	9,447.1
December 2019	2,319.7	2,363.2	4,444.3	29,285.2	2,008.4	22,954.5	23,342.7	20,815.2	258,549.2	15,196.1
PAD District 1										
December 2020	776.8	776.8	W	W	W	6,086.7	6,096.4	W	W	2,817.7
November 2020	789.3	789.3	W	8,884.7	W	6,231.3	6,242.0	W	67,434.5	W
December 2019	806.9	831.1	W	9,103.3	W	7,539.0	7,687.3	W	75,814.4	W
Subdistrict 1A										
December 2020	W	W	W	W	-	W	W	W	W	-
November 2020	W	W	W	W	-	W	W	W	W	-
December 2019	W	W	W	W	-	W	W	W	W	-
Connecticut										
December 2020	-	-	-	327.9	-	-	W	-	1,961.5	-
November 2020	-	-	-	336.4	-	-	-	-	1,963.0	-
December 2019	-	-	-	413.7	-	-	W	-	2,670.9	-
Maine										
December 2020	-	-	-	W	-	-	-	-	558.4	-
November 2020	-	-	-	W	-	-	-	-	556.5	-
December 2019	-	-	-	W	-	-	-	-	671.3	-
Massachusetts										
December 2020	W	W	-	171.1	-	W	W	-	1,169.4	-
November 2020	W	W	-	172.1	-	W	W	-	1,103.6	-
December 2019	W	W	-	186.5	-	W	W	-	1,314.5	-
New Hampshire										
December 2020	W	W	W	W	-	W	W	W	W	-
November 2020	W	W	W	W	-	W	W	W	W	-
December 2019	W	W	W	W	-	W	W	W	W	-
Rhode Island										
December 2020	W	W	-	W	-	W	W	-	759.5	-
November 2020	W	W	-	W	-	W	W	-	787.6	-
December 2019	W	W	-	W	-	W	W	-	971.4	-
Vermont										
December 2020	-	-	W	W	-	-	-	W	W	-
November 2020	-	-	W	W	-	-	-	W	W	-
December 2019	-	-	W	W	-	-	-	W	W	-
Subdistrict 1B										
December 2020	NA	NA	W	W	W	3,404.8	3,404.8	W	20,549.5	W
November 2020	530.4	530.4	W	W	W	3,539.9	3,539.9	W	20,641.0	W
December 2019	530.5	530.5	W	3,012.6	W	4,286.8	4,286.8	W	W	3,346.5
Delaware										
December 2020	W	W	-	94.9	-	W	W	-	864.6	-
November 2020	W	W	-	101.0	-	W	W	-	872.1	-
December 2019	W	W	-	W	W	W	W	-	W	W
District of Columbia										
December 2020	-	-	-	-	-	-	-	-	-	-
November 2020	-	-	-	-	-	-	-	-	-	-
December 2019	-	-	-	-	-	-	-	-	-	-
Maryland										
December 2020	-	-	-	476.9	-	-	-	-	3,376.3	-
November 2020	-	-	-	486.4	-	-	-	-	3,414.0	-
December 2019	-	-	-	567.6	-	-	-	-	4,187.3	-
New Jersey										
December 2020	W	W	NA	W	W	W	W	NA	6,637.4	649.5
November 2020	W	W	W	996.5	W	W	W	W	6,689.2	W
December 2019	W	W	W	1,009.3	W	W	W	W	7,727.5	W
New York										
December 2020	NA	NA	W	833.4	W	2,235.0	2,235.0	W	W	W
November 2020	359.2	359.2	W	W	W	2,334.1	2,334.1	W	W	W
December 2019	350.9	350.9	W	W	-	2,780.9	2,780.9	W	W	-
Pennsylvania										
December 2020	W	W	-	W	W	W	W	-	W	W
November 2020	W	W	-	W	W	W	W	-	W	W
December 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										
December 2020	W	W	-	36,639.9	-	W	W	-	294.1	-
November 2020	W	W	-	36,691.3	-	W	W	-	312.0	-
December 2019	W	W	-	W	W	W	W	-	361.2	-
Florida										
December 2020	W	W	-	12,380.5	-	W	W	-	114.3	-
November 2020	W	W	-	12,121.5	-	W	W	-	112.8	-
December 2019	W	W	-	13,446.1	-	W	W	-	118.2	-
Georgia										
December 2020	W	W	-	7,122.9	-	W	W	-	30.5	-
November 2020	W	W	-	7,183.3	-	W	W	-	30.8	-
December 2019	W	W	-	7,932.1	-	W	W	-	41.8	-
North Carolina										
December 2020	W	W	-	7,504.2	-	W	W	-	75.0	-
November 2020	W	W	-	7,538.5	-	W	W	-	82.8	-
December 2019	W	W	-	8,502.1	-	W	W	-	103.0	-
South Carolina										
December 2020	W	W	-	3,603.7	-	W	W	-	23.3	-
November 2020	W	W	-	3,686.1	-	W	W	-	28.8	-
December 2019	W	W	-	4,112.1	-	W	W	-	28.0	-
Virginia										
December 2020	-	-	-	5,299.4	-	-	-	-	47.0	-
November 2020	-	-	-	5,362.4	-	-	-	-	51.0	-
December 2019	-	W	-	W	W	-	-	-	64.5	-
West Virginia										
December 2020	W	W	-	729.3	-	W	W	-	3.9	-
November 2020	W	W	-	799.5	-	W	W	-	5.7	-
December 2019	W	W	-	W	W	W	W	-	5.6	-
PAD District 2										
December 2020	W	W	W	68,681.7	W	W	W	-	324.4	-
November 2020	W	W	W	67,952.9	W	W	W	-	331.3	-
December 2019	W	W	-	76,056.7	363.2	W	W	-	414.8	-
Illinois										
December 2020	W	W	-	W	W	W	W	-	40.6	-
November 2020	W	W	-	W	W	W	W	-	41.1	-
December 2019	W	W	-	W	W	W	W	-	53.7	-
Indiana										
December 2020	W	W	-	5,224.4	-	W	W	-	11.4	-
November 2020	W	W	-	5,232.9	-	W	W	-	12.3	-
December 2019	W	W	-	W	W	W	W	-	15.3	-
Iowa										
December 2020	-	-	-	2,916.7	-	-	-	-	46.5	-
November 2020	-	W	-	2,816.9	-	-	-	-	44.5	-
December 2019	-	W	-	3,462.4	-	-	-	-	50.1	-
Kansas										
December 2020	W	W	-	3,725.4	-	W	W	-	W	-
November 2020	W	W	-	3,626.2	-	W	W	-	12.1	-
December 2019	W	W	-	W	W	W	W	-	14.6	-
Kentucky										
December 2020	W	W	-	3,257.3	-	W	W	-	15.3	-
November 2020	W	W	-	3,244.2	-	W	W	-	14.8	-
December 2019	W	W	-	3,762.1	-	W	W	-	17.1	-
Michigan										
December 2020	W	W	-	8,332.6	-	W	W	-	9.7	-
November 2020	W	W	-	8,411.2	-	W	W	-	11.1	-
December 2019	W	W	-	W	W	W	W	-	9.6	-
Minnesota										
December 2020	W	W	W	W	-	W	W	-	43.5	-
November 2020	W	W	W	W	-	W	W	-	44.4	-
December 2019	W	W	-	4,626.7	-	W	34.6	-	58.1	-
Missouri										
December 2020	-	W	-	2,854.6	-	-	-	-	15.0	-
November 2020	-	W	-	2,944.1	-	-	-	-	15.1	-
December 2019	-	W	-	3,246.4	-	-	-	-	14.0	-

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										
December 2020	W	W	-	W	W	W	W	-	W	W
November 2020	W	W	-	W	W	W	W	-	W	W
December 2019	W	W	-	W	W	W	W	-	W	W
Florida										
December 2020	W	W	-	1,958.7	-	W	W	-	14,453.4	-
November 2020	W	W	-	W	W	W	W	-	W	W
December 2019	W	W	-	W	W	W	W	-	W	W
Georgia										
December 2020	W	W	-	1,003.3	-	W	W	-	8,156.7	-
November 2020	W	W	-	1,045.6	-	W	W	-	8,238.7	-
December 2019	W	W	-	996.7	-	W	W	-	8,970.6	-
North Carolina										
December 2020	W	W	-	1,035.2	-	W	W	-	8,614.4	-
November 2020	W	W	-	1,045.2	-	W	W	-	8,666.6	-
December 2019	W	W	-	1,040.8	-	W	W	-	9,646.0	-
South Carolina										
December 2020	W	W	-	421.4	-	W	W	-	4,048.4	-
November 2020	W	W	-	438.2	-	W	W	-	4,153.1	-
December 2019	W	W	-	414.4	-	W	W	-	4,554.5	-
Virginia										
December 2020	-	-	-	767.8	-	-	-	-	6,114.2	-
November 2020	-	-	-	808.5	-	-	-	-	6,221.8	-
December 2019	-	W	-	853.9	-	-	W	-	W	W
West Virginia										
December 2020	W	W	-	W	W	W	W	-	W	W
November 2020	W	W	-	43.7	-	W	W	-	849.0	-
December 2019	W	W	-	W	W	W	W	-	W	W
PAD District 2										
December 2020	W	W	W	6,428.6	W	W	W	W	75,434.7	W
November 2020	W	W	W	6,661.9	W	W	W	W	74,946.1	W
December 2019	W	W	-	6,441.1	729.9	W	W	-	82,912.7	1,093.1
Illinois										
December 2020	W	W	-	1,120.0	-	W	W	-	W	W
November 2020	W	W	-	1,092.0	-	W	W	-	W	W
December 2019	W	W	-	1,142.7	-	W	W	-	W	W
Indiana										
December 2020	W	W	-	409.5	-	W	W	-	5,645.3	-
November 2020	W	W	-	441.8	-	W	W	-	5,687.0	-
December 2019	W	W	-	417.6	-	W	W	-	W	W
Iowa										
December 2020	-	-	-	288.4	-	-	-	-	3,251.6	-
November 2020	-	-	-	290.1	-	-	W	-	3,151.5	-
December 2019	-	-	-	276.0	-	-	W	-	3,788.5	-
Kansas										
December 2020	-	-	-	W	W	W	W	-	4,088.7	156.7
November 2020	-	-	-	W	W	W	W	-	W	W
December 2019	-	-	-	W	W	W	W	-	4,202.5	121.9
Kentucky										
December 2020	W	W	-	233.0	-	W	W	-	3,505.6	-
November 2020	W	W	-	241.6	-	W	W	-	3,500.6	-
December 2019	W	W	-	235.1	-	W	W	-	4,014.3	-
Michigan										
December 2020	W	W	-	572.8	-	W	W	-	8,915.1	-
November 2020	W	W	-	633.1	-	W	W	-	9,055.4	-
December 2019	W	W	-	569.2	-	W	W	-	W	W
Minnesota										
December 2020	W	W	W	W	W	W	W	W	4,522.3	W
November 2020	W	W	W	W	W	W	W	W	4,474.5	W
December 2019	W	W	-	W	W	W	W	-	W	W
Missouri										
December 2020	-	-	-	279.5	-	-	W	-	3,149.2	-
November 2020	-	-	-	288.4	-	-	W	-	3,247.6	-
December 2019	-	-	-	256.8	-	-	W	-	3,517.2	-

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)										
Nebraska										
December 2020	W	W	-	1,347.1	-	W	W	-	11.3	-
November 2020	W	W	-	1,310.7	-	W	W	-	12.2	-
December 2019	W	W	-	1,514.9	-	W	W	-	16.5	-
North Dakota										
December 2020	W	W	-	699.9	-	W	W	-	14.5	-
November 2020	W	W	-	692.7	-	W	W	-	12.8	-
December 2019	W	W	-	827.5	-	W	W	-	19.2	-
Ohio										
December 2020	W	W	-	8,872.5	-	W	W	-	17.4	-
November 2020	W	W	-	9,038.5	-	W	W	-	19.6	-
December 2019	W	W	-	9,870.2	-	W	W	-	22.5	-
Oklahoma										
December 2020	W	W	-	3,688.7	-	W	W	-	1.3	-
November 2020	W	W	-	W	W	W	W	-	1.5	-
December 2019	W	W	-	W	W	W	W	-	6.2	-
South Dakota										
December 2020	W	W	-	893.6	-	W	W	-	13.4	-
November 2020	W	W	-	796.2	-	W	W	-	11.8	-
December 2019	W	W	-	986.8	-	W	W	-	15.6	-
Tennessee										
December 2020	W	W	-	8,175.3	-	W	W	-	44.9	-
November 2020	W	W	-	8,151.4	-	W	W	-	47.6	-
December 2019	W	W	-	8,736.1	-	W	W	-	68.5	-
Wisconsin										
December 2020	W	W	-	4,998.4	-	W	W	-	W	-
November 2020	W	W	-	4,810.1	-	W	W	-	30.3	-
December 2019	W	W	-	5,169.9	-	W	W	-	34.0	-
PAD District 3										
December 2020	W	W	60.4	45,195.6	3,019.3	W	W	-	191.3	-
November 2020	672.4	683.6	63.9	44,974.6	4,218.2	66.0	66.2	-	186.8	-
December 2019	856.3	893.6	201.4	48,446.5	8,650.5	79.6	79.8	W	W	-
Alabama										
December 2020	W	W	-	4,563.1	-	W	W	-	20.4	-
November 2020	W	W	-	4,562.5	-	W	W	-	20.7	-
December 2019	W	W	-	4,926.1	-	W	W	-	27.8	-
Arkansas										
December 2020	-	-	-	2,801.6	-	-	-	-	11.3	-
November 2020	-	-	-	2,882.9	-	-	-	-	11.9	-
December 2019	-	-	-	3,004.1	-	-	-	-	12.8	-
Louisiana										
December 2020	-	W	-	5,340.8	1,732.8	-	-	-	9.4	-
November 2020	-	W	-	W	W	-	-	-	9.0	-
December 2019	-	W	-	W	W	-	-	-	10.1	-
Mississippi										
December 2020	-	-	-	W	W	-	-	-	14.6	-
November 2020	-	-	-	W	W	-	-	-	16.3	-
December 2019	-	-	-	2,662.8	473.9	-	-	-	16.7	-
New Mexico										
December 2020	W	W	W	W	-	W	W	-	5.7	-
November 2020	284.1	287.4	W	W	-	38.0	38.0	-	6.9	-
December 2019	W	379.0	W	W	-	W	W	W	W	-
Texas										
December 2020	W	W	W	28,812.9	W	W	W	-	129.9	-
November 2020	W	W	W	28,726.0	W	W	W	-	121.9	-
December 2019	474.9	475.6	W	30,989.9	W	34.3	34.5	-	126.7	-

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)										
Nebraska										
December 2020	-	-	-	153.9	-	W	W	-	1,512.3	-
November 2020	-	-	-	156.1	-	W	W	-	1,479.0	-
December 2019	-	-	-	150.2	-	W	W	-	1,681.5	-
North Dakota										
December 2020	W	W	-	93.5	-	W	W	-	807.9	-
November 2020	W	W	-	91.1	-	W	W	-	796.7	-
December 2019	W	W	-	90.4	-	W	W	-	937.0	-
Ohio										
December 2020	W	W	-	W	W	W	W	-	W	W
November 2020	W	W	-	733.2	-	W	W	-	9,791.3	-
December 2019	W	W	-	680.1	-	W	W	-	10,572.7	-
Oklahoma										
December 2020	W	W	-	426.8	304.8	W	W	-	4,116.8	304.8
November 2020	W	W	-	W	W	W	W	-	4,238.0	408.1
December 2019	W	W	-	W	W	W	W	-	4,259.3	676.1
South Dakota										
December 2020	W	W	-	95.7	-	W	W	-	1,002.8	-
November 2020	W	W	-	94.6	-	W	W	-	902.6	-
December 2019	W	W	-	95.1	-	W	W	-	1,097.5	-
Tennessee										
December 2020	W	W	-	869.1	-	W	W	-	9,089.3	-
November 2020	W	W	-	878.9	-	W	W	-	9,077.9	-
December 2019	W	W	-	837.4	-	W	W	-	9,642.0	-
Wisconsin										
December 2020	W	W	-	W	-	W	W	-	5,489.5	-
November 2020	W	W	-	462.9	-	W	W	-	5,303.3	-
December 2019	W	W	-	422.9	-	W	W	-	5,626.8	-
PAD District 3										
December 2020	W	72.8	12.8	5,608.7	351.9	W	811.8	73.3	50,995.6	3,371.2
November 2020	69.8	73.6	13.1	5,745.0	1,310.8	808.1	823.4	77.0	50,906.4	5,529.0
December 2019	75.7	84.9	W	W	600.3	1,011.6	1,058.3	233.9	54,181.1	9,250.8
Alabama										
December 2020	W	NA	-	462.6	-	W	W	-	5,046.1	-
November 2020	W	4.5	-	471.8	-	W	W	-	5,055.0	-
December 2019	W	W	-	449.1	-	W	W	-	5,403.0	-
Arkansas										
December 2020	-	-	-	275.8	-	-	-	-	3,088.7	-
November 2020	-	-	-	296.7	-	-	-	-	3,191.5	-
December 2019	-	-	-	260.2	-	-	-	-	3,277.1	-
Louisiana										
December 2020	-	W	-	W	W	-	W	-	W	W
November 2020	-	-	-	W	W	-	W	-	W	W
December 2019	-	-	-	W	W	-	W	-	6,142.2	4,160.5
Mississippi										
December 2020	-	-	-	W	W	-	-	-	W	W
November 2020	-	-	-	253.2	-	-	-	-	W	W
December 2019	-	-	-	225.9	-	-	-	-	2,905.5	473.9
New Mexico										
December 2020	W	W	W	W	-	W	W	W	W	-
November 2020	35.1	35.7	W	W	-	357.3	361.1	W	W	-
December 2019	W	W	W	W	-	W	461.4	W	W	-
Texas										
December 2020	W	W	W	3,807.7	W	W	W	W	32,750.5	W
November 2020	W	33.4	W	3,916.4	W	W	W	W	32,764.3	W
December 2019	38.7	38.7	W	W	W	547.9	548.8	W	W	4,616.4

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	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										
December 2020	260.7	271.3	W	W	-	56.1	57.5	-	94.7	-
November 2020	W	W	W	W	-	W	W	-	82.5	-
December 2019	W	W	W	W	-	W	W	-	115.8	-
Colorado										
December 2020	134.8	138.8	W	W	-	36.3	36.6	-	23.7	-
November 2020	124.4	128.1	W	W	-	W	W	-	21.3	-
December 2019	W	144.2	W	W	-	40.1	40.7	-	29.8	-
Idaho										
December 2020	W	W	-	1,297.9	-	W	W	-	4.7	-
November 2020	W	W	-	1,251.3	-	W	W	-	3.2	-
December 2019	W	W	-	1,295.8	-	W	W	-	7.0	-
Montana										
December 2020	W	W	-	1,037.2	-	W	W	-	5.5	-
November 2020	W	W	-	1,048.9	-	W	W	-	6.4	-
December 2019	W	W	-	1,082.6	-	W	W	-	7.3	-
Utah										
December 2020	W	W	W	W	-	W	W	-	50.4	-
November 2020	W	W	W	W	-	W	10.2	-	45.0	-
December 2019	W	W	W	W	-	W	13.0	-	59.3	-
Wyoming										
December 2020	W	7.1	-	682.9	-	W	W	-	10.5	-
November 2020	W	6.6	-	551.3	-	W	W	-	6.5	-
December 2019	W	8.1	-	782.8	-	W	W	-	12.4	-
PAD District 5										
December 2020	3,060.0	3,086.6	10,947.0	W	W	467.4	468.0	W	W	-
November 2020	3,043.0	3,070.7	11,606.9	W	W	472.7	473.1	121.7	160.2	-
December 2019	4,069.8	4,122.7	14,732.2	27,147.7	885.9	551.9	552.4	W	W	-
Alaska										
December 2020	W	W	W	356.4	-	W	W	W	W	-
November 2020	W	W	W	355.0	-	W	W	W	W	-
December 2019	W	W	W	370.7	W	W	W	W	W	-
Arizona										
December 2020	W	W	529.5	3,846.6	-	W	W	W	W	-
November 2020	W	W	669.9	3,869.3	-	W	W	W	W	-
December 2019	W	W	1,372.3	3,942.4	-	W	W	W	W	-
California										
December 2020	2,302.2	2,302.8	8,439.2	10,589.3	-	413.8	413.9	W	W	-
November 2020	2,289.4	2,289.9	8,920.3	11,205.3	-	419.0	419.0	W	W	-
December 2019	2,938.2	2,939.1	W	13,381.3	W	475.8	475.8	W	W	-
Hawaii										
December 2020	W	W	W	W	W	W	W	W	W	-
November 2020	W	W	W	W	W	W	W	W	W	-
December 2019	W	W	W	W	W	W	W	W	W	-
Nevada										
December 2020	W	W	W	W	-	W	W	W	W	-
November 2020	W	17.3	W	W	-	W	W	W	W	-
December 2019	W	W	W	W	-	W	W	W	W	-
Oregon										
December 2020	NA	NA	538.2	2,622.8	-	4.6	4.6	2.3	4.5	-
November 2020	63.3	63.3	540.8	2,625.3	-	4.5	4.5	2.3	4.2	-
December 2019	87.5	87.5	665.6	3,034.6	-	5.6	5.6	2.6	5.7	-
Washington										
December 2020	NA	NA	682.1	4,058.6	-	NA	NA	6.0	18.4	-
November 2020	241.6	245.1	690.3	3,898.4	-	25.5	25.7	W	W	-
December 2019	348.0	351.4	885.7	4,813.2	-	29.1	29.3	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										
December 2020	56.6	W	W	W	-	373.5	W	W	W	-
November 2020	W	W	W	W	-	W	W	W	W	-
December 2019	W	W	W	W	W	W	W	W	12,354.7	W
Colorado										
December 2020	31.6	31.7	W	W	-	202.7	207.0	W	W	-
November 2020	W	W	W	W	-	187.8	191.8	W	W	-
December 2019	W	30.9	W	924.0	W	211.4	215.8	W	W	W
Idaho										
December 2020	W	W	-	285.6	-	W	W	-	1,588.1	-
November 2020	W	W	-	266.2	-	W	W	-	1,520.8	-
December 2019	W	W	-	233.4	-	W	W	-	1,536.1	-
Montana										
December 2020	W	W	-	220.2	-	W	W	-	1,262.8	-
November 2020	W	W	-	239.6	-	W	W	-	1,294.9	-
December 2019	W	W	-	204.1	-	W	W	-	1,294.0	-
Utah										
December 2020	W	W	W	W	-	W	W	W	W	-
November 2020	W	W	W	W	-	W	60.3	W	W	-
December 2019	W	W	W	W	-	W	W	W	W	-
Wyoming										
December 2020	W	W	-	119.2	-	W	9.1	-	812.6	-
November 2020	W	W	-	112.1	-	W	8.5	-	669.9	-
December 2019	W	W	-	132.4	-	W	10.2	-	927.6	-
PAD District 5										
December 2020	857.7	859.4	W	5,654.5	W	4,385.2	4,414.1	W	28,658.6	W
November 2020	866.4	868.1	3,866.1	W	W	4,382.1	4,412.0	15,594.6	W	W
December 2019	967.7	972.9	4,055.7	W	W	5,589.4	5,648.1	W	33,286.4	W
Alaska										
December 2020	W	W	W	35.9	-	W	W	W	W	-
November 2020	W	W	W	W	-	W	W	W	407.2	-
December 2019	W	W	W	29.5	-	W	W	W	W	W
Arizona										
December 2020	W	W	W	W	-	W	W	632.5	4,431.2	-
November 2020	W	W	W	W	-	W	W	794.3	4,475.5	-
December 2019	W	W	W	W	-	W	W	1,519.0	4,568.5	-
California										
December 2020	735.7	735.7	3,018.9	W	W	3,451.7	3,452.5	W	14,073.1	W
November 2020	748.1	748.1	3,188.3	W	W	3,456.4	3,457.0	W	14,963.5	W
December 2019	819.2	819.2	3,299.5	W	W	4,233.2	4,234.1	W	17,117.1	W
Hawaii										
December 2020	W	W	W	W	W	W	W	W	W	W
November 2020	W	W	W	W	W	W	W	W	W	W
December 2019	W	W	W	W	W	W	W	W	W	W
Nevada										
December 2020	W	W	W	W	-	W	W	W	W	-
November 2020	W	W	W	W	-	W	23.3	W	W	-
December 2019	W	W	W	W	-	W	W	W	W	-
Oregon										
December 2020	11.2	11.2	106.7	376.3	-	NA	NA	647.2	3,003.6	-
November 2020	10.7	10.7	105.9	383.3	-	78.5	78.5	649.0	3,012.9	-
December 2019	12.7	12.7	117.3	383.2	-	105.8	105.8	785.5	3,423.5	-
Washington										
December 2020	NA	NA	179.7	882.8	22.4	NA	NA	867.8	4,959.7	22.4
November 2020	37.8	38.0	180.0	W	W	304.9	308.8	W	4,797.8	W
December 2019	44.6	44.8	209.3	W	W	421.7	425.5	W	5,754.3	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 2020 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					
December 2020	11,505.5	11,628.4	W	169,169.9	W
November 2020	11,730.4	11,855.1	3,160.3	168,714.2	6,757.7
December 2019	14,158.9	14,474.4	4,025.6	183,641.9	13,295.4
PAD District 1					
December 2020	W	W	W	45,107.3	W
November 2020	W	W	W	45,231.4	W
December 2019	W	W	W	48,989.9	W
Subdistrict 1A					
December 2020	-	-	W	W	-
November 2020	-	-	W	W	-
December 2019	-	-	W	W	-
Connecticut					
December 2020	-	-	-	-	-
November 2020	-	-	-	-	-
December 2019	-	-	-	-	-
Maine					
December 2020	-	-	-	W	-
November 2020	-	-	-	W	-
December 2019	-	-	-	W	-
Massachusetts					
December 2020	-	-	-	-	-
November 2020	-	-	-	-	-
December 2019	-	-	-	-	-
New Hampshire					
December 2020	-	-	W	-	-
November 2020	-	-	W	-	-
December 2019	-	-	W	-	-
Rhode Island					
December 2020	-	-	-	-	-
November 2020	-	-	-	-	-
December 2019	-	-	-	-	-
Vermont					
December 2020	-	-	W	W	-
November 2020	-	-	W	W	-
December 2019	-	-	W	W	-
Subdistrict 1B					
December 2020	W	W	W	W	2,087.0
November 2020	W	W	W	6,045.0	W
December 2019	W	W	W	W	W
Delaware					
December 2020	-	-	-	-	-
November 2020	-	-	-	-	-
December 2019	-	-	-	-	-
District of Columbia					
December 2020	-	-	-	-	-
November 2020	-	-	-	-	-
December 2019	-	-	-	-	-
Maryland					
December 2020	-	-	-	W	-
November 2020	-	-	-	W	-
December 2019	-	-	-	386.0	-
New Jersey					
December 2020	-	-	-	-	W
November 2020	-	-	-	-	W
December 2019	-	-	-	-	652.1
New York					
December 2020	W	W	W	W	W
November 2020	W	W	W	W	W
December 2019	W	W	W	W	-
Pennsylvania					
December 2020	W	W	-	W	W
November 2020	W	W	-	W	W
December 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					
December 2020	7,048.9	7,066.6	W	64,612.6	W
November 2020	7,162.4	7,179.7	13,840.3	64,886.6	2,689.4
December 2019	8,795.6	8,868.3	16,789.6	74,907.4	1,900.7
PAD District 1					
December 2020	W	W	W	W	W
November 2020	W	W	W	22,203.0	W
December 2019	W	W	W	26,824.5	W
Subdistrict 1A					
December 2020	W	W	-	4,202.3	-
November 2020	W	W	-	4,161.1	-
December 2019	W	W	-	5,308.6	-
Connecticut					
December 2020	-	W	-	1,961.5	-
November 2020	-	-	-	1,963.0	-
December 2019	-	W	-	2,670.9	-
Maine					
December 2020	-	-	-	W	-
November 2020	-	-	-	W	-
December 2019	-	-	-	W	-
Massachusetts					
December 2020	W	W	-	1,169.4	-
November 2020	W	W	-	1,103.6	-
December 2019	W	W	-	1,314.5	-
New Hampshire					
December 2020	W	W	-	W	-
November 2020	W	W	-	W	-
December 2019	W	W	-	W	-
Rhode Island					
December 2020	W	W	-	759.5	-
November 2020	W	W	-	W	-
December 2019	W	W	-	W	-
Vermont					
December 2020	-	-	-	-	-
November 2020	-	-	-	-	-
December 2019	-	-	-	-	-
Subdistrict 1B					
December 2020	W	W	W	W	W
November 2020	W	W	W	14,596.0	W
December 2019	W	W	W	17,476.5	W
Delaware					
December 2020	W	W	-	864.6	-
November 2020	W	W	-	872.1	-
December 2019	W	W	-	W	W
District of Columbia					
December 2020	-	-	-	-	-
November 2020	-	-	-	-	-
December 2019	-	-	-	-	-
Maryland					
December 2020	-	-	-	W	-
November 2020	-	-	-	W	-
December 2019	-	-	-	3,801.3	-
New Jersey					
December 2020	W	W	NA	6,637.4	W
November 2020	W	W	W	6,689.2	W
December 2019	W	W	W	7,727.5	W
New York					
December 2020	W	W	W	W	-
November 2020	W	W	W	W	-
December 2019	W	W	W	W	-
Pennsylvania					
December 2020	W	W	-	W	W
November 2020	W	W	-	W	W
December 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					
December 2020	18,554.5	18,695.0	16,113.9	233,782.5	7,007.9
November 2020	18,892.7	19,034.8	17,000.6	233,600.8	9,447.1
December 2019	22,954.5	23,342.7	20,815.2	258,549.2	15,196.1
PAD District 1					
December 2020	6,086.7	6,096.4	W	W	2,817.7
November 2020	6,231.3	6,242.0	W	67,434.5	W
December 2019	7,539.0	7,687.3	W	75,814.4	W
Subdistrict 1A					
December 2020	W	W	W	W	-
November 2020	W	W	W	W	-
December 2019	W	W	W	W	-
Connecticut					
December 2020	-	W	-	1,961.5	-
November 2020	-	-	-	1,963.0	-
December 2019	-	W	-	2,670.9	-
Maine					
December 2020	-	-	-	558.4	-
November 2020	-	-	-	556.5	-
December 2019	-	-	-	671.3	-
Massachusetts					
December 2020	W	W	-	1,169.4	-
November 2020	W	W	-	1,103.6	-
December 2019	W	W	-	1,314.5	-
New Hampshire					
December 2020	W	W	W	W	-
November 2020	W	W	W	W	-
December 2019	W	W	W	W	-
Rhode Island					
December 2020	W	W	-	759.5	-
November 2020	W	W	-	787.6	-
December 2019	W	W	-	971.4	-
Vermont					
December 2020	-	-	W	W	-
November 2020	-	-	W	W	-
December 2019	-	-	W	W	-
Subdistrict 1B					
December 2020	3,404.8	3,404.8	W	20,549.5	W
November 2020	3,539.9	3,539.9	W	20,641.0	W
December 2019	4,286.8	4,286.8	W	W	3,346.5
Delaware					
December 2020	W	W	-	864.6	-
November 2020	W	W	-	872.1	-
December 2019	W	W	-	W	W
District of Columbia					
December 2020	-	-	-	-	-
November 2020	-	-	-	-	-
December 2019	-	-	-	-	-
Maryland					
December 2020	-	-	-	3,376.3	-
November 2020	-	-	-	3,414.0	-
December 2019	-	-	-	4,187.3	-
New Jersey					
December 2020	W	W	NA	6,637.4	649.5
November 2020	W	W	W	6,689.2	W
December 2019	W	W	W	7,727.5	W
New York					
December 2020	2,235.0	2,235.0	W	W	W
November 2020	2,334.1	2,334.1	W	W	W
December 2019	2,780.9	2,780.9	W	W	-
Pennsylvania					
December 2020	W	W	-	W	W
November 2020	W	W	-	W	W
December 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					
December 2020	W	W	-	W	W
November 2020	W	W	-	W	W
December 2019	W	W	-	W	W
Florida					
December 2020	W	W	-	14,453.4	-
November 2020	W	W	-	W	W
December 2019	W	W	-	W	W
Georgia					
December 2020	W	W	-	8,156.7	-
November 2020	W	W	-	8,238.7	-
December 2019	W	W	-	8,970.6	-
North Carolina					
December 2020	W	W	-	8,614.4	-
November 2020	W	W	-	8,666.6	-
December 2019	W	W	-	9,646.0	-
South Carolina					
December 2020	W	W	-	4,048.4	-
November 2020	W	W	-	4,153.1	-
December 2019	W	W	-	4,554.5	-
Virginia					
December 2020	-	-	-	2,709.0	-
November 2020	-	-	-	2,775.9	-
December 2019	-	-	-	W	W
West Virginia					
December 2020	W	W	-	W	W
November 2020	W	W	-	849.0	-
December 2019	W	W	-	W	W
PAD District 2					
December 2020	W	W	W	W	W
November 2020	W	W	W	W	W
December 2019	W	W	-	W	W
Illinois					
December 2020	W	W	-	3,591.2	-
November 2020	W	W	-	3,468.1	-
December 2019	W	W	-	W	W
Indiana					
December 2020	W	W	-	4,752.4	-
November 2020	W	W	-	4,811.0	-
December 2019	W	W	-	W	W
Iowa					
December 2020	-	-	-	3,251.6	-
November 2020	-	W	-	3,151.5	-
December 2019	-	W	-	3,788.5	-
Kansas					
December 2020	W	W	-	4,088.7	156.7
November 2020	W	W	-	W	W
December 2019	W	W	-	4,202.5	121.9
Kentucky					
December 2020	W	W	-	2,792.7	-
November 2020	W	W	-	2,809.9	-
December 2019	W	W	-	3,211.8	-
Michigan					
December 2020	W	W	-	8,915.1	-
November 2020	W	W	-	9,055.4	-
December 2019	W	W	-	W	W
Minnesota					
December 2020	W	W	W	4,522.3	W
November 2020	W	W	W	4,474.5	W
December 2019	W	W	-	W	W
Missouri					
December 2020	-	W	-	2,685.2	-
November 2020	-	W	-	2,816.3	-
December 2019	-	W	-	2,907.6	-

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C					
December 2020	-	-	-	3,405.2	-
November 2020	-	-	-	3,445.9	-
December 2019	-	W	-	4,039.3	-
Florida					
December 2020	-	-	-	-	-
November 2020	-	-	-	-	-
December 2019	-	-	-	-	-
Georgia					
December 2020	-	-	-	-	-
November 2020	-	-	-	-	-
December 2019	-	-	-	-	-
North Carolina					
December 2020	-	-	-	-	-
November 2020	-	-	-	-	-
December 2019	-	-	-	-	-
South Carolina					
December 2020	-	-	-	-	-
November 2020	-	-	-	-	-
December 2019	-	-	-	-	-
Virginia					
December 2020	-	-	-	3,405.2	-
November 2020	-	-	-	3,445.9	-
December 2019	-	W	-	4,039.3	-
West Virginia					
December 2020	-	-	-	-	-
November 2020	-	-	-	-	-
December 2019	-	-	-	-	-
PAD District 2					
December 2020	W	W	-	W	W
November 2020	W	W	-	W	W
December 2019	W	W	-	W	W
Illinois					
December 2020	W	W	-	W	W
November 2020	W	W	-	W	W
December 2019	W	W	-	W	W
Indiana					
December 2020	W	W	-	892.8	-
November 2020	W	W	-	875.9	-
December 2019	W	W	-	1,001.9	-
Iowa					
December 2020	-	-	-	-	-
November 2020	-	-	-	-	-
December 2019	-	-	-	-	-
Kansas					
December 2020	-	-	-	-	-
November 2020	-	-	-	-	-
December 2019	-	-	-	-	-
Kentucky					
December 2020	W	W	-	712.8	-
November 2020	W	W	-	690.7	-
December 2019	W	186.8	-	802.4	-
Michigan					
December 2020	-	-	-	-	-
November 2020	-	-	-	-	-
December 2019	-	-	-	-	-
Minnesota					
December 2020	-	-	-	-	-
November 2020	-	-	-	-	-
December 2019	-	-	-	-	-
Missouri					
December 2020	-	-	-	464.0	-
November 2020	-	-	-	431.2	-
December 2019	-	-	-	609.6	-

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C					
December 2020	W	W	-	W	W
November 2020	W	W	-	W	W
December 2019	W	W	-	W	W
Florida					
December 2020	W	W	-	14,453.4	-
November 2020	W	W	-	W	W
December 2019	W	W	-	W	W
Georgia					
December 2020	W	W	-	8,156.7	-
November 2020	W	W	-	8,238.7	-
December 2019	W	W	-	8,970.6	-
North Carolina					
December 2020	W	W	-	8,614.4	-
November 2020	W	W	-	8,666.6	-
December 2019	W	W	-	9,646.0	-
South Carolina					
December 2020	W	W	-	4,048.4	-
November 2020	W	W	-	4,153.1	-
December 2019	W	W	-	4,554.5	-
Virginia					
December 2020	-	-	-	6,114.2	-
November 2020	-	-	-	6,221.8	-
December 2019	-	W	-	W	W
West Virginia					
December 2020	W	W	-	W	W
November 2020	W	W	-	849.0	-
December 2019	W	W	-	W	W
PAD District 2					
December 2020	W	W	W	75,434.7	W
November 2020	W	W	W	74,946.1	W
December 2019	W	W	-	82,912.7	1,093.1
Illinois					
December 2020	W	W	-	W	W
November 2020	W	W	-	W	W
December 2019	W	W	-	W	W
Indiana					
December 2020	W	W	-	5,645.3	-
November 2020	W	W	-	5,687.0	-
December 2019	W	W	-	W	W
Iowa					
December 2020	-	-	-	3,251.6	-
November 2020	-	W	-	3,151.5	-
December 2019	-	W	-	3,788.5	-
Kansas					
December 2020	W	W	-	4,088.7	156.7
November 2020	W	W	-	W	W
December 2019	W	W	-	4,202.5	121.9
Kentucky					
December 2020	W	W	-	3,505.6	-
November 2020	W	W	-	3,500.6	-
December 2019	W	W	-	4,014.3	-
Michigan					
December 2020	W	W	-	8,915.1	-
November 2020	W	W	-	9,055.4	-
December 2019	W	W	-	W	W
Minnesota					
December 2020	W	W	W	4,522.3	W
November 2020	W	W	W	4,474.5	W
December 2019	W	W	-	W	W
Missouri					
December 2020	-	W	-	3,149.2	-
November 2020	-	W	-	3,247.6	-
December 2019	-	W	-	3,517.2	-

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)					
Nebraska					
December 2020	W	W	-	1,512.3	-
November 2020	W	W	-	1,479.0	-
December 2019	W	W	-	1,681.5	-
North Dakota					
December 2020	W	W	-	807.9	-
November 2020	W	W	-	796.7	-
December 2019	W	W	-	937.0	-
Ohio					
December 2020	W	W	-	W	W
November 2020	W	W	-	9,791.3	-
December 2019	W	W	-	10,572.7	-
Oklahoma					
December 2020	W	W	-	4,116.8	304.8
November 2020	W	W	-	4,238.0	408.1
December 2019	W	W	-	4,259.3	676.1
South Dakota					
December 2020	W	W	-	1,002.8	-
November 2020	W	W	-	902.6	-
December 2019	W	W	-	1,097.5	-
Tennessee					
December 2020	W	W	-	9,089.3	-
November 2020	W	W	-	9,077.9	-
December 2019	W	W	-	9,642.0	-
Wisconsin					
December 2020	W	W	-	3,785.3	-
November 2020	W	W	-	3,796.6	-
December 2019	W	W	-	3,902.3	-
PAD District 3					
December 2020	W	W	73.3	W	W
November 2020	W	W	77.0	W	W
December 2019	W	W	233.9	38,328.2	9,250.8
Alabama					
December 2020	W	W	-	5,046.1	-
November 2020	W	W	-	5,055.0	-
December 2019	W	W	-	5,403.0	-
Arkansas					
December 2020	-	-	-	3,088.7	-
November 2020	-	-	-	3,191.5	-
December 2019	-	-	-	3,277.1	-
Louisiana					
December 2020	-	W	-	W	W
November 2020	-	W	-	W	W
December 2019	-	W	-	6,142.2	4,160.5
Mississippi					
December 2020	-	-	-	W	W
November 2020	-	-	-	W	W
December 2019	-	-	-	2,905.5	473.9
New Mexico					
December 2020	W	W	W	W	-
November 2020	357.3	361.1	W	W	-
December 2019	W	461.4	W	W	-
Texas					
December 2020	W	W	W	17,975.6	1,489.9
November 2020	W	W	W	17,976.5	1,784.5
December 2019	W	W	W	W	4,616.4

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)					
Nebraska					
December 2020	-	-	-	-	-
November 2020	-	-	-	-	-
December 2019	-	-	-	-	-
North Dakota					
December 2020	-	-	-	-	-
November 2020	-	-	-	-	-
December 2019	-	-	-	-	-
Ohio					
December 2020	-	-	-	-	-
November 2020	-	-	-	-	-
December 2019	-	-	-	-	-
Oklahoma					
December 2020	-	-	-	-	-
November 2020	-	-	-	-	-
December 2019	-	-	-	-	-
South Dakota					
December 2020	-	-	-	-	-
November 2020	-	-	-	-	-
December 2019	-	-	-	-	-
Tennessee					
December 2020	-	-	-	-	-
November 2020	-	-	-	-	-
December 2019	-	-	-	-	-
Wisconsin					
December 2020	W	W	-	1,704.2	-
November 2020	W	W	-	1,506.7	-
December 2019	W	W	-	1,724.5	-
PAD District 3					
December 2020	W	W	-	W	W
November 2020	W	W	-	W	W
December 2019	W	W	-	15,853.0	-
Alabama					
December 2020	-	-	-	-	-
November 2020	-	-	-	-	-
December 2019	-	-	-	-	-
Arkansas					
December 2020	-	-	-	-	-
November 2020	-	-	-	-	-
December 2019	-	-	-	-	-
Louisiana					
December 2020	-	-	-	W	-
November 2020	-	-	-	W	-
December 2019	-	-	-	-	-
Mississippi					
December 2020	-	-	-	-	-
November 2020	-	-	-	-	-
December 2019	-	-	-	-	-
New Mexico					
December 2020	-	-	-	-	-
November 2020	-	-	-	-	-
December 2019	-	-	-	-	-
Texas					
December 2020	W	W	-	14,774.9	W
November 2020	W	W	-	14,787.9	W
December 2019	W	W	-	15,853.0	-

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					
December 2020	W	W	-	1,512.3	-
November 2020	W	W	-	1,479.0	-
December 2019	W	W	-	1,681.5	-
North Dakota					
December 2020	W	W	-	807.9	-
November 2020	W	W	-	796.7	-
December 2019	W	W	-	937.0	-
Ohio					
December 2020	W	W	-	W	W
November 2020	W	W	-	9,791.3	-
December 2019	W	W	-	10,572.7	-
Oklahoma					
December 2020	W	W	-	4,116.8	304.8
November 2020	W	W	-	4,238.0	408.1
December 2019	W	W	-	4,259.3	676.1
South Dakota					
December 2020	W	W	-	1,002.8	-
November 2020	W	W	-	902.6	-
December 2019	W	W	-	1,097.5	-
Tennessee					
December 2020	W	W	-	9,089.3	-
November 2020	W	W	-	9,077.9	-
December 2019	W	W	-	9,642.0	-
Wisconsin					
December 2020	W	W	-	5,489.5	-
November 2020	W	W	-	5,303.3	-
December 2019	W	W	-	5,626.8	-
PAD District 3					
December 2020	W	811.8	73.3	50,995.6	3,371.2
November 2020	808.1	823.4	77.0	50,906.4	5,529.0
December 2019	1,011.6	1,058.3	233.9	54,181.1	9,250.8
Alabama					
December 2020	W	W	-	5,046.1	-
November 2020	W	W	-	5,055.0	-
December 2019	W	W	-	5,403.0	-
Arkansas					
December 2020	-	-	-	3,088.7	-
November 2020	-	-	-	3,191.5	-
December 2019	-	-	-	3,277.1	-
Louisiana					
December 2020	-	W	-	W	W
November 2020	-	W	-	W	W
December 2019	-	W	-	6,142.2	4,160.5
Mississippi					
December 2020	-	-	-	W	W
November 2020	-	-	-	W	W
December 2019	-	-	-	2,905.5	473.9
New Mexico					
December 2020	W	W	W	W	-
November 2020	357.3	361.1	W	W	-
December 2019	W	461.4	W	W	-
Texas					
December 2020	W	W	W	32,750.5	W
November 2020	W	W	W	32,764.3	W
December 2019	547.9	548.8	W	W	4,616.4

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4					
December 2020	373.5	W	W	W	-
November 2020	W	W	W	W	-
December 2019	W	W	W	12,354.7	W
Colorado					
December 2020	202.7	207.0	W	W	-
November 2020	187.8	191.8	W	W	-
December 2019	211.4	215.8	W	W	W
Idaho					
December 2020	W	W	-	1,588.1	-
November 2020	W	W	-	1,520.8	-
December 2019	W	W	-	1,536.1	-
Montana					
December 2020	W	W	-	1,262.8	-
November 2020	W	W	-	1,294.9	-
December 2019	W	W	-	1,294.0	-
Utah					
December 2020	W	W	W	W	-
November 2020	W	60.3	W	W	-
December 2019	W	W	W	W	-
Wyoming					
December 2020	W	9.1	-	812.6	-
November 2020	W	8.5	-	669.9	-
December 2019	W	10.2	-	927.6	-
PAD District 5					
December 2020	933.5	960.5	W	W	W
November 2020	925.7	954.1	W	W	W
December 2019	1,356.2	1,412.8	3,435.6	W	W
Alaska					
December 2020	W	W	W	W	-
November 2020	W	W	W	407.2	-
December 2019	W	W	W	W	W
Arizona					
December 2020	W	W	W	1,761.9	-
November 2020	W	W	W	1,788.4	-
December 2019	W	W	W	1,756.6	-
California					
December 2020	-	-	-	W	W
November 2020	-	-	-	W	W
December 2019	-	-	-	W	-
Hawaii					
December 2020	W	W	W	W	W
November 2020	W	W	W	W	W
December 2019	W	W	W	W	W
Nevada					
December 2020	W	W	W	W	-
November 2020	W	23.3	W	W	-
December 2019	W	W	W	W	-
Oregon					
December 2020	NA	NA	647.2	3,003.6	-
November 2020	78.5	78.5	649.0	3,012.9	-
December 2019	105.8	105.8	785.5	3,423.5	-
Washington					
December 2020	NA	NA	867.8	4,959.7	22.4
November 2020	304.9	308.8	W	4,797.8	W
December 2019	421.7	425.5	W	5,754.3	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	Reformulated			
	Sales to end users		Sales for resale	
	Through retail outlets	Total[a]	DTW	Rack Bulk
PAD District 4				
December 2020	-	-	-	-
November 2020	-	-	-	-
December 2019	-	-	-	-
Colorado				
December 2020	-	-	-	-
November 2020	-	-	-	-
December 2019	-	-	-	-
Idaho				
December 2020	-	-	-	-
November 2020	-	-	-	-
December 2019	-	-	-	-
Montana				
December 2020	-	-	-	-
November 2020	-	-	-	-
December 2019	-	-	-	-
Utah				
December 2020	-	-	-	-
November 2020	-	-	-	-
December 2019	-	-	-	-
Wyoming				
December 2020	-	-	-	-
November 2020	-	-	-	-
December 2019	-	-	-	-
PAD District 5				
December 2020	3,451.7	3,453.6	W	W
November 2020	3,456.4	3,457.9	W	W
December 2019	4,233.2	4,235.3	W	W
Alaska				
December 2020	-	-	-	-
November 2020	-	-	-	-
December 2019	-	-	-	-
Arizona				
December 2020	-	W	W	2,669.4
November 2020	-	W	W	2,687.2
December 2019	-	W	W	2,811.9
California				
December 2020	3,451.7	W	W	W
November 2020	3,456.4	W	W	W
December 2019	4,233.2	W	W	W
Hawaii				
December 2020	-	-	-	-
November 2020	-	-	-	-
December 2019	-	-	-	-
Nevada				
December 2020	-	-	-	-
November 2020	-	-	-	-
December 2019	-	-	-	-
Oregon				
December 2020	-	-	-	-
November 2020	-	-	-	-
December 2019	-	-	-	-
Washington				
December 2020	-	-	-	-
November 2020	-	-	-	-
December 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					
December 2020	373.5	W	W	W	-
November 2020	W	W	W	W	-
December 2019	W	W	W	12,354.7	W
Colorado					
December 2020	202.7	207.0	W	W	-
November 2020	187.8	191.8	W	W	-
December 2019	211.4	215.8	W	W	W
Idaho					
December 2020	W	W	-	1,588.1	-
November 2020	W	W	-	1,520.8	-
December 2019	W	W	-	1,536.1	-
Montana					
December 2020	W	W	-	1,262.8	-
November 2020	W	W	-	1,294.9	-
December 2019	W	W	-	1,294.0	-
Utah					
December 2020	W	W	W	W	-
November 2020	W	60.3	W	W	-
December 2019	W	W	W	W	-
Wyoming					
December 2020	W	9.1	-	812.6	-
November 2020	W	8.5	-	669.9	-
December 2019	W	10.2	-	927.6	-
PAD District 5					
December 2020	4,385.2	4,414.1	W	28,658.6	W
November 2020	4,382.1	4,412.0	15,594.6	W	W
December 2019	5,589.4	5,648.1	W	33,286.4	W
Alaska					
December 2020	W	W	W	W	-
November 2020	W	W	W	407.2	-
December 2019	W	W	W	W	W
Arizona					
December 2020	W	W	632.5	4,431.2	-
November 2020	W	W	794.3	4,475.5	-
December 2019	W	W	1,519.0	4,568.5	-
California					
December 2020	3,451.7	3,452.5	W	14,073.1	W
November 2020	3,456.4	3,457.0	W	14,963.5	W
December 2019	4,233.2	4,234.1	W	17,117.1	W
Hawaii					
December 2020	W	W	W	W	W
November 2020	W	W	W	W	W
December 2019	W	W	W	W	W
Nevada					
December 2020	W	W	W	W	-
November 2020	W	23.3	W	W	-
December 2019	W	W	W	W	-
Oregon					
December 2020	NA	NA	647.2	3,003.6	-
November 2020	78.5	78.5	649.0	3,012.9	-
December 2019	105.8	105.8	785.5	3,423.5	-
Washington					
December 2020	NA	NA	867.8	4,959.7	22.4
November 2020	304.9	308.8	W	4,797.8	W
December 2019	421.7	425.5	W	5,754.3	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 2020 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										
December 2020	4.0	336.6	24,133.5	22,485.6	W	1,043.5	105.1	2,194.1	3,540.4	31,042.0
November 2020	3.9	344.9	22,064.9	20,873.2	W	903.7	157.8	1,660.5	3,674.9	25,339.5
December 2019	W	337.5	32,641.7	41,679.2	W	1,416.1	138.7	2,551.2	3,757.4	37,966.7
PAD District 1										
December 2020	W	94.7	3,426.7	3,444.4	W	471.8	-	W	-	6,431.8
November 2020	1.5	97.4	2,690.7	2,937.9	W	361.6	-	12.0	-	4,555.9
December 2019	-	117.2	5,796.9	8,734.3	W	701.5	W	9.5	-	6,878.5
Subdistrict 1A										
December 2020	W	W	116.5	277.6	W	-	-	-	-	997.7
November 2020	W	W	103.8	W	W	-	-	-	-	586.0
December 2019	-	W	W	1,117.3	W	W	-	-	-	899.5
Connecticut										
December 2020	-	-	W	W	-	-	-	-	-	W
November 2020	-	-	W	W	-	-	-	-	-	W
December 2019	-	-	W	W	-	W	-	-	-	104.8
Maine										
December 2020	-	W	W	W	-	-	-	-	-	W
November 2020	-	W	W	W	-	-	-	-	-	W
December 2019	-	-	W	W	-	-	-	-	-	278.8
Massachusetts										
December 2020	W	-	31.1	W	W	-	-	-	-	W
November 2020	W	-	W	W	W	-	-	-	-	W
December 2019	-	-	W	1,079.0	W	-	-	-	-	W
New Hampshire										
December 2020	-	-	W	-	W	-	-	-	-	165.9
November 2020	-	-	W	-	W	-	-	-	-	W
December 2019	-	W	W	-	W	-	-	-	-	177.3
Rhode Island										
December 2020	-	-	W	W	W	-	-	-	-	W
November 2020	-	-	W	W	W	-	-	-	-	W
December 2019	-	-	W	W	W	-	-	-	-	W
Vermont										
December 2020	-	-	W	W	-	-	-	-	-	W
November 2020	-	-	W	W	-	-	-	-	-	W
December 2019	-	-	W	W	-	-	-	-	-	W
Subdistrict 1B										
December 2020	-	W	1,464.2	1,812.1	W	363.1	-	50.9	-	2,583.7
November 2020	-	W	1,141.3	1,541.8	W	318.9	-	12.0	-	1,875.5
December 2019	-	W	W	5,256.3	W	571.6	W	W	-	2,970.0
Delaware										
December 2020	-	-	-	-	W	-	-	-	-	W
November 2020	-	-	-	-	W	-	-	-	-	W
December 2019	-	-	-	W	W	W	-	-	-	W
District of Columbia										
December 2020	-	-	-	-	-	-	-	-	-	-
November 2020	-	-	-	-	-	-	-	-	-	-
December 2019	-	-	-	-	-	-	-	-	-	-
Maryland										
December 2020	-	-	W	37.8	-	W	-	-	-	W
November 2020	-	-	W	34.0	-	W	-	-	-	W
December 2019	-	-	W	W	-	W	-	-	-	W
New Jersey										
December 2020	-	-	413.9	1,605.3	W	W	-	W	-	285.9
November 2020	-	-	296.1	1,310.3	W	W	-	-	-	264.1
December 2019	-	-	906.3	3,356.0	W	W	-	-	-	349.4
New York										
December 2020	-	W	734.8	43.8	W	W	-	W	-	877.4
November 2020	-	W	669.2	42.7	W	W	-	W	-	500.5
December 2019	-	W	1,191.8	56.7	W	70.8	-	W	-	1,043.8
Pennsylvania										
December 2020	-	W	W	125.2	W	W	-	W	-	1,215.2
November 2020	-	W	W	154.8	2.2	W	-	W	-	961.7
December 2019	-	W	W	1,748.9	5.0	W	W	W	-	1,303.9

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C										
December 2020	W	W	1,845.9	1,354.7	W	108.7	-	W	-	2,850.4
November 2020	W	63.1	1,445.6	W	W	42.7	-	-	-	2,094.4
December 2019	-	89.6	3,197.0	2,360.8	W	W	-	W	-	3,008.9
Florida										
December 2020	-	W	1,410.9	1,139.5	W	-	-	-	-	421.3
November 2020	W	W	1,103.7	875.2	W	-	-	-	-	520.4
December 2019	-	68.0	2,215.4	2,065.3	W	-	-	-	-	380.2
Georgia										
December 2020	W	W	W	46.7	-	W	-	W	-	575.5
November 2020	W	W	W	45.6	-	W	-	-	-	380.3
December 2019	-	W	W	70.7	-	13.2	-	W	-	563.4
North Carolina										
December 2020	-	-	W	60.1	W	100.2	-	-	-	951.5
November 2020	-	W	W	66.7	W	38.5	-	-	-	588.1
December 2019	-	W	W	91.6	W	66.0	-	-	-	1,086.4
South Carolina										
December 2020	-	-	W	W	W	W	-	-	-	694.6
November 2020	-	-	W	53.0	W	W	-	-	-	389.7
December 2019	-	-	W	75.6	W	W	-	-	-	646.2
Virginia										
December 2020	-	W	237.4	62.4	-	W	-	-	-	W
November 2020	-	W	164.9	60.7	-	W	-	-	-	W
December 2019	-	W	494.5	W	-	W	-	-	-	W
West Virginia										
December 2020	-	-	-	W	W	-	-	-	-	W
November 2020	-	-	-	W	W	-	-	-	-	W
December 2019	-	-	-	W	W	-	-	-	-	W
PAD District 2										
December 2020	W	W	6,293.4	2,804.9	W	104.7	18.5	1,586.8	W	12,567.9
November 2020	W	W	5,736.2	2,770.7	W	60.9	18.7	1,157.5	W	10,052.0
December 2019	W	58.8	6,705.9	4,726.4	W	W	30.2	1,934.0	W	15,889.3
Illinois										
December 2020	W	W	1,419.7	W	W	W	W	76.3	W	2,400.5
November 2020	W	W	1,384.1	W	W	W	W	42.3	W	1,784.3
December 2019	W	W	1,611.7	W	W	W	W	94.8	-	2,300.7
Indiana										
December 2020	-	-	654.2	113.4	W	13.0	-	W	-	786.5
November 2020	-	-	561.7	99.7	W	11.9	-	W	W	487.0
December 2019	-	-	938.3	316.4	W	12.5	-	W	W	598.9
Iowa										
December 2020	-	-	24.9	W	-	-	-	213.8	W	W
November 2020	-	-	22.6	W	-	-	-	116.1	W	W
December 2019	-	-	W	89.7	-	-	-	194.6	W	854.8
Kansas										
December 2020	W	W	W	W	-	W	-	137.9	-	2,706.5
November 2020	W	W	W	W	-	W	W	116.3	-	2,854.5
December 2019	W	W	W	W	-	W	W	136.4	-	4,827.4
Kentucky										
December 2020	W	W	W	212.6	W	W	-	W	-	705.3
November 2020	W	W	W	251.0	W	W	W	W	-	457.5
December 2019	W	W	W	350.0	W	W	-	W	-	670.8
Michigan										
December 2020	W	-	W	337.4	W	W	W	24.0	-	980.5
November 2020	-	-	W	352.3	W	W	W	14.5	-	727.4
December 2019	-	W	W	542.5	W	W	W	24.4	W	1,064.4
Minnesota										
December 2020	W	W	W	558.8	W	W	W	402.4	W	824.3
November 2020	W	W	W	539.5	W	W	W	307.5	W	639.2
December 2019	W	W	W	986.9	W	W	W	493.4	W	1,018.6
Missouri										
December 2020	W	-	W	W	-	W	W	18.4	W	500.8
November 2020	W	-	W	W	-	-	W	17.5	W	262.3
December 2019	W	W	W	W	-	-	W	14.4	W	554.3

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)										
Nebraska										
December 2020	W	-	W	W	-	-	W	119.4	W	W
November 2020	W	-	W	W	-	-	W	89.5	W	127.9
December 2019	W	-	W	W	-	-	W	131.9	W	267.9
North Dakota										
December 2020	-	-	W	W	W	W	W	221.7	W	493.1
November 2020	-	-	W	W	W	W	W	188.3	W	562.3
December 2019	-	-	W	W	NA	-	W	360.3	W	869.0
Ohio										
December 2020	W	-	318.5	173.2	W	W	-	W	-	880.5
November 2020	W	-	349.9	187.3	W	W	-	W	-	756.0
December 2019	W	W	443.5	436.5	W	W	-	W	-	934.7
Oklahoma										
December 2020	W	-	W	303.9	-	W	-	W	W	381.7
November 2020	W	-	W	W	-	W	-	W	W	279.1
December 2019	W	-	W	384.9	-	W	-	W	W	394.0
South Dakota										
December 2020	-	-	W	-	-	-	W	116.5	W	W
November 2020	-	-	W	-	-	-	W	96.2	W	W
December 2019	-	-	W	-	-	-	W	177.7	W	199.6
Tennessee										
December 2020	-	W	W	141.5	W	W	-	W	-	270.3
November 2020	-	W	W	133.4	W	W	-	W	-	195.4
December 2019	W	W	W	210.7	W	35.4	-	W	-	231.5
Wisconsin										
December 2020	-	-	W	W	W	W	W	152.7	W	856.8
November 2020	-	-	W	W	W	W	W	85.5	W	609.3
December 2019	-	-	W	20.3	W	W	W	183.0	W	1,102.7
PAD District 3										
December 2020	W	111.5	5,336.4	9,937.6	-	W	-	W	3,214.8	9,145.6
November 2020	W	107.9	4,906.8	8,932.8	-	W	-	-	3,484.1	8,094.6
December 2019	W	95.4	5,932.3	18,417.1	-	553.8	-	-	3,289.7	11,770.8
Alabama										
December 2020	-	W	39.6	59.9	-	W	-	-	-	308.6
November 2020	-	W	49.9	65.9	-	W	-	-	-	223.3
December 2019	-	W	146.3	140.1	-	W	-	-	-	368.3
Arkansas										
December 2020	-	-	W	W	-	-	-	-	-	W
November 2020	-	-	W	W	-	-	-	-	-	W
December 2019	W	-	W	W	-	W	-	-	-	W
Louisiana										
December 2020	W	W	692.5	2,959.1	-	W	-	W	837.1	166.3
November 2020	W	W	585.6	1,688.4	-	W	-	-	786.0	157.8
December 2019	-	5.5	823.7	5,047.7	-	W	-	-	765.4	222.6
Mississippi										
December 2020	-	-	410.1	433.9	-	W	-	-	-	971.4
November 2020	-	W	W	61.8	-	W	-	-	-	505.2
December 2019	-	W	1,083.1	2,060.9	-	W	-	-	-	715.4
New Mexico										
December 2020	W	-	W	W	-	-	-	-	-	W
November 2020	W	-	W	W	-	-	-	-	-	W
December 2019	W	-	W	W	-	-	-	-	-	W
Texas										
December 2020	W	99.5	4,170.1	6,419.6	-	W	-	-	2,377.7	7,502.9
November 2020	W	98.4	4,012.7	7,035.3	-	W	-	-	2,698.1	7,062.2
December 2019	-	88.1	3,798.9	11,071.7	-	W	-	-	2,524.3	10,289.9

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4										
December 2020	W	W	669.4	791.7	-	-	W	200.0	W	1,190.2
November 2020	W	W	639.2	658.1	-	-	W	189.9	W	1,069.9
December 2019	W	W	1,078.7	1,123.7	-	-	7.1	295.1	W	1,304.4
Colorado										
December 2020	W	-	W	457.0	-	-	W	49.5	-	444.4
November 2020	W	-	W	349.0	-	-	W	43.8	W	391.2
December 2019	W	-	423.6	767.6	-	-	W	102.0	-	462.7
Idaho										
December 2020	-	-	W	11.1	-	-	W	11.2	W	W
November 2020	-	-	W	19.4	-	-	W	9.4	W	W
December 2019	-	-	W	17.2	-	-	W	13.9	W	44.2
Montana										
December 2020	-	W	W	W	-	-	W	64.3	W	182.4
November 2020	-	W	W	W	-	-	W	74.1	W	163.9
December 2019	W	W	W	W	-	-	W	90.2	W	207.4
Utah										
December 2020	-	W	348.7	224.4	-	-	W	23.2	-	W
November 2020	-	W	392.6	W	-	-	W	15.1	-	W
December 2019	-	W	451.0	236.6	-	-	W	32.8	-	125.9
Wyoming										
December 2020	-	-	59.6	W	-	-	-	51.7	-	425.3
November 2020	W	-	47.4	W	-	-	-	47.5	-	417.5
December 2019	-	-	W	W	-	-	W	56.3	-	464.1
PAD District 5										
December 2020	W	59.6	8,407.8	5,507.0	W	W	W	355.0	W	1,706.4
November 2020	W	66.4	8,092.0	5,573.8	W	W	W	301.1	W	1,567.1
December 2019	W	W	13,127.9	8,677.6	W	W	W	312.6	W	2,123.9
Alaska										
December 2020	W	-	W	W	-	-	W	W	W	W
November 2020	W	-	W	W	-	-	W	W	W	W
December 2019	W	-	W	W	-	-	W	W	W	W
Arizona										
December 2020	W	W	W	140.5	-	-	-	-	-	229.0
November 2020	W	W	W	143.6	-	-	-	-	-	155.0
December 2019	W	W	W	158.0	-	-	-	-	-	246.6
California										
December 2020	W	25.5	4,440.9	4,335.6	W	W	-	-	-	1,015.2
November 2020	W	30.0	4,189.3	4,399.1	W	W	-	-	-	988.0
December 2019	-	25.6	7,339.3	6,302.1	W	W	-	-	-	1,165.7
Hawaii										
December 2020	-	-	W	W	-	-	-	-	-	W
November 2020	-	-	W	W	-	-	-	-	-	W
December 2019	-	-	W	W	-	-	-	-	-	W
Nevada										
December 2020	-	-	W	W	-	-	-	-	-	W
November 2020	-	-	W	W	-	-	-	-	-	W
December 2019	-	-	W	W	-	-	-	-	-	W
Oregon										
December 2020	-	W	285.8	68.9	-	-	-	W	W	W
November 2020	-	W	201.8	W	-	-	-	W	W	21.1
December 2019	-	W	431.0	W	-	-	-	W	W	137.5
Washington										
December 2020	-	W	1,302.0	456.8	NA	-	W	W	W	376.5
November 2020	-	W	1,206.8	325.8	NA	-	W	W	W	359.0
December 2019	-	W	1,977.8	721.6	W	-	W	W	W	445.6

- = 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 2020 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						
December 2020	8,944.6	141,768.2	W	-	W	1,056.6
November 2020	9,182.4	142,756.1	W	-	W	928.6
December 2019	10,456.1	154,034.3	W	-	W	1,542.9
PAD District 1						
December 2020	1,352.1	27,929.5	-	-	-	W
November 2020	1,286.0	28,949.1	-	-	-	W
December 2019	W	29,710.1	-	-	-	W
Subdistrict 1A						
December 2020	W	W	-	-	-	-
November 2020	W	W	-	-	-	-
December 2019	W	W	-	-	-	-
Connecticut						
December 2020	W	590.6	-	-	-	-
November 2020	-	W	-	-	-	-
December 2019	W	940.3	-	-	-	-
Maine						
December 2020	-	W	-	-	-	-
November 2020	-	W	-	-	-	-
December 2019	-	W	-	-	-	-
Massachusetts						
December 2020	W	W	-	-	-	-
November 2020	W	W	-	-	-	-
December 2019	W	W	-	-	-	-
New Hampshire						
December 2020	W	W	-	-	-	-
November 2020	W	W	-	-	-	-
December 2019	W	W	-	-	-	-
Rhode Island						
December 2020	W	W	-	-	-	-
November 2020	W	W	-	-	-	-
December 2019	W	284.9	-	-	-	-
Vermont						
December 2020	-	W	-	-	-	-
November 2020	-	W	-	-	-	-
December 2019	-	W	-	-	-	-
Subdistrict 1B						
December 2020	W	W	-	-	-	W
November 2020	W	W	-	-	-	W
December 2019	W	W	-	-	-	W
Delaware						
December 2020	W	W	-	-	-	-
November 2020	W	W	-	-	-	-
December 2019	W	W	-	-	-	-
District of Columbia						
December 2020	-	W	-	-	-	-
November 2020	-	W	-	-	-	-
December 2019	-	W	-	-	-	-
Maryland						
December 2020	-	996.3	-	-	-	-
November 2020	W	1,139.6	-	-	-	-
December 2019	W	W	-	-	-	W
New Jersey						
December 2020	91.5	W	-	-	-	W
November 2020	88.5	W	-	-	-	W
December 2019	89.5	W	-	-	-	W
New York						
December 2020	148.5	W	-	-	-	W
November 2020	147.2	W	-	-	-	W
December 2019	W	W	-	-	-	W
Pennsylvania						
December 2020	276.4	4,144.6	-	-	-	-
November 2020	269.2	4,204.2	-	-	-	-
December 2019	W	4,395.5	-	-	-	-

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
December 2020	W	15,452.1	-	-	-	-
November 2020	W	14,951.4	-	-	-	-
December 2019	902.6	13,887.5	-	-	-	-
Florida						
December 2020	273.9	4,925.4	-	-	-	-
November 2020	242.4	4,677.2	-	-	-	-
December 2019	209.0	4,660.2	-	-	-	-
Georgia						
December 2020	61.1	2,725.1	-	-	-	-
November 2020	49.4	2,705.7	-	-	-	-
December 2019	48.3	2,395.6	-	-	-	-
North Carolina						
December 2020	219.8	W	-	-	-	-
November 2020	217.6	W	-	-	-	-
December 2019	280.2	W	-	-	-	-
South Carolina						
December 2020	W	1,511.1	-	-	-	-
November 2020	W	1,401.0	-	-	-	-
December 2019	W	1,319.9	-	-	-	-
Virginia						
December 2020	7.0	W	-	-	-	-
November 2020	6.7	W	-	-	-	-
December 2019	5.4	W	-	-	-	-
West Virginia						
December 2020	208.8	W	-	-	-	-
November 2020	191.1	W	-	-	-	-
December 2019	W	W	-	-	-	-
PAD District 2						
December 2020	W	42,215.2	-	-	-	-
November 2020	W	44,776.9	-	-	-	-
December 2019	W	42,595.4	-	-	-	-
Illinois						
December 2020	112.1	6,751.2	-	-	-	-
November 2020	114.1	7,095.5	-	-	-	-
December 2019	141.2	6,828.2	-	-	-	-
Indiana						
December 2020	171.1	3,632.1	-	-	-	-
November 2020	186.5	3,622.7	-	-	-	-
December 2019	W	3,851.5	-	-	-	-
Iowa						
December 2020	W	1,722.0	-	-	-	-
November 2020	W	2,169.5	-	-	-	-
December 2019	38.4	1,827.6	-	-	-	-
Kansas						
December 2020	473.4	3,071.3	-	-	-	-
November 2020	486.3	3,181.1	-	-	-	-
December 2019	546.4	3,041.6	-	-	-	-
Kentucky						
December 2020	375.9	1,643.8	-	-	-	-
November 2020	336.0	1,675.1	-	-	-	-
December 2019	374.0	1,557.3	-	-	-	-
Michigan						
December 2020	149.4	2,516.1	-	-	-	-
November 2020	156.9	2,687.4	-	-	-	-
December 2019	167.8	W	-	-	-	-
Minnesota						
December 2020	244.2	W	-	-	-	-
November 2020	267.1	W	-	-	-	-
December 2019	W	W	-	-	-	-
Missouri						
December 2020	1.3	1,617.9	-	-	-	-
November 2020	0.6	1,696.5	-	-	-	-
December 2019	W	1,464.8	-	-	-	-

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						
December 2020	301.7	1,157.5	-	-	-	-
November 2020	326.2	1,397.9	-	-	-	-
December 2019	W	1,051.0	-	-	-	-
North Dakota						
December 2020	W	753.7	-	-	-	-
November 2020	W	871.7	-	-	-	-
December 2019	W	926.3	-	-	-	-
Ohio						
December 2020	398.0	5,278.0	-	-	-	-
November 2020	380.6	5,248.0	-	-	-	-
December 2019	440.7	4,621.5	-	-	-	-
Oklahoma						
December 2020	140.7	5,454.5	-	-	-	-
November 2020	132.1	5,621.4	-	-	-	-
December 2019	148.2	6,942.9	-	-	-	-
South Dakota						
December 2020	W	635.7	-	-	-	-
November 2020	W	758.4	-	-	-	-
December 2019	W	509.7	-	-	-	-
Tennessee						
December 2020	202.3	W	-	-	-	-
November 2020	177.2	W	-	-	-	-
December 2019	192.2	3,469.2	-	-	-	-
Wisconsin						
December 2020	W	W	-	-	-	-
November 2020	W	W	-	-	-	-
December 2019	W	W	-	-	-	-
PAD District 3						
December 2020	1,743.7	46,716.8	-	-	-	423.6
November 2020	1,732.0	44,400.4	-	-	-	303.8
December 2019	2,683.9	W	-	-	-	W
Alabama						
December 2020	155.3	1,879.2	-	-	-	-
November 2020	147.0	W	-	-	-	-
December 2019	163.1	1,599.8	-	-	-	-
Arkansas						
December 2020	W	1,476.2	-	-	-	-
November 2020	W	1,663.8	-	-	-	-
December 2019	W	1,362.7	-	-	-	-
Louisiana						
December 2020	W	W	-	-	-	W
November 2020	96.4	W	-	-	-	W
December 2019	W	11,826.6	-	-	-	W
Mississippi						
December 2020	33.4	2,269.8	-	-	-	-
November 2020	22.9	1,851.0	-	-	-	-
December 2019	21.8	W	-	-	-	-
New Mexico						
December 2020	115.4	1,268.5	-	-	-	-
November 2020	100.6	1,381.7	-	-	-	-
December 2019	190.7	965.1	-	-	-	-
Texas						
December 2020	1,270.2	W	-	-	-	W
November 2020	W	W	-	-	-	W
December 2019	2,011.5	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						
December 2020	W	6,061.1	-	-	-	-
November 2020	W	5,631.4	-	-	-	-
December 2019	W	6,562.6	-	-	-	-
Colorado						
December 2020	226.3	1,788.8	-	-	-	-
November 2020	197.3	1,648.7	-	-	-	-
December 2019	200.8	1,875.8	-	-	-	-
Idaho						
December 2020	W	889.5	-	-	-	-
November 2020	W	798.8	-	-	-	-
December 2019	W	872.9	-	-	-	-
Montana						
December 2020	225.6	906.5	-	-	-	-
November 2020	256.3	994.7	-	-	-	-
December 2019	W	856.1	-	-	-	-
Utah						
December 2020	W	1,803.5	-	-	-	-
November 2020	W	1,384.0	-	-	-	-
December 2019	221.8	1,770.0	-	-	-	-
Wyoming						
December 2020	242.1	672.9	-	-	-	-
November 2020	233.7	805.2	-	-	-	-
December 2019	362.0	1,187.8	-	-	-	-
PAD District 5						
December 2020	W	18,845.5	W	-	W	W
November 2020	W	18,998.3	W	-	W	W
December 2019	W	W	W	-	W	W
Alaska						
December 2020	W	W	-	-	-	-
November 2020	W	W	-	-	-	-
December 2019	W	W	-	-	-	-
Arizona						
December 2020	373.8	1,149.1	-	-	-	-
November 2020	386.4	1,145.0	-	-	-	-
December 2019	406.1	773.2	-	-	-	-
California						
December 2020	993.0	W	-	-	-	W
November 2020	1,070.9	W	-	-	-	W
December 2019	1,006.0	W	-	-	-	W
Hawaii						
December 2020	W	W	W	-	W	W
November 2020	W	W	W	-	W	W
December 2019	W	NA	W	-	W	NA
Nevada						
December 2020	W	437.6	-	-	-	-
November 2020	W	454.8	-	-	-	-
December 2019	W	427.6	-	-	-	-
Oregon						
December 2020	22.9	2,023.1	-	-	-	-
November 2020	22.1	1,896.9	-	-	-	-
December 2019	W	W	-	-	-	-
Washington						
December 2020	W	W	-	-	-	W
November 2020	W	W	-	-	-	W
December 2019	183.5	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 2020 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				
December 2020	84.6	10,176.9	9,218.4	153,001.6
November 2020	97.6	8,373.5	9,527.0	152,058.2
December 2019	115.9	14,630.9	11,116.6	170,208.1
PAD District 1				
December 2020	-	W	1,352.1	34,888.8
November 2020	-	W	1,286.0	33,365.4
December 2019	W	W	1,626.6	40,039.8
Subdistrict 1A				
December 2020	-	W	W	3,290.3
November 2020	-	W	W	2,156.0
December 2019	-	W	W	4,275.7
Connecticut				
December 2020	-	1,100.9	W	1,691.6
November 2020	-	W	-	1,020.8
December 2019	-	1,640.4	W	2,580.7
Maine				
December 2020	-	W	-	204.4
November 2020	-	W	-	128.2
December 2019	-	W	-	206.5
Massachusetts				
December 2020	-	W	W	511.2
November 2020	-	W	W	412.6
December 2019	-	W	W	522.5
New Hampshire				
December 2020	-	W	W	W
November 2020	-	W	W	W
December 2019	-	W	W	W
Rhode Island				
December 2020	-	W	W	555.2
November 2020	-	W	W	349.8
December 2019	-	334.0	W	618.9
Vermont				
December 2020	-	W	-	W
November 2020	-	W	-	W
December 2019	-	W	-	W
Subdistrict 1B				
December 2020	-	4,591.4	W	16,056.7
November 2020	-	3,045.5	W	16,206.9
December 2019	W	7,482.5	W	21,787.6
Delaware				
December 2020	-	W	W	W
November 2020	-	W	W	W
December 2019	-	W	W	W
District of Columbia				
December 2020	-	-	-	W
November 2020	-	-	-	W
December 2019	-	-	-	W
Maryland				
December 2020	-	W	-	1,368.8
November 2020	-	W	W	1,270.6
December 2019	-	W	W	1,635.1
New Jersey				
December 2020	-	2,501.2	91.5	7,629.7
November 2020	-	1,952.4	88.5	8,184.3
December 2019	-	5,198.9	89.5	12,584.2
New York				
December 2020	-	812.7	148.5	1,678.1
November 2020	-	498.7	147.2	1,703.6
December 2019	W	1,167.9	186.9	2,093.2
Pennsylvania				
December 2020	-	856.8	276.4	5,001.5
November 2020	-	457.5	269.2	4,661.7
December 2019	W	712.4	353.8	5,107.8

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
Subdistrict 1C				
December 2020	-	89.7	808.9	15,541.8
November 2020	-	51.2	745.5	15,002.6
December 2019	-	89.0	902.6	13,976.6
Florida				
December 2020	-	-	273.9	4,925.4
November 2020	-	-	242.4	4,677.2
December 2019	-	-	209.0	4,660.2
Georgia				
December 2020	-	-	61.1	2,725.1
November 2020	-	-	49.4	2,705.7
December 2019	-	-	48.3	2,395.6
North Carolina				
December 2020	-	W	219.8	3,063.7
November 2020	-	W	217.6	3,074.4
December 2019	-	W	280.2	2,586.3
South Carolina				
December 2020	-	-	W	1,511.1
November 2020	-	-	W	1,401.0
December 2019	-	-	W	1,319.9
Virginia				
December 2020	-	W	W	2,600.4
November 2020	-	W	W	2,493.6
December 2019	-	W	5.4	2,214.5
West Virginia				
December 2020	-	W	208.8	716.2
November 2020	-	W	191.1	650.7
December 2019	-	W	W	800.0
PAD District 2				
December 2020	W	97.7	2,987.7	42,312.9
November 2020	W	162.0	3,031.7	44,938.9
December 2019	W	112.8	3,184.4	42,708.2
Illinois				
December 2020	-	-	112.1	6,751.2
November 2020	-	-	114.1	7,095.5
December 2019	-	-	141.2	6,828.2
Indiana				
December 2020	-	-	171.1	3,632.1
November 2020	-	-	186.5	3,622.7
December 2019	-	-	W	3,851.5
Iowa				
December 2020	-	-	W	1,722.0
November 2020	-	-	W	2,169.5
December 2019	-	-	38.4	1,827.6
Kansas				
December 2020	-	-	473.4	3,071.3
November 2020	-	-	486.3	3,181.1
December 2019	-	-	546.4	3,041.6
Kentucky				
December 2020	-	-	375.9	1,643.8
November 2020	-	-	336.0	1,675.1
December 2019	-	-	374.0	1,557.3
Michigan				
December 2020	-	83.4	149.4	2,599.5
November 2020	-	143.8	156.9	2,831.2
December 2019	-	W	167.8	2,503.3
Minnesota				
December 2020	-	W	244.2	2,198.9
November 2020	-	W	267.1	2,503.6
December 2019	W	W	235.5	1,921.1
Missouri				
December 2020	-	-	1.3	1,617.9
November 2020	-	-	0.6	1,696.5
December 2019	-	-	W	1,464.8

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				
December 2020	-	-	301.7	1,157.5
November 2020	-	-	326.2	1,397.9
December 2019	-	-	W	1,051.0
North Dakota				
December 2020	-	-	W	753.7
November 2020	-	-	W	871.7
December 2019	W	-	W	926.3
Ohio				
December 2020	-	-	398.0	5,278.0
November 2020	-	-	380.6	5,248.0
December 2019	-	-	440.7	4,621.5
Oklahoma				
December 2020	-	-	140.7	5,454.5
November 2020	-	-	132.1	5,621.4
December 2019	-	-	148.2	6,942.9
South Dakota				
December 2020	W	-	W	635.7
November 2020	W	-	W	758.4
December 2019	W	-	W	509.7
Tennessee				
December 2020	-	W	202.3	3,500.9
November 2020	-	W	177.2	3,781.2
December 2019	-	-	192.2	3,469.2
Wisconsin				
December 2020	W	W	24.5	2,295.9
November 2020	W	W	32.2	2,485.1
December 2019	W	W	41.5	2,192.2
PAD District 3				
December 2020	-	3,366.9	1,743.7	50,507.2
November 2020	-	4,067.5	1,732.0	48,771.7
December 2019	-	4,302.9	2,683.9	60,922.4
Alabama				
December 2020	-	-	155.3	1,879.2
November 2020	-	W	147.0	1,903.0
December 2019	-	-	163.1	1,599.8
Arkansas				
December 2020	-	-	W	1,476.2
November 2020	-	-	W	1,663.8
December 2019	-	-	W	1,362.7
Louisiana				
December 2020	-	246.2	W	13,189.8
November 2020	-	W	96.4	9,952.2
December 2019	-	W	W	15,281.6
Mississippi				
December 2020	-	-	33.4	2,269.8
November 2020	-	-	W	1,851.0
December 2019	-	W	21.8	2,440.8
New Mexico				
December 2020	-	-	115.4	1,268.5
November 2020	-	-	100.6	1,381.7
December 2019	-	-	190.7	965.1
Texas				
December 2020	-	3,120.7	1,270.2	30,423.7
November 2020	-	3,796.1	1,323.6	32,020.0
December 2019	-	1,023.7	2,011.5	39,272.3

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4				
December 2020	W	-	1,030.0	6,061.1
November 2020	W	-	1,044.4	5,631.4
December 2019	W	-	1,076.3	6,562.6
Colorado				
December 2020	-	-	226.3	1,788.8
November 2020	-	-	197.3	1,648.7
December 2019	-	-	200.8	1,875.8
Idaho				
December 2020	W	-	43.6	889.5
November 2020	W	-	37.4	798.8
December 2019	W	-	W	872.9
Montana				
December 2020	-	-	225.6	906.5
November 2020	-	-	256.3	994.7
December 2019	-	-	W	856.1
Utah				
December 2020	W	-	292.4	1,803.5
November 2020	W	-	319.7	1,384.0
December 2019	-	-	221.8	1,770.0
Wyoming				
December 2020	-	-	242.1	672.9
November 2020	-	-	233.7	805.2
December 2019	-	-	362.0	1,187.8
PAD District 5				
December 2020	W	W	2,104.9	19,231.5
November 2020	W	W	2,432.9	19,350.8
December 2019	W	W	2,545.5	19,975.1
Alaska				
December 2020	W	W	W	W
November 2020	W	W	W	W
December 2019	W	W	W	W
Arizona				
December 2020	-	-	373.8	1,149.1
November 2020	-	-	386.4	1,145.0
December 2019	-	-	406.1	773.2
California				
December 2020	-	-	993.0	11,891.5
November 2020	-	-	1,070.9	12,268.9
December 2019	-	-	1,006.0	12,646.6
Hawaii				
December 2020	-	-	W	W
November 2020	-	-	W	W
December 2019	-	-	W	W
Nevada				
December 2020	W	-	W	437.6
November 2020	W	-	W	454.8
December 2019	W	-	W	427.6
Oregon				
December 2020	-	-	22.9	2,023.1
November 2020	-	-	22.1	1,896.9
December 2019	-	W	W	2,043.6
Washington				
December 2020	W	-	190.5	3,387.9
November 2020	W	-	188.0	3,233.8
December 2019	W	-	503.2	3,566.3

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 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								
December 2020	W	3,267.4	W	1,810.9	2,014.6	5,078.4	-	W
November 2020	W	3,811.7	W	1,554.9	1,995.0	5,366.6	-	W
December 2019	W	2,788.0	W	3,266.8	2,072.7	6,054.7	-	W
PAD District 1								
December 2020	W	W	-	W	W	W	-	-
November 2020	W	W	-	W	W	1,673.3	-	-
December 2019	W	W	-	W	W	2,990.4	-	-
Subdistrict 1A								
December 2020	-	-	-	-	-	-	-	-
November 2020	-	-	-	-	-	-	-	-
December 2019	-	-	-	-	-	-	-	-
Subdistrict 1B								
December 2020	W	W	-	W	W	W	-	-
November 2020	W	W	-	W	W	1,673.3	-	-
December 2019	W	W	-	W	W	2,990.4	-	-
Subdistrict 1C								
December 2020	-	-	-	-	-	-	-	-
November 2020	-	-	-	-	-	-	-	-
December 2019	-	-	-	-	-	-	-	-
PAD District 2								
December 2020	-	-	W	-	W	-	-	-
November 2020	-	-	W	-	W	-	-	-
December 2019	-	-	W	-	W	-	-	-
PAD District 3								
December 2020	W	W	W	W	W	2,237.7	-	W
November 2020	W	2,023.9	W	566.1	W	2,590.0	-	W
December 2019	-	W	151.0	W	151.0	1,566.0	-	W
PAD District 4								
December 2020	-	W	-	-	-	W	-	-
November 2020	-	-	-	-	-	-	-	-
December 2019	-	-	-	W	-	W	-	-
PAD District 5								
December 2020	W	W	W	W	1,754.2	1,207.6	-	-
November 2020	W	W	W	W	1,707.7	1,103.3	-	-
December 2019	W	W	W	995.5	1,911.2	W	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 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						
December 2020	190,100.9	84,144.4	274,245.3	3,016.3	1,561.8	4,578.1
November 2020	189,345.7	85,458.0	274,803.7	3,062.4	1,629.7	4,692.1
December 2019	212,522.7	100,314.2	312,836.9	3,332.9	1,862.3	5,195.2
PAD District 1						
December 2020	59,326.1	32,877.4	92,203.4	1,184.9	519.9	1,704.8
November 2020	59,195.6	33,268.7	92,464.3	1,204.7	542.3	1,747.0
December 2019	63,644.6	39,246.5	102,891.1	1,249.7	633.3	1,883.0
Subdistrict 1A						
December 2020	1,348.4	10,451.4	11,799.7	19.6	160.3	179.9
November 2020	1,359.4	10,557.0	11,916.4	17.6	163.0	180.5
December 2019	1,585.8	11,956.6	13,542.4	16.2	195.2	211.4
Connecticut						
December 2020	-	2,906.2	2,906.2	-	26.5	26.5
November 2020	-	2,933.4	2,933.4	-	29.7	29.7
December 2019	-	3,039.6	3,039.6	-	32.9	32.9
Maine						
December 2020	548.8	901.8	1,450.6	12.5	10.1	22.6
November 2020	551.5	862.3	1,413.8	10.6	9.9	20.5
December 2019	647.0	991.5	1,638.5	8.5	11.8	20.3
Massachusetts						
December 2020	-	4,479.5	4,479.5	-	95.2	95.2
November 2020	-	4,603.8	4,603.8	-	94.0	94.0
December 2019	-	5,391.4	5,391.4	-	113.9	113.9
New Hampshire						
December 2020	258.7	891.8	1,150.5	2.8	10.6	13.4
November 2020	247.4	935.2	1,182.6	2.6	10.4	13.0
December 2019	302.8	1,036.5	1,339.4	1.8	12.9	14.7
Rhode Island						
December 2020	-	1,272.0	1,272.0	-	17.9	17.9
November 2020	-	1,222.3	1,222.3	-	18.9	18.9
December 2019	-	1,497.5	1,497.5	-	23.8	23.8
Vermont						
December 2020	540.9	-	540.9	4.3	-	4.3
November 2020	560.5	-	560.5	4.4	-	4.4
December 2019	636.0	-	636.0	5.8	-	5.8
Subdistrict 1B						
December 2020	10,750.7	19,134.8	29,885.5	126.6	316.5	443.0
November 2020	11,025.4	19,433.4	30,458.8	130.8	335.5	466.3
December 2019	13,025.1	23,396.6	36,421.7	136.6	380.3	516.9
Delaware						
December 2020	-	907.7	907.7	-	6.4	6.4
November 2020	-	911.7	911.7	-	6.1	6.1
December 2019	-	922.3	922.3	-	7.2	7.2
District of Columbia						
December 2020	-	133.6	133.6	-	2.1	2.1
November 2020	-	143.0	143.0	-	2.3	2.3
December 2019	-	150.5	150.5	-	2.6	2.6
Maryland						
December 2020	499.4	3,250.6	3,750.0	3.9	25.0	28.9
November 2020	497.7	3,271.4	3,769.1	4.2	32.1	36.2
December 2019	529.8	4,176.1	4,705.9	3.0	38.2	41.2
New Jersey						
December 2020	-	7,142.6	7,142.6	-	90.5	90.5
November 2020	-	7,216.0	7,216.0	-	95.8	95.8
December 2019	-	8,626.2	8,626.2	-	112.6	112.6
New York						
December 2020	4,544.9	5,700.7	10,245.6	76.3	173.1	249.4
November 2020	4,794.2	5,868.9	10,663.1	77.9	180.0	257.9
December 2019	5,394.1	7,068.0	12,462.0	81.0	197.3	278.3
Pennsylvania						
December 2020	5,706.4	1,999.6	7,706.0	46.5	19.4	65.8
November 2020	5,733.4	2,022.5	7,755.9	48.7	19.2	67.9
December 2019	7,101.3	2,453.5	9,554.7	52.6	22.4	75.0

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
United States						
December 2020	23,085.3	17,875.6	40,960.9	216,202.5	103,581.8	319,784.3
November 2020	23,553.7	18,739.9	42,293.7	215,961.9	105,827.6	321,789.4
December 2019	22,623.2	19,045.6	41,668.8	238,478.8	121,222.1	359,700.9
PAD District 1						
December 2020	7,740.0	6,252.3	13,992.3	68,250.9	39,649.5	107,900.5
November 2020	7,853.9	6,510.3	14,364.2	68,254.2	40,321.3	108,575.5
December 2019	7,219.2	6,707.4	13,926.6	72,113.5	46,587.2	118,700.7
Subdistrict 1A						
December 2020	93.4	1,697.0	1,790.4	1,461.4	12,308.7	13,770.1
November 2020	91.6	1,769.7	1,861.2	1,468.6	12,489.6	13,958.2
December 2019	93.7	1,736.7	1,830.4	1,695.7	13,888.5	15,584.2
Connecticut						
December 2020	-	562.4	562.4	-	3,495.1	3,495.1
November 2020	-	581.9	581.9	-	3,545.0	3,545.0
December 2019	-	519.0	519.0	-	3,591.5	3,591.5
Maine						
December 2020	28.1	79.6	107.7	589.4	991.6	1,580.9
November 2020	26.9	75.2	102.1	589.0	947.5	1,536.4
December 2019	29.9	80.4	110.3	685.4	1,083.7	1,769.2
Massachusetts						
December 2020	-	733.7	733.7	-	5,308.4	5,308.4
November 2020	-	782.1	782.1	-	5,479.9	5,479.9
December 2019	-	802.8	802.8	-	6,308.1	6,308.1
New Hampshire						
December 2020	13.8	110.4	124.2	275.3	1,012.8	1,288.1
November 2020	13.2	121.7	134.9	263.2	1,067.3	1,330.5
December 2019	12.8	117.2	130.0	317.5	1,166.6	1,484.1
Rhode Island						
December 2020	-	210.9	210.9	-	1,500.8	1,500.8
November 2020	-	208.7	208.7	-	1,449.9	1,449.9
December 2019	-	217.3	217.3	-	1,738.5	1,738.5
Vermont						
December 2020	51.5	-	51.5	596.7	-	596.7
November 2020	51.5	-	51.5	616.4	-	616.4
December 2019	51.0	-	51.0	692.8	-	692.8
Subdistrict 1B						
December 2020	1,040.3	3,924.9	4,965.2	11,917.6	23,376.2	35,293.8
November 2020	1,137.9	4,089.1	5,227.0	12,294.1	23,858.0	36,152.1
December 2019	1,165.7	4,240.5	5,406.2	14,327.5	28,017.4	42,344.8
Delaware						
December 2020	-	117.4	117.4	-	1,031.5	1,031.5
November 2020	-	123.2	123.2	-	1,041.0	1,041.0
December 2019	-	114.4	114.4	-	1,044.0	1,044.0
District of Columbia						
December 2020	-	29.1	29.1	-	164.8	164.8
November 2020	-	32.6	32.6	-	177.9	177.9
December 2019	-	31.6	31.6	-	184.7	184.7
Maryland						
December 2020	47.4	581.3	628.7	550.7	3,856.8	4,407.5
November 2020	50.9	599.5	650.3	552.8	3,902.9	4,455.7
December 2019	43.2	702.7	745.9	576.0	4,916.9	5,493.0
New Jersey						
December 2020	-	1,229.5	1,229.5	-	8,462.5	8,462.5
November 2020	-	1,275.7	1,275.7	-	8,587.5	8,587.5
December 2019	-	1,342.4	1,342.4	-	10,081.3	10,081.3
New York						
December 2020	426.4	1,641.1	2,067.5	5,047.5	7,514.9	12,562.5
November 2020	467.7	1,712.5	2,180.2	5,339.9	7,761.3	13,101.2
December 2019	504.5	1,693.4	2,197.9	5,979.6	8,958.6	14,938.2
Pennsylvania						
December 2020	566.5	326.6	893.1	6,319.4	2,345.6	8,665.0
November 2020	619.3	345.6	964.9	6,401.4	2,387.3	8,788.8
December 2019	617.9	356.1	974.0	7,771.8	2,831.9	10,603.7

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						
December 2020	47,226.9	3,291.2	50,518.1	1,038.7	43.2	1,081.8
November 2020	46,810.8	3,278.3	50,089.1	1,056.3	43.9	1,100.2
December 2019	49,033.8	3,893.3	52,927.0	1,096.8	57.9	1,154.7
Florida						
December 2020	16,161.4	-	16,161.4	276.1	-	276.1
November 2020	15,926.9	-	15,926.9	276.6	-	276.6
December 2019	16,168.3	-	16,168.3	287.2	-	287.2
Georgia						
December 2020	11,024.1	-	11,024.1	305.0	-	305.0
November 2020	10,926.7	-	10,926.7	310.7	-	310.7
December 2019	10,920.9	-	10,920.9	318.4	-	318.4
North Carolina						
December 2020	9,718.6	-	9,718.6	246.6	-	246.6
November 2020	9,538.9	-	9,538.9	245.9	-	245.9
December 2019	10,378.6	-	10,378.6	255.5	-	255.5
South Carolina						
December 2020	5,563.0	-	5,563.0	156.0	-	156.0
November 2020	5,538.8	-	5,538.8	160.3	-	160.3
December 2019	6,172.4	-	6,172.4	165.2	-	165.2
Virginia						
December 2020	3,204.7	3,291.2	6,495.9	43.7	43.2	86.9
November 2020	3,285.3	3,278.3	6,563.7	48.0	43.9	91.9
December 2019	3,525.1	3,893.3	7,418.4	55.9	57.9	113.8
West Virginia						
December 2020	1,555.0	-	1,555.0	11.3	-	11.3
November 2020	1,594.2	-	1,594.2	14.7	-	14.7
December 2019	1,868.5	-	1,868.5	14.6	-	14.6
PAD District 2						
December 2020	68,865.5	11,317.1	80,182.7	874.4	153.2	1,027.6
November 2020	68,911.4	10,765.6	79,676.9	900.6	152.0	1,052.6
December 2019	77,386.6	12,967.8	90,354.4	1,017.6	171.1	1,188.7
Illinois						
December 2020	3,487.2	5,855.0	9,342.2	39.3	69.4	108.7
November 2020	3,457.3	5,541.5	8,998.8	42.3	70.6	112.8
December 2019	4,183.4	7,022.5	11,205.9	47.1	81.9	129.0
Indiana						
December 2020	5,931.3	950.6	6,881.9	66.7	18.6	85.3
November 2020	5,900.8	922.9	6,823.7	69.0	18.8	87.9
December 2019	6,478.9	1,024.5	7,503.4	76.0	22.0	98.0
Iowa						
December 2020	2,936.0	-	2,936.0	73.8	-	73.8
November 2020	2,759.3	-	2,759.3	72.4	-	72.4
December 2019	3,475.8	-	3,475.8	79.4	-	79.4
Kansas						
December 2020	3,678.9	-	3,678.9	46.9	-	46.9
November 2020	3,561.5	-	3,561.5	45.4	-	45.4
December 2019	3,883.5	-	3,883.5	50.7	-	50.7
Kentucky						
December 2020	3,847.9	707.9	4,555.8	49.7	14.4	64.1
November 2020	3,913.2	680.1	4,593.2	50.9	14.0	64.9
December 2019	4,274.5	686.0	4,960.6	57.8	11.7	69.5
Michigan						
December 2020	9,735.6	-	9,735.6	60.9	-	60.9
November 2020	9,967.3	-	9,967.3	65.1	-	65.1
December 2019	11,397.9	-	11,397.9	69.0	-	69.0
Minnesota						
December 2020	4,533.9	-	4,533.9	71.9	-	71.9
November 2020	4,511.1	-	4,511.1	75.2	-	75.2
December 2019	5,427.8	-	5,427.8	98.6	-	98.6
Missouri						
December 2020	4,763.0	2,069.5	6,832.6	77.2	36.1	113.3
November 2020	4,718.5	2,025.9	6,744.4	76.6	34.7	111.3
December 2019	4,927.3	2,314.9	7,242.2	75.6	38.6	114.2

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
Subdistrict 1C						
December 2020	6,606.3	630.4	7,236.6	54,871.9	3,964.7	58,836.6
November 2020	6,624.4	651.5	7,276.0	54,491.5	3,973.7	58,465.3
December 2019	5,959.8	730.2	6,690.0	56,090.4	4,681.3	60,771.7
Florida						
December 2020	2,612.4	-	2,612.4	19,049.9	-	19,049.9
November 2020	2,589.6	-	2,589.6	18,793.1	-	18,793.1
December 2019	2,281.5	-	2,281.5	18,737.0	-	18,737.0
Georgia						
December 2020	1,643.6	-	1,643.6	12,972.8	-	12,972.8
November 2020	1,666.7	-	1,666.7	12,904.1	-	12,904.1
December 2019	1,388.7	-	1,388.7	12,628.0	-	12,628.0
North Carolina						
December 2020	1,307.9	-	1,307.9	11,273.1	-	11,273.1
November 2020	1,289.6	-	1,289.6	11,074.4	-	11,074.4
December 2019	1,227.9	-	1,227.9	11,862.0	-	11,862.0
South Carolina						
December 2020	655.8	-	655.8	6,374.9	-	6,374.9
November 2020	679.7	-	679.7	6,378.9	-	6,378.9
December 2019	658.8	-	658.8	6,996.4	-	6,996.4
Virginia						
December 2020	288.4	630.4	918.7	3,536.8	3,964.7	7,501.5
November 2020	303.7	651.5	955.3	3,637.1	3,973.7	7,610.8
December 2019	290.8	730.2	1,021.0	3,871.9	4,681.3	8,553.2
West Virginia						
December 2020	98.1	-	98.1	1,664.4	-	1,664.4
November 2020	95.1	-	95.1	1,704.0	-	1,704.0
December 2019	112.1	-	112.1	1,995.2	-	1,995.2
PAD District 2						
December 2020	5,951.1	1,404.1	7,355.1	75,691.0	12,874.4	88,565.4
November 2020	6,245.8	1,381.2	7,627.0	76,057.8	12,298.8	88,356.6
December 2019	6,008.1	1,449.6	7,457.7	84,412.3	14,588.5	99,000.8
Illinois						
December 2020	241.3	825.6	1,066.9	3,767.8	6,750.0	10,517.8
November 2020	248.6	806.5	1,055.1	3,748.2	6,418.6	10,166.8
December 2019	243.4	892.5	1,135.9	4,473.8	7,996.9	12,470.7
Indiana						
December 2020	422.5	103.6	526.1	6,420.5	1,072.8	7,493.3
November 2020	457.8	104.0	561.8	6,427.6	1,045.8	7,473.4
December 2019	423.3	96.9	520.2	6,978.3	1,143.4	8,121.6
Iowa						
December 2020	261.3	-	261.3	3,271.1	-	3,271.1
November 2020	253.1	-	253.1	3,084.8	-	3,084.8
December 2019	246.2	-	246.2	3,801.3	-	3,801.3
Kansas						
December 2020	382.1	-	382.1	4,107.9	-	4,107.9
November 2020	362.0	-	362.0	3,969.0	-	3,969.0
December 2019	330.1	-	330.1	4,264.4	-	4,264.4
Kentucky						
December 2020	254.5	59.5	314.1	4,152.1	781.8	4,933.9
November 2020	270.7	58.3	329.0	4,234.7	752.4	4,987.1
December 2019	248.3	67.5	315.8	4,580.6	765.3	5,345.9
Michigan						
December 2020	643.6	-	643.6	10,440.1	-	10,440.1
November 2020	711.2	-	711.2	10,743.6	-	10,743.6
December 2019	644.3	-	644.3	12,111.2	-	12,111.2
Minnesota						
December 2020	480.8	-	480.8	5,086.6	-	5,086.6
November 2020	498.2	-	498.2	5,084.5	-	5,084.5
December 2019	573.8	-	573.8	6,100.3	-	6,100.3
Missouri						
December 2020	392.6	231.6	624.2	5,232.8	2,337.3	7,570.0
November 2020	404.1	238.4	642.5	5,199.2	2,299.0	7,498.2
December 2019	358.2	229.1	587.3	5,361.1	2,582.6	7,943.7

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 2 (cont.)						
Nebraska						
December 2020	1,801.6	-	1,801.6	28.3	-	28.3
November 2020	1,752.6	-	1,752.6	30.5	-	30.5
December 2019	1,999.0	-	1,999.0	37.1	-	37.1
North Dakota						
December 2020	755.4	-	755.4	19.3	-	19.3
November 2020	729.6	-	729.6	17.4	-	17.4
December 2019	860.3	-	860.3	22.8	-	22.8
Ohio						
December 2020	10,812.3	-	10,812.3	110.6	-	110.6
November 2020	11,069.0	-	11,069.0	119.3	-	119.3
December 2019	12,782.9	-	12,782.9	131.5	-	131.5
Oklahoma						
December 2020	4,420.5	-	4,420.5	61.8	-	61.8
November 2020	4,514.1	-	4,514.1	63.0	-	63.0
December 2019	4,661.4	-	4,661.4	64.6	-	64.6
South Dakota						
December 2020	944.7	-	944.7	16.5	-	16.5
November 2020	896.9	-	896.9	16.2	-	16.2
December 2019	1,038.1	-	1,038.1	19.4	-	19.4
Tennessee						
December 2020	7,745.4	-	7,745.4	124.4	-	124.4
November 2020	7,734.3	-	7,734.3	129.6	-	129.6
December 2019	8,145.3	-	8,145.3	153.9	-	153.9
Wisconsin						
December 2020	3,471.9	1,734.1	5,206.1	27.1	14.7	41.8
November 2020	3,425.9	1,595.2	5,021.0	27.6	13.9	41.6
December 2019	3,850.7	1,919.9	5,770.6	33.9	16.9	50.8
PAD District 3						
December 2020	37,652.3	14,352.5	52,004.8	509.8	234.4	744.1
November 2020	37,276.1	14,385.4	51,661.5	502.4	239.6	741.9
December 2019	43,345.6	15,487.5	58,833.1	524.6	248.8	773.4
Alabama						
December 2020	5,849.7	-	5,849.7	69.2	-	69.2
November 2020	5,854.9	-	5,854.9	72.2	-	72.2
December 2019	6,131.0	-	6,131.0	79.5	-	79.5
Arkansas						
December 2020	3,272.3	-	3,272.3	38.1	-	38.1
November 2020	3,350.1	-	3,350.1	40.0	-	40.0
December 2019	3,460.2	-	3,460.2	38.9	-	38.9
Louisiana						
December 2020	6,035.0	-	6,035.0	48.6	-	48.6
November 2020	6,057.7	-	6,057.7	54.7	-	54.7
December 2019	6,505.4	-	6,505.4	47.2	-	47.2
Mississippi						
December 2020	3,446.1	-	3,446.1	41.6	-	41.6
November 2020	3,386.4	-	3,386.4	45.1	-	45.1
December 2019	3,641.6	-	3,641.6	47.9	-	47.9
New Mexico						
December 2020	1,862.2	-	1,862.2	92.7	-	92.7
November 2020	1,819.0	-	1,819.0	70.6	-	70.6
December 2019	2,294.7	-	2,294.7	74.5	-	74.5
Texas						
December 2020	17,187.1	14,352.5	31,539.6	219.5	234.4	453.9
November 2020	16,808.1	14,385.4	31,193.5	219.7	239.6	459.3
December 2019	21,312.7	15,487.5	36,800.3	236.6	248.8	485.4

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 2 (cont.)						
Nebraska						
December 2020	219.6	-	219.6	2,049.5	-	2,049.5
November 2020	224.9	-	224.9	2,008.0	-	2,008.0
December 2019	212.3	-	212.3	2,248.4	-	2,248.4
North Dakota						
December 2020	98.5	-	98.5	873.1	-	873.1
November 2020	94.6	-	94.6	841.6	-	841.6
December 2019	96.6	-	96.6	979.7	-	979.7
Ohio						
December 2020	772.0	-	772.0	11,694.8	-	11,694.8
November 2020	849.5	-	849.5	12,037.8	-	12,037.8
December 2019	839.2	-	839.2	13,753.6	-	13,753.6
Oklahoma						
December 2020	507.5	-	507.5	4,989.8	-	4,989.8
November 2020	550.9	-	550.9	5,128.1	-	5,128.1
December 2019	550.9	-	550.9	5,276.9	-	5,276.9
South Dakota						
December 2020	107.5	-	107.5	1,068.6	-	1,068.6
November 2020	106.6	-	106.6	1,019.7	-	1,019.7
December 2019	100.7	-	100.7	1,158.1	-	1,158.1
Tennessee						
December 2020	865.9	-	865.9	8,735.6	-	8,735.6
November 2020	892.5	-	892.5	8,756.5	-	8,756.5
December 2019	824.5	-	824.5	9,123.6	-	9,123.6
Wisconsin						
December 2020	301.5	183.6	485.1	3,800.5	1,932.5	5,733.0
November 2020	321.0	174.0	495.0	3,774.5	1,783.1	5,557.6
December 2019	316.4	163.5	479.9	4,201.0	2,100.3	6,301.3
PAD District 3						
December 2020	3,889.3	2,421.7	6,311.0	42,051.4	17,008.5	59,059.9
November 2020	4,017.0	2,484.6	6,501.6	41,795.5	17,109.5	58,905.0
December 2019	3,847.4	2,334.8	6,182.2	47,717.6	18,071.1	65,788.8
Alabama						
December 2020	591.9	-	591.9	6,510.8	-	6,510.8
November 2020	615.9	-	615.9	6,542.9	-	6,542.9
December 2019	544.9	-	544.9	6,755.4	-	6,755.4
Arkansas						
December 2020	319.5	-	319.5	3,629.9	-	3,629.9
November 2020	345.8	-	345.8	3,736.0	-	3,736.0
December 2019	293.2	-	293.2	3,792.3	-	3,792.3
Louisiana						
December 2020	611.1	-	611.1	6,694.7	-	6,694.7
November 2020	631.1	-	631.1	6,743.5	-	6,743.5
December 2019	557.3	-	557.3	7,109.9	-	7,109.9
Mississippi						
December 2020	330.9	-	330.9	3,818.6	-	3,818.6
November 2020	330.8	-	330.8	3,762.3	-	3,762.3
December 2019	297.5	-	297.5	3,986.9	-	3,986.9
New Mexico						
December 2020	284.9	-	284.9	2,239.8	-	2,239.8
November 2020	286.9	-	286.9	2,176.5	-	2,176.5
December 2019	303.8	-	303.8	2,673.0	-	2,673.0
Texas						
December 2020	1,751.0	2,421.7	4,172.7	19,157.6	17,008.5	36,166.2
November 2020	1,806.5	2,484.6	4,291.1	18,834.3	17,109.5	35,943.8
December 2019	1,850.8	2,334.8	4,185.6	23,400.2	18,071.1	41,471.3

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 4						
December 2020	10,328.5	-	10,328.5	219.3	-	219.3
November 2020	10,002.8	-	10,002.8	214.9	-	214.9
December 2019	11,451.7	-	11,451.7	258.6	-	258.6
Colorado						
December 2020	4,208.7	-	4,208.7	89.6	-	89.6
November 2020	4,153.3	-	4,153.3	91.8	-	91.8
December 2019	4,912.4	-	4,912.4	102.2	-	102.2
Idaho						
December 2020	1,572.1	-	1,572.1	9.5	-	9.5
November 2020	1,535.1	-	1,535.1	9.1	-	9.1
December 2019	1,643.9	-	1,643.9	13.1	-	13.1
Montana						
December 2020	1,339.7	-	1,339.7	57.2	-	57.2
November 2020	1,358.8	-	1,358.8	57.5	-	57.5
December 2019	1,397.2	-	1,397.2	62.8	-	62.8
Utah						
December 2020	2,588.5	-	2,588.5	46.4	-	46.4
November 2020	2,384.4	-	2,384.4	42.5	-	42.5
December 2019	2,782.8	-	2,782.8	61.0	-	61.0
Wyoming						
December 2020	619.5	-	619.5	16.7	-	16.7
November 2020	571.3	-	571.3	14.1	-	14.1
December 2019	715.4	-	715.4	19.5	-	19.5
PAD District 5						
December 2020	13,928.5	25,597.4	39,526.0	227.9	654.3	882.2
November 2020	13,959.8	27,038.3	40,998.1	239.9	695.8	935.7
December 2019	16,694.1	32,612.5	49,306.6	282.4	809.1	1,091.5
Alaska						
December 2020	415.5	-	415.5	W	-	W
November 2020	472.2	-	472.2	W	-	W
December 2019	556.9	-	556.9	W	-	W
Arizona						
December 2020	2,508.6	3,487.8	5,996.4	W	W	116.2
November 2020	W	W	6,237.5	W	W	120.3
December 2019	2,842.7	4,214.4	7,057.1	W	W	123.8
California						
December 2020	-	22,109.6	22,109.6	-	W	584.8
November 2020	-	23,363.8	23,363.8	-	W	623.4
December 2019	-	28,398.1	28,398.1	-	W	738.1
Hawaii						
December 2020	NA	-	NA	60.0	-	60.0
November 2020	939.7	-	939.7	W	-	W
December 2019	957.3	-	957.3	W	-	W
Nevada						
December 2020	2,045.4	-	2,045.4	W	-	W
November 2020	W	W	2,001.0	35.6	-	35.6
December 2019	2,499.0	-	2,499.0	47.4	-	47.4
Oregon						
December 2020	3,078.2	-	3,078.2	18.6	-	18.6
November 2020	3,093.6	-	3,093.6	20.8	-	20.8
December 2019	3,625.9	-	3,625.9	23.2	-	23.2
Washington						
December 2020	4,940.6	-	4,940.6	51.5	-	51.5
November 2020	4,890.2	-	4,890.2	58.9	-	58.9
December 2019	6,212.4	-	6,212.4	75.5	-	75.5

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						
December 2020	2,555.2	-	2,555.2	13,103.0	-	13,103.0
November 2020	2,497.9	-	2,497.9	12,715.6	-	12,715.6
December 2019	2,533.9	-	2,533.9	14,244.2	-	14,244.2
Colorado						
December 2020	999.5	-	999.5	5,297.8	-	5,297.8
November 2020	1,000.2	-	1,000.2	5,245.3	-	5,245.3
December 2019	1,059.1	-	1,059.1	6,073.7	-	6,073.7
Idaho						
December 2020	318.5	-	318.5	1,900.0	-	1,900.0
November 2020	308.4	-	308.4	1,852.5	-	1,852.5
December 2019	269.2	-	269.2	1,926.2	-	1,926.2
Montana						
December 2020	271.1	-	271.1	1,668.0	-	1,668.0
November 2020	291.4	-	291.4	1,707.7	-	1,707.7
December 2019	246.2	-	246.2	1,706.2	-	1,706.2
Utah						
December 2020	828.1	-	828.1	3,463.0	-	3,463.0
November 2020	767.2	-	767.2	3,194.1	-	3,194.1
December 2019	811.3	-	811.3	3,655.2	-	3,655.2
Wyoming						
December 2020	138.0	-	138.0	774.1	-	774.1
November 2020	130.7	-	130.7	716.0	-	716.0
December 2019	148.1	-	148.1	883.0	-	883.0
PAD District 5						
December 2020	2,949.7	7,797.6	10,747.4	17,106.2	34,049.3	51,155.5
November 2020	2,939.2	8,363.8	11,303.0	17,138.9	36,097.9	53,236.7
December 2019	3,014.6	8,553.8	11,568.4	19,991.1	41,975.4	61,966.5
Alaska						
December 2020	W	-	W	482.5	-	482.5
November 2020	W	-	W	550.0	-	550.0
December 2019	W	-	W	631.7	-	631.7
Arizona						
December 2020	W	W	950.4	2,969.2	4,093.7	7,062.9
November 2020	W	W	1,009.8	W	W	7,367.7
December 2019	W	W	946.6	W	W	8,127.5
California						
December 2020	-	W	7,261.2	-	29,955.6	29,955.6
November 2020	-	W	7,784.5	-	31,771.7	31,771.7
December 2019	-	W	8,033.8	-	37,170.0	37,170.0
Hawaii						
December 2020	289.1	-	289.1	NA	-	NA
November 2020	W	-	W	1,274.6	-	1,274.6
December 2019	W	-	W	1,253.4	-	1,253.4
Nevada						
December 2020	W	-	W	2,704.7	-	2,704.7
November 2020	600.7	-	600.7	W	W	2,637.3
December 2019	W	W	624.8	W	W	3,171.2
Oregon						
December 2020	466.1	-	466.1	3,563.0	-	3,563.0
November 2020	471.4	-	471.4	3,585.9	-	3,585.9
December 2019	473.9	-	473.9	4,123.0	-	4,123.0
Washington						
December 2020	1,105.4	-	1,105.4	6,097.5	-	6,097.5
November 2020	1,100.5	-	1,100.5	6,049.6	-	6,049.6
December 2019	1,201.8	-	1,201.8	7,489.7	-	7,489.7

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 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							
December 2020	366.5	43,370.4	291.1	38,487.4	5,092.5	2,958.3	8,050.8
November 2020	390.3	41,835.8	261.0	30,826.9	5,382.0	3,042.1	8,424.1
December 2019	323.8	66,146.0	W	43,468.7	6,048.4	4,857.3	10,905.6
PAD District 1							
December 2020	125.8	8,529.4	291.1	10,032.5	1,231.5	845.4	2,076.9
November 2020	121.9	7,496.1	261.0	7,445.1	1,337.2	763.7	2,100.9
December 2019	109.8	15,300.2	W	11,553.3	1,842.1	1,440.4	3,282.5
Subdistrict 1A							
December 2020	10.3	788.4	W	2,152.2	W	W	W
November 2020	15.4	714.7	W	1,511.3	W	W	48.9
December 2019	9.0	1,497.3	W	2,533.3	W	W	W
Connecticut							
December 2020	0.8	92.6	-	190.1	-	-	-
November 2020	2.4	104.1	-	133.6	W	-	W
December 2019	1.1	198.7	-	243.2	W	-	W
Maine							
December 2020	W	70.8	-	518.1	W	W	W
November 2020	2.1	72.8	-	425.5	W	W	W
December 2019	1.4	89.4	-	722.0	W	W	W
Massachusetts							
December 2020	6.3	542.2	W	408.3	W	-	W
November 2020	7.6	457.2	-	267.6	W	W	8.3
December 2019	3.5	1,060.6	W	403.3	W	-	W
New Hampshire							
December 2020	1.9	33.6	W	581.9	W	-	W
November 2020	2.2	36.6	W	419.7	W	-	W
December 2019	W	49.6	W	659.5	W	-	W
Rhode Island							
December 2020	W	16.8	W	50.5	W	-	W
November 2020	W	25.7	W	34.9	W	-	W
December 2019	W	72.4	-	50.5	W	-	W
Vermont							
December 2020	W	32.4	W	403.2	W	-	W
November 2020	W	18.3	W	230.0	W	-	W
December 2019	W	26.5	W	454.8	W	-	W
Subdistrict 1B							
December 2020	20.6	3,847.4	W	3,883.6	W	W	1,910.9
November 2020	24.5	3,323.5	W	3,051.8	1,297.3	713.9	2,011.2
December 2019	16.3	8,359.3	W	4,850.9	1,485.8	1,089.5	2,575.4
Delaware							
December 2020	0.8	9.5	-	188.0	W	-	W
November 2020	0.3	11.0	-	141.0	-	-	-
December 2019	W	16.3	-	305.5	W	W	140.4
District of Columbia							
December 2020	-	-	-	-	-	-	-
November 2020	-	-	-	-	-	-	-
December 2019	-	-	-	-	-	-	-
Maryland							
December 2020	4.5	141.5	-	308.4	-	-	-
November 2020	3.7	143.2	-	238.1	-	-	-
December 2019	W	182.4	-	508.0	-	W	W
New Jersey							
December 2020	4.2	990.3	W	245.6	W	W	1,300.4
November 2020	5.1	700.1	W	238.7	W	W	1,394.7
December 2019	3.6	2,379.3	W	273.8	W	292.7	W
New York							
December 2020	5.8	2,156.8	232.5	1,483.7	W	W	592.9
November 2020	7.6	1,946.6	178.7	1,103.2	539.9	W	W
December 2019	4.7	3,551.0	W	1,858.6	W	W	865.9
Pennsylvania							
December 2020	5.2	549.2	-	1,657.9	W	-	W
November 2020	7.7	522.7	-	1,330.8	W	-	W
December 2019	5.9	2,230.3	-	1,905.0	W	-	W

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil		Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%	
Subdistrict 1C							
December 2020	94.9	3,893.6	-	3,996.7	-	W	W
November 2020	82.0	3,457.9	-	2,882.0	W	W	40.8
December 2019	84.5	5,443.6	-	4,169.1	W	W	W
Florida							
December 2020	55.3	2,731.5	-	689.4	-	45.4	45.4
November 2020	45.3	2,297.8	-	527.5	-	W	W
December 2019	51.8	3,339.4	-	659.8	-	168.8	168.8
Georgia							
December 2020	15.5	282.1	-	719.5	-	W	W
November 2020	12.3	291.3	-	502.6	W	W	4.3
December 2019	11.5	430.3	-	571.5	W	W	136.8
North Carolina							
December 2020	9.6	243.7	-	1,301.8	-	W	W
November 2020	10.6	241.4	-	806.8	-	W	W
December 2019	8.5	405.7	-	1,267.8	-	W	W
South Carolina							
December 2020	6.1	169.6	-	520.3	-	W	W
November 2020	W	160.7	-	310.3	-	W	W
December 2019	5.9	253.5	-	541.4	-	W	W
Virginia							
December 2020	7.5	452.8	-	614.5	-	-	-
November 2020	7.1	449.6	-	429.0	-	-	-
December 2019	6.2	994.4	-	832.1	W	-	W
West Virginia							
December 2020	0.9	13.8	-	151.3	-	-	-
November 2020	W	17.1	-	305.8	-	-	-
December 2019	0.5	20.3	-	296.5	-	-	-
PAD District 2							
December 2020	74.2	9,279.0	-	14,168.1	-	94.5	94.5
November 2020	92.4	8,477.0	-	10,077.1	-	78.0	78.0
December 2019	70.4	11,319.6	-	16,526.2	W	W	98.7
Illinois							
December 2020	7.5	2,343.6	-	1,720.2	-	-	-
November 2020	8.1	2,198.5	-	1,212.2	-	-	-
December 2019	6.0	2,871.9	-	1,878.3	-	-	-
Indiana							
December 2020	4.6	790.6	-	880.0	-	W	W
November 2020	6.5	715.5	-	579.9	-	W	W
December 2019	4.6	1,109.8	-	826.7	-	W	W
Iowa							
December 2020	4.4	71.6	-	1,429.8	-	-	-
November 2020	3.5	61.6	-	785.2	-	-	-
December 2019	4.6	97.8	-	2,036.9	-	-	-
Kansas							
December 2020	3.1	120.1	-	1,379.7	-	-	-
November 2020	5.2	106.7	-	1,141.8	-	-	-
December 2019	5.7	127.0	-	1,050.3	-	-	-
Kentucky							
December 2020	3.3	1,877.7	-	443.3	-	-	-
November 2020	4.4	1,512.9	-	239.9	-	-	-
December 2019	3.3	2,026.5	-	507.3	-	-	-
Michigan							
December 2020	5.2	529.2	-	1,264.1	-	W	W
November 2020	7.9	526.1	-	972.9	-	W	W
December 2019	5.6	602.2	-	1,591.5	-	W	W
Minnesota							
December 2020	6.3	246.2	-	1,370.9	-	W	W
November 2020	6.7	233.0	-	1,042.6	-	W	W
December 2019	3.3	382.7	-	1,824.0	-	W	W
Missouri							
December 2020	7.9	253.1	-	1,274.2	-	-	-
November 2020	6.8	244.6	-	706.1	-	-	-
December 2019	6.6	366.4	-	1,319.2	-	-	-

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							
December 2020	3.0	102.7	-	319.6	-	-	-
November 2020	4.0	87.9	-	208.5	-	-	-
December 2019	2.6	155.2	-	443.3	-	-	-
North Dakota							
December 2020	3.5	89.8	-	593.3	-	-	-
November 2020	5.4	100.2	-	682.8	-	-	-
December 2019	3.0	87.8	-	1,091.0	-	-	-
Ohio							
December 2020	5.3	590.9	-	1,091.5	-	-	-
November 2020	10.7	634.7	-	842.1	-	-	-
December 2019	7.1	1,001.5	-	1,140.3	W	W	W
Oklahoma							
December 2020	5.9	368.2	-	395.8	-	-	-
November 2020	5.6	340.3	-	278.2	-	-	-
December 2019	5.7	735.2	-	400.5	-	W	W
South Dakota							
December 2020	2.6	55.0	-	252.0	-	W	W
November 2020	2.3	W	-	114.1	-	W	W
December 2019	1.6	49.6	-	353.0	-	W	W
Tennessee							
December 2020	6.7	1,719.5	-	387.2	-	W	W
November 2020	11.2	W	-	285.2	-	W	W
December 2019	7.1	1,509.8	-	386.6	-	-	-
Wisconsin							
December 2020	4.9	120.8	-	1,366.4	-	W	W
November 2020	4.1	115.9	-	985.6	-	W	W
December 2019	3.5	196.4	-	1,677.3	-	W	W
PAD District 3							
December 2020	66.8	10,546.4	-	9,936.8	1,657.7	1,103.3	2,761.0
November 2020	67.9	10,370.7	-	9,569.1	2,026.5	998.8	3,025.3
December 2019	61.0	16,564.3	-	10,991.7	W	W	3,050.2
Alabama							
December 2020	7.5	111.8	-	395.1	W	W	W
November 2020	6.6	142.6	-	290.3	W	W	76.9
December 2019	4.5	245.7	-	427.7	W	12.4	W
Arkansas							
December 2020	4.6	104.6	-	333.2	-	-	-
November 2020	4.7	110.9	-	227.6	-	-	-
December 2019	4.3	142.2	-	333.2	-	-	-
Louisiana							
December 2020	5.8	1,789.0	-	1,074.1	W	W	599.5
November 2020	6.5	1,440.0	-	926.1	W	W	1,323.5
December 2019	4.2	1,854.8	-	988.0	W	W	840.5
Mississippi							
December 2020	4.1	361.9	-	450.6	W	-	W
November 2020	4.3	245.4	-	268.9	-	-	-
December 2019	2.6	1,531.0	-	385.4	-	W	W
New Mexico							
December 2020	3.1	71.5	-	279.8	-	-	-
November 2020	4.4	79.5	-	191.5	-	-	-
December 2019	5.3	113.0	-	271.0	-	-	-
Texas							
December 2020	41.6	8,107.5	-	7,404.0	1,198.7	922.7	2,121.4
November 2020	41.3	8,352.4	-	7,664.5	934.7	690.3	1,625.0
December 2019	40.0	12,677.6	-	8,586.4	688.7	1,483.7	2,172.5

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							
December 2020	23.8	1,530.6	-	1,374.2	-	-	-
November 2020	27.3	1,348.4	-	1,184.5	-	-	-
December 2019	19.4	2,101.9	-	1,410.2	-	-	-
Colorado							
December 2020	9.7	736.4	-	468.6	-	-	-
November 2020	10.3	547.2	-	405.7	-	-	-
December 2019	7.5	1,106.4	-	443.7	-	-	-
Idaho							
December 2020	W	72.2	-	155.8	-	-	-
November 2020	4.9	74.9	-	106.2	-	-	-
December 2019	3.0	105.0	-	153.2	-	-	-
Montana							
December 2020	4.4	115.7	-	347.5	-	-	-
November 2020	3.8	78.1	-	296.5	-	-	-
December 2019	3.9	130.7	-	338.5	-	-	-
Utah							
December 2020	5.1	545.8	-	167.0	-	-	-
November 2020	6.3	597.3	-	124.3	-	-	-
December 2019	3.3	671.6	-	128.2	-	-	-
Wyoming							
December 2020	W	60.5	-	235.4	-	-	-
November 2020	2.0	50.9	-	251.8	-	-	-
December 2019	1.7	88.3	-	346.7	-	-	-
PAD District 5							
December 2020	76.0	13,484.9	-	2,975.7	2,203.3	915.2	3,118.4
November 2020	80.8	14,143.6	-	2,551.0	2,018.3	1,201.6	3,219.9
December 2019	63.3	20,860.0	-	2,987.3	3,214.4	1,259.9	4,474.3
Alaska							
December 2020	W	1,905.8	-	W	-	-	-
November 2020	W	2,168.9	-	W	-	-	-
December 2019	W	1,976.0	-	W	-	-	-
Arizona							
December 2020	19.1	434.3	-	266.2	-	-	-
November 2020	18.7	441.8	-	211.2	-	-	-
December 2019	17.5	612.5	-	288.6	-	-	-
California							
December 2020	39.8	7,637.1	-	1,677.8	729.7	639.6	1,369.3
November 2020	42.2	8,452.4	-	1,434.9	820.7	864.8	1,685.5
December 2019	30.6	12,550.0	-	1,645.1	1,806.1	751.2	2,557.3
Hawaii							
December 2020	W	1,213.2	-	W	W	W	W
November 2020	W	1,044.8	-	W	W	W	W
December 2019	W	1,898.6	-	W	W	W	W
Nevada							
December 2020	5.5	381.9	-	138.9	-	-	-
November 2020	3.7	399.7	-	90.4	-	-	-
December 2019	3.0	618.8	-	136.5	-	-	-
Oregon							
December 2020	4.3	356.2	-	213.0	W	-	W
November 2020	5.7	280.5	-	165.8	W	-	W
December 2019	3.6	527.9	-	235.5	-	W	W
Washington							
December 2020	5.7	1,556.3	-	622.7	W	W	742.5
November 2020	8.5	1,355.5	-	598.8	W	W	738.1
December 2019	6.0	2,676.2	-	628.5	W	W	903.8

- = 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 2020 are final. Totals may not equal the sum of the components due to rounding.

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

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

thousand gallons per day

Geographic area month	No. 2 distillate							Total distillate and kerosene
	Kerosene	No. 1 distillate	No. 2 fuel oil	No. 2 diesel fuel			No. 2 distillate	
				Ultra-low sulfur	Low-sulfur	High-sulfur		
United States								
December 2020	1,104.8	2,434.4	14,453.7	151,225.8	W	W	166,374.3	170,204.6
November 2020	856.7	1,900.1	8,967.0	154,613.4	W	W	164,566.7	167,584.5
December 2019	W	2,928.2	14,571.7	147,349.1	W	W	163,684.8	168,173.3
PAD District 1								
December 2020	500.1	83.0	13,311.1	W	-	W	55,223.2	56,097.5
November 2020	295.3	47.2	7,816.5	W	-	W	48,164.1	48,767.5
December 2019	572.5	W	14,158.3	39,401.6	-	306.2	53,866.1	54,836.9
Subdistrict 1A								
December 2020	W	W	6,088.7	W	-	W	9,993.5	10,211.7
November 2020	121.4	W	3,609.8	W	-	W	7,208.0	7,355.1
December 2019	200.2	W	6,616.9	W	-	W	10,465.0	10,726.6
Connecticut								
December 2020	W	W	1,476.4	929.3	-	-	2,405.6	2,422.7
November 2020	W	W	798.5	880.7	-	-	1,679.3	1,686.6
December 2019	4.4	19.9	1,545.5	769.0	-	-	2,314.5	2,338.8
Maine								
December 2020	W	W	1,204.2	694.7	-	-	1,899.0	2,026.9
November 2020	W	W	708.4	595.3	-	-	1,303.7	1,378.1
December 2019	W	W	1,285.6	664.1	-	-	1,949.7	2,089.5
Massachusetts								
December 2020	11.4	W	1,582.4	W	-	W	2,945.8	2,965.5
November 2020	15.7	5.2	1,014.2	W	-	W	2,311.0	2,331.9
December 2019	16.1	W	1,861.9	W	-	W	3,418.7	3,448.0
New Hampshire								
December 2020	20.6	W	824.8	337.5	-	-	1,162.4	1,193.1
November 2020	17.4	W	515.6	344.4	-	-	860.0	884.7
December 2019	24.4	W	860.4	338.5	-	-	1,198.8	1,238.7
Rhode Island								
December 2020	1.7	W	615.6	W	-	W	1,019.4	1,022.7
November 2020	1.2	W	306.8	294.2	-	-	601.0	602.6
December 2019	W	W	612.8	342.5	-	-	955.3	957.6
Vermont								
December 2020	12.0	W	385.3	175.9	-	-	561.3	580.8
November 2020	11.8	W	266.2	186.9	-	-	453.1	471.2
December 2019	19.8	W	450.7	177.2	-	-	627.9	653.9
Subdistrict 1B								
December 2020	203.9	W	7,116.6	W	-	W	21,635.9	22,166.7
November 2020	W	21.6	4,138.1	W	-	W	17,918.3	18,312.9
December 2019	278.8	W	7,363.4	W	-	W	21,498.1	22,099.1
Delaware								
December 2020	W	W	W	415.6	-	W	475.5	478.7
November 2020	2.0	-	W	W	-	-	495.3	497.3
December 2019	3.5	-	W	239.7	-	W	273.5	276.9
District of Columbia								
December 2020	-	-	W	W	-	-	32.0	32.0
November 2020	-	-	W	W	-	-	26.8	26.8
December 2019	-	-	W	W	-	-	49.0	49.0
Maryland								
December 2020	19.8	-	531.8	1,744.0	-	-	2,275.8	2,295.6
November 2020	10.9	-	227.7	W	-	W	1,989.8	2,000.7
December 2019	W	W	517.0	W	-	W	2,348.8	2,371.5
New Jersey								
December 2020	W	W	1,148.3	W	-	W	4,755.3	4,818.3
November 2020	W	-	899.2	W	-	W	4,157.9	4,239.0
December 2019	W	W	1,609.9	W	-	W	5,082.7	5,092.1
New York								
December 2020	129.7	29.2	3,500.4	W	-	W	6,753.3	7,144.6
November 2020	76.3	19.9	1,953.3	W	-	W	5,099.4	5,374.3
December 2019	171.6	W	3,498.9	W	-	W	6,882.1	7,367.4
Pennsylvania								
December 2020	49.1	4.5	1,872.0	W	-	W	7,344.0	7,397.5
November 2020	24.1	1.7	1,045.2	W	-	W	6,149.1	6,174.9
December 2019	77.7	2.4	1,702.9	W	-	W	6,862.0	6,942.1

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		
Subdistrict 1C								
December 2020	W	W	105.8	W	-	W	23,593.8	23,719.0
November 2020	W	W	68.7	W	-	W	23,037.8	23,099.5
December 2019	93.4	14.7	178.0	W	-	W	21,903.1	22,011.2
Florida								
December 2020	0.9	-	-	W	-	W	6,475.0	6,476.0
November 2020	0.9	-	-	W	-	W	6,245.1	6,246.0
December 2019	0.9	-	-	W	-	W	6,246.7	6,247.6
Georgia								
December 2020	W	W	-	W	-	W	5,115.3	5,121.3
November 2020	4.5	-	-	5,111.7	-	-	5,111.7	5,116.2
December 2019	W	W	-	W	-	W	4,561.6	4,565.5
North Carolina								
December 2020	65.7	-	W	W	-	-	3,996.4	4,062.1
November 2020	W	W	W	3,929.4	-	W	3,947.4	3,978.7
December 2019	W	W	W	3,511.7	-	W	3,529.6	3,583.6
South Carolina								
December 2020	12.9	-	W	2,910.5	-	W	2,916.4	2,929.3
November 2020	4.5	-	W	W	-	-	2,854.2	2,858.6
December 2019	9.5	-	W	W	-	-	2,678.0	2,687.5
Virginia								
December 2020	30.6	-	42.3	3,959.1	-	-	4,001.4	4,032.0
November 2020	13.4	-	27.6	3,788.4	-	-	3,816.0	3,829.4
December 2019	W	W	130.0	W	-	W	3,671.5	3,699.1
West Virginia								
December 2020	7.4	1.7	38.5	1,050.7	-	-	1,089.2	1,098.4
November 2020	W	W	23.9	1,039.5	-	-	1,063.4	1,070.5
December 2019	W	W	31.2	1,184.4	-	-	1,215.6	1,227.8
PAD District 2								
December 2020	125.5	1,688.9	33.8	W	W	-	45,979.4	47,793.7
November 2020	89.5	1,210.0	41.0	W	W	-	49,428.6	50,728.0
December 2019	114.7	2,107.3	37.6	W	-	W	44,564.8	46,786.8
Illinois								
December 2020	10.4	86.9	-	5,153.6	-	-	5,153.6	5,250.9
November 2020	15.9	37.0	-	5,720.1	-	-	5,720.1	5,773.0
December 2019	10.4	101.9	-	5,339.2	-	-	5,339.2	5,451.4
Indiana								
December 2020	20.9	16.7	-	4,124.6	-	-	4,124.6	4,162.1
November 2020	15.2	10.4	-	4,250.4	-	-	4,250.4	4,276.1
December 2019	18.1	23.4	W	4,107.3	-	W	4,108.7	4,150.2
Iowa								
December 2020	1.0	264.3	W	W	-	-	2,462.7	2,728.0
November 2020	W	W	W	W	-	-	3,035.2	3,193.0
December 2019	0.4	261.7	W	W	-	-	2,422.6	2,684.7
Kansas								
December 2020	W	W	W	W	-	-	2,704.6	2,854.3
November 2020	1.7	124.3	-	2,845.6	-	-	2,845.6	2,971.5
December 2019	3.5	139.4	-	2,459.5	-	-	2,459.5	2,602.5
Kentucky								
December 2020	W	W	-	W	W	-	2,703.9	2,727.5
November 2020	W	W	-	W	W	-	2,686.4	2,698.9
December 2019	W	W	-	W	-	W	2,393.6	2,412.8
Michigan								
December 2020	15.5	25.7	W	3,159.7	W	-	3,162.0	3,203.3
November 2020	8.2	18.9	W	3,310.2	W	-	3,312.1	3,339.1
December 2019	13.1	30.9	W	2,975.8	-	W	2,977.5	3,021.5
Minnesota								
December 2020	W	W	W	W	-	-	2,252.9	2,668.6
November 2020	6.9	285.1	W	W	-	-	2,657.0	2,949.0
December 2019	W	W	W	W	-	-	2,077.4	2,601.8
Missouri								
December 2020	1.1	31.1	W	W	-	-	4,118.6	4,150.7
November 2020	0.2	22.9	W	W	-	-	4,296.1	4,319.2
December 2019	0.8	26.7	W	W	-	-	3,799.5	3,827.0

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	No. 2 distillate							Total distillate and kerosene
	Kerosene	No. 1 distillate	No. 2 fuel oil	No. 2 diesel fuel			No. 2 distillate	
				Ultra-low sulfur	Low-sulfur	High-sulfur		
PAD District 2 (cont.)								
Nebraska								
December 2020	-	145.2	-	1,699.5	-	-	1,699.5	1,844.7
November 2020	W	W	W	W	-	-	2,049.9	2,164.4
December 2019	W	W	W	W	-	-	1,648.5	1,817.3
North Dakota								
December 2020	W	W	-	1,224.3	-	-	1,224.3	1,451.8
November 2020	W	W	-	1,360.0	-	-	1,360.0	1,562.1
December 2019	W	W	W	W	-	-	1,428.5	1,809.6
Ohio								
December 2020	25.2	18.4	-	5,437.4	-	-	5,437.4	5,481.0
November 2020	13.0	14.3	-	5,601.1	-	-	5,601.1	5,628.4
December 2019	23.5	20.5	W	W	-	-	4,973.7	5,017.7
Oklahoma								
December 2020	W	W	-	3,544.0	-	-	3,544.0	3,563.4
November 2020	W	W	-	3,712.1	-	-	3,712.1	3,735.3
December 2019	W	W	W	W	-	-	3,996.8	4,011.5
South Dakota								
December 2020	-	148.1	W	W	-	-	769.5	917.6
November 2020	W	W	W	W	-	-	963.5	1,087.3
December 2019	W	W	W	W	-	-	631.3	863.7
Tennessee								
December 2020	10.4	-	-	3,941.0	-	-	3,941.0	3,951.4
November 2020	4.9	-	-	4,026.9	-	-	4,026.9	4,031.9
December 2019	11.7	-	-	3,740.5	-	-	3,740.5	3,752.2
Wisconsin								
December 2020	2.2	155.4	W	W	-	-	2,680.8	2,838.4
November 2020	2.5	84.4	W	W	-	-	2,912.2	2,999.1
December 2019	2.8	192.7	W	W	-	-	2,567.4	2,762.9
PAD District 3								
December 2020	W	W	1,046.7	35,881.5	-	193.5	37,121.8	37,584.2
November 2020	W	W	1,041.4	37,141.1	-	240.2	38,422.7	38,880.5
December 2019	552.7	1.9	286.1	35,946.3	-	386.4	36,618.7	37,173.4
Alabama								
December 2020	W	-	-	3,076.5	-	W	W	3,132.8
November 2020	W	-	W	W	-	W	W	3,059.7
December 2019	W	-	-	2,631.0	-	W	W	2,662.3
Arkansas								
December 2020	-	W	-	W	-	-	W	2,193.8
November 2020	-	W	W	W	-	-	W	2,307.3
December 2019	W	W	W	W	-	-	1,969.7	1,970.8
Louisiana								
December 2020	W	W	-	5,073.2	-	54.0	5,127.2	5,546.1
November 2020	W	-	W	4,831.6	-	W	W	5,406.5
December 2019	W	-	-	4,388.8	-	W	W	5,044.8
Mississippi								
December 2020	W	-	-	W	-	-	W	2,122.0
November 2020	W	-	-	2,127.0	-	W	W	2,128.9
December 2019	W	-	-	W	-	-	W	1,735.7
New Mexico								
December 2020	-	W	-	W	-	-	W	2,159.8
November 2020	-	W	-	W	-	-	W	2,241.6
December 2019	-	W	-	W	-	-	W	2,024.4
Texas								
December 2020	W	W	1,046.7	21,258.1	-	W	22,427.5	22,429.6
November 2020	W	W	1,001.7	22,610.5	-	123.1	23,735.3	23,736.5
December 2019	W	W	W	23,198.3	-	W	23,732.7	23,735.5

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	No. 2 distillate							Total distillate and kerosene
	Kerosene	No. 1 distillate	No. 2 fuel oil	No. 2 diesel fuel			No. 2 distillate	
				Ultra-low sulfur	Low-sulfur	High-sulfur		
PAD District 4								
December 2020	W	W	W	W	-	-	8,598.8	8,824.6
November 2020	W	W	W	W	-	-	8,455.0	8,663.2
December 2019	W	W	W	W	-	-	8,575.1	8,876.5
Colorado								
December 2020	-	63.5	-	2,214.5	-	-	2,214.5	2,277.9
November 2020	-	53.9	-	2,167.8	-	-	2,167.8	2,221.7
December 2019	-	97.6	-	2,170.1	-	-	2,170.1	2,267.7
Idaho								
December 2020	-	14.7	W	W	-	-	1,500.3	1,515.0
November 2020	-	14.0	W	W	-	-	1,436.6	1,450.6
December 2019	-	18.5	W	W	-	-	1,456.8	1,475.3
Montana								
December 2020	-	67.4	W	W	-	-	1,454.9	1,522.3
November 2020	-	77.2	W	W	-	-	1,596.9	1,674.1
December 2019	-	101.8	W	W	-	-	1,348.7	1,450.6
Utah								
December 2020	W	W	W	W	-	-	2,160.3	2,184.0
November 2020	W	W	W	W	-	-	1,804.0	1,816.2
December 2019	W	W	-	1,956.4	-	-	1,956.4	1,979.1
Wyoming								
December 2020	-	56.5	-	W	-	-	1,268.8	1,325.3
November 2020	-	51.0	-	W	-	-	1,449.7	1,500.6
December 2019	-	60.6	-	W	-	-	1,643.1	1,703.7
PAD District 5								
December 2020	19.0	434.6	W	19,096.7	W	W	19,451.1	19,904.7
November 2020	14.8	434.0	W	19,478.6	W	W	20,096.4	20,545.2
December 2019	20.5	419.1	W	W	W	1,024.3	20,060.1	20,499.7
Alaska								
December 2020	-	W	W	W	-	-	W	W
November 2020	-	W	W	W	-	-	W	W
December 2019	-	W	W	68.5	-	-	W	W
Arizona								
December 2020	-	-	-	3,433.5	-	-	3,433.5	3,433.5
November 2020	-	-	-	3,392.0	-	-	3,392.0	3,392.0
December 2019	-	-	-	3,053.8	-	-	3,053.8	3,053.8
California								
December 2020	10.0	-	-	W	-	W	9,061.3	9,071.3
November 2020	6.4	-	-	W	-	W	9,447.4	9,453.8
December 2019	W	W	-	W	-	W	8,915.6	8,934.3
Hawaii								
December 2020	-	-	-	380.8	W	W	W	W
November 2020	-	-	-	NA	W	W	W	W
December 2019	-	-	-	349.3	W	W	W	W
Nevada								
December 2020	W	W	W	W	-	-	1,328.0	1,335.4
November 2020	W	W	W	W	-	-	1,432.6	1,441.7
December 2019	W	2.0	W	W	-	-	W	1,478.8
Oregon								
December 2020	W	W	-	W	-	W	2,073.1	2,092.8
November 2020	W	W	-	W	-	W	2,016.4	2,038.1
December 2019	-	W	-	1,980.6	-	W	W	2,020.6
Washington								
December 2020	W	9.8	W	W	-	W	W	2,819.9
November 2020	W	W	W	2,833.1	-	W	2,853.3	2,863.5
December 2019	W	W	W	3,386.4	-	W	3,739.0	3,750.8

- = 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 2020 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.