Independent Statistics & Analysis

U.S. Energy Information Administration

Petroleum Marketing Monthly

April 2022

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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 January. The average domestic crude oil first purchase price increased $9.77 (13.8%) to $80.32 per barrel.
- The average free-on-board (f.o.b.) cost of imported crude oil rose $6.95 (10.8%) to $71.51 per barrel. The average landed cost of foreign crude oil increased $6.83 (10.2%) to $73.86 per barrel.
- The average refiner acquisition cost for domestic crude oil increased $8.51 (10.6%) to $82.34 per barrel. The average cost of imported crude oil climbed $8.56 (12.5%) to $76.78 per barrel. The composite refiner acquisition cost for crude oil increased $8.09 (11.2%) to $80.07 per barrel.

Petroleum products

Motor gasoline

- The January monthly average wholesale price for refiner sales of motor gasoline rose 11.9 cents to $2.423 per gallon.
- Refiner sales of finished motor gasoline declined in January. Total refiner motor gasoline sales averaged 270.5 million gallons per day, down 26.7 million gallons per day (9.0%) from December's level. DTW sales accounted for 6.7% of wholesales, while rack and bulk sales explained 90.3% and 2.9%, respectively.

No. 2 distillate

- January monthly average prices for refiner sales of No. 2 distillates increased from December levels. The retail sales price for No. 2 diesel fuel rose 27.9 cents to $2.653 per gallon; the average wholesale price also increased 27.9 cents, rising to $2.552 per gallon. The average retail price for No. 2 fuel oil sales climbed 41.3 cents to $3.173, while the average wholesale price increased 32.7 cents to $2.438 per gallon.
- Sales of No. 2 ultra-low sulfur diesel fuel by refiners fell at wholesale, declining 8.3 million gallons per day (5.6%) to 140.8 million gallons per day.

Residual fuel oil

- Prices for refiner sales of residual fuel oil climbed in January. The average retail price for residual fuel oil rose 7.0 cents to $2.160 per gallon, while the average wholesale price increased 22.4 cents to $2.085 per gallon.
- Overall, refiner residual fuel oil sales rose in January, increasing 200,000 gallons per day (2.2%) to 9.3 million gallons per day. Retail sales climbed 700,000 gallons per day (36.8%), while wholesale fell 500,000 gallons per day (6.9%).

Other products

- After declining last month, monthly average prices for refiner sales of propane, kerosene-type jet fuel, No. 1 distillate, and kerosene increased at both the retail and wholesale levels in January. The wholesale price for aviation gasoline also rose in January.
- Refiner sales data for the remaining surveyed products show mixed trends in January. Sales of propane, kerosene, and No. 1 distillate increased at the retail and wholesale levels, while kerosene-type jet fuel declined in both sales categories. Sales of aviation gasoline also fell at the wholesale level in January.

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

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

	Sales to end users						Sales for resale					
	January 2022		December 2021		January 2021		January 2022		December 2021		January 2021	
Products	**Price**	**Volume**	**Price**	**Volume**	**Price**	**Volume**	**Price**	**Volume**	**Price**	**Volume**	**Price**	**Volume**
Motor gasoline	3.145	5.3	3.283	4.4	1.986	18.1	2.423	265.2	2.304	292.8	1.575	246.5
Conventional	2.803	2.4	2.855	W	1.828	11.3	2.346	182.7	2.215	201.2	1.519	171.2
Regular	2.739	2.1	2.786	W	1.769	9.9	2.310	162.5	2.180	179.1	1.485	150.7
Midgrade	3.035	0.1	3.114	W	2.059	0.6	2.512	0.8	2.355	0.9	1.676	0.9
Premium	3.345	0.2	W	W	2.366	0.8	2.642	19.3	2.508	21.1	1.774	19.6
Reformulated	3.438	2.9	W	W	2.251	6.8	2.594	82.5	2.500	91.6	1.703	75.3
Regular	3.292	1.9	W	W	2.121	4.8	2.531	68.3	2.435	75.9	1.645	61.5
Midgrade	3.607	0.3	W	W	2.451	0.7	2.831	0.3	2.721	0.3	1.882	0.3
Premium	3.817	0.6	W	W	2.638	1.2	2.896	13.9	2.817	15.5	1.964	13.4
Aviation gasoline	3.689	0.0	W	W	2.829	0.0	3.376	0.3	3.154	0.4	2.482	0.4
Kerosene-type jet fuel	2.451	29.6	2.168	32.2	1.485	21.3	2.422	27.0	2.145	30.1	1.456	20.8
Propane (consumer grade)	1.199	4.1	1.098	3.5	0.908	3.9	1.249	37.3	1.140	29.1	0.922	32.6
Kerosene	3.814	0.0	3.279	0.0	W	W	2.655	1.2	2.272	1.0	1.688	0.9
No. 1 distillate	3.028	0.2	2.814	0.2	2.022	0.1	2.845	3.1	2.583	2.5	1.798	2.0
No. 2 distillate	2.657	8.0	2.379	8.0	1.715	9.3	2.544	152.7	2.264	158.7	1.574	143.7
No. 2 fuel oil	3.173	0.1	2.760	0.1	2.103	0.1	2.438	11.0	2.111	8.5	1.481	9.1
No. 2 diesel fuel	2.653	8.0	2.374	8.0	1.713	9.3	2.552	141.7	2.273	150.2	1.580	134.6
Ultra low sulfur	W	W	W	W	W	W	2.552	140.8	2.272	149.1	1.580	133.6
Low sulfur	-	-	-	-	-	-	-	-	-	-	-	-
High sulfur	W	W	W	W	W	W	2.640	0.9	2.332	1.1	1.549	1.0
No. 4 fuel[a]	-	-	-	-	-	-	W	W	W	W	W	W
Residential fuel oil	2.160	2.6	2.090	1.9	1.462	2.1	2.085	6.7	1.861	7.2	1.432	4.9
Sulfur content not > 1%	2.342	1.6	2.282	1.3	W	W	2.210	3.3	1.940	3.9	1.491	2.8
Sulfur content > 1%	1.871	1.0	1.726	0.7	1.344	W	1.966	3.4	1.766	3.2	1.352	2.1

NA = Not available.

- = No data reported.

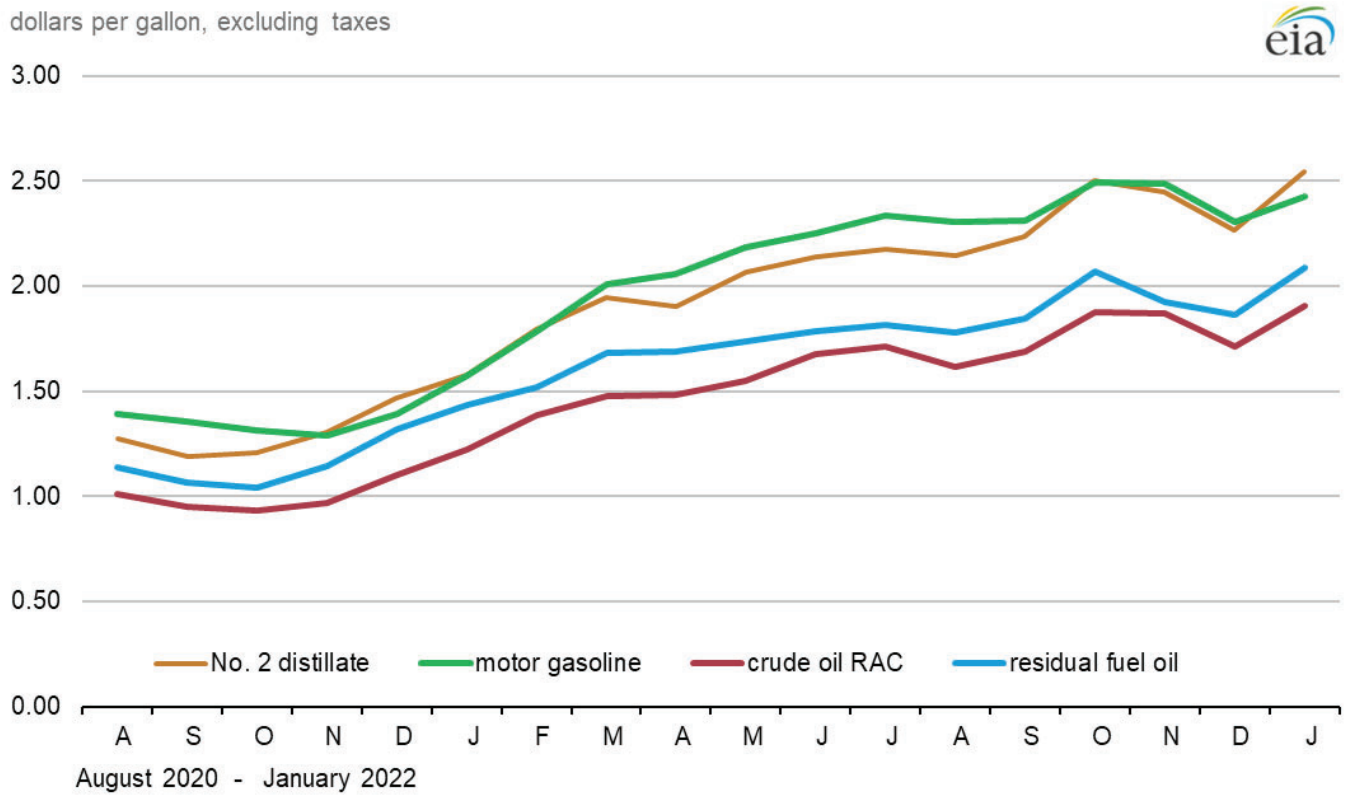
W = Withheld to avoid disclosure of individual company data.

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

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - In January 2007, ultra low-sulfur diesel fuel was added. - All on-highway diesel must be ultra low-sulfur as of December 1, 2010 - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2019 are final. Total volumes may not equal the sum of the components because of rounding.

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

Figure HL1. Crude oil and petroleum product wholesale prices



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

Summary Statistics

Table 1. Crude oil prices

dollars per barrel

Year month	Domestic first purchase prices	Average F.O.B.[a] cost of crude oil imports[b]	Average landed cost of crude oil imports[b]	Refiner acquisition cost of crude oil		
				Domestic	Imported	Composite
1997 average	17.23	16.94	18.11	19.61	18.53	19.04
1998 average	10.87	10.76	11.84	13.18	12.04	12.52
1999 average	15.56	16.47	17.23	17.90	17.26	17.51
2000 average	26.72	26.27	27.53	29.11	27.70	28.26
2001 average	21.84	20.46	21.82	24.33	22.00	22.95
2002 average	22.51	22.63	23.91	24.65	23.71	24.10
2003 average	27.56	25.86	27.69	29.82	27.71	28.53
2004 average	36.77	33.75	36.07	38.97	35.90	36.98
2005 average	50.28	47.60	49.29	52.94	48.86	50.24
2006 average	59.69	57.03	59.11	62.62	59.02	60.24
2007 average	66.52	66.36	67.97	69.65	67.04	67.94
2008 average	94.04	90.32	93.33	98.47	92.77	94.74
2009 average	56.35	57.78	60.23	59.49	59.17	59.29
2010 average	74.71	74.19	76.50	78.01	75.86	76.69
2011 average	95.73	101.66	102.92	100.71	102.63	101.87
2012 average	94.52	99.78	101.00	100.72	101.09	100.93
2013 average	95.99	96.56	96.99	102.91	98.11	100.49
2014 average	87.39	85.65	88.16	94.05	89.56	92.02
2015 average	44.39	41.91	45.38	49.94	46.38	48.39
2016 average	38.29	36.37	38.56	42.41	38.75	40.66
2017 average	48.05	45.58	48.50	52.05	49.12	50.68
2018 average	61.40	56.31	58.89	67.05	60.95	64.38
2019 average	55.59	54.27	56.60	60.31	57.94	59.38
2020						
January	56.55	46.98	51.20	60.39	53.87	57.92
February	49.66	42.13	44.69	54.01	47.39	51.37
March	31.01	24.16	27.14	35.00	28.50	32.55
April	15.18	14.22	17.50	21.07	16.74	19.32
May	18.02	19.28	22.73	24.43	22.56	23.55
June	33.81	33.74	36.17	37.25	36.14	36.80
July	37.44	36.73	38.97	40.56	39.33	40.08
August	39.37	37.39	40.15	42.83	41.72	42.42
September	36.82	36.06	38.19	40.41	38.73	39.81
October	36.39	34.35	37.11	40.06	37.81	39.21
November	38.25	36.44	39.28	41.56	39.15	40.68
December	43.92	41.86	44.78	46.69	45.34	46.20
2020 average	36.86	33.66	36.42	41.23	37.41	39.75
2021						
January	49.73	46.77	49.38	52.45	49.52	51.36
February	56.72	53.08	55.50	60.14	55.67	58.39
March	60.67	57.48	59.12	63.24	59.78	61.96
April	59.87	57.83	60.75	63.25	60.86	62.39
May	62.80	61.76	63.92	65.94	63.81	65.15
June	68.57	64.97	67.50	71.60	68.85	70.54
July	70.12	65.73	68.11	73.28	69.88	71.97
August	65.67	63.00	65.82	69.27	65.66	67.87
September	69.08	66.36	68.66	72.38	69.26	71.09
October	78.51	73.40	75.61	80.82	76.08	78.88
November	76.45	R71.48	R74.83	79.67	76.35	78.41
December	70.55	R64.56	R67.03	R74.47	R68.22	R71.98
2021 average	65.90	R61.99	R64.90	R69.08	R65.81	R67.82
2022						
January	80.32	71.51	73.86	R82.34	R76.78	R80.07
February[c]	NA	NA	NA	E91.39	E86.25	E89.42

NA = Not available.

E = Estimated data.

R = Revised data.

[a] Free on Board. See Glossary.

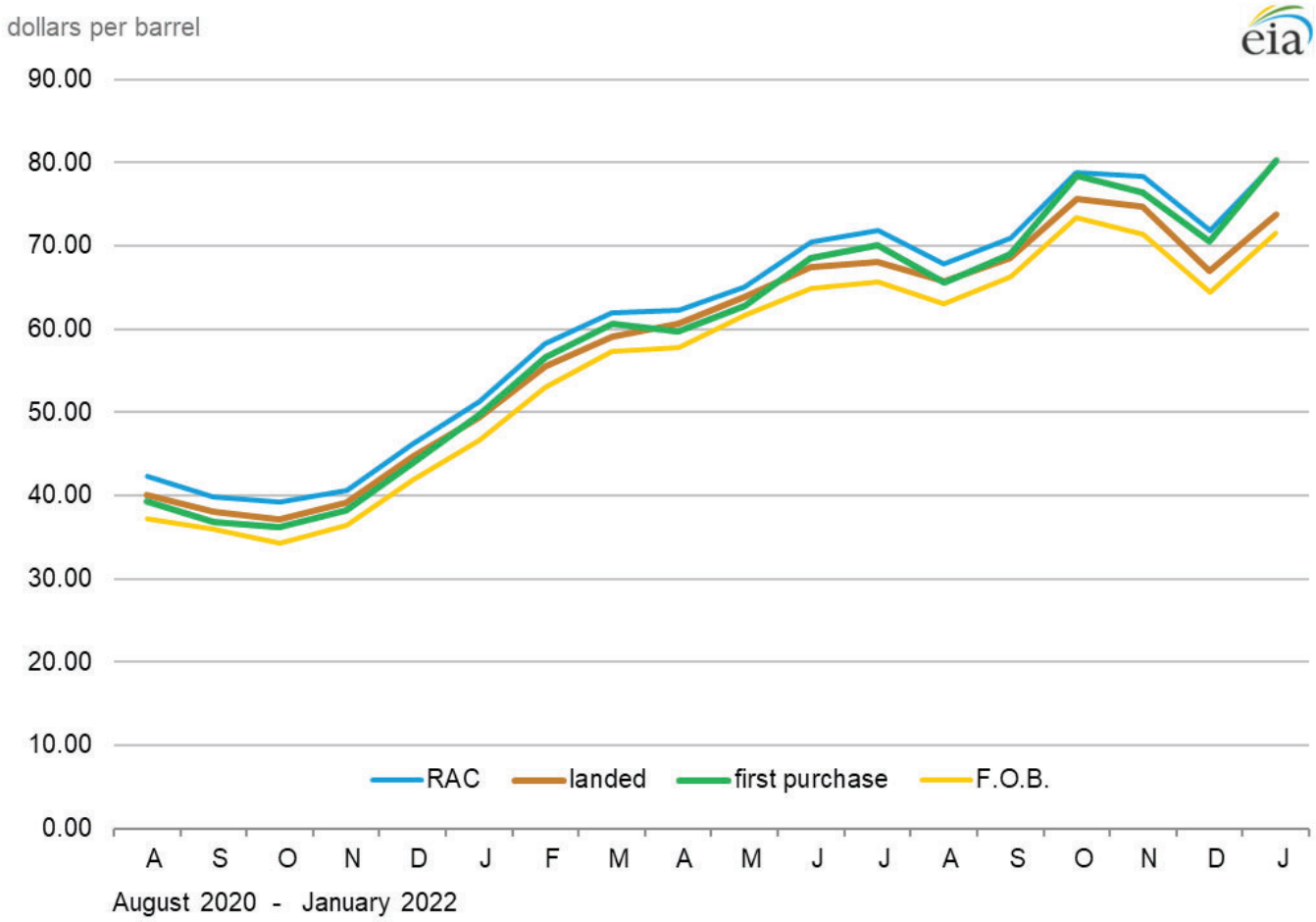
[b] Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section.

[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 2020 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

	United States			PAD District 1			PAD District 2		
Year month	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	60.31	57.94	59.38	64.02	65.37	65.02	58.17	50.92	54.59
2020									
January	60.39	53.87	57.92	63.24	64.08	63.77	58.99	45.98	52.41
February	54.01	47.39	51.37	57.27	57.28	57.28	50.76	38.20	43.93
March	35.00	28.50	32.55	35.93	37.10	36.60	30.59	21.65	25.64
April	21.07	16.74	19.32	27.42	26.07	26.65	19.25	13.19	15.86
May	24.43	22.56	23.55	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	40.56	39.33	40.08	45.44	43.76	44.18	41.15	37.50	39.42
August	42.83	41.72	42.42	45.83	44.95	45.16	42.71	39.73	41.26
September	40.41	38.73	39.81	43.67	41.74	42.25	40.30	35.84	38.36
October	40.06	37.81	39.21	41.42	40.17	40.56	39.93	35.99	38.27
November	41.56	39.15	40.68	45.02	43.61	44.02	41.67	36.52	39.40
December	46.69	45.34	46.20	51.51	49.60	49.99	47.37	42.65	45.32
2020	41.23	37.41	39.75	44.76	43.73	44.07	40.66	33.48	37.17
2021									
January	52.45	49.52	51.36	55.93	54.38	54.66	52.50	45.81	49.22
February	60.14	55.67	58.39	63.55	60.82	61.53	59.98	50.97	55.77
March	63.24	59.78	61.96	66.89	65.74	65.96	63.77	56.82	60.50
April	63.25	60.86	62.39	68.22	65.59	65.94	63.54	57.02	60.74
May	65.94	63.81	65.15	69.76	68.63	68.81	66.61	60.89	64.09
June	71.60	68.85	70.54	74.97	73.18	73.44	72.25	65.37	69.34
July	73.28	69.88	71.97	76.48	74.82	75.09	74.18	66.54	70.92
August	69.27	65.66	67.87	73.16	71.73	71.97	69.79	61.90	66.52
September	72.38	69.26	71.09	76.34	73.99	74.31	73.18	66.19	70.18
October	80.82	76.08	78.88	83.82	82.61	82.81	82.55	71.33	76.68
November	79.67	76.35	78.41	83.43	82.27	82.45	81.11	73.74	77.72
December	R74.47	R68.22	R71.98	R78.02	R75.58	75.91	R74.86	R62.13	R68.58
2021	R69.08	R65.81	R67.82	72.07	71.15	71.30	69.90	R61.94	R66.27
2022									
January	R82.34	R76.78	R80.07	82.28	84.70	84.41	83.56	71.91	77.83

See footnotes at end of table.

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

dollars per barrel

	PAD District 3			PAD District 4			PAD District 5		
Year month	**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	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	20.84	15.84	19.32	21.00	11.01	16.10	23.00	24.54	23.68
May	22.21	23.44	22.73	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	40.41	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	46.17	45.93	46.11	44.84	40.18	42.14	48.34	48.75	48.52
2020	41.15	37.60	40.16	39.40	32.47	35.46	42.46	44.11	43.21
2021									
January	52.20	50.39	51.78	50.24	44.33	47.35	54.05	53.70	53.88
February	59.95	57.13	59.27	58.24	49.29	52.71	61.04	61.17	61.11
March	62.76	59.72	62.07	61.92	54.10	56.91	64.71	64.53	64.63
April	62.94	61.23	62.53	61.73	56.70	59.60	64.33	63.99	64.15
May	65.46	63.43	65.01	64.88	58.65	61.29	67.34	67.31	67.33
June	71.11	69.15	70.63	70.67	62.58	65.65	72.95	72.82	72.87
July	72.92	70.41	72.27	71.61	63.28	66.66	73.72	73.87	73.81
August	69.06	66.01	68.29	67.21	59.92	62.59	69.71	69.73	69.72
September	71.84	69.32	71.15	71.06	61.16	64.89	73.69	74.08	73.92
October	79.91	77.13	79.23	80.20	71.10	74.96	82.56	82.14	82.32
November	79.01	76.23	78.33	78.55	72.21	74.81	80.75	79.47	80.09
December	R74.43	R69.64	73.22	R71.63	63.98	67.12	R74.61	R73.09	R73.75
2021	R68.72	R66.32	68.13	67.72	60.45	63.44	R69.71	R70.18	R69.97
2022									
January	81.93	77.36	80.71	79.05	66.64	71.81	83.91	83.22	83.51

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 2020 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. 1 distillate	No. 2 distillate			No. 4 fuel[a]	Residual fuel oil
							No. 2 diesel fuel	No. 2 fuel oil	Average		
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	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	1.624	2.004	1.628	-	1.290
2020	1.829	2.685	1.293	0.502	W	1.891	1.486	1.660	1.488	-	1.246
2021											
January	1.986	2.829	1.485	0.908	W	2.022	1.713	2.103	1.715	-	1.462
February	2.201	3.148	1.642	0.972	W	2.190	1.933	2.173	1.935	-	1.617
March	2.442	3.364	1.763	0.964	W	2.324	2.111	2.323	2.113	-	1.766
April	2.493	3.363	1.724	0.851	W	2.322	2.090	2.185	2.091	-	1.756
May	2.683	3.447	1.822	0.833	W	2.380	2.177	2.291	2.177	-	1.760
June	3.000	3.492	1.906	0.966	W	2.514	2.228	2.341	2.228	-	1.867
July	3.105	W	1.981	1.096	2.860	2.593	2.282	2.505	2.283	-	1.969
August	3.146	W	1.965	1.122	W	2.596	2.266	2.395	2.267	-	1.901
September	3.143	W	2.032	1.296	2.817	2.614	2.323	2.387	2.324	-	1.950
October	3.201	3.783	2.303	1.459	3.425	2.864	2.561	2.678	2.562	-	2.091
November	3.318	3.778	2.309	1.292	3.799	2.859	2.542	2.651	2.544	-	2.141
December	3.283	W	R2.168	1.098	R3.279	R2.814	R2.374	2.760	2.379	-	2.090
2021	2.569	3.469	1.954	1.088	W	2.520	2.203	2.413	2.205	-	1.864
2022											
January	3.145	3.689	2.451	1.199	3.814	3.028	2.653	3.173	2.657	-	2.160

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

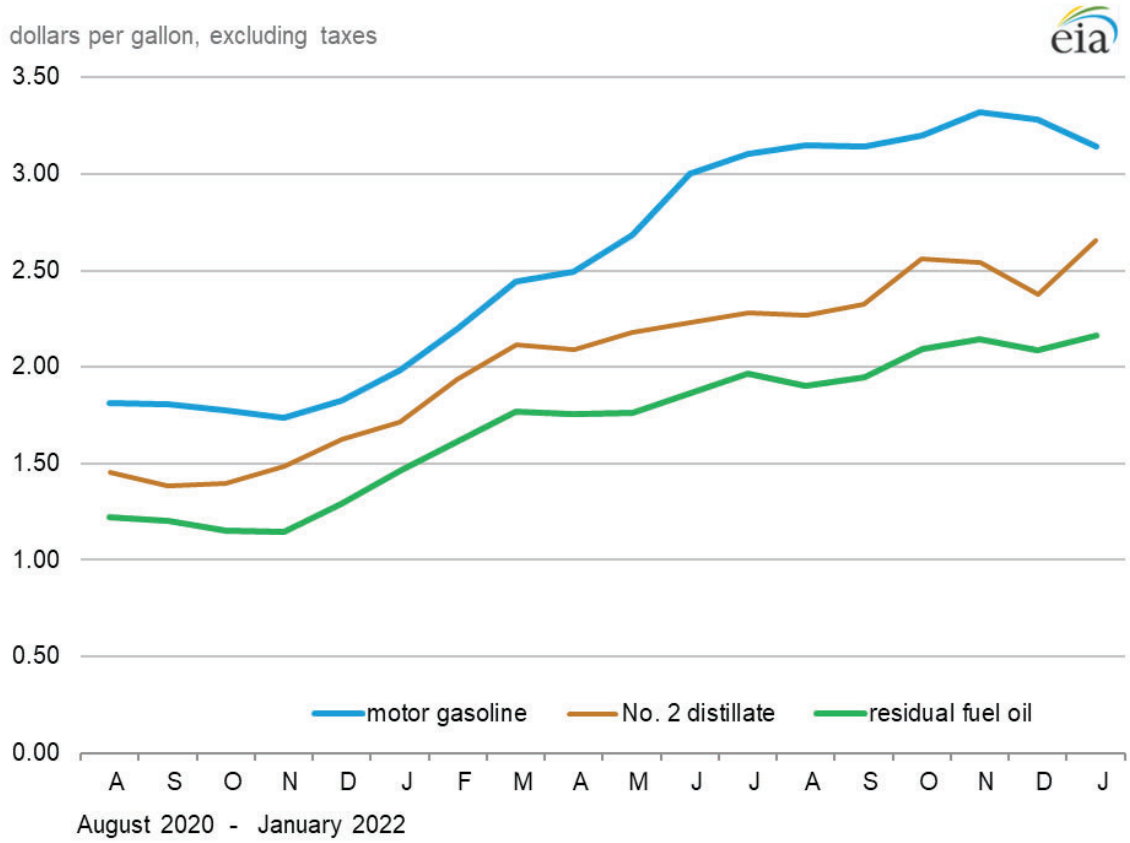
R = Revised data.

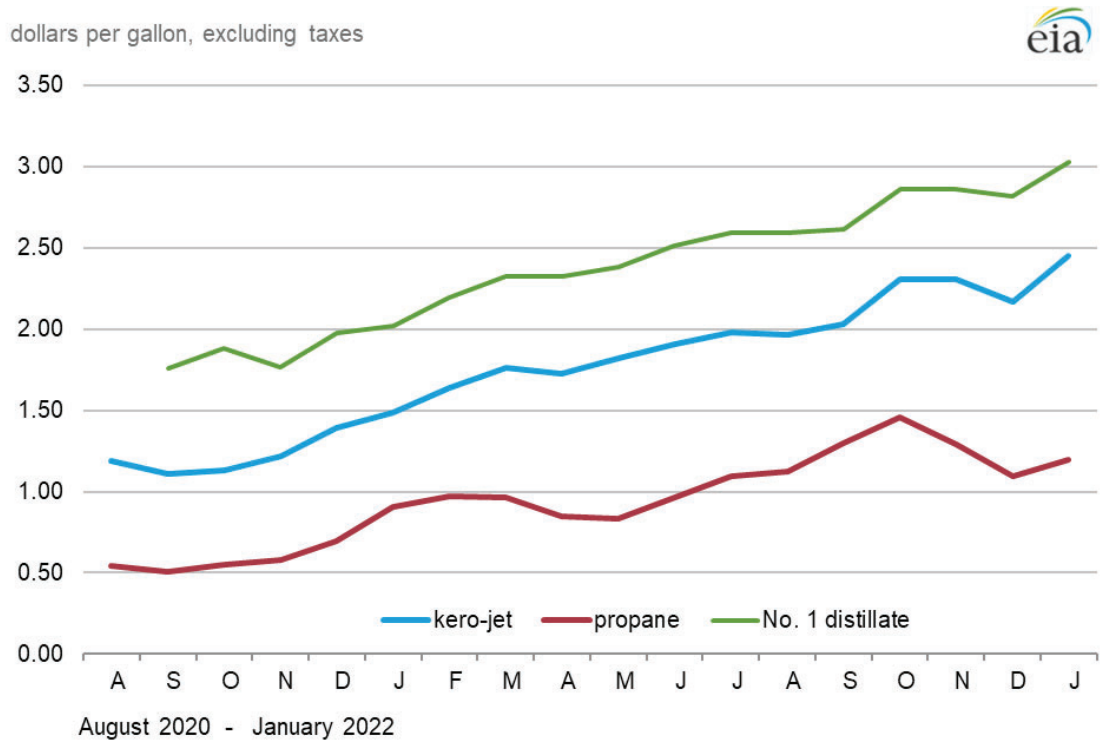
[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

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 2021 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. 1 distillate	No. 2 distillate: No. 2 diesel fuel	No. 2 distillate: No. 2 fuel oil	No. 2 distillate: Average	No. 4 fuel[a]	Residual fuel oil
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	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	19.0	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	9.2	0.1	9.2	-	2.3
2020	19.3	0.0	21.9	3.2	W	0.1	9.8	0.1	9.9	-	2.1
2021											
January	18.1	0.0	21.3	3.9	W	0.1	9.3	0.1	9.3	-	2.1
February	18.5	0.0	20.7	4.2	W	0.2	9.3	0.1	9.4	-	2.0
March	20.1	0.0	24.4	3.0	W	0.1	9.7	0.1	9.8	-	2.1
April	20.8	0.0	26.0	3.4	W	0.1	10.0	0.1	10.1	-	2.0
May	12.2	0.0	26.4	3.0	W	0.0	9.0	0.1	9.1	-	1.8
June	4.9	0.0	28.0	3.2	W	0.0	8.8	0.1	8.8	-	2.2
July	4.8	W	28.3	4.6	0.0	0.0	7.9	0.0	8.0	-	1.8
August	4.8	W	31.3	4.2	W	0.1	8.0	0.1	8.0	-	2.0
September	4.7	W	30.8	5.2	0.0	0.1	8.2	0.1	8.3	-	1.8
October	4.6	0.0	29.2	4.4	0.0	0.1	7.9	0.1	8.0	-	2.0
November	4.5	0.0	30.4	2.7	0.0	0.1	7.7	0.1	7.8	-	2.2
December	4.4	W	32.2	3.5	0.0	0.2	8.0	0.1	8.0	-	1.9
2021	10.2	0.0	27.5	3.8	W	0.1	8.6	0.1	8.7	-	2.0
2022											
January	5.3	0.0	29.6	4.1	0.0	0.2	8.0	0.1	8.0	-	2.6

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

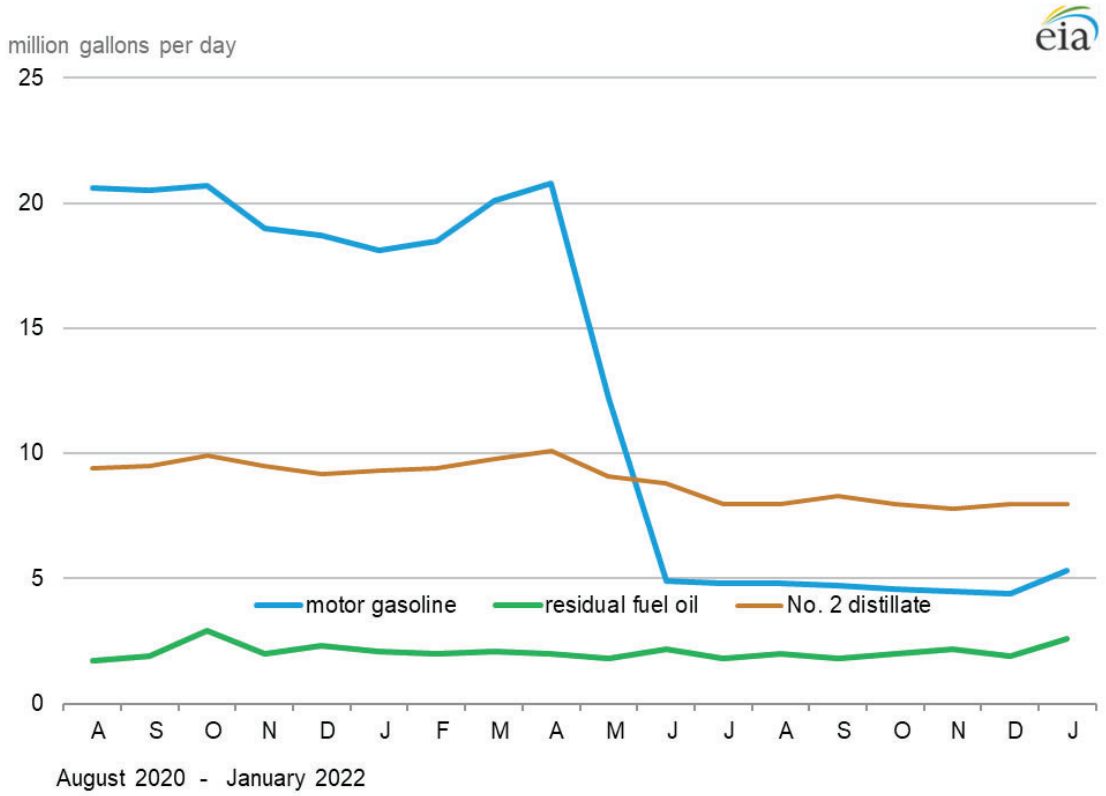
R = Revised data.

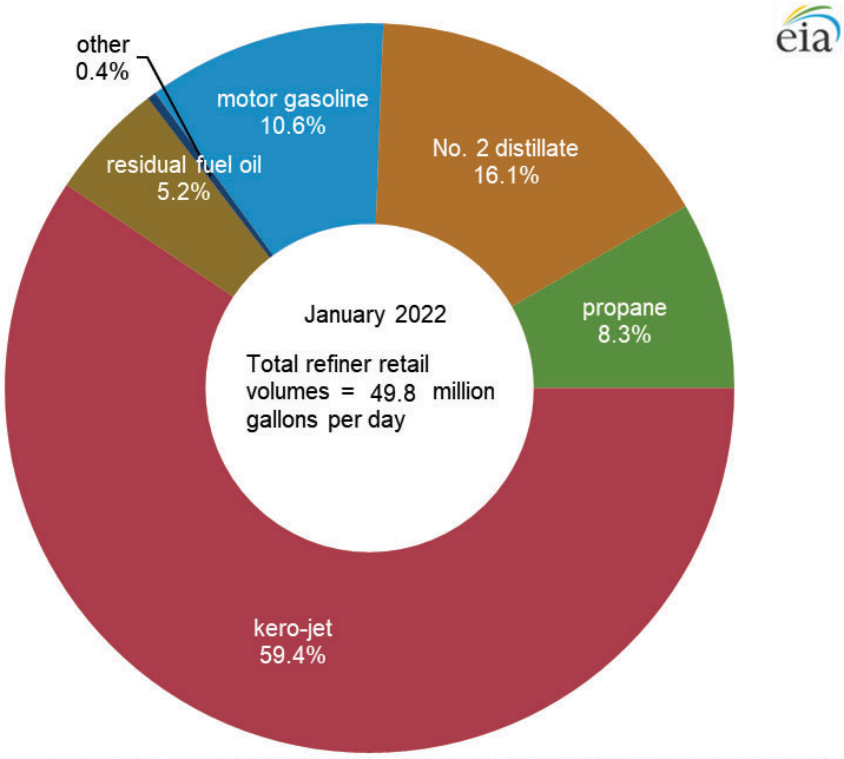
[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Motor gasoline averages and totals before October 1993 include leaded gasoline. Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2021 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. 1 distillate	No. 2 distillate: No. 2 diesel fuel	No. 2 distillate: No. 2 fuel oil	No. 2 distillate: Average	No. 4 fuel[a]	Residual fuel oil
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	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	1.287	2.123	1.180	0.630	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	1.320
2020	1.330	2.233	1.295	0.535	1.310	1.772	1.286	1.246	1.284	W	1.143
2021											
January	1.575	2.482	1.456	0.922	1.688	1.798	1.580	1.481	1.574	W	1.432
February	1.784	2.659	1.599	1.032	1.939	2.049	1.806	1.667	1.796	W	1.518
March	2.011	2.978	1.720	0.985	1.854	2.244	1.956	1.726	1.944	W	1.683
April	2.055	3.018	1.688	0.849	1.816	2.134	1.911	1.700	1.903	W	1.686
May	2.181	3.107	1.790	0.824	1.800	2.362	2.072	1.806	2.064	W	1.736
June	2.252	3.190	1.871	0.950	1.907	2.449	2.147	1.927	2.141	W	1.783
July	2.337	3.337	1.946	1.075	1.940	2.467	2.182	1.931	2.177	W	1.818
August	2.302	3.299	1.922	1.110	1.899	2.446	2.146	1.885	2.142	W	1.776
September	2.310	3.248	2.008	1.280	2.109	2.475	2.240	2.041	2.235	W	1.845
October	2.494	3.367	2.281	1.460	2.434	2.791	2.504	2.356	2.499	W	2.069
November	2.484	3.410	2.283	1.329	2.405	2.684	2.454	2.267	2.447	W	1.927
December	2.304	3.154	2.145	1.140	2.272	2.583	R2.273	2.111	2.264	W	1.861
2021	2.193	3.133	1.914	1.087	2.069	2.322	2.116	1.876	2.106	W	1.770
2022											
January	2.423	3.376	2.422	1.249	2.655	2.845	2.552	2.438	2.544	W	2.085

W = Withheld to avoid disclosure of individual company data.

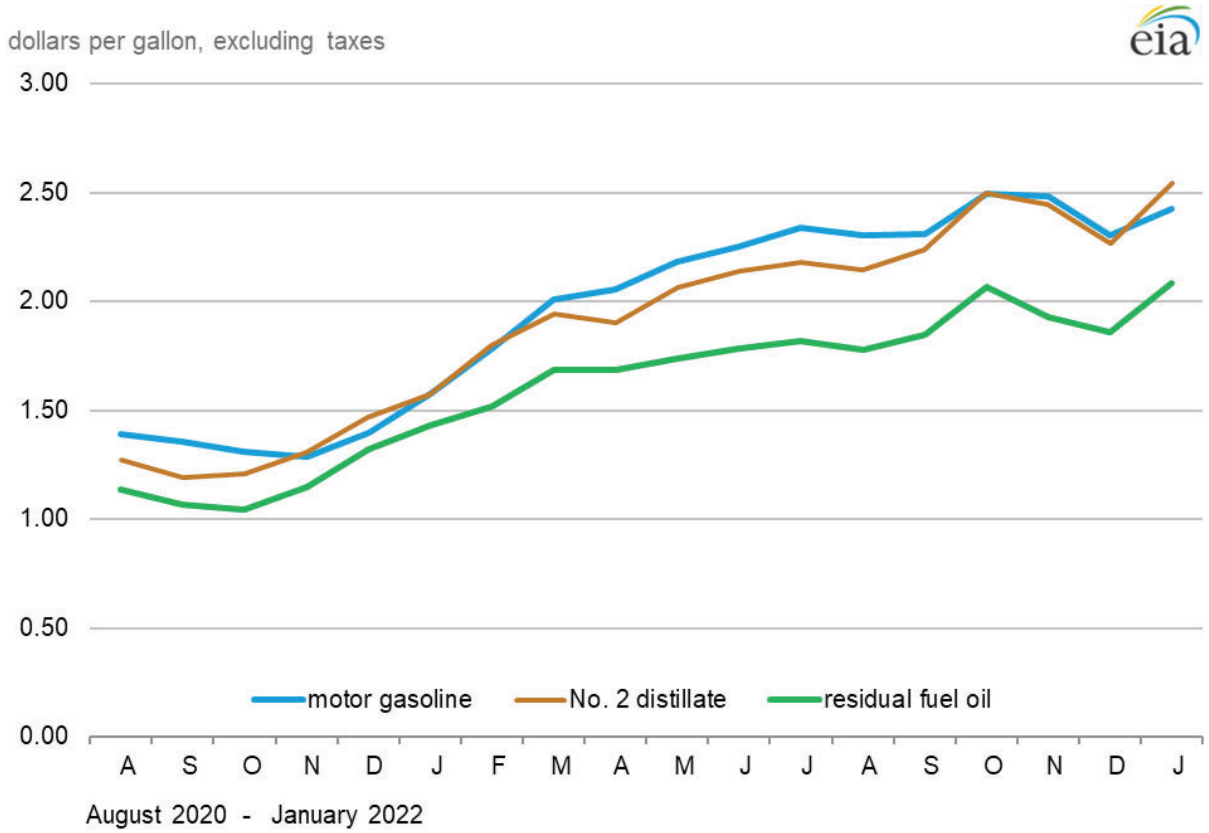
R = Revised data.

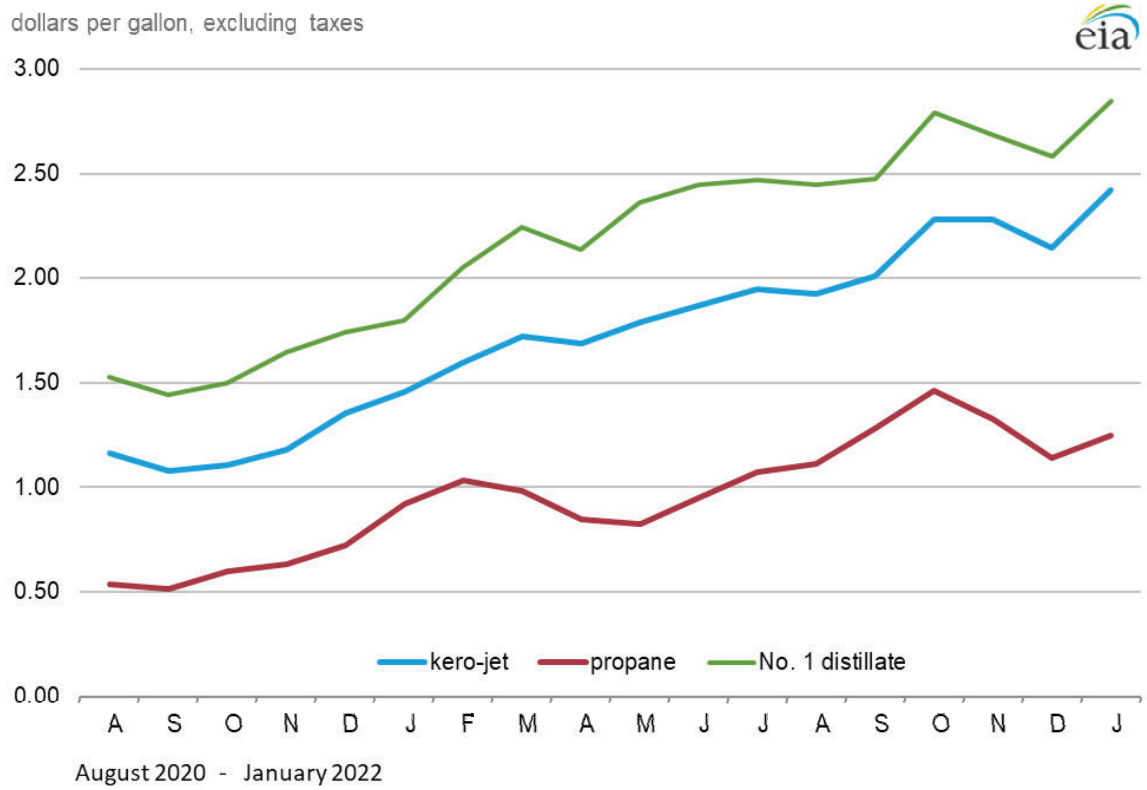
[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

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 2021 are final.

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

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





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

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

million gallons per day

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 1 distillate	No. 2 distillate			No. 4 fuel[a]	Residual fuel oil
							No. 2 diesel fuel	No. 2 fuel oil	Average		
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	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	260.0	0.3	20.9	25.3	0.9	1.7	143.7	8.4	152.1	W	5.4
December	256.2	0.3	22.5	31.0	1.0	2.2	142.9	10.2	153.0	W	5.2
2020	260.5	0.4	22.5	25.6	0.8	1.0	149.6	7.8	157.4	W	6.1
2021											
January	246.5	0.4	20.8	32.6	0.9	2.0	134.6	9.1	143.7	W	4.9
February	251.0	0.3	20.4	36.8	1.1	3.3	135.2	10.6	145.8	W	4.9
March	271.8	0.4	25.9	24.9	0.4	0.8	147.1	7.9	155.0	W	7.0
April	283.4	0.5	28.5	19.8	0.3	0.4	151.0	5.6	156.6	W	4.9
May	297.7	0.4	27.2	20.0	0.5	0.1	143.8	4.6	148.5	W	5.1
June	312.4	0.5	30.6	19.7	0.5	0.1	157.6	4.1	161.7	W	5.8
July	312.6	0.6	30.7	19.7	0.7	0.1	146.6	2.7	149.4	W	4.1
August	308.7	0.5	29.2	20.8	0.7	0.2	150.3	2.3	152.6	W	4.9
September	304.0	0.5	28.8	23.5	0.9	0.5	154.6	4.1	158.7	W	4.9
October	296.1	0.4	28.2	25.5	1.4	1.0	152.9	5.4	158.3	W	6.0
November	298.2	0.4	27.8	28.1	1.1	2.0	149.6	6.4	156.0	W	5.6
December	R292.8	0.4	30.1	R29.1	1.0	2.5	150.2	8.5	158.7	W	7.2
2021	289.8	0.4	27.4	25.0	0.8	1.1	147.8	5.9	153.8	W	5.4
2022											
January	265.2	0.3	27.0	37.3	1.2	3.1	141.7	11.0	152.7	W	6.7

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

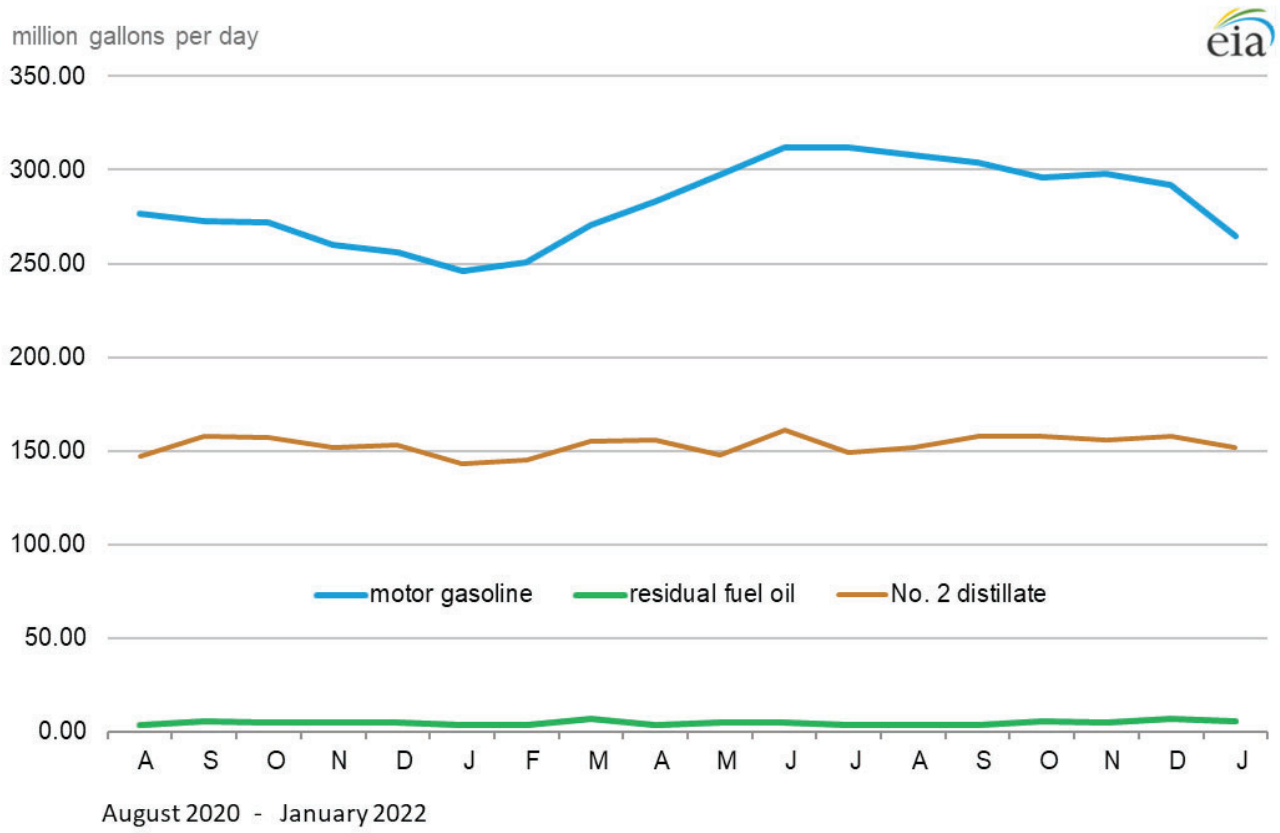
R = Revised data.

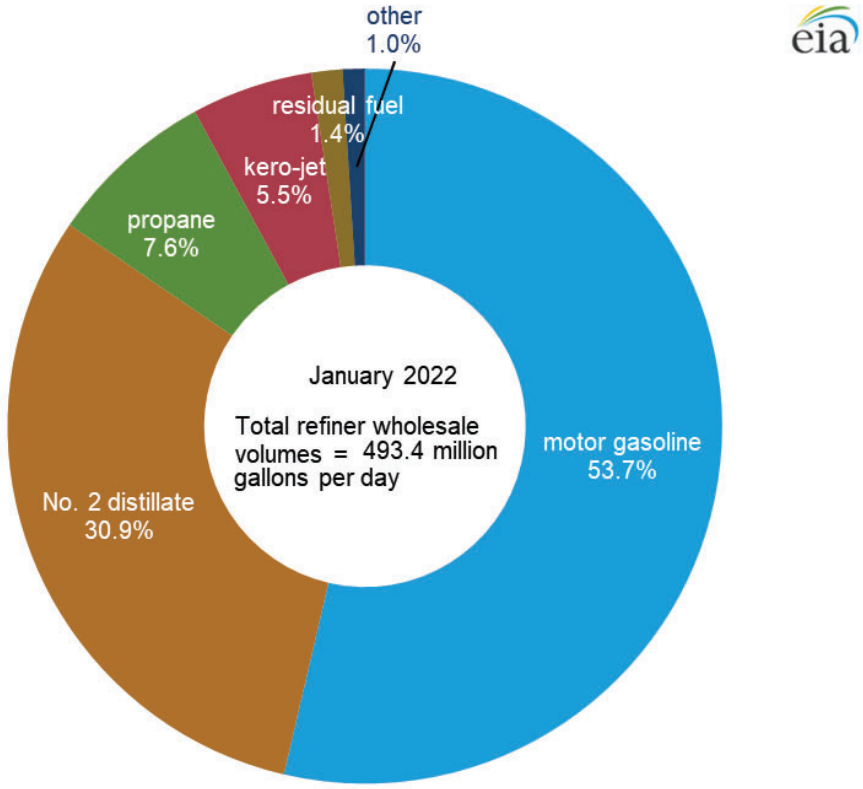
[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

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 2021 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

	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
Year month	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	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	1.629	1.747	1.212	1.134	1.240	2.049	2.044	1.938	1.389	-	1.441
December	1.728	1.725	1.790	1.325	1.291	1.350	2.117	2.113	1.993	1.499	-	1.542
2020	1.733	1.730	1.804	1.252	1.193	1.282	2.128	2.123	2.017	1.434	-	1.482
2021												
January	1.887	1.884	1.978	1.505	1.503	1.531	2.275	2.271	2.183	1.679	-	1.727
February	2.104	2.102	2.181	1.713	1.668	1.739	2.488	2.481	2.382	1.892	-	1.938
March	2.343	2.341	2.463	1.934	1.889	1.963	2.748	2.742	2.663	2.142	-	2.188
April	2.390	2.389	2.558	1.970	1.934	2.003	2.801	2.795	2.785	2.179	-	2.232
May	2.569	2.566	2.702	2.092	2.077	2.128	2.981	2.972	2.894	2.303	-	2.353
June	2.884	2.868	2.769	2.162	2.097	2.198	3.197	3.171	2.960	2.399	-	2.448
July	2.985	2.969	2.844	2.246	2.203	2.281	3.313	3.295	3.044	2.496	-	2.543
August	3.026	3.008	2.873	2.206	2.208	2.247	3.367	3.348	3.072	2.447	-	2.502
September	3.021	3.003	2.825	2.225	2.141	2.259	3.387	3.365	3.014	2.447	-	2.502
October	3.081	3.061	3.000	2.411	2.363	2.445	3.457	3.435	3.177	2.598	-	2.658
November	3.201	3.172	3.119	2.395	2.309	2.435	3.608	3.586	3.264	2.565	-	2.641
December	3.165	3.135	2.995	2.212	2.139	2.256	3.581	3.559	3.104	2.365	-	2.448
2021	2.439	2.436	2.724	2.108	2.072	2.143	2.902	2.894	2.908	2.312	-	2.368
2022												
January	3.020	3.002	3.044	2.333	2.324	2.375	3.466	3.451	3.256	2.504	-	2.589

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

	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
Year month	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	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	2.302	2.300	2.051	1.528	1.189	1.567	1.738	1.736	1.824	1.253	1.148	1.287
December	2.375	2.373	2.097	1.631	1.391	1.677	1.831	1.828	1.868	1.364	1.311	1.394
2020	2.373	2.369	2.098	1.589	1.316	1.636	1.832	1.829	1.874	1.294	1.214	1.330
2021												
January	2.531	2.530	2.298	1.807	1.551	1.851	1.988	1.986	2.059	1.543	1.515	1.575
February	2.747	2.745	2.505	2.026	1.803	2.075	2.204	2.201	2.262	1.752	1.694	1.784
March	2.998	2.996	2.788	2.276	2.051	2.331	2.445	2.442	2.543	1.976	1.914	2.011
April	3.055	3.054	2.895	2.320	2.095	2.378	2.495	2.493	2.641	2.015	1.967	2.055
May	3.235	3.232	3.037	2.452	2.203	2.510	2.687	2.683	2.782	2.138	2.101	2.181
June	3.410	3.403	3.115	2.537	2.289	2.598	3.017	3.000	2.849	2.210	2.126	2.252
July	3.531	3.526	3.192	2.638	2.377	2.695	3.121	3.105	2.925	2.296	2.232	2.337
August	3.584	3.578	3.207	2.594	2.420	2.664	3.165	3.146	2.951	2.255	2.239	2.302
September	3.565	3.559	3.153	2.584	2.323	2.643	3.162	3.143	2.902	2.269	2.176	2.310
October	3.630	3.623	3.331	2.757	2.513	2.820	3.221	3.201	3.078	2.453	2.387	2.494
November	3.789	3.779	3.446	2.755	2.360	2.822	3.346	3.318	3.195	2.437	2.317	2.484
December	3.762	3.750	3.306	2.559	2.260	2.639	3.312	3.283	3.067	2.253	2.157	2.304
2021	3.163	3.161	3.045	2.459	2.177	2.519	2.573	2.569	2.800	2.151	2.090	2.193
2022												
January	3.709	3.699	3.356	2.676	2.442	2.748	3.163	3.145	3.117	2.373	2.350	2.423

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 2021 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

	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
Year month	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	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	15.3	15.5	12.7	203.0	7.1	222.8	1.4	1.4	0.1	1.2	-	1.3
December	15.1	15.2	12.0	203.8	5.1	221.0	1.3	1.4	0.1	1.1	-	1.3
2020	15.6	15.8	13.2	204.2	7.5	224.9	1.3	1.4	0.1	1.3	-	1.4
2021												
January	14.6	14.7	11.7	195.7	4.8	212.3	1.3	1.3	0.1	1.0	-	1.2
February	14.9	15.1	12.4	197.4	6.6	216.4	1.3	1.4	0.1	1.1	-	1.2
March	16.3	16.4	13.3	216.3	5.9	235.6	1.4	1.4	0.1	1.2	-	1.3
April	16.9	17.0	14.0	223.6	6.3	243.8	1.5	1.5	0.1	1.3	-	1.4
May	9.6	9.7	15.2	233.2	7.4	255.8	0.9	1.0	0.1	1.5	-	1.6
June	3.4	3.5	16.6	244.8	8.2	269.6	0.5	0.5	0.1	1.5	-	1.7
July	3.3	3.5	16.7	245.3	7.7	269.7	0.5	0.5	0.2	1.6	-	1.7
August	3.3	3.4	16.1	244.7	6.0	266.8	0.5	0.5	0.1	1.5	-	1.7
September	3.2	3.4	16.0	239.7	7.1	262.7	0.5	0.5	0.1	1.3	-	1.5
October	3.2	3.3	15.5	234.8	6.8	257.1	0.4	0.5	0.1	1.2	-	1.3
November	3.2	3.3	15.3	235.6	8.7	259.6	0.4	0.4	0.1	1.1	-	1.3
December	3.1	3.2	15.0	R231.9	8.2	R255.0	0.4	0.4	0.1	1.1	-	1.2
2021	7.9	8.0	14.8	228.8	7.0	250.6	0.8	0.8	0.1	1.3	-	1.4
2022												
January	3.9	4.1	13.7	211.1	6.0	230.8	0.5	0.5	0.1	1.0	-	1.1

See footnotes at end of table.

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

million gallons per day

	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
Year month	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	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	18.9	19.0	17.0	233.6	9.4	260.0
December	2.2	2.2	4.0	28.7	1.3	34.0	18.6	18.7	16.1	233.7	6.4	256.2
2020	2.1	2.2	4.0	28.6	1.6	34.2	19.1	19.3	17.4	234.1	9.1	260.5
2021												
January	2.0	2.1	3.9	27.5	1.7	33.1	17.9	18.1	15.7	224.3	6.5	246.5
February	2.0	2.1	4.1	27.7	1.5	33.3	18.3	18.5	16.6	226.2	8.1	251.0
March	2.2	2.2	4.3	29.5	1.1	34.9	19.9	20.1	17.7	247.1	7.0	271.8
April	2.3	2.3	4.5	32.0	1.6	38.1	20.7	20.8	18.6	256.8	7.9	283.4
May	1.6	1.6	4.7	33.8	1.8	40.3	12.1	12.2	20.1	268.4	9.2	297.7
June	0.9	0.9	5.0	34.7	1.5	41.1	4.8	4.9	21.7	281.0	9.7	312.4
July	0.9	0.9	5.0	34.7	1.5	41.2	4.7	4.8	21.8	281.6	9.2	312.6
August	0.9	0.9	4.9	34.3	1.0	40.2	4.7	4.8	21.2	280.5	7.0	308.7
September	0.9	0.9	4.9	33.3	1.7	39.8	4.6	4.7	21.0	274.2	8.8	304.0
October	0.8	0.8	4.7	31.7	1.3	37.7	4.4	4.6	20.4	267.7	8.1	296.1
November	0.8	0.8	4.6	31.0	1.7	37.3	4.4	4.5	20.1	267.7	10.4	298.2
December	0.8	0.8	4.5	30.6	1.4	36.6	4.3	4.4	19.6	R263.6	9.6	R292.8
2021	1.3	1.3	4.6	31.7	1.5	37.8	10.0	10.2	19.5	261.8	8.5	289.8
2022												
January	0.8	0.8	4.1	27.4	1.7	33.3	5.2	5.3	17.9	239.5	7.7	265.2

NA = Not available.

- = No data reported.

R = Revised data.

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

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. - Data for the 4th quarter of 1993 were derived from two separate survey systems. The DTW, Rack, and Bulk components were derived from the revised EIA-782 survey system, while the End-Use and Average Resale categories were derived from the predecessor EIA-782 survey system. Therefore, the DTW, Rack, and Bulk components are not consistent with the Average Resale category. Beginning January 1994, all data are from the revised EIA-782 survey system and are consistent. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2021 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

	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
Year month	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	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	1.495	1.495	1.498	1.188	W	1.191	1.797	1.791	1.794	1.374	-	1.391
December	1.608	1.607	1.551	1.303	W	1.307	1.901	1.894	W	1.487	-	1.500
2020	1.604	1.603	1.536	1.223	1.173	1.227	1.900	1.893	1.820	1.414	-	1.427
2021												
January	1.771	1.769	1.703	1.480	W	1.485	2.065	2.059	W	1.662	-	1.676
February	1.985	1.983	1.889	1.691	W	1.693	2.269	2.258	W	1.875	-	1.886
March	2.217	2.215	2.169	1.915	W	1.918	2.528	2.519	W	2.132	-	2.144
April	2.250	2.251	2.255	1.949	W	1.953	2.559	2.550	W	2.169	-	2.186
May	2.398	2.397	2.383	2.064	W	2.070	2.704	2.688	W	2.293	-	2.308
June	2.679	2.664	2.448	2.134	W	2.140	2.991	2.919	W	2.396	-	2.410
July	2.790	2.774	2.572	2.227	W	2.234	3.145	3.095	W	2.509	-	2.524
August	2.812	2.794	2.650	2.184	W	2.194	3.175	3.118	W	2.455	-	2.476
September	2.792	2.775	2.546	2.206	W	2.210	3.199	3.128	W	2.449	-	2.469
October	2.829	2.811	2.658	2.380	W	2.384	3.221	3.153	W	2.577	-	2.596
November	2.877	2.851	2.692	2.352	W	2.356	3.230	3.172	W	2.525	-	2.548
December	2.813	2.786	2.565	2.174	W	2.180	3.171	3.114	W	2.329	-	2.355
2021	2.242	2.244	2.421	2.081	W	2.086	2.567	2.556	W	2.300	-	2.318
2022												
January	2.755	2.739	2.738	2.301	W	2.310	3.066	3.035	W	2.478	-	2.512

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

	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
Year month	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	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	2.103	2.101	W	1.515	1.229	1.503	1.556	1.555	1.554	1.224	1.159	1.228
December	2.207	2.206	1.809	W	1.387	1.611	1.669	1.667	1.605	1.338	W	1.342
2020	2.193	2.188	1.787	1.570	1.288	1.560	1.663	1.661	1.587	1.262	1.192	1.265
2021												
January	2.368	2.366	1.965	W	1.545	1.774	1.830	1.828	1.758	1.515	W	1.519
February	2.570	2.567	2.161	W	1.799	1.999	2.041	2.039	1.946	1.726	W	1.728
March	2.825	2.823	2.467	W	2.051	2.267	2.276	2.274	2.228	1.953	W	1.957
April	2.858	2.857	2.578	W	2.089	2.306	2.311	2.311	2.320	1.990	W	1.995
May	3.021	3.016	2.699	W	2.196	2.423	2.464	2.462	2.445	2.106	W	2.112
June	W	W	2.768	W	2.310	2.518	2.766	2.745	2.508	2.178	W	2.184
July	W	W	2.914	W	2.452	2.643	2.878	2.859	2.634	2.274	W	2.282
August	W	W	2.987	W	2.415	2.604	2.900	2.878	2.713	2.230	W	2.241
September	W	W	2.840	W	2.308	2.570	2.879	2.859	2.602	2.246	W	2.251
October	W	W	2.935	W	2.505	2.722	2.908	2.887	2.710	2.416	W	2.421
November	W	W	2.974	W	2.346	2.680	2.946	2.918	2.746	2.387	W	2.391
December	W	W	R2.816	W	2.253	R2.508	2.884	2.855	2.613	2.208	W	2.215
2021	2.892	2.889	2.708	W	2.168	2.434	2.310	2.311	2.476	2.120	W	2.126
2022												
January	3.368	3.345	2.978	W	2.437	2.642	2.820	2.803	2.785	2.337	W	2.346

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 2021 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

	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
Year month	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	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	10.3	10.4	W	149.3	W	157.2	0.6	0.6	0.0	0.9	-	1.0
December	10.0	10.1	W	150.2	W	157.2	0.6	0.6	W	W	-	0.9
2020	10.5	10.7	2.7	150.5	6.3	159.5	0.6	0.6	0.0	1.0	-	1.1
2021												
January	9.8	9.9	W	144.0	W	150.7	0.6	0.6	W	W	-	0.9
February	10.0	10.1	W	145.8	W	153.9	0.6	0.6	W	W	-	0.9
March	10.9	11.0	W	159.4	W	167.2	0.6	0.7	W	W	-	1.0
April	11.3	11.4	W	164.8	W	173.4	0.7	0.7	W	W	-	1.1
May	6.1	6.2	W	171.6	W	180.9	0.4	0.4	W	W	-	1.2
June	W	W	W	180.4	W	190.0	W	W	W	W	-	1.3
July	W	W	W	181.2	W	190.5	W	W	W	W	-	1.3
August	W	W	W	180.1	W	187.5	W	W	W	W	-	1.3
September	W	W	W	176.7	W	185.1	W	W	W	W	-	1.1
October	W	W	W	172.1	W	180.7	W	W	W	W	-	0.9
November	W	W	W	172.9	W	183.3	W	W	W	W	-	0.9
December	W	W	W	R169.9	W	R179.1	W	W	W	W	-	0.9
2021	4.9	5.0	W	168.4	W	177.0	0.3	0.3	W	W	-	1.1
2022												
January	2.0	2.1	W	154.9	W	162.5	0.1	0.1	W	W	-	0.8

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

	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
Year month	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	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	11.7	11.9	3.2	168.7	6.8	178.6
December	0.9	0.9	0.6	W	W	19.9	11.5	11.6	W	169.2	W	178.0
2020	0.9	0.9	0.6	18.2	1.2	20.1	12.0	12.2	3.4	169.7	7.5	180.6
2021												
January	0.8	0.8	0.6	W	W	19.6	11.2	11.3	W	162.3	W	171.2
February	0.8	0.8	0.6	W	W	19.6	11.5	11.6	W	164.1	W	174.4
March	0.9	0.9	0.7	W	W	20.2	12.4	12.6	W	178.9	W	188.4
April	0.9	1.0	0.7	W	W	22.4	12.9	13.1	W	186.1	W	196.9
May	0.6	0.6	0.8	W	W	24.0	7.1	7.2	W	194.3	W	206.1
June	W	W	0.9	W	W	24.2	W	W	W	203.7	W	215.5
July	W	W	0.9	W	W	24.2	W	W	W	204.7	W	216.1
August	W	W	0.8	W	W	23.4	W	W	W	203.1	W	212.2
September	W	W	0.8	W	W	23.2	W	W	W	198.5	W	209.3
October	W	W	0.8	W	W	21.7	W	W	W	192.7	W	203.3
November	W	W	0.7	W	W	21.5	W	W	W	193.0	W	205.7
December	W	W	0.7	W	W	21.1	W	W	W	R189.8	W	R201.2
2021	0.4	0.4	0.7	W	W	22.1	5.7	5.8	W	189.4	W	200.2
2022												
January	0.2	0.2	0.7	W	W	19.3	2.3	2.4	W	172.7	W	182.7

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 2021 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

	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
Year month	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	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	1.442	-	1.579
December	1.966	1.964	1.852	1.387	W	1.456	2.297	2.297	W	1.549	-	1.672
2020	1.997	1.994	1.872	1.332	1.292	1.418	2.325	2.325	2.095	1.506	-	1.641
2021												
January	2.123	2.121	2.050	1.573	W	1.645	2.451	2.451	W	1.746	-	1.882
February	2.348	2.346	2.253	1.777	W	1.852	2.672	2.672	W	1.957	-	2.095
March	2.601	2.598	2.540	1.988	W	2.072	2.930	2.930	W	2.183	-	2.329
April	2.673	2.672	2.639	2.031	W	2.125	3.006	3.006	W	2.219	-	2.380
May	2.869	2.867	2.793	2.169	W	2.268	3.166	3.166	W	2.340	-	2.492
June	W	W	2.875	2.240	W	2.336	W	W	W	2.410	-	2.562
July	W	W	2.936	2.299	W	2.395	W	W	W	2.449	-	2.600
August	W	W	2.939	2.268	W	2.371	W	W	W	2.418	-	2.576
September	W	W	2.906	2.278	W	2.376	W	W	W	2.440	-	2.589
October	W	W	3.098	2.495	W	2.589	W	W	W	2.667	-	2.824
November	W	W	3.238	2.515	W	2.624	W	W	W	2.710	-	2.900
December	W	W	3.119	2.317	W	2.435	W	W	W	2.505	-	2.721
2021	2.767	2.764	2.811	2.182	W	2.280	3.105	3.105	W	2.356	-	2.515
2022												
January	3.300	3.292	3.131	2.421	W	2.531	3.607	3.607	W	2.615	-	2.831

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

	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
Year month	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	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	1.431	W	1.513
2020	2.500	2.498	2.157	1.621	1.411	1.745	2.119	2.117	1.943	1.379	1.319	1.477
2021												
January	2.639	2.638	2.359	W	W	1.964	2.252	2.251	2.131	1.617	W	1.703
February	2.863	2.863	2.567	W	W	2.182	2.475	2.473	2.335	1.823	W	1.912
March	3.112	3.112	2.846	W	W	2.421	2.726	2.724	2.619	2.036	W	2.134
April	3.190	3.190	2.952	W	W	2.482	2.800	2.799	2.720	2.081	W	2.191
May	3.353	3.353	3.104	W	W	2.637	2.999	2.998	2.872	2.223	W	2.334
June	W	W	3.191	W	W	2.712	W	W	2.953	2.294	W	2.403
July	W	W	3.254	W	W	2.769	W	W	3.016	2.354	W	2.462
August	W	W	3.250	W	W	2.748	W	W	3.017	2.320	W	2.438
September	W	W	3.214	W	W	2.743	W	W	2.983	2.330	W	2.441
October	W	W	3.406	W	W	2.953	W	W	3.175	2.545	W	2.653
November	W	W	3.537	W	W	3.017	W	W	3.312	2.568	W	2.692
December	W	W	3.403	W	W	R2.817	W	W	3.188	2.367	W	2.500
2021	3.297	3.297	3.111	W	W	2.639	2.915	2.913	2.887	2.233	W	2.344
2022												
January	3.819	3.817	3.429	W	W	2.896	3.444	3.438	3.205	2.468	W	2.594

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 2021 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

	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
Year month	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	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	53.7	W	63.8	0.7	0.7	W	W	-	0.3
2020	5.1	5.1	10.5	53.7	1.2	65.4	0.7	0.7	0.1	0.3	-	0.4
2021												
January	4.8	4.8	W	51.7	W	61.5	0.7	0.7	W	W	-	0.3
February	4.9	4.9	W	51.7	W	62.5	0.7	0.7	W	W	-	0.3
March	5.4	5.4	W	57.0	W	68.4	0.8	0.8	W	W	-	0.3
April	5.6	5.6	W	58.8	W	70.4	0.8	0.8	W	W	-	0.3
May	3.5	3.5	W	61.6	W	74.8	0.6	0.6	W	W	-	0.4
June	W	W	W	64.4	W	79.6	W	W	W	W	-	0.4
July	W	W	W	64.1	W	79.1	W	W	W	W	-	0.4
August	W	W	W	64.6	W	79.3	W	W	W	W	-	0.4
September	W	W	W	63.0	W	77.7	W	W	W	W	-	0.4
October	W	W	W	62.7	W	76.4	W	W	W	W	-	0.4
November	W	W	W	62.7	W	76.4	W	W	W	W	-	0.3
December	W	W	W	62.0	W	75.9	W	W	W	W	-	0.3
2021	3.0	3.0	W	60.4	W	73.6	0.5	0.5	W	W	-	0.4
2022												
January	1.9	1.9	W	56.2	W	68.3	0.3	0.3	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

	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
Year month	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	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	7.1	7.1	W	64.5	W	78.2
2020	1.3	1.3	3.4	10.4	0.4	14.1	7.1	7.1	14.0	64.4	1.6	79.9
2021												
January	1.2	1.2	3.3	W	W	13.4	6.7	6.8	W	62.0	W	75.3
February	1.2	1.2	3.5	W	W	13.7	6.9	6.9	W	62.1	W	76.6
March	1.3	1.3	3.6	W	W	14.7	7.5	7.5	W	68.2	W	83.3
April	1.4	1.4	3.8	W	W	15.7	7.8	7.8	W	70.8	W	86.4
May	1.0	1.0	3.9	W	W	16.3	5.0	5.1	W	74.1	W	91.5
June	W	W	4.1	W	W	16.9	W	W	W	77.3	W	96.9
July	W	W	4.1	W	W	17.0	W	W	W	76.9	W	96.5
August	W	W	4.1	W	W	16.8	W	W	W	77.5	W	96.5
September	W	W	4.1	W	W	16.7	W	W	W	75.7	W	94.7
October	W	W	4.0	W	W	16.0	W	W	W	75.0	W	92.8
November	W	W	3.9	W	W	15.7	W	W	W	74.7	W	92.5
December	W	W	3.7	W	W	R15.5	W	W	W	73.8	W	91.6
2021	0.9	0.9	3.8	W	W	15.7	4.3	4.4	W	72.4	W	89.6
2022												
January	0.6	0.6	3.5	W	W	13.9	2.8	2.9	W	66.8	W	82.5

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 2021 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

	Sulfur less than or equal to 1%		Sulfur greater than 1%		Average	
Year month	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	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	1.351	1.193	1.266	1.290	1.320
2020	W	1.186	1.090	1.066	1.246	1.143
2021						
January	W	1.491	1.344	1.352	1.462	1.432
February	W	1.583	1.469	1.429	1.617	1.518
March	W	1.780	1.590	1.558	1.766	1.683
April	W	1.780	1.556	1.534	1.756	1.686
May	W	1.828	1.552	1.628	1.760	1.736
June	W	1.909	1.608	1.650	1.867	1.783
July	W	1.852	1.721	1.766	1.969	1.818
August	W	1.842	1.666	1.674	1.901	1.776
September	W	1.913	1.748	1.768	1.950	1.845
October	W	2.124	1.876	1.964	2.091	2.069
November	W	2.065	1.827	1.834	2.141	1.927
December	2.282	1.940	1.726	1.766	2.090	1.861
2021	W	1.849	1.650	1.669	1.864	1.770
2022						
January	2.342	2.210	1.871	1.966	2.160	2.085

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 2021 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

	Sulfur less than or equal to 1%		Sulfur greater than 1%		Total	
Year month	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	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	1.9	2.3	5.2
2020	W	3.9	W	2.2	2.1	6.1
2021						
January	W	2.8	W	2.1	2.1	4.9
February	W	2.8	W	2.1	2.0	4.9
March	W	3.9	W	3.0	2.1	7.0
April	W	3.0	W	1.9	2.0	4.9
May	W	2.7	W	2.3	1.8	5.1
June	W	3.0	W	2.8	2.2	5.8
July	W	2.5	W	1.6	1.8	4.1
August	W	3.0	W	1.9	2.0	4.9
September	W	2.6	W	2.3	1.8	4.9
October	W	3.9	W	2.1	2.0	6.0
November	W	2.2	W	3.4	2.2	5.6
December	1.3	3.9	0.7	3.2	1.9	7.2
2021	W	3.0	W	2.4	2.0	5.4
2022						
January	1.6	3.3	1.0	3.4	2.6	6.7

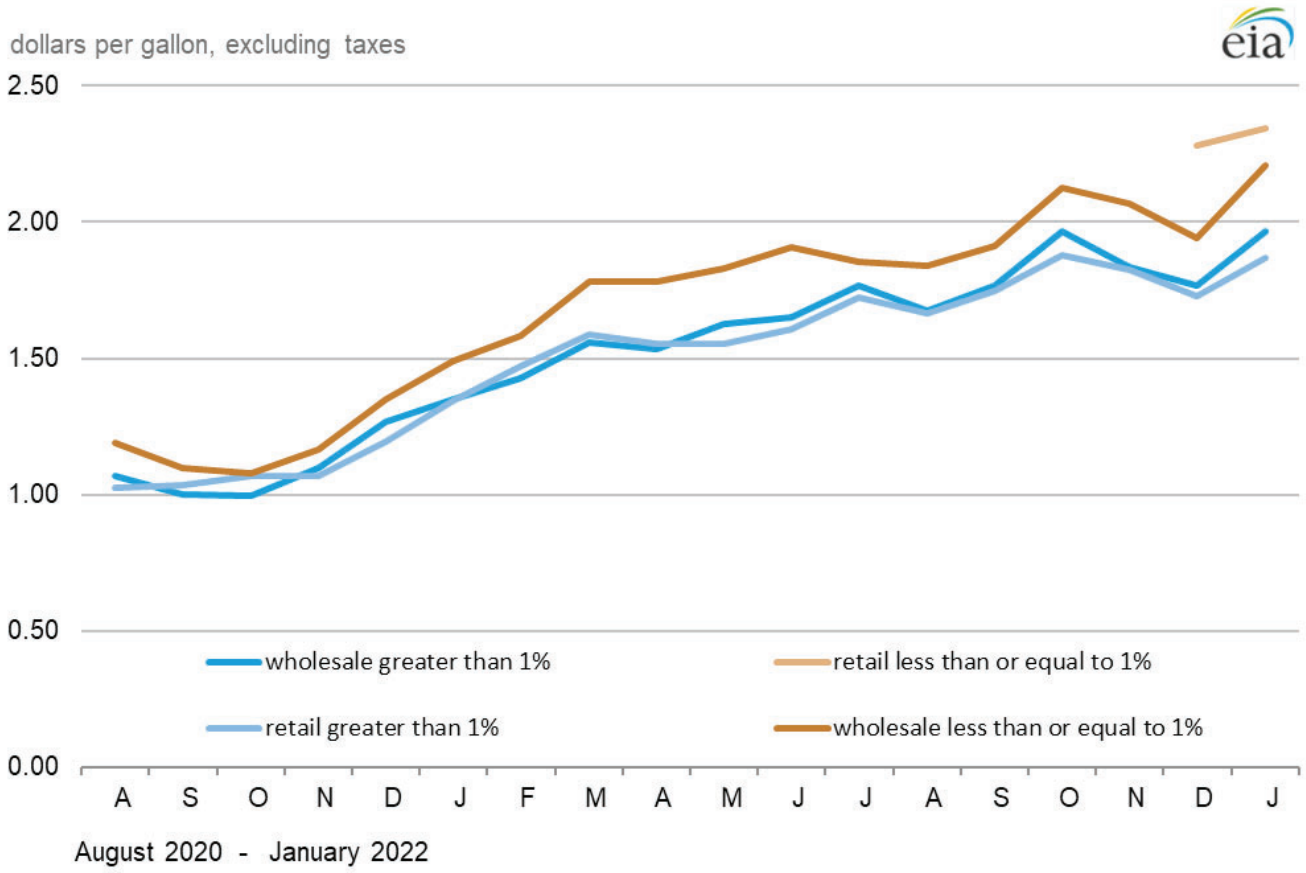
NA = Not available.

R = Revised data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2021 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

	U.S. Average		PAD District 1				PAD District 2						
Year month	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	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	56.55	56.55	50.01	W	49.82	49.15	54.23	55.74	55.94	53.68	54.12	56.54	51.24
February	49.66	49.75	43.16	W	43.23	42.15	47.03	51.94	53.46	47.66	48.98	49.40	44.16
March	31.01	30.79	23.42	W	23.42	22.45	28.21	27.30	27.13	26.48	26.55	28.07	24.22
April	15.18	15.38	10.34	W	11.07	9.38	12.72	16.22	16.29	14.40	16.64	15.73	11.81
May	18.02	17.83	17.75	W	20.22	16.43	19.08	25.65	24.92	22.80	24.33	27.89	20.50
June	33.81	34.26	25.01	W	31.63	22.52	34.80	35.02	34.78	33.51	34.32	37.55	31.58
July	37.44	37.88	30.10	W	32.47	29.49	36.96	37.39	37.25	36.38	36.07	39.93	34.28
August	39.37	39.61	31.15	W	34.42	30.43	38.14	38.91	38.65	37.89	37.52	41.57	35.92
September	36.82	37.10	28.42	W	30.65	27.12	35.64	36.34	36.18	35.34	35.04	38.83	33.41
October	36.39	36.74	29.37	W	30.68	28.35	35.39	36.16	35.96	35.12	34.78	35.77	32.98
November	38.25	38.53	30.13	W	32.48	28.89	37.34	38.04	37.81	36.99	36.55	40.33	34.81
December	43.92	44.15	36.09	W	38.06	35.02	43.63	43.94	43.72	42.87	42.50	45.89	40.68
2020	36.86	37.05	30.93	W	32.44	29.82	36.06	38.05	38.18	36.29	36.96	39.40	34.39
2021													
January	49.73	49.94	42.24	W	43.48	41.56	48.86	48.58	48.27	47.56	47.06	50.95	45.56
February	56.72	57.06	49.13	W	50.23	48.76	56.04	55.86	55.65	54.95	54.36	57.96	52.69
March	60.67	60.96	53.66	W	54.11	52.78	59.93	59.27	59.13	58.48	57.38	61.47	56.27
April	59.87	60.10	54.00	W	54.25	53.32	58.21	58.30	58.10	57.55	56.50	61.07	55.40
May	62.80	63.04	57.37	W	57.70	56.73	61.21	61.78	61.58	60.90	59.97	65.27	58.80
June	68.57	68.92	64.19	W	64.23	63.87	67.31	68.04	67.72	67.28	65.46	70.33	65.14
July	70.12	70.37	65.09	W	65.79	64.28	68.66	69.43	69.33	68.80	66.75	72.18	66.47
August	65.67	65.88	60.34	W	61.05	59.57	64.41	64.46	64.58	63.86	61.61	67.24	61.65
September	69.08	69.24	64.13	W	64.79	63.42	67.77	68.00	67.86	67.53	65.31	70.80	65.23
October	78.51	78.70	74.02	W	74.43	73.33	76.99	77.65	77.23	77.18	75.05	81.09	75.06
November	76.45	76.68	71.42	W	71.65	70.67	74.89	74.68	75.02	74.25	72.67	78.16	72.34
December	70.55	70.72	64.66	W	64.86	64.00	68.64	68.36	68.68	67.83	66.38	71.18	65.83
2021	65.90	66.15	59.68	W	60.17	59.02	64.46	64.67	65.15	64.01	62.18	67.37	61.89
2022													
January	80.32	80.59	76.19	W	75.97	76.00	79.02	79.18	78.97	78.79	77.53	82.39	77.04

See footnotes at end of table.

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

dollars per barrel

	PAD District 2 (cont.)				PAD District 3							
Year month	ND	OH	OK	SD	Average	AL	AR	LA	MS	NM	TX	Federal Offshore Gulf
1997	17.63	17.77	19.05	17.80	18.69	18.58	17.58	19.22	16.94	19.02	18.66	18.63
1998	11.39	12.20	12.73	12.29	12.19	12.08	11.10	12.59	10.33	12.36	12.28	12.03
1999	16.70	16.41	17.77	16.86	17.07	16.71	15.89	17.73	15.42	17.46	17.29	16.66
2000	28.19	27.49	29.08	28.18	28.22	27.63	26.98	29.03	26.23	28.80	28.60	27.59
2001	23.55	22.55	24.68	23.89	23.43	23.18	21.82	24.51	21.13	23.72	23.41	23.29
2002	24.15	22.61	24.49	23.96	23.74	23.39	21.50	24.84	22.11	24.11	23.77	23.49
2003	29.27	28.18	29.72	28.94	29.08	28.97	26.57	30.52	27.46	29.52	29.13	28.72
2004	39.30	38.27	39.95	38.40	38.41	38.79	36.67	40.48	37.03	39.25	38.79	37.07
2005	52.38	53.47	54.46	50.65	51.96	53.26	50.86	54.05	49.58	52.84	52.61	49.78
2006	56.69	62.89	63.11	51.85	61.49	63.16	58.67	64.23	59.35	61.74	61.31	60.80
2007	65.30	68.09	69.31	62.78	68.37	71.10	64.25	71.63	68.65	68.94	68.30	67.40
2008	88.68	96.43	96.15	87.42	97.64	96.71	90.91	100.89	94.60	96.23	96.85	99.10
2009	53.75	56.35	56.56	50.75	57.77	55.25	53.07	59.18	58.29	57.08	57.40	58.22
2010	70.26	73.68	75.18	69.04	76.57	75.54	71.01	78.25	76.41	75.64	76.23	77.06
2011	88.74	90.79	90.94	87.08	96.79	105.99	87.61	106.20	100.43	90.93	91.99	105.65
2012	84.06	92.87	89.97	83.10	96.11	104.81	89.39	105.97	100.80	88.01	92.50	105.95
2013	90.22	94.89	94.25	89.28	97.53	103.10	92.98	105.18	100.44	92.13	95.80	103.29
2014	82.89	83.95	89.25	82.78	88.43	89.73	85.23	94.13	90.81	83.44	87.02	93.33
2015	41.42	38.40	44.96	42.73	45.61	44.55	43.04	48.43	46.81	44.40	44.95	47.67
2016	36.51	37.04	39.51	36.39	39.19	38.53	37.21	41.08	39.18	39.18	39.35	38.63
2017	47.04	46.14	48.41	45.60	48.50	48.34	44.60	50.37	48.06	47.90	48.57	48.46
2018	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	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	51.07	55.78	50.88	57.12	56.23	52.23	59.04	56.07	56.55	57.25	57.03
February	46.18	44.01	48.60	43.81	50.57	49.17	45.05	51.70	49.68	49.44	49.88	53.16
March	28.64	24.30	28.14	23.66	31.77	28.68	24.67	31.15	28.75	29.83	30.34	37.10
April	11.76	12.44	14.28	10.05	15.95	12.59	12.74	16.12	14.14	15.32	14.75	19.62
May	18.03	21.17	19.96	10.31	16.95	18.03	22.15	20.97	20.80	17.24	16.92	16.60
June	35.98	31.29	33.77	33.96	34.04	34.52	32.59	36.55	36.08	33.98	34.90	31.49
July	36.80	33.43	37.87	34.80	38.11	36.19	35.46	39.15	37.76	37.69	38.37	37.54
August	37.66	35.52	39.51	36.11	40.06	38.23	36.80	40.66	39.95	39.95	39.98	40.56
September	35.36	33.12	36.68	33.13	37.56	35.48	34.54	38.50	37.18	37.31	37.09	39.27
October	35.02	33.45	36.62	33.30	37.15	35.15	34.23	37.81	36.70	37.14	36.97	37.94
November	36.98	34.75	38.45	35.17	38.83	36.79	36.16	39.51	39.04	38.68	38.77	39.11
December	43.57	40.66	44.27	40.66	44.23	42.46	41.60	45.35	44.45	44.35	44.64	43.02
2020	35.63	33.36	37.05	32.72	37.31	36.19	35.16	38.91	37.76	36.86	37.17	37.96
2021												
January	48.93	45.39	49.40	45.76	50.20	47.99	45.56	50.68	49.48	49.89	50.41	49.87
February	56.14	52.47	56.58	52.90	57.32	55.29	53.01	58.36	56.60	57.07	57.80	56.39
March	60.19	56.64	60.18	57.08	61.24	59.20	56.62	61.70	60.72	61.45	61.30	60.99
April	57.74	55.91	59.49	56.62	60.53	58.61	55.46	61.24	59.90	60.29	60.36	61.25
May	60.53	59.31	62.72	59.50	63.42	61.61	58.92	64.08	62.70	63.44	63.48	63.27
June	66.53	65.73	69.01	65.71	69.28	67.73	65.27	70.18	68.75	69.57	69.49	68.53
July	67.80	67.18	70.37	67.58	70.80	69.67	66.70	71.50	69.98	71.13	70.78	70.71
August	63.82	62.15	65.91	63.57	66.24	64.05	61.64	66.38	64.48	66.35	66.02	67.01
September	66.98	65.93	69.58	67.07	69.57	67.66	65.05	69.98	68.18	70.06	69.85	67.57
October	75.81	75.61	79.31	76.88	79.06	77.65	74.99	79.91	78.28	79.97	79.79	75.79
November	74.17	72.62	76.69	74.36	77.21	74.80	72.04	77.25	75.26	77.28	77.43	76.57
December	67.89	65.97	70.62	68.05	71.32	67.95	65.53	R70.69	68.73	71.19	71.32	71.64
2021	63.88	61.39	66.02	62.88	66.54	64.58	62.00	66.50	65.10	66.90	66.86	65.43
2022												
January	78.18	77.12	80.93	77.98	81.02	79.55	76.74	81.83	80.19	81.81	81.84	77.79

See footnotes at end of table.

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

dollars per barrel

	PAD District 4					PAD District 5				
Year month	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	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	11.19	9.53	9.95	18.69	10.79	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	35.05	31.07	-	40.37	W
August	36.93	37.99	35.57	37.49	36.45	38.35	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	33.33	31.40	33.21	34.91	34.34	36.65	33.98	W	40.21	W
2021										
January	46.97	47.83	45.03	47.76	46.65	49.10	46.69	-	52.85	W
February	53.49	54.73	52.09	53.06	53.52	55.48	52.37	-	60.28	W
March	57.05	58.09	56.39	56.25	57.21	59.34	56.52	-	63.87	W
April	56.65	56.92	56.76	55.35	57.17	58.92	56.04	-	62.95	W
May	60.01	60.63	59.43	57.84	60.88	61.93	59.16	-	66.26	W
June	65.81	66.83	65.23	63.42	66.70	66.78	63.73	-	71.54	W
July	66.97	67.39	66.45	64.30	68.28	68.60	65.90	-	72.21	W
August	62.65	63.02	62.47	60.11	63.79	64.73	62.24	-	68.08	W
September	66.33	66.93	65.93	62.79	67.93	68.93	66.69	-	72.14	W
October	76.59	77.97	76.10	71.28	78.15	77.84	75.69	-	81.21	W
November	73.86	74.95	73.97	69.00	75.61	74.53	73.03	-	77.01	W
December	67.11	68.17	67.31	62.90	68.41	69.36	68.01	-	71.55	W
2021	63.69	65.97	62.47	60.74	64.32	64.63	62.20	-	68.33	W
2022										
January	77.65	79.17	77.65	73.69	78.48	78.34	76.33	-	81.62	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 2020 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	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	57.87	56.25	55.40	57.39	56.50	52.01
February	48.24	53.93	50.70	53.15	48.50	50.45	50.00	49.17	45.03
March	34.68	31.47	28.50	35.58	31.74	32.24	31.48	29.32	24.97
April	12.29	W	16.53	18.17	15.64	15.13	15.54	14.76	11.07
May	20.52	W	26.82	15.76	19.84	17.35	17.05	15.61	22.08
June	26.24	W	37.47	31.77	36.45	33.21	35.06	36.21	33.96
July	31.07	W	39.89	35.91	38.30	38.37	38.45	38.36	34.98
August	35.80	W	40.60	39.85	40.63	41.31	40.18	40.47	36.53
September	31.90	W	38.12	36.78	37.45	39.28	37.34	37.62	33.66
October	30.82	W	37.93	36.84	37.46	37.89	37.08	37.39	34.35
November	34.69	W	39.95	38.00	39.53	39.69	38.86	39.30	36.36
December	40.64	W	46.76	43.85	44.33	44.66	44.68	45.31	42.32
2020	33.98	40.26	39.04	38.12	38.10	36.89	37.35	37.35	34.95
2021									
January	46.69	W	51.75	52.07	51.03	50.66	50.63	51.00	47.30
February	52.37	W	59.16	59.18	58.35	57.88	58.17	58.57	54.41
March	56.52	W	63.00	63.49	62.13	61.17	61.81	61.83	57.94
April	56.04	W	61.82	63.13	61.46	60.76	60.84	60.31	57.65
May	59.16	W	65.25	65.54	64.46	63.92	63.88	64.00	61.42
June	63.73	W	70.41	71.68	70.51	69.89	69.79	70.18	67.46
July	65.90	W	70.97	72.91	71.79	70.90	71.50	71.21	69.17
August	62.24	W	66.75	68.30	66.28	65.45	66.80	66.63	64.70
September	66.69	W	71.01	70.57	70.47	67.54	70.36	70.09	68.76
October	75.69	W	80.13	78.78	80.29	78.62	80.08	80.17	78.74
November	73.03	W	75.90	78.32	77.84	75.63	77.69	77.46	76.47
December	68.01	W	70.58	73.02	71.58	68.86	71.94	70.35	69.72
2021	62.20	67.83	67.22	67.54	66.11	65.42	67.49	66.78	64.84
2022									
January	76.33	W	80.68	81.41	83.25	80.57	82.08	81.32	79.87

- = 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 2020 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	62.43	62.03	57.27	57.20	54.35	55.12
2020						
January	62.86	61.73	56.16	56.29	57.08	56.25
February	53.45	52.84	47.92	50.78	49.70	48.82
March	31.20	31.18	34.22	32.28	31.03	28.50
April	19.11	18.77	12.23	15.93	15.41	13.69
May	27.48	27.74	20.53	16.66	17.66	18.24
June	37.99	38.53	26.44	33.97	35.16	35.43
July	39.84	39.61	31.16	37.83	38.31	37.95
August	41.36	41.53	35.80	40.75	40.04	39.46
September	38.78	38.94	31.88	38.37	37.20	36.79
October	38.42	38.59	30.86	37.57	36.99	36.67
November	40.46	40.71	34.68	39.20	38.80	38.53
December	47.14	47.21	40.61	44.60	44.62	44.60
2020	40.03	40.15	33.93	37.44	37.34	36.74
2021						
January	52.30	52.09	46.61	51.02	50.50	49.91
February	59.63	60.06	52.29	58.29	57.99	56.97
March	63.21	63.47	56.45	62.13	61.66	60.91
April	62.20	62.85	55.96	61.18	60.72	59.42
May	65.45	65.92	59.10	64.21	63.81	62.43
June	70.80	71.51	63.67	70.23	69.73	68.53
July	71.83	72.24	65.80	71.41	71.41	69.90
August	67.54	68.06	62.13	66.51	66.71	65.45
September	71.73	71.92	66.56	69.26	70.32	68.93
October	80.85	81.01	75.61	78.93	80.02	78.40
November	76.73	77.17	72.94	76.78	77.58	76.16
December	71.19	71.65	67.82	70.40	71.73	70.02
2021	67.71	68.11	62.10	66.37	67.38	65.73
2022						
January	81.43	81.99	76.20	80.70	81.95	80.57

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 2020 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

	Selected countries									
Year month	Angola	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela	Persian Gulf[b]	Total OPEC[c]	Non OPEC
1997	18.81	18.85	16.72	19.43	15.16	18.59	15.33	15.24	16.26	17.51
1998	12.11	12.56	10.49	12.97	8.87	12.52	9.31	9.09	10.20	11.21
1999	17.46	17.20	15.89	17.32	17.65	19.14	14.33	17.15	15.90	16.84
2000	27.90	29.04	25.39	28.70	24.62	27.21	24.45	24.72	25.56	26.77
2001	23.25	24.25	18.89	24.85	18.98	23.30	18.01	18.89	19.73	21.04
2002	24.09	24.64	21.60	25.38	23.92	24.50	20.13	23.38	22.18	22.93
2003	28.22	28.89	24.83	29.40	25.03	28.76	23.81	25.17	25.36	26.21
2004	37.26	37.73	31.55	38.71	34.08	37.30	31.78	33.08	33.95	33.58
2005	52.48	51.89	43.00	55.95	47.96	54.48	46.39	47.21	49.60	45.79
2006	62.23	59.77	52.91	65.69	56.09	66.03	55.80	56.02	59.18	55.35
2007	67.80	67.93	61.35	76.64	W	69.96	64.10	69.93	69.58	62.69
2008	95.66	91.17	84.61	102.06	93.03	96.33	88.06	91.44	93.15	87.15
2009	57.07	57.90	56.47	64.61	57.87	65.63	55.58	59.53	58.53	57.16
2010	78.18	72.56	72.46	80.83	76.44	W	70.30	75.65	75.23	73.24
2011	111.82	100.21	100.90	115.35	107.08	-	97.23	106.47	105.34	98.49
2012	111.23	106.43	101.84	114.51	106.65	-	100.15	105.45	104.39	95.71
2013	107.71	101.24	98.40	110.06	101.16	W	97.52	100.62	100.57	93.67
2014	W	80.75	86.55	W	95.60	-	84.51	94.03	89.76	82.95
2015	W	47.52	44.90	W	47.53	-	40.73	46.95	43.25	41.19
2016	42.68	35.28	36.22	46.20	39.30	W	34.71	38.76	38.51	34.81
2017	W	48.34	46.66	54.77	51.30	W	45.60	50.16	49.55	43.30
2018	74.44	62.51	62.75	71.41	68.23	71.65	61.25	66.55	65.61	51.41
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	51.96	46.61
February	-	W	47.74	W	W	W	-	51.87	53.40	40.68
March	W	27.34	28.59	W	W	W	-	24.18	28.56	23.61
April	W	19.88	12.25	W	21.44	-	-	21.44	22.92	12.23
May	-	W	22.92	W	W	W	-	29.19	30.80	18.09
June	-	33.32	34.36	W	W	W	-	40.59	41.17	32.84
July	-	W	37.95	W	42.98	-	-	40.60	41.32	36.08
August	-	40.34	40.16	W	W	-	-	W	44.02	37.20
September	-	37.36	38.42	W	W	-	-	W	41.19	35.82
October	W	W	37.12	W	-	-	-	-	40.10	34.01
November	-	W	39.55	-	-	W	-	W	W	36.36
December	W	W	45.09	W	W	-	-	W	52.06	40.99
2020	W	36.03	36.00	W	35.35	43.39	-	36.06	38.34	33.22
2021										
January	-	W	50.54	W	55.18	-	-	54.23	55.26	45.40
February	-	W	56.46	W	60.73	W	-	58.53	60.66	52.03
March	-	W	59.46	W	W	-	-	62.12	63.76	56.49
April	-	62.48	59.54	W	65.55	-	-	63.85	64.57	56.49
May	W	W	62.26	72.66	67.70	-	-	66.13	68.01	60.31
June	W	W	67.27	W	70.06	W	-	70.06	71.60	64.02
July	W	W	68.52	W	W	-	-	W	73.71	64.65
August	W	W	63.71	W	73.37	-	-	70.48	71.50	61.62
September	W	W	66.81	W	W	-	-	W	76.73	64.89
October	W	W	74.81	-	W	W	-	W	78.24	72.86
November	-	W	R75.08	W	W	-	-	R76.78	R79.24	R70.10
December	W	W	R67.18	-	W	W	-	R71.23	R71.80	R63.99
2021	75.02	65.33	R64.42	73.83	R67.94	W	-	R66.39	R68.99	R60.91
2022										
January	-	W	75.16	W	W	-	-	80.68	83.31	70.39

- = 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 2020 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

	Selected countries										
Year month	Angola	Canada	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela	Persian Gulf[a]	Total OPEC[b]	Non OPEC
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	68.58	51.10	62.83	57.96	68.78	64.86	66.65	52.36	63.27	63.41	54.65
2020											
January	W	45.70	62.93	55.93	W	53.68	W	-	55.30	56.42	50.32
February	-	39.83	54.16	49.66	54.23	55.20	W	-	54.48	54.45	43.29
March	W	23.51	34.75	29.42	W	24.34	W	-	27.39	28.49	26.76
April	30.93	13.35	23.24	13.73	W	22.98	W	-	23.42	23.99	15.55
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	40.23	W	-	41.20	41.61	35.20
July	-	37.69	37.64	38.72	W	43.64	45.81	-	42.95	43.61	38.42
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	37.66
October	W	35.63	38.29	37.53	W	44.98	W	-	43.49	42.11	36.68
November	W	36.98	43.35	40.06	W	W	48.92	-	43.86	45.41	38.87
December	W	41.59	46.62	45.76	53.81	54.19	51.22	-	51.59	52.89	43.75
2020	41.03	33.81	41.04	37.18	46.24	35.84	44.51	-	37.98	39.28	35.95
2021											
January	W	46.06	W	51.32	W	58.83	-	-	57.43	58.18	48.21
February	-	51.58	60.79	57.08	W	62.72	66.55	-	60.95	62.41	54.46
March	W	56.03	W	60.74	W	65.49	W	-	64.56	65.26	58.25
April	-	57.36	64.38	60.30	68.45	69.04	W	-	66.60	67.17	59.60
May	70.56	60.48	66.44	63.05	72.44	70.61	W	-	69.15	70.09	62.58
June	W	64.53	69.84	68.09	W	70.17	74.58	-	70.85	72.24	66.68
July	W	65.10	71.74	69.12	67.47	71.81	76.48	-	72.05	72.12	67.55
August	W	62.22	67.43	64.40	W	75.14	W	-	72.86	73.48	64.44
September	W	64.91	71.23	67.62	W	75.58	W	-	74.11	75.04	67.51
October	W	72.79	80.14	75.96	-	76.63	84.79	-	76.91	77.70	75.24
November	-	71.47	75.86	R76.03	W	R80.81	-	-	R79.32	R80.48	R73.73
December	W	R63.39	R75.60	R68.04	-	R75.09	R80.80	-	R71.88	R73.69	R66.38
2021	R75.64	R61.29	R69.25	R65.48	73.90	R71.55	R74.71	-	R70.53	R71.24	R63.86
2022											
January	-	69.96	79.77	76.57	W	84.43	-	-	80.51	81.79	72.78

- = 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 2020 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	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	38.29	45.17	52.21	38.00	-	W
March	21.99	21.67	30.18	30.46	28.58	-	W
April	11.33	9.06	16.66	20.14	19.93	W	W
May	17.20	17.83	21.40	19.57	24.28	W	W
June	29.90	31.92	35.24	37.37	35.07	W	W
July	32.43	35.65	34.95	39.54	40.81	W	-
August	34.78	36.71	35.24	41.32	39.88	-	W
September	30.98	34.16	32.19	39.60	39.25	W	-
October	31.30	33.30	34.56	38.04	37.65	W	W
November	32.37	34.98	32.44	40.31	39.20	W	W
December	37.68	39.34	41.98	45.65	47.06	-	W
2020	29.67	31.85	35.78	38.34	35.58	45.09	W
2021							
January	40.45	43.73	46.81	52.06	51.31	-	W
February	50.99	49.44	57.70	57.01	60.65	W	W
March	55.12	54.23	58.50	61.74	62.93	W	W
April	53.63	54.26	55.33	63.65	64.12	W	W
May	56.50	57.79	64.10	66.69	67.65	-	W
June	60.16	61.76	68.25	69.25	71.52	-	W
July	60.15	62.68	69.55	69.70	73.07	W	W
August	56.55	59.12	59.91	68.88	71.42	W	W
September	60.38	62.20	69.09	72.92	74.70	-	W
October	67.79	69.44	73.47	78.29	81.43	W	W
November	67.37	R68.34	68.04	R76.09	81.07	W	W
December	R60.11	R60.79	R65.80	R71.20	R76.07	-	W
2021	R58.70	R58.10	R61.90	R67.22	R69.44	73.13	R72.62
2022							
January	65.84	67.61	71.12	79.85	81.29	W	-

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary

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

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

dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	14.42	15.79	18.57	18.42	20.34	21.09	20.85
1998	8.19	9.73	11.81	12.31	13.73	14.40	14.38
1999	13.40	15.30	17.33	17.81	18.18	19.22	18.48
2000	23.49	24.71	27.60	27.91	29.99	30.37	31.10
2001	17.66	18.14	23.29	22.21	24.86	26.59	26.49
2002	20.59	21.33	24.40	24.91	25.73	26.49	25.96
2003	23.87	25.15	27.78	28.78	29.95	30.73	30.90
2004	30.96	31.92	35.99	37.94	39.82	41.25	41.59
2005	42.20	42.24	49.94	52.18	54.95	58.38	56.43
2006	51.84	52.62	59.38	61.88	64.80	68.44	66.78
2007	59.01	60.64	68.95	72.03	73.17	75.68	73.57
2008	85.39	84.76	97.30	96.83	99.90	103.68	99.23
2009	56.38	55.68	61.28	62.43	64.80	64.82	63.90
2010	71.54	71.07	78.35	79.64	81.25	81.09	82.17
2011	96.89	93.32	106.06	108.76	110.93	115.40	113.24
2012	97.49	91.32	105.92	107.23	107.27	112.70	115.67
2013	95.87	88.35	101.63	102.97	104.39	110.66	105.88
2014	85.31	81.44	93.64	95.20	94.50	100.17	100.25
2015	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	55.35	52.45	59.50	62.18	58.78	64.00	66.06
2020							
January	50.96	46.84	57.89	57.39	54.81	62.71	W
February	42.58	40.73	47.63	52.71	46.42	W	W
March	26.39	24.85	32.47	28.46	32.59	W	23.27
April	15.15	12.60	19.57	22.31	25.59	32.04	W
May	20.48	19.51	25.61	25.50	27.96	36.78	W
June	34.35	34.47	36.92	38.67	37.81	47.86	W
July	36.88	37.80	37.46	41.25	43.68	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	47.59	W
October	36.15	35.53	38.15	40.10	40.01	44.92	W
November	37.28	37.19	40.46	42.65	44.29	54.70	W
December	43.11	41.87	44.76	48.55	50.57	55.87	W
2020	34.60	34.13	38.84	39.12	40.34	47.97	44.32
2021							
January	47.47	46.42	48.45	54.37	53.76	51.47	65.17
February	54.16	51.83	57.88	59.85	60.94	W	64.88
March	58.70	55.94	61.25	63.39	63.25	W	66.11
April	58.35	57.05	60.61	66.10	66.76	66.64	W
May	62.14	59.92	64.36	68.72	69.43	69.52	73.56
June	65.84	64.34	69.78	70.99	71.69	72.29	W
July	65.55	65.34	68.34	71.93	72.65	74.07	W
August	62.35	61.47	66.08	71.89	71.02	71.26	W
September	65.39	64.96	70.35	73.90	73.54	72.74	W
October	72.68	72.29	77.69	79.65	79.37	79.52	81.93
November	72.16	R71.50	74.29	R79.99	R81.60	82.03	80.09
December	R66.06	R62.98	R70.00	R74.01	R71.18	W	W
2021	R63.59	R61.02	R65.90	R70.03	R69.74	72.74	R72.57
2022							
January	72.58	69.56	75.87	79.86	81.05	90.64	-

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R = Revised data.

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

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

percent by interval

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	6.05	21.88	13.33	34.43	21.28	1.77	1.27
1998	5.84	20.29	13.99	35.62	20.81	1.88	1.57
1999	4.76	17.78	14.18	36.54	21.46	3.72	1.57
2000	6.21	18.88	13.41	36.90	19.83	3.44	1.35
2001	7.97	20.78	11.60	36.10	19.63	2.71	1.21
2002	8.28	22.29	11.44	35.28	18.29	2.67	1.75
2003	8.29	24.25	9.97	35.60	17.19	2.70	1.99
2004	11.13	23.70	8.18	34.57	17.68	2.10	2.64
2005	11.94	22.83	10.20	31.87	16.92	3.68	2.55
2006	13.04	23.28	11.18	28.22	15.73	5.82	2.74
2007	11.72	23.12	11.18	28.86	16.71	5.57	2.84
2008	13.22	23.50	11.51	30.42	14.64	4.24	2.47
2009	14.08	26.11	7.78	29.74	13.76	5.65	2.88
2010	15.13	26.01	5.35	30.73	14.35	5.57	2.86
2011	17.20	27.47	6.02	30.64	13.42	3.58	1.68
2012	16.66	29.77	8.41	28.31	12.84	3.36	0.65
2013	16.20	33.87	8.74	29.98	9.67	1.28	0.27
2014	18.49	36.73	9.78	26.96	7.19	0.75	0.11
2015	19.51	38.05	8.63	26.17	7.15	0.43	0.06
2016	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	12.42	43.34	11.30	20.05	9.16	2.16	1.58
2020							
January	11.06	51.03	9.75	20.95	4.59	W	W
February	11.81	49.41	9.85	21.62	4.36	W	W
March	12.83	46.85	9.76	25.25	4.01	W	W
April	13.70	41.56	6.88	30.36	5.43	W	W
May	10.82	45.64	9.13	23.45	8.49	W	W
June	11.41	46.63	10.74	23.26	5.22	W	W
July	12.03	50.00	9.26	19.89	5.70	W	W
August	18.61	43.18	7.40	23.85	4.45	1.81	0.70
September	15.17	42.32	7.11	21.59	8.37	W	W
October	12.56	53.37	9.27	14.05	7.33	W	W
November	11.54	53.27	7.43	20.29	4.76	W	W
December	12.57	45.31	10.30	21.56	7.37	W	W
2020	12.82	47.40	8.92	22.32	5.75	1.38	1.41
2021							
January	8.16	49.99	8.83	24.63	6.41	0.75	1.23
February	11.56	48.27	6.04	22.55	7.58	W	W
March	11.09	49.73	6.96	21.14	7.87	W	W
April	11.57	46.32	6.59	21.58	11.26	W	W
May	7.54	47.07	7.43	22.84	12.79	1.00	1.32
June	9.65	45.50	5.80	25.58	10.84	W	W
July	11.15	45.65	5.70	26.91	8.02	W	W
August	11.06	42.24	9.58	25.72	8.66	W	W
September	15.14	40.91	7.91	26.33	8.34	W	W
October	14.61	39.02	8.58	28.68	6.45	0.91	1.74
November	R13.75	R45.56	R6.80	R22.26	R6.72	R2.83	R2.07
December	R10.26	R51.67	R9.59	R21.46	R6.17	W	W
2021	R11.31	R45.91	R7.54	R24.21	R8.41	R1.16	R1.47
2022							
January	11.49	47.73	11.91	18.31	9.52	1.04	-

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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	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	39.29	-	-
December	W	W	45.56	-	-
4th quarter average	W	W	40.64	-	-
2020	W	W	36.74	W	-
2021					
January	-	W	50.26	-	-
February	-	W	57.07	W	-
March	-	W	59.55	-	-
1st quarter average	-	W	55.42	W	-
April	W	W	59.00	-	-
May	-	64.63	62.11	W	-
June	-	W	66.72	W	-
2nd quarter average	W	65.41	62.85	W	-
July	-	W	68.25	W	-
August	-	W	63.31	-	-
September	-	-	66.55	W	-
3rd quarter average	-	W	66.14	W	-
October	-	W	75.19	-	-
November	-	W	R74.88	-	-
December	-	W	R66.95	-	-
4th quarter average	-	W	R72.12	-	-
2021	W	64.79	R64.01	W	-
2022					
January	W	-	74.78	-	-

- = 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 steams 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 2020 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	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	-	-	9.34	14.23	-
May	-	-	12.37	15.09	-
June	-	-	W	37.81	-
2nd quarter average	-	-	19.60	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
2021					
January	W	-	W	49.30	W
February	W	-	W	56.92	-
March	W	-	53.42	60.14	W
1st quarter average	W	-	47.61	53.47	W
April	W	-	52.71	62.94	W
May	W	-	55.55	64.81	W
June	-	-	58.68	69.26	W
2nd quarter average	W	-	55.59	65.80	W
July	-	-	60.91	71.10	W
August	-	-	56.61	66.78	W
September	-	-	59.10	70.59	W
3rd quarter average	-	-	59.12	69.82	W
October	W	-	71.36	74.43	-
November	-	-	67.54	78.41	W
December	-	-	R56.71	R69.98	W
4th quarter average	W	-	R63.35	R74.42	W
2021	W	-	R56.98	R64.93	W
2022					
January	-	-	W	78.60	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	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	49.49	-
March	40.38	30.08	38.05	28.62	-
1st quarter average	53.79	45.07	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	40.99	25.71	-
July	41.62	-	42.97	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	42.10	39.72	-
October	40.76	W	W	37.49	-
November	42.83	W	41.13	39.70	-
December	48.98	W	47.25	46.12	-
4th quarter average	44.55	43.52	43.01	41.08	-
2020	44.49	40.60	45.41	37.54	-
2021					
January	58.25	53.23	W	50.99	-
February	W	W	W	57.52	-
March	64.45	64.06	63.36	60.68	-
1st quarter average	61.83	58.91	59.68	56.04	-
April	66.21	62.72	W	59.56	-
May	W	W	67.04	62.74	W
June	72.99	W	W	67.35	-
2nd quarter average	68.65	66.23	68.88	63.45	W
July	W	W	W	68.78	-
August	71.37	W	W	63.75	-
September	74.09	70.49	W	67.17	-
3rd quarter average	72.81	70.60	W	66.66	-
October	80.39	W	78.01	75.79	-
November	79.59	W	76.28	R75.69	-
December	R76.12	W	70.63	R67.76	-
4th quarter average	R78.42	W	75.12	R73.11	-
2021	R70.60	66.66	69.28	R64.73	W
2022					
January	W	W	W	75.39	-

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	W	65.28	64.40	66.19	W
2020					
January	-	51.55	W	W	-
February	-	55.70	W	W	-
March	-	24.85	22.09	W	-
1st quarter average	-	40.69	27.52	W	-
April	-	22.79	20.55	W	-
May	W	31.84	28.07	W	-
June	-	W	42.13	-	-
2nd quarter average	W	27.85	27.92	W	-
July	W	W	42.47	W	-
August	-	W	W	W	-
September	-	43.42	42.55	-	-
3rd quarter average	W	43.56	42.42	W	-
October	-	W	W	-	-
November	W	W	W	W	-
December	-	54.70	W	W	-
4th quarter average	W	48.49	W	W	-
2020	W	37.61	31.86	45.94	-
2021					
January	-	60.26	56.50	W	-
February	W	63.08	W	W	-
March	-	W	W	W	-
1st quarter average	W	63.08	58.15	W	-
April	-	69.61	W	-	-
May	W	71.80	W	W	-
June	W	69.95	W	-	-
2nd quarter average	W	70.51	W	W	-
July	W	71.81	-	-	-
August	-	75.85	W	W	-
September	W	75.53	W	W	-
3rd quarter average	W	74.72	W	W	-
October	-	76.99	W	-	-
November	-	R80.83	W	W	-
December	-	73.93	W	W	-
4th quarter average	-	R77.87	W	W	-
2021	W	R72.29	R68.25	69.02	-
2022					
January	-	83.91	W	W	-

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - Effective January 2009, selected crude streams were discontinued and new crude steams 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 2020 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

	Regular			Midgrade			Premium			All grades		
	Sales to end users			Sales to end users			Sales to end users			Sales to end users		
Geographic area month	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]	Sales for resale
United States												
January 2022	3.020	2.421	2.375	3.466	NA	2.589	3.709	NA	2.748	3.163	2.438	2.423
December 2021	3.165	2.414	2.256	3.581	2.511	2.448	3.762	2.672	2.639	3.312	2.434	2.304
January 2021	1.887	1.623	1.531	2.275	NA	1.727	2.531	2.172	1.851	1.988	1.652	1.575
PAD District 1												
January 2022	2.758	2.390	2.331	NA	W	2.541	NA	W	2.653	NA	2.419	2.371
December 2021	W	NA	2.221	W	W	2.417	W	W	2.563	W	2.279	2.263
January 2021	1.788	1.569	1.509	2.074	W	1.679	2.302	-	1.805	1.875	NA	1.548
Subdistrict 1A												
January 2022	-	W	2.375	-	-	NA	-	-	2.616	-	W	2.408
December 2021	-	W	2.294	-	-	2.518	-	-	2.573	-	W	2.333
January 2021	W	W	1.538	W	-	1.699	W	-	1.779	W	W	1.573
Connecticut												
January 2022	-	W	2.376	-	-	2.483	-	-	2.638	-	W	2.417
December 2021	-	W	2.302	-	-	2.401	-	-	2.594	-	W	2.348
January 2021	-	W	1.538	-	-	1.645	-	-	1.778	-	W	1.577
Maine												
January 2022	-	-	2.436	-	-	W	-	-	W	-	-	2.457
December 2021	-	-	2.353	-	-	W	-	-	W	-	-	2.372
January 2021	-	-	1.572	-	-	W	-	-	W	-	-	1.590
Massachusetts												
January 2022	-	-	2.351	-	-	2.419	-	-	2.548	-	-	2.379
December 2021	-	-	2.263	-	-	2.326	-	-	2.511	-	-	2.299
January 2021	W	-	1.511	W	-	NA	W	-	1.712	W	-	1.540
New Hampshire												
January 2022	-	-	W	-	-	-	-	-	W	-	-	W
December 2021	-	-	W	-	-	-	-	-	W	-	-	W
January 2021	W	-	W	W	-	-	W	-	W	W	-	W
Rhode Island												
January 2022	-	-	2.384	-	-	W	-	-	2.713	-	-	2.430
December 2021	-	-	2.310	-	-	W	-	-	2.659	-	-	2.360
January 2021	W	-	1.561	W	-	W	W	-	W	W	-	1.614
Vermont												
January 2022	-	-	W	-	-	-	-	-	2.645	-	-	W
December 2021	-	-	W	-	-	-	-	-	2.554	-	-	W
January 2021	-	-	W	-	-	-	-	-	1.748	-	-	W
Subdistrict 1B												
January 2022	W	-	2.345	W	-	2.562	W	-	2.597	W	-	2.378
December 2021	W	-	2.246	W	-	2.453	W	-	2.536	W	-	2.284
January 2021	1.849	-	1.510	2.109	-	1.615	2.303	-	1.738	1.938	-	1.541
Delaware												
January 2022	-	-	2.355	-	-	2.576	-	-	2.540	-	-	2.375
December 2021	-	-	2.264	-	-	2.485	-	-	2.507	-	-	2.292
January 2021	W	-	1.521	W	-	1.708	W	-	1.708	W	-	1.542
District of Columbia												
January 2022	-	-	-	-	-	-	-	-	-	-	-	-
December 2021	-	-	-	-	-	-	-	-	-	-	-	-
January 2021	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
January 2022	-	-	2.323	-	-	2.393	-	-	2.504	-	-	2.347
December 2021	-	-	2.214	-	-	2.278	-	-	2.397	-	-	2.240
January 2021	-	-	1.494	-	-	1.547	-	-	1.648	-	-	1.516
New Jersey												
January 2022	NA	-	2.331	NA	-	2.496	NA	-	2.540	NA	-	2.358
December 2021	W	-	2.232	W	-	2.402	W	-	2.497	W	-	2.266
January 2021	W	-	1.494	W	-	1.580	W	-	1.692	W	-	1.522
New York												
January 2022	W	-	2.399	W	-	2.792	W	-	NA	W	-	2.451
December 2021	W	-	2.330	W	-	NA	W	-	2.663	W	-	2.385
January 2021	1.894	-	1.550	2.145	-	1.777	2.338	-	1.843	1.983	-	1.604
Pennsylvania												
January 2022	W	-	2.320	W	-	2.433	W	-	2.558	W	-	2.341
December 2021	W	-	2.193	W	-	2.362	W	-	2.480	W	-	2.220
January 2021	W	-	1.500	W	-	1.616	W	-	1.702	W	-	1.519

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

	Regular			Midgrade			Premium			All grades		
	Sales to end users			Sales to end users			Sales to end users			Sales to end users		
Geographic area month	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]	Sales for resale
Subdistrict 1C												
January 2022	W	2.391	2.317	W	W	2.524	W	W	2.698	W	2.420	2.361
December 2021	-	2.206	2.196	-	W	2.397	-	W	2.581	-	2.278	2.241
January 2021	W	1.570	1.505	W	W	1.693	W	-	1.852	W	1.516	1.550
Florida												
January 2022	W	W	2.343	W	-	2.546	W	W	2.708	W	W	2.391
December 2021	-	W	2.223	-	-	2.433	-	-	2.591	-	W	2.271
January 2021	W	W	1.527	W	-	1.701	W	-	1.857	W	W	1.574
Georgia												
January 2022	-	W	2.311	-	-	2.527	-	-	2.752	-	W	2.362
December 2021	-	2.202	2.193	-	-	2.402	-	W	2.637	-	2.210	2.246
January 2021	W	W	1.495	W	-	1.677	W	-	1.909	W	W	1.546
North Carolina												
January 2022	-	W	2.288	-	-	2.520	-	-	2.674	-	W	2.328
December 2021	-	W	2.165	-	-	2.387	-	-	2.568	-	W	2.208
January 2021	W	-	1.489	W	-	1.728	W	-	1.845	W	-	1.533
South Carolina												
January 2022	-	-	2.307	-	W	2.588	-	-	2.726	-	W	2.348
December 2021	-	-	2.181	-	W	2.426	-	-	2.603	-	W	2.222
January 2021	W	-	1.489	W	W	1.702	W	-	1.857	W	W	1.529
Virginia												
January 2022	-	-	2.320	-	-	2.452	-	-	2.621	-	-	2.356
December 2021	-	-	2.196	-	-	2.312	-	-	2.495	-	-	2.233
January 2021	-	-	1.504	-	-	1.625	-	-	1.772	-	-	1.539
West Virginia												
January 2022	-	-	2.216	-	-	2.489	-	-	2.625	-	-	2.245
December 2021	-	-	2.146	-	-	2.394	-	-	2.540	-	-	2.180
January 2021	W	-	1.464	W	-	1.699	W	-	1.811	W	-	1.488
PAD District 2												
January 2022	W	2.353	2.235	W	W	2.348	W	2.587	2.553	W	2.371	2.263
December 2021	W	2.363	2.103	W	W	2.200	W	2.405	2.367	W	2.370	2.126
January 2021	W	1.548	1.444	W	W	1.575	W	W	1.705	W	1.564	1.468
Illinois												
January 2022	W	W	2.204	W	-	2.384	W	-	2.497	W	W	2.235
December 2021	-	W	2.068	-	-	2.246	-	-	2.338	-	W	2.097
January 2021	W	1.659	1.421	W	-	1.561	W	-	1.684	W	1.659	1.448
Indiana												
January 2022	W	W	2.183	W	-	2.392	W	-	2.529	W	W	2.209
December 2021	-	W	2.069	-	-	2.278	-	-	2.396	-	W	2.093
January 2021	W	W	1.427	W	-	1.606	W	-	1.716	W	W	1.449
Iowa												
January 2022	-	-	2.285	-	-	2.357	-	-	2.532	-	-	2.306
December 2021	-	-	2.098	-	-	2.182	-	-	2.203	-	-	2.109
January 2021	-	W	1.464	-	-	1.540	-	-	1.628	-	W	1.480
Kansas												
January 2022	W	W	2.256	W	W	2.395	-	-	2.494	W	W	2.278
December 2021	W	W	2.075	W	W	2.202	-	-	2.215	W	W	2.088
January 2021	W	W	1.444	W	W	1.538	-	-	1.591	W	W	1.462
Kentucky												
January 2022	W	W	2.275	W	-	2.470	W	W	2.738	W	W	2.303
December 2021	-	W	2.184	-	-	2.369	-	W	2.641	-	W	2.212
January 2021	W	W	1.509	W	-	1.634	W	W	1.821	W	W	1.530
Michigan												
January 2022	-	W	2.192	-	-	2.443	-	W	2.641	-	W	2.218
December 2021	-	W	2.081	-	-	2.335	-	W	2.520	-	W	2.107
January 2021	W	W	1.425	W	-	1.825	W	W	1.838	W	W	1.452
Minnesota												
January 2022	W	W	2.246	W	W	2.246	W	W	2.439	W	W	2.266
December 2021	W	W	2.080	W	W	2.093	W	W	2.177	W	W	2.090
January 2021	W	W	1.434	W	W	1.501	W	W	1.563	W	W	1.447
Missouri												
January 2022	-	W	2.293	-	-	2.439	-	W	2.537	-	W	2.315
December 2021	-	W	2.124	-	-	2.173	-	W	2.318	-	W	2.141
January 2021	-	W	1.477	-	-	1.520	-	-	1.702	-	W	1.496

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

	Regular			Midgrade			Premium			All grades		
	Sales to end users			Sales to end users			Sales to end users			Sales to end users		
Geographic area month	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]	Sales for resale
PAD District 2 (cont.)												
Nebraska												
January 2022	W	W	2.313	W	W	2.411	-	-	2.563	W	W	2.335
December 2021	W	W	2.113	W	W	2.199	-	-	2.246	W	W	2.125
January 2021	W	W	1.484	W	W	1.599	-	-	1.669	W	W	1.503
North Dakota												
January 2022	W	W	2.322	W	W	2.370	W	W	2.562	W	W	2.352
December 2021	W	W	2.129	W	W	2.194	W	W	2.290	W	W	2.147
January 2021	W	W	1.502	W	W	1.552	W	W	1.740	W	W	1.530
Ohio												
January 2022	W	W	2.187	W	-	2.396	W	W	2.641	W	W	2.217
December 2021	W	W	2.122	W	-	2.341	W	W	2.535	W	W	2.151
January 2021	W	W	1.424	W	-	1.648	W	W	1.753	W	W	1.447
Oklahoma												
January 2022	W	W	2.308	W	-	2.486	W	-	2.470	W	W	2.341
December 2021	W	W	2.077	W	-	2.156	W	-	2.165	W	W	2.093
January 2021	W	W	1.472	W	-	1.687	W	-	1.613	W	W	1.493
South Dakota												
January 2022	W	W	2.297	W	W	2.341	W	W	2.570	W	W	2.319
December 2021	W	W	2.108	W	W	2.184	W	W	2.282	W	W	2.124
January 2021	W	W	1.465	W	W	1.518	W	W	1.640	W	W	1.485
Tennessee												
January 2022	W	W	2.302	W	-	2.513	W	W	2.624	W	W	2.331
December 2021	-	W	2.171	-	-	2.394	-	W	2.502	-	W	2.201
January 2021	W	W	1.480	W	-	1.672	W	W	1.786	W	W	1.510
Wisconsin												
January 2022	-	-	2.222	-	-	2.305	-	-	2.599	-	-	2.255
December 2021	-	-	2.084	-	-	2.168	-	-	2.416	-	-	2.111
January 2021	W	W	1.411	W	W	1.496	W	W	1.755	W	W	1.443
PAD District 3												
January 2022	W	W	2.324	-	-	2.535	W	W	2.541	W	W	2.349
December 2021	W	2.433	2.172	-	-	2.346	W	W	2.413	W	W	2.198
January 2021	W	1.590	1.494	W	W	1.643	W	NA	1.691	W	1.724	1.518
Alabama												
January 2022	-	W	2.314	-	-	2.497	-	W	2.728	-	W	2.351
December 2021	-	W	2.182	-	-	2.363	-	W	2.604	-	W	2.221
January 2021	W	W	1.493	W	-	1.661	W	W	1.914	W	W	1.532
Arkansas												
January 2022	-	-	2.311	-	-	2.531	-	-	2.592	-	-	2.335
December 2021	-	-	2.134	-	-	2.359	-	-	2.375	-	-	2.156
January 2021	-	-	1.488	-	-	1.676	-	-	1.770	-	-	1.513
Louisiana												
January 2022	-	W	2.313	-	-	NA	-	-	2.484	-	W	2.331
December 2021	-	W	2.171	-	-	2.415	-	-	2.416	-	W	2.191
January 2021	-	W	1.467	-	-	1.644	-	-	1.748	-	W	1.491
Mississippi												
January 2022	-	-	2.328	-	-	2.488	-	-	2.619	-	-	2.360
December 2021	-	-	2.183	-	-	2.318	-	-	2.523	-	-	2.215
January 2021	-	-	1.507	-	-	1.638	-	-	1.844	-	-	1.531
New Mexico												
January 2022	W	-	2.533	-	-	2.591	W	-	2.779	W	-	2.567
December 2021	W	-	2.391	-	-	2.489	W	-	2.659	W	-	2.429
January 2021	W	W	1.563	W	-	1.665	W	W	1.875	W	W	1.607
Texas												
January 2022	W	-	2.319	-	-	2.540	W	-	2.510	W	-	2.342
December 2021	W	W	2.163	-	-	2.322	W	-	2.373	W	W	2.188
January 2021	W	W	1.496	W	W	1.636	W	W	1.643	W	W	1.517

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

	Regular			Midgrade			Premium			All grades		
	Sales to end users			Sales to end users			Sales to end users			Sales to end users		
Geographic area month	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]	Sales for resale
PAD District 4												
January 2022	W	2.554	2.284	W	W	2.493	W	W	2.618	W	2.612	2.348
December 2021	W	2.546	2.214	W	W	2.427	W	W	2.538	W	2.618	2.276
January 2021	1.796	1.728	1.448	2.083	W	1.659	2.356	W	1.780	1.925	1.801	1.518
Colorado												
January 2022	W	W	2.272	W	W	2.479	W	W	2.610	W	W	2.335
December 2021	W	W	2.092	W	W	2.256	W	W	2.388	W	W	2.148
January 2021	1.828	1.773	1.494	W	-	1.686	W	-	1.813	1.978	1.773	1.558
Idaho												
January 2022	W	W	2.328	-	-	2.627	W	W	2.634	W	W	2.377
December 2021	W	W	2.399	-	-	NA	W	W	2.714	W	W	2.448
January 2021	W	W	1.443	W	W	1.768	W	W	1.761	W	W	1.502
Montana												
January 2022	W	W	2.523	W	W	2.685	W	W	2.966	W	W	2.596
December 2021	W	W	2.400	W	W	2.556	W	W	2.833	W	W	2.465
January 2021	W	W	1.459	W	W	1.697	W	W	1.916	W	W	1.545
Utah												
January 2022	-	W	2.192	-	-	2.478	-	-	2.521	-	W	2.274
December 2021	-	W	2.267	-	-	2.560	-	-	2.590	-	W	2.346
January 2021	W	W	1.393	W	W	1.639	W	-	1.700	W	W	1.474
Wyoming												
January 2022	W	W	2.226	W	-	2.464	W	-	2.680	W	W	2.282
December 2021	W	W	2.114	W	-	2.299	W	-	2.567	W	W	2.178
January 2021	W	W	1.374	W	-	1.624	W	-	1.826	W	W	1.448
PAD District 5												
January 2022	3.751	2.900	2.834	4.002	W	3.122	4.191	W	3.158	3.870	2.918	2.901
December 2021	3.756	2.805	2.753	4.017	W	2.990	4.205	W	3.084	3.878	2.818	2.821
January 2021	2.427	NA	1.817	2.682	2.125	2.053	2.854	2.237	2.128	2.539	NA	1.885
Alaska												
January 2022	W	W	W	W	-	W	W	-	NA	W	W	W
December 2021	W	W	W	W	-	W	W	-	NA	W	W	W
January 2021	W	W	W	W	-	W	W	W	2.028	W	W	W
Arizona												
January 2022	-	W	2.509	-	-	2.619	-	-	2.785	-	W	2.545
December 2021	-	W	2.491	-	-	2.548	-	-	2.825	-	W	2.534
January 2021	W	W	1.624	W	W	1.821	W	W	1.862	W	W	1.655
California												
January 2022	W	W	3.019	W	-	3.207	W	-	3.275	W	W	3.080
December 2021	W	W	2.966	W	-	3.118	W	-	3.223	W	W	3.027
January 2021	2.534	W	1.992	2.740	W	2.167	2.895	-	2.243	2.637	W	2.056
Hawaii												
January 2022	W	W	W	W	W	W	W	W	W	W	W	W
December 2021	W	W	W	W	W	W	W	W	W	W	W	W
January 2021	W	W	W	W	W	W	W	W	W	W	W	W
Nevada												
January 2022	-	W	2.626	-	-	NA	-	-	2.881	-	W	2.686
December 2021	-	W	2.513	-	-	NA	-	-	2.786	-	W	2.576
January 2021	W	W	1.645	W	-	1.900	W	-	1.897	W	W	1.707
Oregon												
January 2022	W	-	2.643	W	-	2.906	W	-	2.989	W	-	2.686
December 2021	W	-	2.476	W	-	2.701	W	-	2.787	W	-	2.516
January 2021	2.134	-	1.594	2.361	-	1.808	2.517	-	1.889	2.199	-	1.635
Washington												
January 2022	NA	W	2.563	NA	W	2.848	NA	W	2.917	NA	W	2.625
December 2021	3.059	W	2.398	3.305	W	2.668	3.524	W	2.737	3.133	W	2.460
January 2021	2.003	W	1.538	2.231	W	1.789	2.415	W	1.889	2.075	W	1.604

- = 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 2021 are final.
Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

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

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
January 2022	3.689	3.376	2.451	2.422	3.814	2.655
December 2021	W	3.154	2.168	2.145	3.279	2.272
January 2021	2.829	2.482	1.485	1.456	W	1.688
PAD District 1						
January 2022	3.414	3.408	2.455	2.444	W	2.794
December 2021	W	3.207	2.176	2.156	W	2.437
January 2021	2.664	2.525	1.500	1.476	W	1.839
Subdistrict 1A						
January 2022	W	W	2.459	2.507	-	-
December 2021	W	W	2.213	2.202	-	-
January 2021	W	W	1.596	W	W	-
Connecticut						
January 2022	-	-	W	W	-	-
December 2021	-	-	W	W	-	-
January 2021	-	-	W	W	-	-
Maine						
January 2022	-	W	W	W	-	-
December 2021	W	W	W	W	-	-
January 2021	-	W	W	W	-	-
Massachusetts						
January 2022	W	-	W	W	-	-
December 2021	-	-	W	W	-	-
January 2021	W	-	W	W	W	-
New Hampshire						
January 2022	-	-	W	-	-	-
December 2021	-	-	W	-	-	-
January 2021	-	-	W	-	W	-
Rhode Island						
January 2022	-	-	W	W	-	-
December 2021	-	-	W	W	-	-
January 2021	-	-	W	W	W	-
Vermont						
January 2022	-	-	W	W	-	-
December 2021	-	-	W	W	-	-
January 2021	-	-	W	W	-	-
Subdistrict 1B						
January 2022	-	3.501	2.421	2.441	W	2.599
December 2021	-	W	2.182	2.135	W	2.334
January 2021	-	W	1.491	1.460	W	1.737
Delaware						
January 2022	-	-	-	-	-	-
December 2021	-	-	-	-	-	-
January 2021	-	-	-	-	W	-
District of Columbia						
January 2022	-	-	-	-	-	-
December 2021	-	-	-	-	-	-
January 2021	-	-	-	-	-	-
Maryland						
January 2022	-	-	W	2.368	-	W
December 2021	-	-	W	2.165	-	W
January 2021	-	-	W	1.457	-	W
New Jersey						
January 2022	-	-	2.418	2.430	-	W
December 2021	-	-	2.173	2.131	-	W
January 2021	-	-	1.500	1.458	W	W
New York						
January 2022	-	W	2.441	2.427	W	2.653
December 2021	-	W	2.198	2.198	W	2.318
January 2021	-	W	1.494	1.517	W	W
Pennsylvania						
January 2022	-	W	2.350	2.461	W	W
December 2021	-	W	2.151	2.135	W	W
January 2021	-	W	1.464	1.465	W	2.164

See footnotes at end of table.

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

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
January 2022	W	3.385	2.478	2.428	-	3.198
December 2021	-	3.188	2.166	2.174	-	2.617
January 2021	W	2.496	1.500	1.489	W	2.023
Florida						
January 2022	W	3.362	W	2.427	-	W
December 2021	-	3.176	W	2.167	-	-
January 2021	W	W	W	1.489	W	-
Georgia						
January 2022	W	W	W	2.423	-	W
December 2021	-	W	W	2.358	-	W
January 2021	W	W	W	1.477	-	W
North Carolina						
January 2022	-	W	W	2.447	-	3.182
December 2021	-	W	W	2.176	-	W
January 2021	-	W	W	1.500	W	2.027
South Carolina						
January 2022	-	-	W	2.433	-	W
December 2021	-	-	W	2.149	-	W
January 2021	-	-	W	1.482	W	W
Virginia						
January 2022	-	W	2.395	W	-	W
December 2021	-	W	2.143	2.270	-	W
January 2021	-	W	1.450	1.487	-	W
West Virginia						
January 2022	-	-	-	W	-	-
December 2021	-	-	-	W	-	-
January 2021	-	-	-	W	W	-
PAD District 2						
January 2022	W	3.330	2.445	2.461	W	2.998
December 2021	W	3.120	2.181	2.149	W	2.639
January 2021	W	2.454	1.477	1.476	W	2.258
Illinois						
January 2022	-	W	2.454	W	W	W
December 2021	-	W	2.209	W	-	W
January 2021	W	W	1.515	W	W	W
Indiana						
January 2022	-	-	2.418	2.441	W	3.101
December 2021	-	-	2.171	2.141	-	2.775
January 2021	-	-	1.470	1.474	W	2.313
Iowa						
January 2022	-	-	W	W	-	W
December 2021	-	-	W	W	-	-
January 2021	-	-	1.604	W	-	-
Kansas						
January 2022	W	W	W	W	-	W
December 2021	W	W	W	W	-	W
January 2021	W	W	W	W	-	W
Kentucky						
January 2022	W	W	W	2.412	W	W
December 2021	W	W	W	2.133	-	W
January 2021	W	W	W	1.460	W	W
Michigan						
January 2022	-	-	W	2.404	-	W
December 2021	W	-	W	2.109	-	W
January 2021	-	-	W	1.450	W	W
Minnesota						
January 2022	W	W	W	2.461	NA	W
December 2021	W	W	W	2.146	W	W
January 2021	W	W	W	1.470	W	W
Missouri						
January 2022	W	W	W	W	-	W
December 2021	W	W	W	W	-	W
January 2021	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						
January 2022	-	-	W	W	-	-
December 2021	W	-	W	W	-	-
January 2021	W	-	W	W	-	-
North Dakota						
January 2022	-	-	W	W	NA	-
December 2021	-	-	W	W	W	W
January 2021	-	-	W	W	W	-
Ohio						
January 2022	-	W	2.472	2.417	W	W
December 2021	W	W	2.187	2.116	-	W
January 2021	W	W	1.487	1.453	W	W
Oklahoma						
January 2022	W	-	W	2.473	-	W
December 2021	W	-	W	2.146	-	W
January 2021	W	-	W	W	-	W
South Dakota						
January 2022	-	-	W	-	-	-
December 2021	-	-	W	-	-	-
January 2021	-	-	W	-	-	-
Tennessee						
January 2022	W	W	W	2.442	-	W
December 2021	W	W	W	2.156	-	W
January 2021	W	W	W	1.478	W	W
Wisconsin						
January 2022	-	-	2.451	W	-	W
December 2021	-	-	2.217	W	-	W
January 2021	-	-	W	W	W	W
PAD District 3						
January 2022	W	3.224	2.432	2.336	-	2.481
December 2021	W	2.995	2.127	2.115	-	2.128
January 2021	W	2.306	1.465	1.422	-	W
Alabama						
January 2022	-	W	2.428	2.424	-	W
December 2021	-	W	2.134	2.144	-	W
January 2021	W	W	1.477	1.463	-	W
Arkansas						
January 2022	W	W	W	W	-	-
December 2021	W	-	W	2.244	-	-
January 2021	W	-	W	1.535	-	-
Louisiana						
January 2022	W	W	2.357	2.308	-	W
December 2021	W	W	2.126	2.105	-	W
January 2021	-	W	1.423	1.399	-	W
Mississippi						
January 2022	-	W	2.452	2.364	-	W
December 2021	-	W	2.120	W	-	W
January 2021	-	W	1.402	1.385	-	W
New Mexico						
January 2022	W	-	W	2.548	-	-
December 2021	W	-	W	2.222	-	-
January 2021	W	-	W	W	-	-
Texas						
January 2022	W	3.242	2.450	2.342	-	W
December 2021	W	3.009	2.127	2.115	-	W
January 2021	W	2.317	1.475	1.432	-	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						
January 2022	W	W	2.597	2.540	-	-
December 2021	W	W	2.333	2.257	-	-
January 2021	W	W	1.635	1.575	-	-
Colorado						
January 2022	W	-	2.488	2.522	-	-
December 2021	W	-	2.230	2.218	-	-
January 2021	W	-	1.559	1.543	-	-
Idaho						
January 2022	-	-	W	2.595	-	-
December 2021	-	-	W	2.382	-	-
January 2021	-	-	W	1.656	-	-
Montana						
January 2022	-	W	W	W	-	-
December 2021	W	W	W	W	-	-
January 2021	-	W	W	W	-	-
Utah						
January 2022	-	W	2.675	2.604	-	-
December 2021	-	W	2.398	2.364	-	-
January 2021	-	W	1.658	1.647	-	-
Wyoming						
January 2022	-	-	2.479	W	-	-
December 2021	W	-	2.271	W	-	-
January 2021	-	-	W	W	-	-
PAD District 5						
January 2022	W	3.586	2.456	2.461	NA	W
December 2021	W	3.370	2.174	2.152	W	W
January 2021	W	2.559	1.485	1.469	W	W
Alaska						
January 2022	-	-	W	W	-	-
December 2021	-	-	W	W	-	-
January 2021	W	-	W	W	-	-
Arizona						
January 2022	W	W	2.498	2.509	-	-
December 2021	W	W	2.216	2.214	-	-
January 2021	W	W	W	W	-	-
California						
January 2022	-	3.570	2.477	2.448	-	W
December 2021	W	3.381	2.173	2.142	-	W
January 2021	W	W	1.463	1.450	W	W
Hawaii						
January 2022	-	-	W	W	-	-
December 2021	-	-	W	W	-	-
January 2021	-	-	W	W	-	-
Nevada						
January 2022	-	-	W	2.478	-	-
December 2021	-	-	W	2.188	-	-
January 2021	-	-	W	W	-	-
Oregon						
January 2022	-	W	2.487	W	-	-
December 2021	-	W	2.228	W	-	-
January 2021	-	W	1.504	1.490	-	-
Washington						
January 2022	-	W	2.461	2.535	NA	-
December 2021	-	W	2.167	2.179	W	-
January 2021	-	W	1.509	1.538	NA	-

- = 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 2021 are final.

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

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

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
January 2022	3.028	2.845	2.657	2.544	-	W
December 2021	2.814	2.583	2.379	2.264	-	W
January 2021	2.022	1.798	1.715	1.574	-	W
PAD District 1						
January 2022	-	W	2.654	2.556	-	-
December 2021	-	2.412	2.335	2.222	-	-
January 2021	-	W	1.774	1.563	-	-
Subdistrict 1A						
January 2022	-	-	W	2.546	-	-
December 2021	-	-	W	2.214	-	-
January 2021	-	-	W	1.553	-	-
Connecticut						
January 2022	-	-	W	2.524	-	-
December 2021	-	-	W	2.203	-	-
January 2021	-	-	W	1.534	-	-
Maine						
January 2022	-	-	-	2.662	-	-
December 2021	-	-	-	2.323	-	-
January 2021	-	-	-	1.636	-	-
Massachusetts						
January 2022	-	-	-	2.557	-	-
December 2021	-	-	-	2.214	-	-
January 2021	-	-	W	1.563	-	-
New Hampshire						
January 2022	-	-	-	W	-	-
December 2021	-	-	-	W	-	-
January 2021	-	-	W	W	-	-
Rhode Island						
January 2022	-	-	-	2.562	-	-
December 2021	-	-	-	2.205	-	-
January 2021	-	-	W	1.558	-	-
Vermont						
January 2022	-	-	-	W	-	-
December 2021	-	-	-	W	-	-
January 2021	-	-	-	W	-	-
Subdistrict 1B						
January 2022	-	W	W	2.524	-	-
December 2021	-	2.392	W	2.206	-	-
January 2021	-	W	W	1.547	-	-
Delaware						
January 2022	-	-	W	W	-	-
December 2021	-	-	W	2.266	-	-
January 2021	-	-	W	1.590	-	-
District of Columbia						
January 2022	-	-	-	W	-	-
December 2021	-	-	-	W	-	-
January 2021	-	-	-	W	-	-
Maryland						
January 2022	-	-	-	2.544	-	-
December 2021	-	-	-	2.203	-	-
January 2021	-	-	-	1.549	-	-
New Jersey						
January 2022	-	W	W	2.489	-	-
December 2021	-	W	W	2.177	-	-
January 2021	-	-	1.810	1.527	-	-
New York						
January 2022	-	W	W	2.616	-	-
December 2021	-	W	2.842	2.273	-	-
January 2021	-	W	2.130	1.589	-	-
Pennsylvania						
January 2022	-	W	2.643	2.538	-	-
December 2021	-	W	2.385	2.234	-	-
January 2021	-	W	1.702	1.557	-	-

See footnotes at end of table.

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

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
January 2022	-	W	2.632	2.597	-	-
December 2021	-	W	2.250	2.242	-	-
January 2021	-	W	1.716	1.581	-	-
Florida						
January 2022	-	-	2.643	2.620	-	-
December 2021	-	-	2.282	2.291	-	-
January 2021	-	-	1.787	1.607	-	-
Georgia						
January 2022	-	W	2.605	2.602	-	-
December 2021	-	W	2.218	2.185	-	-
January 2021	-	W	1.588	1.561	-	-
North Carolina						
January 2022	-	-	2.586	2.579	-	-
December 2021	-	-	2.227	2.219	-	-
January 2021	-	-	1.774	1.568	-	-
South Carolina						
January 2022	-	-	W	2.595	-	-
December 2021	-	-	W	2.233	-	-
January 2021	-	-	W	1.565	-	-
Virginia						
January 2022	-	-	2.635	2.587	-	-
December 2021	-	-	2.228	2.235	-	-
January 2021	-	-	W	1.572	-	-
West Virginia						
January 2022	-	-	W	2.512	-	-
December 2021	-	-	W	2.284	-	-
January 2021	-	-	1.567	1.590	-	-
PAD District 2						
January 2022	3.079	2.816	2.568	2.493	-	-
December 2021	3.005	2.559	2.264	2.243	-	-
January 2021	2.019	1.792	1.652	1.577	-	-
Illinois						
January 2022	W	W	2.752	2.432	-	-
December 2021	W	W	2.265	2.202	-	-
January 2021	W	W	1.686	1.542	-	-
Indiana						
January 2022	-	W	2.590	2.426	-	-
December 2021	-	W	W	2.240	-	-
January 2021	-	W	1.725	1.559	-	-
Iowa						
January 2022	W	2.780	W	2.543	-	-
December 2021	-	2.500	2.309	2.251	-	-
January 2021	W	1.747	W	1.638	-	-
Kansas						
January 2022	-	2.785	W	2.535	-	-
December 2021	-	2.508	2.185	2.216	-	-
January 2021	-	1.774	1.558	1.596	-	-
Kentucky						
January 2022	-	W	2.602	2.533	-	-
December 2021	-	W	W	2.309	-	-
January 2021	-	W	1.638	1.597	-	-
Michigan						
January 2022	NA	2.978	W	2.453	-	-
December 2021	W	2.674	W	2.286	-	-
January 2021	W	2.161	1.859	1.561	-	-
Minnesota						
January 2022	W	2.786	2.599	2.532	-	-
December 2021	2.830	2.487	2.322	2.260	-	-
January 2021	W	1.775	1.717	1.638	-	-
Missouri						
January 2022	W	2.815	NA	2.528	-	-
December 2021	W	2.532	2.243	2.230	-	-
January 2021	W	1.778	1.628	1.603	-	-

See footnotes at end of table.

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

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
January 2022	W	2.818	2.605	2.581	-	-
December 2021	W	2.557	2.262	2.261	-	-
January 2021	W	1.757	1.609	1.638	-	-
North Dakota						
January 2022	NA	2.854	W	2.485	-	-
December 2021	W	2.703	W	2.352	-	-
January 2021	W	1.795	W	1.633	-	-
Ohio						
January 2022	-	W	W	2.446	-	-
December 2021	-	W	W	2.285	-	-
January 2021	-	W	1.687	1.552	-	-
Oklahoma						
January 2022	-	2.677	W	2.492	-	-
December 2021	-	W	W	2.198	-	-
January 2021	-	W	1.644	1.567	-	-
South Dakota						
January 2022	W	2.836	W	2.579	-	-
December 2021	W	2.577	W	2.287	-	-
January 2021	W	1.781	W	1.661	-	-
Tennessee						
January 2022	-	W	2.634	2.585	-	-
December 2021	-	W	2.242	2.236	-	-
January 2021	-	W	1.597	1.570	-	-
Wisconsin						
January 2022	-	2.768	W	2.490	-	-
December 2021	-	2.513	2.218	2.243	-	-
January 2021	W	1.745	1.904	1.589	-	-
PAD District 3						
January 2022	-	W	2.602	2.486	-	W
December 2021	-	W	2.265	2.198	-	W
January 2021	-	W	1.621	1.529	-	W
Alabama						
January 2022	-	-	2.609	2.562	-	-
December 2021	-	-	2.257	2.202	-	-
January 2021	-	-	1.601	1.556	-	-
Arkansas						
January 2022	-	-	W	2.556	-	-
December 2021	-	-	W	2.230	-	-
January 2021	-	-	W	1.596	-	-
Louisiana						
January 2022	-	W	W	2.413	-	-
December 2021	-	W	W	2.164	-	-
January 2021	-	W	W	1.484	-	-
Mississippi						
January 2022	-	-	2.596	2.514	-	-
December 2021	-	-	2.204	2.187	-	-
January 2021	-	-	1.694	1.563	-	-
New Mexico						
January 2022	-	-	2.658	2.665	-	-
December 2021	-	-	2.320	NA	-	-
January 2021	-	-	1.855	1.643	-	-
Texas						
January 2022	-	-	2.597	2.495	-	W
December 2021	-	-	2.256	2.200	-	W
January 2021	-	-	1.605	1.535	-	W

See footnotes at end of table.

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

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
January 2022	3.270	2.889	2.613	2.528	-	-
December 2021	3.421	2.805	2.540	2.479	-	-
January 2021	W	1.946	1.650	1.630	-	-
Colorado						
January 2022	NA	2.783	2.499	2.476	-	-
December 2021	W	2.575	2.305	2.236	-	-
January 2021	W	1.839	1.613	1.538	-	-
Idaho						
January 2022	W	3.032	3.318	2.531	-	-
December 2021	W	2.945	3.254	2.625	-	-
January 2021	W	2.165	2.005	1.687	-	-
Montana						
January 2022	W	2.911	W	2.708	-	-
December 2021	W	2.870	2.632	2.686	-	-
January 2021	W	1.937	1.632	1.666	-	-
Utah						
January 2022	W	2.923	W	2.438	-	-
December 2021	-	2.995	W	2.601	-	-
January 2021	W	2.245	1.633	1.696	-	-
Wyoming						
January 2022	W	2.937	W	2.655	-	-
December 2021	W	2.785	2.298	2.437	-	-
January 2021	-	1.871	1.631	1.611	-	-
PAD District 5						
January 2022	W	2.993	2.874	2.830	-	-
December 2021	W	2.578	2.598	2.526	-	-
January 2021	W	1.726	1.884	1.681	-	-
Alaska						
January 2022	W	W	W	W	-	-
December 2021	W	W	W	W	-	-
January 2021	W	W	W	W	-	-
Arizona						
January 2022	-	-	W	2.675	-	-
December 2021	-	-	NA	2.499	-	-
January 2021	-	-	1.740	1.630	-	-
California						
January 2022	-	-	3.024	2.822	-	-
December 2021	-	-	2.673	2.562	-	-
January 2021	-	-	2.059	1.759	-	-
Hawaii						
January 2022	-	-	W	W	-	-
December 2021	-	-	W	W	-	-
January 2021	-	-	W	W	-	-
Nevada						
January 2022	-	-	W	2.663	-	-
December 2021	-	-	W	2.499	-	-
January 2021	-	-	W	1.635	-	-
Oregon						
January 2022	-	W	3.017	2.977	-	-
December 2021	-	W	W	2.603	-	-
January 2021	-	W	1.674	1.555	-	-
Washington						
January 2022	W	W	2.999	2.861	-	-
December 2021	W	W	2.646	2.424	-	-
January 2021	W	W	1.639	1.542	-	-

- = 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 2021 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

	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States										
January 2022	3,933.0	4,053.5	13,694.0	211,112.2	5,997.2	463.8	471.8	125.8	984.1	-
December 2021	3,100.5	3,230.8	14,970.2	231,896.9	8,151.3	422.9	431.7	138.3	1,087.5	-
January 2021	14,601.6	14,726.4	11,724.5	195,739.2	4,809.8	1,301.6	1,310.2	108.9	1,047.4	-
PAD District 1										
January 2022	1,126.9	1,135.6	W	61,697.8	W	NA	NA	NA	286.4	-
December 2021	W	W	W	68,236.8	W	W	W	W	W	-
January 2021	4,660.5	4,667.0	W	55,750.3	W	470.4	472.7	-	352.1	-
Subdistrict 1A										
January 2022	-	W	W	W	-	-	-	-	14.4	-
December 2021	-	W	W	W	-	-	-	-	13.9	-
January 2021	W	W	W	W	-	W	W	-	12.5	-
Connecticut										
January 2022	-	W	-	1,689.5	-	-	-	-	1.3	-
December 2021	-	W	-	1,913.3	-	-	-	-	1.4	-
January 2021	-	W	-	1,682.5	-	-	-	-	2.8	-
Maine										
January 2022	-	-	-	527.9	-	-	-	-	W	-
December 2021	-	-	-	549.5	-	-	-	-	W	-
January 2021	-	-	-	490.2	-	-	-	-	W	-
Massachusetts										
January 2022	-	-	-	1,634.2	-	-	-	-	4.9	-
December 2021	-	-	-	1,715.3	-	-	-	-	5.5	-
January 2021	W	W	-	1,014.4	-	W	W	-	3.1	-
New Hampshire										
January 2022	-	-	W	W	-	-	-	-	-	-
December 2021	-	-	W	W	-	-	-	-	-	-
January 2021	W	W	W	W	-	W	W	-	-	-
Rhode Island										
January 2022	-	-	-	719.3	-	-	-	-	W	-
December 2021	-	-	-	796.9	-	-	-	-	W	-
January 2021	W	W	-	633.1	-	W	W	-	W	-
Vermont										
January 2022	-	-	W	W	-	-	-	-	-	-
December 2021	-	-	W	W	-	-	-	-	-	-
January 2021	-	-	W	W	-	-	-	-	-	-
Subdistrict 1B										
January 2022	W	W	W	W	W	W	W	W	W	-
December 2021	W	W	W	W	3,506.6	W	W	W	W	-
January 2021	2,563.9	2,563.9	W	W	W	290.5	290.5	-	64.7	-
Delaware										
January 2022	-	-	-	835.6	-	-	-	-	4.4	-
December 2021	-	-	-	1,011.5	-	-	-	-	5.7	-
January 2021	W	W	-	737.7	-	W	W	-	4.8	-
District of Columbia										
January 2022	-	-	-	-	-	-	-	-	-	-
December 2021	-	-	-	-	-	-	-	-	-	-
January 2021	-	-	-	-	-	-	-	-	-	-
Maryland										
January 2022	-	-	-	2,960.5	-	-	-	-	20.2	-
December 2021	-	-	-	3,287.2	-	-	-	-	26.7	-
January 2021	-	-	-	2,680.9	-	-	-	-	24.9	-
New Jersey										
January 2022	NA	NA	NA	W	W	NA	NA	NA	15.6	-
December 2021	W	W	W	6,685.0	W	W	W	W	W	-
January 2021	W	W	W	5,485.3	W	W	W	-	14.1	-
New York										
January 2022	W	W	W	W	-	W	W	W	W	-
December 2021	W	W	W	W	-	W	W	W	W	-
January 2021	1,667.2	1,667.2	W	W	-	190.9	190.9	-	10.8	-
Pennsylvania										
January 2022	W	W	-	W	W	W	W	-	10.9	-
December 2021	W	W	-	W	W	W	W	-	12.7	-
January 2021	W	W	-	W	W	W	W	-	10.1	-

See footnotes at end of table.

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

thousand gallons per day

	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States										
January 2022	773.2	780.0	4,119.0	27,439.2	1,695.3	5,170.0	5,305.3	17,938.8	239,535.4	7,692.5
December 2021	765.0	773.4	4,479.1	30,630.5	1,447.4	4,288.4	4,435.9	19,587.5	263,614.9	9,598.6
January 2021	2,046.7	2,053.9	3,874.3	27,532.3	1,685.8	17,949.9	18,090.5	15,707.7	224,318.9	6,495.6
PAD District 1										
January 2022	NA	NA	W	8,360.8	W	NA	NA	W	70,345.0	W
December 2021	W	W	W	W	W	W	W	W	W	3,819.3
January 2021	729.8	729.8	W	8,308.6	W	5,860.7	5,869.5	W	64,411.0	W
Subdistrict 1A										
January 2022	-	-	W	W	-	-	W	W	W	-
December 2021	-	-	W	W	-	-	W	W	W	-
January 2021	W	W	W	W	-	W	W	W	W	-
Connecticut										
January 2022	-	-	-	307.9	-	-	W	-	1,998.6	-
December 2021	-	-	-	354.2	-	-	W	-	2,268.8	-
January 2021	-	-	-	331.2	-	-	W	-	2,016.5	-
Maine										
January 2022	-	-	-	W	-	-	-	-	573.4	-
December 2021	-	-	-	W	-	-	-	-	592.2	-
January 2021	-	-	-	W	-	-	-	-	536.0	-
Massachusetts										
January 2022	-	-	-	266.0	-	-	-	-	1,905.1	-
December 2021	-	-	-	289.8	-	-	-	-	2,010.6	-
January 2021	W	W	-	175.6	-	W	W	-	1,193.2	-
New Hampshire										
January 2022	-	-	W	W	-	-	-	W	W	-
December 2021	-	-	W	W	-	-	-	W	W	-
January 2021	W	W	W	W	-	W	W	W	W	-
Rhode Island										
January 2022	-	-	-	W	-	-	-	-	835.5	-
December 2021	-	-	-	W	-	-	-	-	931.3	-
January 2021	W	W	-	W	-	W	W	-	753.3	-
Vermont										
January 2022	-	-	W	W	-	-	-	W	212.7	-
December 2021	-	-	W	W	-	-	-	W	238.8	-
January 2021	-	-	W	W	-	-	-	W	48.1	-
Subdistrict 1B										
January 2022	W	W	W	2,803.9	W	W	W	W	22,368.0	W
December 2021	W	W	W	W	W	W	W	W	25,090.9	W
January 2021	490.1	490.1	W	W	W	3,344.5	3,344.5	W	19,679.1	W
Delaware										
January 2022	-	-	-	92.8	-	-	-	-	932.7	-
December 2021	-	-	-	123.9	-	-	-	-	1,141.0	-
January 2021	W	W	-	89.4	-	W	W	-	831.8	-
District of Columbia										
January 2022	-	-	-	-	-	-	-	-	-	-
December 2021	-	-	-	-	-	-	-	-	-	-
January 2021	-	-	-	-	-	-	-	-	-	-
Maryland										
January 2022	-	-	-	445.8	-	-	-	-	3,426.5	-
December 2021	-	-	-	537.0	-	-	-	-	3,850.9	-
January 2021	-	-	-	438.8	-	-	-	-	3,144.6	-
New Jersey										
January 2022	NA	NA	NA	W	W	NA	NA	NA	6,848.9	749.8
December 2021	W	W	W	1,117.3	W	W	W	W	W	1,375.7
January 2021	W	W	W	930.6	W	W	W	W	6,429.9	W
New York										
January 2022	W	W	W	888.8	W	W	W	W	W	W
December 2021	W	W	W	1,005.3	W	W	W	W	6,956.1	W
January 2021	329.4	329.4	W	W	W	2,187.5	2,187.5	W	W	W
Pennsylvania										
January 2022	W	W	-	W	W	W	W	-	W	W
December 2021	W	W	-	W	W	W	W	-	W	W
January 2021	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

	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C										
January 2022	W	75.0	-	37,369.4	-	W	W	-	W	-
December 2021	-	8.9	-	W	W	-	W	-	231.4	-
January 2021	W	W	-	34,876.1	-	W	W	-	274.8	-
Florida										
January 2022	W	W	-	13,513.7	-	W	W	-	87.7	-
December 2021	-	W	-	14,223.2	-	-	-	-	100.9	-
January 2021	W	W	-	12,148.6	-	W	W	-	109.5	-
Georgia										
January 2022	-	W	-	6,987.5	-	-	-	-	17.9	-
December 2021	-	W	-	7,554.4	-	-	-	-	17.4	-
January 2021	W	W	-	6,625.5	-	W	W	-	28.5	-
North Carolina										
January 2022	-	W	-	7,830.5	-	-	-	-	47.0	-
December 2021	-	W	-	9,050.7	-	-	-	-	55.7	-
January 2021	W	W	-	7,024.0	-	W	W	-	67.3	-
South Carolina										
January 2022	-	-	-	3,271.4	-	-	W	-	12.6	-
December 2021	-	-	-	W	W	-	W	-	13.4	-
January 2021	W	W	-	3,406.5	-	W	W	-	19.5	-
Virginia										
January 2022	-	-	-	5,086.1	-	-	-	-	36.3	-
December 2021	-	-	-	5,906.0	-	-	-	-	41.8	-
January 2021	-	-	-	4,958.0	-	-	-	-	45.0	-
West Virginia										
January 2022	-	-	-	680.0	-	-	-	-	W	-
December 2021	-	-	-	756.4	-	-	-	-	2.2	-
January 2021	W	W	-	713.5	-	W	W	-	5.1	-
PAD District 2										
January 2022	W	W	-	72,673.8	-	W	W	-	367.0	-
December 2021	W	129.8	-	79,974.5	-	W	W	-	401.9	-
January 2021	W	W	W	65,441.2	W	W	W	-	304.9	-
Illinois										
January 2022	W	W	-	8,986.0	-	W	W	-	28.8	-
December 2021	-	W	-	9,764.2	-	-	-	-	31.6	-
January 2021	W	W	-	W	W	W	W	-	38.7	-
Indiana										
January 2022	W	W	-	6,214.0	-	W	W	-	21.8	-
December 2021	-	W	-	7,041.1	-	-	-	-	27.4	-
January 2021	W	W	-	5,044.9	-	W	W	-	11.9	-
Iowa										
January 2022	-	-	-	2,778.4	-	-	-	-	33.0	-
December 2021	-	-	-	3,023.6	-	-	-	-	38.7	-
January 2021	-	W	-	2,693.8	-	-	-	-	41.5	-
Kansas										
January 2022	W	W	-	3,475.1	-	W	W	-	6.4	-
December 2021	W	W	-	4,014.9	-	W	W	-	9.0	-
January 2021	W	W	-	3,487.8	-	W	W	-	10.8	-
Kentucky										
January 2022	W	W	-	3,925.3	-	W	W	-	8.5	-
December 2021	-	W	-	4,354.7	-	-	-	-	9.6	-
January 2021	W	W	-	3,109.8	-	W	W	-	13.1	-
Michigan										
January 2022	-	W	-	9,976.4	-	-	-	-	6.5	-
December 2021	-	W	-	10,730.4	-	-	-	-	7.5	-
January 2021	W	W	-	8,020.0	-	W	W	-	10.3	-
Minnesota										
January 2022	W	W	-	4,883.5	-	W	W	-	119.5	-
December 2021	W	W	-	5,282.2	-	W	W	-	130.3	-
January 2021	W	W	W	W	-	W	W	-	44.3	-
Missouri										
January 2022	-	W	-	2,787.9	-	-	-	-	26.1	-
December 2021	-	W	-	3,180.2	-	-	-	-	19.9	-
January 2021	-	W	-	2,544.6	-	-	-	-	13.3	-

See footnotes at end of table.

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

thousand gallons per day

	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C										
January 2022	W	W	-	W	W	W	90.5	-	W	W
December 2021	-	W	-	W	W	-	12.1	-	W	W
January 2021	W	W	-	W	W	W	W	-	W	W
Florida										
January 2022	W	W	-	W	W	W	W	-	W	W
December 2021	-	-	-	W	W	-	W	-	W	W
January 2021	W	W	-	1,951.0	-	W	W	-	14,209.0	-
Georgia										
January 2022	-	-	-	904.2	-	-	W	-	7,909.7	-
December 2021	-	W	-	1,001.9	-	-	3.0	-	8,573.7	-
January 2021	W	W	-	929.4	-	W	W	-	7,583.4	-
North Carolina										
January 2022	-	-	-	875.9	-	-	W	-	8,753.5	-
December 2021	-	-	-	1,051.1	-	-	W	-	10,157.5	-
January 2021	W	W	-	954.3	-	W	W	-	8,045.6	-
South Carolina										
January 2022	-	-	-	342.9	-	-	W	-	3,626.9	-
December 2021	-	-	-	404.6	-	-	W	-	W	W
January 2021	W	W	-	403.4	-	W	W	-	3,829.4	-
Virginia										
January 2022	-	-	-	677.3	-	-	-	-	5,799.7	-
December 2021	-	-	-	806.5	-	-	-	-	6,754.3	-
January 2021	-	-	-	720.8	-	-	-	-	5,723.8	-
West Virginia										
January 2022	-	-	-	W	W	-	-	-	W	W
December 2021	-	-	-	W	W	-	-	-	W	W
January 2021	W	W	-	W	W	W	W	-	W	W
PAD District 2										
January 2022	W	W	-	6,287.6	707.7	W	W	-	79,328.4	707.7
December 2021	W	W	-	7,103.6	507.2	W	146.8	-	87,480.0	507.2
January 2021	W	W	W	6,076.5	W	W	W	W	71,822.6	W
Illinois										
January 2022	W	W	-	W	W	W	W	-	W	W
December 2021	-	-	-	W	W	-	W	-	W	W
January 2021	W	W	-	1,029.3	-	W	W	-	W	W
Indiana										
January 2022	W	W	-	W	W	W	W	-	W	W
December 2021	-	-	-	W	W	-	W	-	W	W
January 2021	W	W	-	W	W	W	W	-	W	W
Iowa										
January 2022	-	-	-	246.5	-	-	-	-	3,057.9	-
December 2021	-	-	-	291.2	-	-	-	-	3,353.5	-
January 2021	-	-	-	276.0	-	-	W	-	3,011.2	-
Kansas										
January 2022	-	-	-	W	W	W	W	-	W	W
December 2021	-	-	-	W	W	W	W	-	W	W
January 2021	-	-	-	316.2	145.0	W	W	-	3,814.7	145.0
Kentucky										
January 2022	W	W	-	247.9	-	W	W	-	4,181.6	-
December 2021	-	W	-	288.0	-	-	W	-	4,652.3	-
January 2021	W	W	-	220.9	-	W	W	-	3,343.8	-
Michigan										
January 2022	-	W	-	622.1	-	-	W	-	10,605.0	-
December 2021	-	W	-	684.8	-	-	W	-	11,422.7	-
January 2021	W	W	-	548.0	-	W	W	-	8,578.3	-
Minnesota										
January 2022	W	W	-	W	W	W	W	-	W	W
December 2021	W	W	-	W	W	W	W	-	W	W
January 2021	W	W	W	W	W	W	W	W	4,465.6	W
Missouri										
January 2022	-	W	-	261.8	-	-	W	-	3,075.9	-
December 2021	-	W	-	308.9	-	-	W	-	3,509.0	-
January 2021	-	-	-	234.1	-	-	W	-	2,792.0	-

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

	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)										
Nebraska										
January 2022	W	W	-	1,420.1	-	W	W	-	8.5	-
December 2021	W	W	-	1,581.1	-	W	W	-	11.7	-
January 2021	W	W	-	1,265.0	-	W	W	-	8.7	-
North Dakota										
January 2022	W	W	-	680.4	-	W	W	-	12.0	-
December 2021	W	W	-	756.3	-	W	W	-	14.5	-
January 2021	W	W	-	646.8	-	W	W	-	12.1	-
Ohio										
January 2022	W	101.1	-	10,342.5	-	W	W	-	16.2	-
December 2021	W	22.4	-	11,300.5	-	W	W	-	18.8	-
January 2021	W	W	-	8,693.6	-	W	W	-	17.0	-
Oklahoma										
January 2022	W	W	-	3,558.9	-	W	W	-	1.1	-
December 2021	W	W	-	3,831.3	-	W	W	-	1.6	-
January 2021	W	W	-	W	W	W	W	-	0.8	-
South Dakota										
January 2022	W	W	-	928.4	-	W	W	-	13.6	-
December 2021	W	W	-	1,019.6	-	W	W	-	14.0	-
January 2021	W	W	-	824.9	-	W	W	-	11.5	-
Tennessee										
January 2022	W	W	-	7,571.5	-	W	W	-	33.0	-
December 2021	-	W	-	8,763.4	-	-	-	-	39.3	-
January 2021	W	W	-	7,726.5	-	W	W	-	43.3	-
Wisconsin										
January 2022	-	-	-	5,145.4	-	-	-	-	32.0	-
December 2021	-	-	-	5,331.0	-	-	-	-	28.1	-
January 2021	W	W	-	4,715.1	-	W	W	-	27.8	-
PAD District 3										
January 2022	W	W	458.6	44,140.4	3,157.6	-	-	W	W	-
December 2021	W	W	542.6	47,907.2	4,505.2	-	-	W	W	-
January 2021	W	W	45.3	43,429.1	2,249.8	W	W	-	156.9	-
Alabama										
January 2022	-	W	-	4,287.6	-	-	-	-	14.6	-
December 2021	-	W	-	4,657.0	-	-	-	-	17.6	-
January 2021	W	W	-	W	W	W	W	-	19.8	-
Arkansas										
January 2022	-	-	-	2,652.7	-	-	-	-	7.3	-
December 2021	-	-	-	2,953.0	-	-	-	-	9.6	-
January 2021	-	-	-	2,711.5	-	-	-	-	9.5	-
Louisiana										
January 2022	-	W	-	W	W	-	-	-	3.7	-
December 2021	-	W	-	W	W	-	-	-	5.1	-
January 2021	-	W	-	5,036.2	1,066.7	-	-	-	6.8	-
Mississippi										
January 2022	-	-	W	W	W	-	-	-	12.6	-
December 2021	-	-	W	W	W	-	-	-	13.5	-
January 2021	-	-	-	W	W	-	-	-	12.2	-
New Mexico										
January 2022	W	W	W	W	-	-	-	W	W	-
December 2021	W	W	W	W	-	-	-	W	W	-
January 2021	W	W	W	W	-	W	W	-	4.9	-
Texas										
January 2022	W	W	W	28,731.4	W	-	-	-	82.6	-
December 2021	W	W	W	31,109.5	W	-	-	-	99.4	-
January 2021	W	W	W	W	W	W	W	-	103.7	-

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

	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)										
Nebraska										
January 2022	-	-	-	137.5	-	W	W	-	1,566.1	-
December 2021	-	-	-	159.5	-	W	W	-	1,752.3	-
January 2021	-	-	-	137.4	-	W	W	-	1,411.1	-
North Dakota										
January 2022	W	W	-	96.2	-	W	W	-	788.6	-
December 2021	W	W	-	91.8	-	W	W	-	862.6	-
January 2021	W	W	-	85.7	-	W	W	-	744.6	-
Ohio										
January 2022	W	W	-	718.2	-	W	111.5	-	11,076.8	-
December 2021	W	W	-	831.1	-	W	W	-	12,150.4	-
January 2021	W	W	-	W	W	W	W	-	W	W
Oklahoma										
January 2022	W	W	-	367.2	525.7	W	W	-	3,927.2	525.7
December 2021	W	W	-	430.7	377.3	W	W	-	4,263.7	377.3
January 2021	W	W	-	W	W	W	W	-	3,984.6	247.5
South Dakota										
January 2022	W	W	-	78.2	-	W	W	-	1,020.2	-
December 2021	W	W	-	97.8	-	W	W	-	1,131.5	-
January 2021	W	W	-	98.6	-	W	W	-	934.9	-
Tennessee										
January 2022	W	W	-	734.5	-	W	W	-	8,339.0	-
December 2021	-	W	-	864.3	-	-	W	-	9,666.9	-
January 2021	W	W	-	823.5	-	W	W	-	8,593.4	-
Wisconsin										
January 2022	-	-	-	494.0	-	-	-	-	5,671.4	-
December 2021	-	-	-	469.7	-	-	-	-	5,828.8	-
January 2021	W	W	-	472.1	-	W	W	-	5,215.0	-
PAD District 3										
January 2022	W	W	W	W	615.5	W	W	540.6	49,570.5	3,773.2
December 2021	W	W	W	W	539.3	W	W	641.4	53,800.3	5,044.4
January 2021	W	73.8	8.2	5,303.7	909.7	W	832.2	53.5	48,889.7	3,159.5
Alabama										
January 2022	-	W	-	414.2	-	-	W	-	4,716.5	-
December 2021	-	W	-	467.8	-	-	W	-	5,142.5	-
January 2021	W	NA	-	427.6	-	W	W	-	W	W
Arkansas										
January 2022	-	-	-	236.3	-	-	-	-	2,896.3	-
December 2021	-	-	-	287.6	-	-	-	-	3,250.1	-
January 2021	-	-	-	262.7	-	-	-	-	2,983.6	-
Louisiana										
January 2022	-	-	-	W	W	-	W	-	W	W
December 2021	-	-	-	W	W	-	W	-	W	W
January 2021	-	-	-	558.0	-	-	W	-	5,601.0	1,066.7
Mississippi										
January 2022	-	-	W	W	-	-	-	W	2,717.4	W
December 2021	-	-	W	W	-	-	-	W	2,909.8	W
January 2021	-	-	-	225.2	-	-	-	-	W	W
New Mexico										
January 2022	W	W	W	W	-	W	W	W	W	-
December 2021	W	W	W	W	-	W	W	W	W	-
January 2021	W	W	W	W	-	W	W	W	W	-
Texas										
January 2022	W	W	W	3,658.1	W	W	W	W	32,472.1	W
December 2021	W	W	W	3,982.6	W	W	W	W	35,191.5	W
January 2021	W	W	W	W	909.7	W	W	W	31,702.0	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

	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4										
January 2022	W	196.7	W	W	-	W	W	-	91.0	-
December 2021	W	210.5	W	W	-	W	W	-	87.7	-
January 2021	253.1	261.7	W	W	-	53.6	54.6	-	89.2	-
Colorado										
January 2022	W	W	-	3,983.8	-	W	W	-	31.5	-
December 2021	W	W	-	4,299.1	-	W	W	-	30.5	-
January 2021	133.0	135.5	W	W	-	W	W	-	24.4	-
Idaho										
January 2022	W	W	-	1,349.7	-	-	-	-	3.5	-
December 2021	W	W	-	1,366.5	-	-	-	-	2.1	-
January 2021	W	W	-	1,237.3	-	W	W	-	3.6	-
Montana										
January 2022	W	W	-	1,047.7	-	W	W	-	4.4	-
December 2021	W	W	-	1,132.0	-	W	W	-	4.7	-
January 2021	W	W	-	1,008.3	-	W	W	-	4.8	-
Utah										
January 2022	-	W	W	W	-	-	-	-	43.7	-
December 2021	-	W	W	W	-	-	-	-	39.8	-
January 2021	W	W	W	W	-	W	W	-	49.0	-
Wyoming										
January 2022	W	W	W	W	-	W	W	-	8.0	-
December 2021	W	4.3	W	W	-	W	W	-	10.6	-
January 2021	W	6.6	-	663.5	-	W	W	-	7.4	-
PAD District 5										
January 2022	1,278.1	1,290.6	12,405.3	W	W	207.4	207.7	W	W	-
December 2021	1,395.8	1,409.6	13,519.7	W	W	226.5	227.0	117.9	119.1	-
January 2021	2,874.1	2,904.1	10,677.4	W	W	444.6	445.1	108.9	144.4	-
Alaska										
January 2022	W	W	W	W	-	W	W	-	W	-
December 2021	W	W	W	W	-	W	W	-	W	-
January 2021	W	W	W	362.2	-	W	W	W	W	-
Arizona										
January 2022	-	W	W	W	-	-	-	W	W	-
December 2021	-	W	W	W	-	-	-	W	W	-
January 2021	W	W	488.7	3,877.1	-	W	W	W	W	-
California										
January 2022	W	W	9,523.7	11,076.0	-	W	W	W	W	-
December 2021	W	W	10,432.8	12,374.1	-	W	W	W	W	-
January 2021	2,140.0	2,140.4	8,229.2	10,096.7	-	392.9	393.1	W	W	-
Hawaii										
January 2022	W	W	W	W	W	W	W	W	W	-
December 2021	W	W	W	W	W	W	W	W	W	-
January 2021	W	W	W	W	W	W	W	W	W	-
Nevada										
January 2022	-	W	W	W	-	-	-	W	W	-
December 2021	-	W	W	W	-	-	-	W	W	-
January 2021	W	W	W	W	-	W	W	W	W	-
Oregon										
January 2022	W	W	557.4	2,574.7	-	W	W	1.8	3.6	-
December 2021	W	W	W	2,718.9	W	W	W	W	W	-
January 2021	62.3	62.3	525.8	2,511.5	-	4.5	4.5	2.3	4.4	-
Washington										
January 2022	NA	NA	735.6	4,138.4	-	NA	NA	W	W	-
December 2021	187.6	190.5	766.5	4,717.4	-	19.0	19.1	W	W	-
January 2021	220.6	223.9	681.2	3,990.5	-	24.2	24.3	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

	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4										
January 2022	W	W	W	W	-	W	271.9	W	W	-
December 2021	W	W	W	W	-	W	290.4	W	W	-
January 2021	56.5	W	W	W	-	363.3	W	W	W	-
Colorado										
January 2022	W	W	-	899.1	-	W	W	-	4,914.4	-
December 2021	W	W	-	986.7	-	W	W	-	5,316.3	-
January 2021	W	W	W	W	-	199.7	202.3	W	W	-
Idaho										
January 2022	W	W	-	254.2	-	W	W	-	1,607.4	-
December 2021	W	W	-	247.4	-	W	W	-	1,616.0	-
January 2021	W	W	-	276.2	-	W	W	-	1,517.0	-
Montana										
January 2022	W	W	-	206.3	-	W	W	-	1,258.4	-
December 2021	W	W	-	201.1	-	W	W	-	1,337.8	-
January 2021	W	W	-	229.4	-	W	W	-	1,242.5	-
Utah										
January 2022	-	-	W	W	-	-	W	W	W	-
December 2021	-	-	W	W	-	-	W	W	W	-
January 2021	W	W	W	W	-	W	W	W	W	-
Wyoming										
January 2022	W	W	W	W	-	W	W	W	W	-
December 2021	W	W	W	W	-	W	5.1	W	W	-
January 2021	W	W	-	126.0	-	W	8.5	-	796.9	-
PAD District 5										
January 2022	389.4	389.7	W	W	W	1,874.9	1,888.1	16,254.4	W	W
December 2021	425.0	425.4	4,061.0	W	W	2,047.4	2,062.0	17,698.6	31,854.5	227.7
January 2021	814.9	816.5	3,548.3	W	W	4,133.6	4,165.6	14,334.5	W	W
Alaska										
January 2022	W	W	W	NA	-	W	W	W	438.9	-
December 2021	W	W	W	NA	-	W	W	133.9	W	-
January 2021	W	W	W	W	-	W	W	W	417.0	-
Arizona										
January 2022	-	-	W	W	-	-	W	W	W	-
December 2021	-	-	W	W	-	-	W	W	W	-
January 2021	W	W	W	W	-	W	W	587.4	4,445.8	-
California										
January 2022	W	W	3,091.2	W	W	W	W	W	14,380.8	W
December 2021	W	W	3,352.5	W	W	W	W	W	16,020.9	W
January 2021	698.3	698.3	2,909.5	W	W	3,231.2	3,231.7	W	13,444.2	W
Hawaii										
January 2022	W	W	W	W	W	W	W	W	W	W
December 2021	W	W	W	W	W	W	W	W	W	W
January 2021	W	W	W	W	W	W	W	W	W	W
Nevada										
January 2022	-	-	W	W	-	-	W	W	W	-
December 2021	-	-	W	W	-	-	W	W	W	-
January 2021	W	W	W	339.4	W	W	W	W	1,535.6	W
Oregon										
January 2022	W	W	100.8	336.4	-	W	W	660.0	2,914.7	-
December 2021	W	W	112.5	W	W	W	W	W	3,092.3	W
January 2021	10.4	10.4	105.5	367.3	-	77.2	77.2	633.6	2,883.2	-
Washington										
January 2022	NA	NA	174.7	W	W	NA	NA	W	4,969.5	W
December 2021	27.5	27.5	186.2	W	W	234.0	237.2	W	5,735.6	W
January 2021	35.9	36.1	177.2	W	W	280.7	284.3	W	4,885.0	W

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2021 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

	Conventional				
	Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States					
January 2022	2,328.2	2,447.6	W	172,744.0	W
December 2021	W	W	W	189,766.0	W
January 2021	11,205.0	11,332.6	W	162,290.3	W
PAD District 1					
January 2022	W	W	W	46,456.0	W
December 2021	W	W	W	51,217.9	W
January 2021	W	W	W	42,910.3	W
Subdistrict 1A					
January 2022	-	-	W	W	-
December 2021	-	-	W	W	-
January 2021	-	-	W	W	-
Connecticut					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
Maine					
January 2022	-	-	-	W	-
December 2021	-	-	-	W	-
January 2021	-	-	-	W	-
Massachusetts					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
New Hampshire					
January 2022	-	-	W	W	-
December 2021	-	-	W	W	-
January 2021	-	-	W	-	-
Rhode Island					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
Vermont					
January 2022	-	-	W	212.7	-
December 2021	-	-	W	238.8	-
January 2021	-	-	W	W	-
Subdistrict 1B					
January 2022	W	W	W	6,743.5	W
December 2021	W	W	W	W	2,265.8
January 2021	W	W	W	5,636.6	W
Delaware					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
District of Columbia					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
Maryland					
January 2022	-	-	-	W	-
December 2021	-	-	-	379.6	-
January 2021	-	-	-	W	-
New Jersey					
January 2022	-	-	-	-	W
December 2021	-	-	-	-	W
January 2021	-	-	-	-	W
New York					
January 2022	W	W	W	W	W
December 2021	W	W	W	W	W
January 2021	W	W	W	W	W
Pennsylvania					
January 2022	W	W	-	W	W
December 2021	W	W	-	W	W
January 2021	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

	Reformulated				
	Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States					
January 2022	2,841.8	2,857.6	W	66,791.4	W
December 2021	W	W	W	73,848.9	W
January 2021	6,744.9	6,757.9	W	62,028.5	W
PAD District 1					
January 2022	W	W	W	23,889.1	W
December 2021	W	W	W	W	W
January 2021	W	W	W	21,500.7	W
Subdistrict 1A					
January 2022	-	W	-	4,950.6	-
December 2021	-	W	-	5,487.4	-
January 2021	W	W	-	4,258.3	-
Connecticut					
January 2022	-	W	-	1,998.6	-
December 2021	-	W	-	2,268.8	-
January 2021	-	W	-	2,016.5	-
Maine					
January 2022	-	-	-	W	-
December 2021	-	-	-	W	-
January 2021	-	-	-	W	-
Massachusetts					
January 2022	-	-	-	1,905.1	-
December 2021	-	-	-	2,010.6	-
January 2021	W	W	-	1,193.2	-
New Hampshire					
January 2022	-	-	-	W	-
December 2021	-	-	-	W	-
January 2021	W	W	-	W	-
Rhode Island					
January 2022	-	-	-	835.5	-
December 2021	-	-	-	W	-
January 2021	W	W	-	W	-
Vermont					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
Subdistrict 1B					
January 2022	W	NA	W	15,624.6	W
December 2021	W	W	W	W	W
January 2021	W	W	W	14,042.5	W
Delaware					
January 2022	-	-	-	932.7	-
December 2021	-	-	-	1,141.0	-
January 2021	W	W	-	831.8	-
District of Columbia					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
Maryland					
January 2022	-	-	-	W	-
December 2021	-	-	-	3,471.3	-
January 2021	-	-	-	W	-
New Jersey					
January 2022	NA	NA	NA	6,848.9	W
December 2021	W	W	W	W	W
January 2021	W	W	W	6,429.9	W
New York					
January 2022	W	NA	W	W	-
December 2021	W	W	W	W	-
January 2021	W	W	W	W	-
Pennsylvania					
January 2022	-	-	-	W	W
December 2021	-	-	-	W	W
January 2021	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

	All formulations				
	Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States					
January 2022	5,170.0	5,305.3	17,938.8	239,535.4	7,692.5
December 2021	4,288.4	4,435.9	19,587.5	263,614.9	9,598.6
January 2021	17,949.9	18,090.5	15,707.7	224,318.9	6,495.6
PAD District 1					
January 2022	NA	NA	W	70,345.0	W
December 2021	W	W	W	W	3,819.3
January 2021	5,860.7	5,869.5	W	64,411.0	W
Subdistrict 1A					
January 2022	-	W	W	W	-
December 2021	-	W	W	W	-
January 2021	W	W	W	W	-
Connecticut					
January 2022	-	W	-	1,998.6	-
December 2021	-	W	-	2,268.8	-
January 2021	-	W	-	2,016.5	-
Maine					
January 2022	-	-	-	573.4	-
December 2021	-	-	-	592.2	-
January 2021	-	-	-	536.0	-
Massachusetts					
January 2022	-	-	-	1,905.1	-
December 2021	-	-	-	2,010.6	-
January 2021	W	W	-	1,193.2	-
New Hampshire					
January 2022	-	-	W	W	-
December 2021	-	-	W	W	-
January 2021	W	W	W	W	-
Rhode Island					
January 2022	-	-	-	835.5	-
December 2021	-	-	-	931.3	-
January 2021	W	W	-	753.3	-
Vermont					
January 2022	-	-	W	212.7	-
December 2021	-	-	W	238.8	-
January 2021	-	-	W	48.1	-
Subdistrict 1B					
January 2022	W	W	W	22,368.0	W
December 2021	W	W	W	25,090.9	W
January 2021	3,344.5	3,344.5	W	19,679.1	W
Delaware					
January 2022	-	-	-	932.7	-
December 2021	-	-	-	1,141.0	-
January 2021	W	W	-	831.8	-
District of Columbia					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
Maryland					
January 2022	-	-	-	3,426.5	-
December 2021	-	-	-	3,850.9	-
January 2021	-	-	-	3,144.6	-
New Jersey					
January 2022	NA	NA	NA	6,848.9	749.8
December 2021	W	W	W	W	1,375.7
January 2021	W	W	W	6,429.9	W
New York					
January 2022	W	W	W	W	W
December 2021	W	W	W	6,956.1	W
January 2021	2,187.5	2,187.5	W	W	W
Pennsylvania					
January 2022	W	W	-	W	W
December 2021	W	W	-	W	W
January 2021	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

	Conventional				
	Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C					
January 2022	W	90.5	-	W	W
December 2021	-	12.1	-	W	W
January 2021	W	W	-	W	W
Florida					
January 2022	W	W	-	W	W
December 2021	-	W	-	W	W
January 2021	W	W	-	14,209.0	-
Georgia					
January 2022	-	W	-	7,909.7	-
December 2021	-	3.0	-	8,573.7	-
January 2021	W	W	-	7,583.4	-
North Carolina					
January 2022	-	W	-	8,753.5	-
December 2021	-	W	-	10,157.5	-
January 2021	W	W	-	8,045.6	-
South Carolina					
January 2022	-	W	-	3,626.9	-
December 2021	-	W	-	W	W
January 2021	W	W	-	3,829.4	-
Virginia					
January 2022	-	-	-	2,485.9	-
December 2021	-	-	-	2,975.3	-
January 2021	-	-	-	2,523.9	-
West Virginia					
January 2022	-	-	-	W	W
December 2021	-	-	-	W	W
January 2021	W	W	-	W	W
PAD District 2					
January 2022	W	683.4	-	68,233.1	707.7
December 2021	W	W	-	75,398.3	507.2
January 2021	W	W	W	W	W
Illinois					
January 2022	W	W	-	W	W
December 2021	-	W	-	W	W
January 2021	W	W	-	3,336.7	-
Indiana					
January 2022	W	W	-	W	W
December 2021	-	W	-	W	W
January 2021	W	W	-	W	W
Iowa					
January 2022	-	-	-	3,057.9	-
December 2021	-	-	-	3,353.5	-
January 2021	-	W	-	3,011.2	-
Kansas					
January 2022	W	W	-	W	W
December 2021	W	W	-	W	W
January 2021	W	W	-	3,814.7	145.0
Kentucky					
January 2022	W	W	-	3,469.0	-
December 2021	-	W	-	3,855.9	-
January 2021	W	W	-	W	-
Michigan					
January 2022	-	W	-	10,605.0	-
December 2021	-	W	-	11,422.7	-
January 2021	W	W	-	8,578.3	-
Minnesota					
January 2022	W	W	-	W	W
December 2021	W	W	-	W	W
January 2021	W	W	W	4,465.6	W
Missouri					
January 2022	-	W	-	2,657.8	-
December 2021	-	W	-	3,044.9	-
January 2021	-	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

	Reformulated				
	Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C					
January 2022	-	-	-	3,313.8	-
December 2021	-	-	-	3,779.0	-
January 2021	-	-	-	3,199.9	-
Florida					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
Georgia					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
North Carolina					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
South Carolina					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
Virginia					
January 2022	-	-	-	3,313.8	-
December 2021	-	-	-	3,779.0	-
January 2021	-	-	-	3,199.9	-
West Virginia					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
PAD District 2					
January 2022	W	W	-	11,095.3	-
December 2021	-	W	-	12,081.8	-
January 2021	W	W	-	W	W
Illinois					
January 2022	W	W	-	6,771.0	-
December 2021	-	W	-	7,346.3	-
January 2021	W	W	-	W	W
Indiana					
January 2022	-	W	-	1,363.7	-
December 2021	-	W	-	1,497.6	-
January 2021	W	W	-	839.5	-
Iowa					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
Kansas					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
Kentucky					
January 2022	W	W	-	712.6	-
December 2021	-	W	-	796.5	-
January 2021	W	W	-	W	-
Michigan					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
Minnesota					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
Missouri					
January 2022	-	-	-	418.1	-
December 2021	-	-	-	464.1	-
January 2021	-	-	-	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

	All formulations				
	Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C					
January 2022	W	90.5	-	W	W
December 2021	-	12.1	-	W	W
January 2021	W	W	-	W	W
Florida					
January 2022	W	W	-	W	W
December 2021	-	W	-	W	W
January 2021	W	W	-	14,209.0	-
Georgia					
January 2022	-	W	-	7,909.7	-
December 2021	-	3.0	-	8,573.7	-
January 2021	W	W	-	7,583.4	-
North Carolina					
January 2022	-	W	-	8,753.5	-
December 2021	-	W	-	10,157.5	-
January 2021	W	W	-	8,045.6	-
South Carolina					
January 2022	-	W	-	3,626.9	-
December 2021	-	W	-	W	W
January 2021	W	W	-	3,829.4	-
Virginia					
January 2022	-	-	-	5,799.7	-
December 2021	-	-	-	6,754.3	-
January 2021	-	-	-	5,723.8	-
West Virginia					
January 2022	-	-	-	W	W
December 2021	-	-	-	W	W
January 2021	W	W	-	W	W
PAD District 2					
January 2022	W	W	-	79,328.4	707.7
December 2021	W	146.8	-	87,480.0	507.2
January 2021	W	W	W	71,822.6	W
Illinois					
January 2022	W	W	-	W	W
December 2021	-	W	-	W	W
January 2021	W	W	-	W	W
Indiana					
January 2022	W	W	-	W	W
December 2021	-	W	-	W	W
January 2021	W	W	-	W	W
Iowa					
January 2022	-	-	-	3,057.9	-
December 2021	-	-	-	3,353.5	-
January 2021	-	W	-	3,011.2	-
Kansas					
January 2022	W	W	-	W	W
December 2021	W	W	-	W	W
January 2021	W	W	-	3,814.7	145.0
Kentucky					
January 2022	W	W	-	4,181.6	-
December 2021	-	W	-	4,652.3	-
January 2021	W	W	-	3,343.8	-
Michigan					
January 2022	-	W	-	10,605.0	-
December 2021	-	W	-	11,422.7	-
January 2021	W	W	-	8,578.3	-
Minnesota					
January 2022	W	W	-	W	W
December 2021	W	W	-	W	W
January 2021	W	W	W	4,465.6	W
Missouri					
January 2022	-	W	-	3,075.9	-
December 2021	-	W	-	3,509.0	-
January 2021	-	W	-	2,792.0	-

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

	Conventional				
	Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)					
Nebraska					
January 2022	W	W	-	1,566.1	-
December 2021	W	W	-	1,752.3	-
January 2021	W	W	-	1,411.1	-
North Dakota					
January 2022	W	W	-	788.6	-
December 2021	W	W	-	862.6	-
January 2021	W	W	-	744.6	-
Ohio					
January 2022	W	111.5	-	11,076.8	-
December 2021	W	W	-	12,150.4	-
January 2021	W	W	-	W	W
Oklahoma					
January 2022	W	W	-	3,927.2	525.7
December 2021	W	W	-	4,263.7	377.3
January 2021	W	W	-	3,984.6	247.5
South Dakota					
January 2022	W	W	-	1,020.2	-
December 2021	W	W	-	1,131.5	-
January 2021	W	W	-	934.9	-
Tennessee					
January 2022	W	W	-	8,339.0	-
December 2021	-	W	-	9,666.9	-
January 2021	W	W	-	8,593.4	-
Wisconsin					
January 2022	-	-	-	3,841.4	-
December 2021	-	-	-	3,851.5	-
January 2021	W	W	-	3,672.3	-
PAD District 3					
January 2022	W	W	540.6	W	W
December 2021	W	W	641.4	W	W
January 2021	W	W	53.5	W	W
Alabama					
January 2022	-	W	-	4,716.5	-
December 2021	-	W	-	5,142.5	-
January 2021	W	W	-	W	W
Arkansas					
January 2022	-	-	-	2,896.3	-
December 2021	-	-	-	3,250.1	-
January 2021	-	-	-	2,983.6	-
Louisiana					
January 2022	-	W	-	W	W
December 2021	-	W	-	W	W
January 2021	-	W	-	W	1,066.7
Mississippi					
January 2022	-	-	W	2,717.4	W
December 2021	-	-	W	2,909.8	W
January 2021	-	-	-	W	W
New Mexico					
January 2022	W	W	W	W	-
December 2021	W	W	W	W	-
January 2021	W	W	W	W	-
Texas					
January 2022	W	W	W	W	1,026.8
December 2021	W	W	W	W	566.7
January 2021	W	W	W	W	W

See footnotes at end of table.

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

thousand gallons per day

	Reformulated				
	Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)					
Nebraska					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
North Dakota					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
Ohio					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
Oklahoma					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
South Dakota					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
Tennessee					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
Wisconsin					
January 2022	-	-	-	1,829.9	-
December 2021	-	-	-	1,977.3	-
January 2021	W	W	-	1,542.6	-
PAD District 3					
January 2022	-	-	-	W	W
December 2021	-	-	-	W	W
January 2021	W	W	-	W	-
Alabama					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
Arkansas					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
Louisiana					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	W	-
Mississippi					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
New Mexico					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
Texas					
January 2022	-	-	-	W	W
December 2021	-	-	-	W	W
January 2021	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

	All formulations				
	Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)					
Nebraska					
January 2022	W	W	-	1,566.1	-
December 2021	W	W	-	1,752.3	-
January 2021	W	W	-	1,411.1	-
North Dakota					
January 2022	W	W	-	788.6	-
December 2021	W	W	-	862.6	-
January 2021	W	W	-	744.6	-
Ohio					
January 2022	W	111.5	-	11,076.8	-
December 2021	W	W	-	12,150.4	-
January 2021	W	W	-	W	W
Oklahoma					
January 2022	W	W	-	3,927.2	525.7
December 2021	W	W	-	4,263.7	377.3
January 2021	W	W	-	3,984.6	247.5
South Dakota					
January 2022	W	W	-	1,020.2	-
December 2021	W	W	-	1,131.5	-
January 2021	W	W	-	934.9	-
Tennessee					
January 2022	W	W	-	8,339.0	-
December 2021	-	W	-	9,666.9	-
January 2021	W	W	-	8,593.4	-
Wisconsin					
January 2022	-	-	-	5,671.4	-
December 2021	-	-	-	5,828.8	-
January 2021	W	W	-	5,215.0	-
PAD District 3					
January 2022	W	W	540.6	49,570.5	3,773.2
December 2021	W	W	641.4	53,800.3	5,044.4
January 2021	W	832.2	53.5	48,889.7	3,159.5
Alabama					
January 2022	-	W	-	4,716.5	-
December 2021	-	W	-	5,142.5	-
January 2021	W	W	-	W	W
Arkansas					
January 2022	-	-	-	2,896.3	-
December 2021	-	-	-	3,250.1	-
January 2021	-	-	-	2,983.6	-
Louisiana					
January 2022	-	W	-	W	W
December 2021	-	W	-	W	W
January 2021	-	W	-	5,601.0	1,066.7
Mississippi					
January 2022	-	-	W	2,717.4	W
December 2021	-	-	W	2,909.8	W
January 2021	-	-	-	W	W
New Mexico					
January 2022	W	W	W	W	-
December 2021	W	W	W	W	-
January 2021	W	W	W	W	-
Texas					
January 2022	W	W	W	32,472.1	W
December 2021	W	W	W	35,191.5	W
January 2021	W	W	W	31,702.0	W

See footnotes at end of table.

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

thousand gallons per day

	Conventional				
	Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4					
January 2022	W	271.9	W	W	-
December 2021	W	290.4	W	W	-
January 2021	363.3	W	W	W	-
Colorado					
January 2022	W	W	-	4,914.4	-
December 2021	W	W	-	5,316.3	-
January 2021	199.7	202.3	W	W	-
Idaho					
January 2022	W	W	-	1,607.4	-
December 2021	W	W	-	1,616.0	-
January 2021	W	W	-	1,517.0	-
Montana					
January 2022	W	W	-	1,258.4	-
December 2021	W	W	-	1,337.8	-
January 2021	W	W	-	1,242.5	-
Utah					
January 2022	-	W	W	W	-
December 2021	-	W	W	W	-
January 2021	W	W	W	W	-
Wyoming					
January 2022	W	W	W	W	-
December 2021	W	5.1	W	W	-
January 2021	W	8.5	-	796.9	-
PAD District 5					
January 2022	W	W	W	W	W
December 2021	W	W	W	W	227.7
January 2021	902.4	933.3	W	W	W
Alaska					
January 2022	W	W	W	438.9	-
December 2021	W	W	133.9	W	-
January 2021	W	W	W	417.0	-
Arizona					
January 2022	-	W	W	1,763.0	-
December 2021	-	W	W	1,824.4	-
January 2021	W	W	W	1,756.0	-
California					
January 2022	-	-	-	W	W
December 2021	-	-	-	W	W
January 2021	-	-	-	W	W
Hawaii					
January 2022	W	W	W	W	W
December 2021	W	W	W	W	W
January 2021	W	W	W	W	W
Nevada					
January 2022	-	W	W	W	-
December 2021	-	W	W	W	-
January 2021	W	W	W	1,535.6	W
Oregon					
January 2022	W	W	660.0	2,914.7	-
December 2021	W	W	W	3,092.3	W
January 2021	77.2	77.2	633.6	2,883.2	-
Washington					
January 2022	NA	NA	W	4,969.5	W
December 2021	234.0	237.2	W	5,735.6	W
January 2021	280.7	284.3	W	4,885.0	W

See footnotes at end of table.

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

thousand gallons per day

	Reformulated				
	Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
Colorado					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
Idaho					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
Montana					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
Utah					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
Wyoming					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
PAD District 5					
January 2022	W	W	W	W	-
December 2021	W	W	W	W	-
January 2021	3,231.2	3,232.4	W	W	-
Alaska					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
Arizona					
January 2022	-	-	W	W	-
December 2021	-	-	W	W	-
January 2021	-	W	W	2,689.8	-
California					
January 2022	W	W	W	W	-
December 2021	W	W	W	W	-
January 2021	3,231.2	W	W	W	-
Hawaii					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
Nevada					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
Oregon					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-
Washington					
January 2022	-	-	-	-	-
December 2021	-	-	-	-	-
January 2021	-	-	-	-	-

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

	All formulations				
	Sales to end users		Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4					
January 2022	W	271.9	W	W	-
December 2021	W	290.4	W	W	-
January 2021	363.3	W	W	W	-
Colorado					
January 2022	W	W	-	4,914.4	-
December 2021	W	W	-	5,316.3	-
January 2021	199.7	202.3	W	W	-
Idaho					
January 2022	W	W	-	1,607.4	-
December 2021	W	W	-	1,616.0	-
January 2021	W	W	-	1,517.0	-
Montana					
January 2022	W	W	-	1,258.4	-
December 2021	W	W	-	1,337.8	-
January 2021	W	W	-	1,242.5	-
Utah					
January 2022	-	W	W	W	-
December 2021	-	W	W	W	-
January 2021	W	W	W	W	-
Wyoming					
January 2022	W	W	W	W	-
December 2021	W	5.1	W	W	-
January 2021	W	8.5	-	796.9	-
PAD District 5					
January 2022	1,874.9	1,888.1	16,254.4	W	W
December 2021	2,047.4	2,062.0	17,698.6	31,854.5	227.7
January 2021	4,133.6	4,165.6	14,334.5	W	W
Alaska					
January 2022	W	W	W	438.9	-
December 2021	W	W	133.9	W	-
January 2021	W	W	W	417.0	-
Arizona					
January 2022	-	W	W	W	-
December 2021	-	W	W	W	-
January 2021	W	W	587.4	4,445.8	-
California					
January 2022	W	W	W	14,380.8	W
December 2021	W	W	W	16,020.9	W
January 2021	3,231.2	3,231.7	W	13,444.2	W
Hawaii					
January 2022	W	W	W	W	W
December 2021	W	W	W	W	W
January 2021	W	W	W	W	W
Nevada					
January 2022	-	W	W	W	-
December 2021	-	W	W	W	-
January 2021	W	W	W	1,535.6	W
Oregon					
January 2022	W	W	660.0	2,914.7	-
December 2021	W	W	W	3,092.3	W
January 2021	77.2	77.2	633.6	2,883.2	-
Washington					
January 2022	NA	NA	W	4,969.5	W
December 2021	234.0	237.2	W	5,735.6	W
January 2021	280.7	284.3	W	4,885.0	W

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2021 are final. Totals may not equal the sum of the components due to rounding.

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

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

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States										
January 2022	2.8	308.5	29,600.7	26,977.4	3.8	1,181.1	182.3	3,099.8	4,130.4	37,258.1
December 2021	W	364.5	32,214.3	30,127.2	1.1	999.7	165.1	2,523.7	3,535.5	29,088.1
January 2021	4.4	385.3	21,330.9	20,768.2	W	910.4	110.7	2,031.7	3,875.4	32,591.9
PAD District 1										
January 2022	1.0	85.3	4,380.6	6,299.5	W	357.0	-	W	-	6,924.4
December 2021	W	108.4	4,997.1	7,310.0	W	269.4	-	W	-	5,536.9
January 2021	1.7	85.8	3,099.2	3,442.4	W	296.7	-	W	-	7,364.5
Subdistrict 1A										
January 2022	W	W	281.2	685.2	-	-	-	-	-	702.1
December 2021	W	W	338.9	567.5	-	-	-	-	-	592.5
January 2021	W	W	112.3	W	W	-	-	-	-	889.1
Connecticut										
January 2022	-	-	W	W	-	-	-	-	-	W
December 2021	-	-	W	W	-	-	-	-	-	W
January 2021	-	-	W	W	-	-	-	-	-	W
Maine										
January 2022	-	W	W	W	-	-	-	-	-	W
December 2021	W	W	W	W	-	-	-	-	-	W
January 2021	-	W	W	W	-	-	-	-	-	W
Massachusetts										
January 2022	W	-	W	W	-	-	-	-	-	W
December 2021	-	-	W	W	-	-	-	-	-	W
January 2021	W	-	W	W	W	-	-	-	-	W
New Hampshire										
January 2022	-	-	W	-	-	-	-	-	-	W
December 2021	-	-	W	-	-	-	-	-	-	W
January 2021	-	-	W	-	W	-	-	-	-	184.8
Rhode Island										
January 2022	-	-	W	W	-	-	-	-	-	W
December 2021	-	-	W	W	-	-	-	-	-	W
January 2021	-	-	W	W	W	-	-	-	-	W
Vermont										
January 2022	-	-	W	W	-	-	-	-	-	W
December 2021	-	-	W	W	-	-	-	-	-	W
January 2021	-	-	W	W	-	-	-	-	-	W
Subdistrict 1B										
January 2022	-	W	1,680.3	3,348.9	W	241.0	-	W	-	2,818.1
December 2021	-	W	2,167.0	3,817.0	W	171.0	-	21.5	-	2,262.9
January 2021	-	W	1,112.8	1,642.1	W	191.2	-	W	-	3,208.8
Delaware										
January 2022	-	-	-	-	-	-	-	-	-	W
December 2021	-	-	-	-	-	-	-	-	-	W
January 2021	-	-	-	-	W	-	-	-	-	W
District of Columbia										
January 2022	-	-	-	-	-	-	-	-	-	-
December 2021	-	-	-	-	-	-	-	-	-	-
January 2021	-	-	-	-	-	-	-	-	-	-
Maryland										
January 2022	-	-	W	40.2	-	W	-	-	-	W
December 2021	-	-	W	80.8	-	W	-	-	-	W
January 2021	-	-	W	25.9	-	W	-	-	-	W
New Jersey										
January 2022	-	-	601.3	1,941.5	-	W	-	W	-	339.6
December 2021	-	-	753.8	2,295.0	-	W	-	W	-	293.5
January 2021	-	-	287.9	1,474.8	W	W	-	-	-	333.5
New York										
January 2022	-	W	860.9	84.8	W	92.2	-	W	-	1,085.7
December 2021	-	W	1,105.3	110.3	W	61.0	-	W	-	738.9
January 2021	-	W	641.3	39.3	W	W	-	W	-	1,027.7
Pennsylvania										
January 2022	-	W	W	1,282.4	W	W	-	W	-	1,256.0
December 2021	-	W	W	1,330.9	W	W	-	W	-	1,089.5
January 2021	-	W	W	102.2	W	11.0	-	W	-	1,601.7

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C										
January 2022	W	68.9	2,419.1	2,265.4	-	115.9	-	W	-	3,404.2
December 2021	-	79.6	2,491.3	2,925.5	-	98.3	-	W	-	2,681.5
January 2021	W	64.7	1,874.1	W	W	105.5	-	W	-	3,266.6
Florida										
January 2022	W	48.4	W	2,035.1	-	W	-	-	-	402.7
December 2021	-	53.3	W	2,585.3	-	-	-	-	-	386.7
January 2021	W	W	W	1,360.4	W	-	-	-	-	445.9
Georgia										
January 2022	W	W	W	65.4	-	W	-	W	-	619.9
December 2021	-	W	W	W	-	W	-	W	-	535.2
January 2021	W	W	W	48.2	-	W	-	W	-	654.2
North Carolina										
January 2022	-	W	W	61.7	-	103.6	-	-	-	1,092.6
December 2021	-	W	W	90.4	-	W	-	-	-	808.0
January 2021	-	W	W	56.7	W	97.0	-	-	-	1,161.0
South Carolina										
January 2022	-	-	W	59.5	-	W	-	-	-	894.6
December 2021	-	-	W	85.5	-	W	-	-	-	669.2
January 2021	-	-	W	32.0	W	W	-	-	-	808.1
Virginia										
January 2022	-	W	236.0	W	-	W	-	-	-	W
December 2021	-	W	234.7	93.4	-	W	-	-	-	W
January 2021	-	W	254.8	39.8	-	W	-	-	-	W
West Virginia										
January 2022	-	-	-	W	-	-	-	-	-	W
December 2021	-	-	-	W	-	-	-	-	-	W
January 2021	-	-	-	W	W	-	-	-	-	W
PAD District 2										
January 2022	W	65.1	5,903.1	4,017.6	W	W	13.5	2,245.8	W	16,613.5
December 2021	W	83.4	7,279.5	4,299.0	W	W	10.4	1,870.7	W	11,902.9
January 2021	W	W	5,320.4	2,574.9	W	109.5	16.7	1,477.5	W	13,534.1
Illinois										
January 2022	-	W	1,582.1	W	W	W	W	W	W	2,720.5
December 2021	-	W	1,832.7	W	-	W	W	W	W	2,312.2
January 2021	W	W	1,317.8	W	W	W	W	W	W	2,373.1
Indiana										
January 2022	-	-	731.6	143.0	W	20.4	-	W	W	861.4
December 2021	-	-	789.3	168.5	-	17.3	-	W	-	490.2
January 2021	-	-	550.6	137.4	W	14.2	-	W	W	970.3
Iowa										
January 2022	-	-	W	W	-	W	W	225.8	W	W
December 2021	-	-	W	W	-	-	-	211.5	W	W
January 2021	-	-	18.5	W	-	-	W	153.2	W	W
Kansas										
January 2022	W	W	W	W	-	W	-	153.5	-	4,184.8
December 2021	W	W	W	W	-	W	-	141.2	-	2,344.5
January 2021	W	W	W	W	-	W	-	104.3	-	3,139.6
Kentucky										
January 2022	W	W	W	361.0	W	W	-	W	-	860.5
December 2021	W	W	W	424.2	-	W	-	W	-	567.3
January 2021	W	W	W	214.1	W	W	-	W	-	640.4
Michigan										
January 2022	-	-	W	449.3	-	W	NA	32.2	-	1,437.1
December 2021	W	-	W	541.4	-	W	W	22.1	-	1,165.6
January 2021	-	-	W	268.6	W	W	W	24.1	-	1,110.9
Minnesota										
January 2022	W	W	W	666.1	NA	W	W	562.7	W	984.8
December 2021	W	W	W	680.0	W	W	4.1	459.6	W	697.4
January 2021	W	W	W	491.4	W	W	W	464.5	W	911.0
Missouri										
January 2022	W	W	W	W	-	W	W	15.1	W	563.5
December 2021	W	W	W	W	-	W	W	16.4	W	379.7
January 2021	W	-	W	W	-	W	W	12.5	W	585.3

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										
January 2022	-	-	W	W	-	-	W	128.0	W	W
December 2021	W	-	W	W	-	-	W	133.6	W	W
January 2021	W	-	W	W	-	-	W	107.8	W	W
North Dakota										
January 2022	-	-	W	W	NA	-	NA	480.6	W	725.3
December 2021	-	-	W	W	W	W	W	401.4	W	637.0
January 2021	-	-	W	W	W	-	W	178.7	W	425.7
Ohio										
January 2022	-	W	375.5	338.1	W	W	-	W	-	1,529.4
December 2021	W	W	465.9	371.8	-	W	-	W	-	1,226.8
January 2021	W	W	319.3	238.7	W	W	-	W	-	982.8
Oklahoma										
January 2022	W	-	W	457.7	-	W	-	112.9	W	372.1
December 2021	W	-	W	485.5	-	W	-	W	W	281.2
January 2021	W	-	W	W	-	W	-	W	W	392.6
South Dakota										
January 2022	-	-	W	-	-	-	W	129.6	W	W
December 2021	-	-	W	-	-	-	W	143.0	W	W
January 2021	-	-	W	-	-	-	W	97.0	W	W
Tennessee										
January 2022	W	W	W	123.7	-	W	-	W	-	254.1
December 2021	W	W	W	192.0	-	W	-	W	-	223.1
January 2021	W	W	W	104.9	W	W	-	W	-	264.6
Wisconsin										
January 2022	-	-	56.8	W	-	W	-	216.3	W	1,128.4
December 2021	-	-	64.5	W	-	W	-	156.9	W	888.4
January 2021	-	-	W	W	W	W	W	143.8	W	916.6
PAD District 3										
January 2022	W	85.2	8,846.7	8,275.4	-	640.1	-	W	3,889.1	10,816.3
December 2021	W	102.6	8,431.0	9,510.8	-	608.5	-	W	3,283.6	8,817.2
January 2021	W	84.9	5,475.8	8,666.5	-	W	-	W	3,554.5	8,837.9
Alabama										
January 2022	-	W	73.9	79.5	-	W	-	-	-	373.9
December 2021	-	W	63.0	87.0	-	W	-	-	-	298.8
January 2021	W	W	44.9	41.8	-	W	-	-	-	375.0
Arkansas										
January 2022	W	W	W	W	-	-	-	-	-	W
December 2021	W	-	W	W	-	-	-	-	-	W
January 2021	W	-	W	W	-	-	-	-	-	W
Louisiana										
January 2022	W	W	1,743.1	2,439.4	-	W	-	W	783.8	714.4
December 2021	W	W	1,726.2	2,184.8	-	W	-	W	838.1	617.8
January 2021	-	W	581.2	2,151.2	-	W	-	W	779.6	679.1
Mississippi										
January 2022	-	W	907.8	161.9	-	W	-	-	-	532.8
December 2021	-	W	871.8	W	-	W	-	-	-	532.3
January 2021	-	W	344.8	609.5	-	W	-	-	-	759.7
New Mexico										
January 2022	W	-	W	W	-	-	-	-	-	W
December 2021	W	-	W	72.5	-	-	-	-	-	W
January 2021	W	-	W	W	-	-	-	-	-	W
Texas										
January 2022	W	78.6	6,085.6	5,513.1	-	W	-	-	3,105.3	9,050.4
December 2021	W	93.4	5,707.1	6,679.7	-	W	-	-	2,445.5	7,235.0
January 2021	W	79.6	4,485.8	5,790.9	-	W	-	-	2,774.8	6,826.8

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4										
January 2022	W	W	912.5	1,170.6	-	-	W	266.1	W	1,155.5
December 2021	W	W	949.8	1,254.2	-	-	W	237.0	W	1,004.4
January 2021	W	W	712.7	802.0	-	-	W	207.9	W	1,104.7
Colorado										
January 2022	W	-	320.5	738.9	-	-	NA	75.1	W	400.0
December 2021	W	-	321.6	810.7	-	-	W	52.9	-	379.7
January 2021	W	-	181.1	458.2	-	-	W	59.1	-	430.0
Idaho										
January 2022	-	-	W	18.6	-	-	W	15.4	NA	W
December 2021	-	-	W	22.3	-	-	W	10.6	W	W
January 2021	-	-	W	19.3	-	-	W	11.0	W	W
Montana										
January 2022	-	W	W	W	-	-	W	85.3	W	186.5
December 2021	W	W	W	W	-	-	W	88.7	W	153.8
January 2021	-	W	W	W	-	-	W	63.4	W	168.7
Utah										
January 2022	-	W	438.7	300.8	-	-	W	33.1	-	W
December 2021	-	W	463.9	283.1	-	-	-	31.0	-	W
January 2021	-	W	392.5	231.7	-	-	W	27.2	-	W
Wyoming										
January 2022	-	-	65.2	W	-	-	W	57.2	-	428.3
December 2021	W	-	55.5	W	-	-	W	53.7	-	346.4
January 2021	-	-	W	W	-	-	-	47.3	-	416.6
PAD District 5										
January 2022	W	W	9,557.8	7,214.4	NA	W	W	436.1	W	1,748.5
December 2021	W	W	10,556.9	7,753.3	W	W	W	392.6	W	1,826.8
January 2021	W	152.6	6,722.8	5,282.4	W	W	W	335.1	W	1,750.7
Alaska										
January 2022	-	-	W	W	-	-	W	W	W	W
December 2021	-	-	W	W	-	-	W	W	W	W
January 2021	W	-	W	W	-	-	W	W	W	W
Arizona										
January 2022	W	W	111.4	239.2	-	-	-	-	-	187.6
December 2021	W	W	144.5	287.4	-	-	-	-	-	195.9
January 2021	W	W	W	W	-	-	-	-	-	214.2
California										
January 2022	-	34.5	5,390.6	5,630.6	-	W	-	-	-	1,141.2
December 2021	W	27.9	6,400.5	5,541.6	-	W	-	-	-	1,264.3
January 2021	W	W	3,605.8	3,845.6	W	W	-	-	-	1,113.7
Hawaii										
January 2022	-	-	W	W	-	-	-	-	-	W
December 2021	-	-	W	W	-	-	-	-	-	W
January 2021	-	-	W	W	-	-	-	-	-	W
Nevada										
January 2022	-	-	W	213.5	-	-	-	-	-	W
December 2021	-	-	W	181.7	-	-	-	-	-	W
January 2021	-	-	W	W	-	-	-	-	-	W
Oregon										
January 2022	-	W	227.9	W	-	-	-	W	W	W
December 2021	-	W	304.5	W	-	-	-	W	W	W
January 2021	-	W	191.2	76.0	-	-	-	W	W	W
Washington										
January 2022	-	W	1,843.4	292.1	NA	-	W	W	W	368.5
December 2021	-	W	1,309.6	708.5	W	-	W	W	W	315.3
January 2021	-	W	1,026.0	306.2	NA	-	W	W	W	353.5

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2021 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

	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
Geographic area month	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
January 2022	W	140,769.0	-	-	W	888.4
December 2021	W	149,114.9	-	-	W	1,101.1
January 2021	W	133,594.2	-	-	W	978.7
PAD District 1						
January 2022	832.0	W	-	-	-	W
December 2021	964.0	W	-	-	-	W
January 2021	1,262.7	26,727.7	-	-	-	W
Subdistrict 1A						
January 2022	W	1,104.7	-	-	-	-
December 2021	W	1,650.2	-	-	-	-
January 2021	W	W	-	-	-	-
Connecticut						
January 2022	W	W	-	-	-	-
December 2021	W	W	-	-	-	-
January 2021	W	W	-	-	-	-
Maine						
January 2022	-	W	-	-	-	-
December 2021	-	W	-	-	-	-
January 2021	-	W	-	-	-	-
Massachusetts						
January 2022	-	W	-	-	-	-
December 2021	-	W	-	-	-	-
January 2021	W	185.3	-	-	-	-
New Hampshire						
January 2022	-	W	-	-	-	-
December 2021	-	W	-	-	-	-
January 2021	W	W	-	-	-	-
Rhode Island						
January 2022	-	W	-	-	-	-
December 2021	-	W	-	-	-	-
January 2021	W	W	-	-	-	-
Vermont						
January 2022	-	W	-	-	-	-
December 2021	-	W	-	-	-	-
January 2021	-	W	-	-	-	-
Subdistrict 1B						
January 2022	W	W	-	-	-	W
December 2021	W	W	-	-	-	W
January 2021	W	W	-	-	-	W
Delaware						
January 2022	W	W	-	-	-	-
December 2021	W	W	-	-	-	-
January 2021	W	W	-	-	-	-
District of Columbia						
January 2022	-	W	-	-	-	-
December 2021	-	W	-	-	-	-
January 2021	-	W	-	-	-	-
Maryland						
January 2022	-	1,149.7	-	-	-	-
December 2021	-	1,238.5	-	-	-	-
January 2021	-	972.4	-	-	-	-
New Jersey						
January 2022	W	W	-	-	-	W
December 2021	W	W	-	-	-	W
January 2021	74.9	W	-	-	-	W
New York						
January 2022	W	W	-	-	-	W
December 2021	59.0	W	-	-	-	W
January 2021	145.7	W	-	-	-	W
Pennsylvania						
January 2022	205.7	3,914.1	-	-	-	-
December 2021	247.6	4,608.8	-	-	-	-
January 2021	267.9	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

	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
Geographic area month	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
January 2022	W	15,886.3	-	-	-	-
December 2021	W	16,414.8	-	-	-	-
January 2021	W	14,651.9	-	-	-	-
Florida						
January 2022	157.1	5,203.7	-	-	-	-
December 2021	148.4	5,225.2	-	-	-	-
January 2021	247.5	4,675.9	-	-	-	-
Georgia						
January 2022	135.1	3,089.0	-	-	-	-
December 2021	115.7	W	-	-	-	-
January 2021	59.9	2,492.5	-	-	-	-
North Carolina						
January 2022	92.8	W	-	-	-	-
December 2021	91.3	W	-	-	-	-
January 2021	207.3	W	-	-	-	-
South Carolina						
January 2022	W	1,590.6	-	-	-	-
December 2021	W	1,761.3	-	-	-	-
January 2021	W	1,608.6	-	-	-	-
Virginia						
January 2022	11.9	W	-	-	-	-
December 2021	5.1	W	-	-	-	-
January 2021	6.2	W	-	-	-	-
West Virginia						
January 2022	W	W	-	-	-	-
December 2021	W	W	-	-	-	-
January 2021	192.2	W	-	-	-	-
PAD District 2						
January 2022	W	W	-	-	-	-
December 2021	W	W	-	-	-	-
January 2021	W	42,352.6	-	-	-	-
Illinois						
January 2022	263.3	6,587.3	-	-	-	-
December 2021	87.3	5,540.5	-	-	-	-
January 2021	105.1	6,926.1	-	-	-	-
Indiana						
January 2022	100.3	3,549.2	-	-	-	-
December 2021	W	3,755.8	-	-	-	-
January 2021	181.8	3,500.4	-	-	-	-
Iowa						
January 2022	W	1,775.5	-	-	-	-
December 2021	36.9	2,154.1	-	-	-	-
January 2021	W	1,637.1	-	-	-	-
Kansas						
January 2022	W	2,662.8	-	-	-	-
December 2021	405.7	3,440.0	-	-	-	-
January 2021	547.5	2,852.7	-	-	-	-
Kentucky						
January 2022	179.6	1,893.8	-	-	-	-
December 2021	W	1,993.0	-	-	-	-
January 2021	403.6	1,632.3	-	-	-	-
Michigan						
January 2022	W	W	-	-	-	-
December 2021	W	2,796.4	-	-	-	-
January 2021	146.7	W	-	-	-	-
Minnesota						
January 2022	99.8	W	-	-	-	-
December 2021	253.3	W	-	-	-	-
January 2021	W	W	-	-	-	-
Missouri						
January 2022	NA	1,584.4	-	-	-	-
December 2021	1.3	1,748.6	-	-	-	-
January 2021	1.1	1,757.5	-	-	-	-

See footnotes at end of table.

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

thousand gallons per day

	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
Geographic area month	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
January 2022	424.0	1,249.8	-	-	-	-
December 2021	346.8	1,388.7	-	-	-	-
January 2021	412.5	1,244.3	-	-	-	-
North Dakota						
January 2022	W	633.1	-	-	-	-
December 2021	W	786.8	-	-	-	-
January 2021	W	885.0	-	-	-	-
Ohio						
January 2022	W	W	-	-	-	-
December 2021	W	W	-	-	-	-
January 2021	364.1	5,385.0	-	-	-	-
Oklahoma						
January 2022	W	6,027.1	-	-	-	-
December 2021	W	6,360.1	-	-	-	-
January 2021	136.6	5,748.2	-	-	-	-
South Dakota						
January 2022	W	462.2	-	-	-	-
December 2021	W	636.1	-	-	-	-
January 2021	W	581.4	-	-	-	-
Tennessee						
January 2022	236.6	5,252.1	-	-	-	-
December 2021	229.7	3,514.6	-	-	-	-
January 2021	210.6	3,457.3	-	-	-	-
Wisconsin						
January 2022	W	2,245.6	-	-	-	-
December 2021	17.6	2,336.7	-	-	-	-
January 2021	W	W	-	-	-	-
PAD District 3						
January 2022	1,811.1	W	-	-	-	W
December 2021	1,671.5	W	-	-	-	W
January 2021	1,868.4	41,253.9	-	-	-	259.4
Alabama						
January 2022	145.4	1,874.5	-	-	-	-
December 2021	148.3	1,920.7	-	-	-	-
January 2021	150.5	1,775.4	-	-	-	-
Arkansas						
January 2022	W	1,749.1	-	-	-	-
December 2021	W	1,789.5	-	-	-	-
January 2021	W	1,592.1	-	-	-	-
Louisiana						
January 2022	W	10,429.2	-	-	-	W
December 2021	W	9,070.5	-	-	-	W
January 2021	W	W	-	-	-	W
Mississippi						
January 2022	24.0	W	-	-	-	-
December 2021	11.1	W	-	-	-	-
January 2021	23.2	1,579.2	-	-	-	-
New Mexico						
January 2022	74.1	1,192.1	-	-	-	-
December 2021	69.1	1,245.3	-	-	-	-
January 2021	100.2	1,354.5	-	-	-	-
Texas						
January 2022	1,285.0	W	-	-	-	W
December 2021	1,207.6	W	-	-	-	W
January 2021	1,419.7	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

	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
Geographic area month	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
January 2022	W	6,715.6	-	-	-	-
December 2021	W	6,093.6	-	-	-	-
January 2021	W	6,118.8	-	-	-	-
Colorado						
January 2022	208.8	1,859.8	-	-	-	-
December 2021	235.6	1,908.9	-	-	-	-
January 2021	187.7	1,967.2	-	-	-	-
Idaho						
January 2022	9.9	1,072.8	-	-	-	-
December 2021	W	937.7	-	-	-	-
January 2021	W	918.4	-	-	-	-
Montana						
January 2022	W	869.9	-	-	-	-
December 2021	244.1	890.5	-	-	-	-
January 2021	210.9	943.2	-	-	-	-
Utah						
January 2022	W	2,008.5	-	-	-	-
December 2021	W	1,456.7	-	-	-	-
January 2021	279.8	1,601.6	-	-	-	-
Wyoming						
January 2022	W	904.5	-	-	-	-
December 2021	245.6	899.8	-	-	-	-
January 2021	225.4	688.5	-	-	-	-
PAD District 5						
January 2022	W	15,622.2	-	-	W	W
December 2021	W	17,210.5	-	-	W	W
January 2021	W	17,141.2	-	-	W	W
Alaska						
January 2022	W	W	-	-	-	-
December 2021	W	W	-	-	-	-
January 2021	W	W	-	-	-	-
Arizona						
January 2022	W	1,154.8	-	-	-	-
December 2021	335.1	1,172.6	-	-	-	-
January 2021	369.5	1,139.9	-	-	-	-
California						
January 2022	858.0	W	-	-	-	W
December 2021	746.7	W	-	-	-	W
January 2021	964.7	W	-	-	-	W
Hawaii						
January 2022	W	W	-	-	W	W
December 2021	W	W	-	-	W	W
January 2021	W	W	-	-	W	W
Nevada						
January 2022	W	373.1	-	-	-	-
December 2021	W	432.6	-	-	-	-
January 2021	W	464.7	-	-	-	-
Oregon						
January 2022	20.2	1,868.9	-	-	-	-
December 2021	W	1,819.3	-	-	-	-
January 2021	17.1	2,090.9	-	-	-	-
Washington						
January 2022	150.7	W	-	-	-	W
December 2021	W	W	-	-	-	W
January 2021	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 2021 are final. Totals may not equal the sum of the components due to rounding.

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

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

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States				
January 2022	59.9	10,997.0	8,027.8	152,654.4
December 2021	89.9	8,530.5	8,042.7	158,746.5
January 2021	68.1	9,116.6	9,318.4	143,689.5
PAD District 1				
January 2022	-	9,090.7	832.0	38,900.2
December 2021	-	7,164.1	964.0	39,233.6
January 2021	-	W	1,262.7	33,019.3
Subdistrict 1A				
January 2022	-	2,868.8	W	3,973.5
December 2021	-	2,264.8	W	3,915.0
January 2021	-	W	W	3,077.9
Connecticut				
January 2022	-	W	W	2,305.3
December 2021	-	W	W	2,214.5
January 2021	-	W	W	1,594.0
Maine				
January 2022	-	W	-	251.8
December 2021	-	W	-	232.0
January 2021	-	W	-	195.8
Massachusetts				
January 2022	-	W	-	608.9
December 2021	-	W	-	638.0
January 2021	-	308.8	W	494.1
New Hampshire				
January 2022	-	W	-	W
December 2021	-	W	-	W
January 2021	-	W	W	W
Rhode Island				
January 2022	-	W	-	446.3
December 2021	-	W	-	522.1
January 2021	-	W	W	441.5
Vermont				
January 2022	-	W	-	W
December 2021	-	W	-	W
January 2021	-	W	-	W
Subdistrict 1B				
January 2022	-	6,094.0	W	18,912.5
December 2021	-	4,798.7	W	18,803.2
January 2021	-	3,783.7	W	15,112.1
Delaware				
January 2022	-	W	W	W
December 2021	-	W	W	W
January 2021	-	W	W	W
District of Columbia				
January 2022	-	-	-	W
December 2021	-	-	-	W
January 2021	-	-	-	W
Maryland				
January 2022	-	W	-	1,502.7
December 2021	-	322.3	-	1,560.8
January 2021	-	338.3	-	1,310.6
New Jersey				
January 2022	-	3,453.2	W	9,612.9
December 2021	-	2,774.6	W	9,555.1
January 2021	-	1,424.5	74.9	6,584.5
New York				
January 2022	-	680.1	W	1,649.9
December 2021	-	W	59.0	1,495.4
January 2021	-	860.2	145.7	1,695.2
Pennsylvania				
January 2022	-	1,565.2	205.7	5,479.3
December 2021	-	1,246.6	247.6	5,855.4
January 2021	-	W	267.9	5,220.5

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C				
January 2022	-	127.9	576.0	16,014.2
December 2021	-	100.6	635.5	16,515.4
January 2021	-	177.4	750.1	14,829.4
Florida				
January 2022	-	-	157.1	5,203.7
December 2021	-	-	148.4	5,225.2
January 2021	-	-	247.5	4,675.9
Georgia				
January 2022	-	-	135.1	3,089.0
December 2021	-	W	115.7	3,101.4
January 2021	-	-	59.9	2,492.5
North Carolina				
January 2022	-	W	92.8	3,071.8
December 2021	-	W	91.3	3,287.6
January 2021	-	W	207.3	2,791.8
South Carolina				
January 2022	-	-	W	1,590.6
December 2021	-	-	W	1,761.3
January 2021	-	-	W	1,608.6
Virginia				
January 2022	-	W	11.9	2,415.6
December 2021	-	W	5.1	2,484.1
January 2021	-	W	W	2,553.9
West Virginia				
January 2022	-	W	W	643.4
December 2021	-	W	W	655.8
January 2021	-	W	192.2	706.7
PAD District 2				
January 2022	W	W	2,679.9	43,592.4
December 2021	W	W	2,679.4	43,652.7
January 2021	W	34.9	3,094.2	42,387.6
Illinois				
January 2022	-	-	263.3	6,587.3
December 2021	-	-	87.3	5,540.5
January 2021	-	-	105.1	6,926.1
Indiana				
January 2022	-	-	100.3	3,549.2
December 2021	-	-	W	3,755.8
January 2021	-	-	181.8	3,500.4
Iowa				
January 2022	-	-	W	1,775.5
December 2021	-	-	36.9	2,154.1
January 2021	-	-	W	1,637.1
Kansas				
January 2022	-	-	W	2,662.8
December 2021	-	-	405.7	3,440.0
January 2021	-	-	547.5	2,852.7
Kentucky				
January 2022	-	-	179.6	1,893.8
December 2021	-	-	W	1,993.0
January 2021	-	-	403.6	1,632.3
Michigan				
January 2022	-	W	W	2,528.1
December 2021	-	-	W	2,796.4
January 2021	-	W	146.7	2,403.3
Minnesota				
January 2022	-	W	99.8	1,738.9
December 2021	-	W	253.3	1,968.3
January 2021	W	W	224.9	2,201.9
Missouri				
January 2022	-	-	NA	1,584.4
December 2021	-	-	1.3	1,748.6
January 2021	-	-	1.1	1,757.5

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)				
Nebraska				
January 2022	-	-	424.0	1,249.8
December 2021	-	-	346.8	1,388.7
January 2021	-	-	412.5	1,244.3
North Dakota				
January 2022	-	-	W	633.1
December 2021	-	-	W	786.8
January 2021	-	-	W	885.0
Ohio				
January 2022	-	W	W	5,402.8
December 2021	-	W	W	5,232.8
January 2021	-	-	364.1	5,385.0
Oklahoma				
January 2022	-	-	W	6,027.1
December 2021	-	-	W	6,360.1
January 2021	-	-	136.6	5,748.2
South Dakota				
January 2022	W	-	W	462.2
December 2021	W	-	W	636.1
January 2021	W	-	W	581.4
Tennessee				
January 2022	-	-	236.6	5,252.1
December 2021	-	-	229.7	3,514.6
January 2021	-	-	210.6	3,457.3
Wisconsin				
January 2022	-	-	W	2,245.6
December 2021	-	-	17.6	2,336.7
January 2021	W	W	22.0	2,175.0
PAD District 3				
January 2022	-	1,888.9	1,811.1	47,250.6
December 2021	-	1,349.1	1,671.5	51,852.5
January 2021	-	3,028.9	1,868.4	44,542.2
Alabama				
January 2022	-	-	145.4	1,874.5
December 2021	-	-	148.3	1,920.7
January 2021	-	-	150.5	1,775.4
Arkansas				
January 2022	-	-	W	1,749.1
December 2021	-	-	W	1,789.5
January 2021	-	-	W	1,592.1
Louisiana				
January 2022	-	W	W	11,083.6
December 2021	-	W	W	9,552.9
January 2021	-	218.1	W	11,597.7
Mississippi				
January 2022	-	W	24.0	2,601.2
December 2021	-	W	11.1	3,342.0
January 2021	-	-	23.2	1,579.2
New Mexico				
January 2022	-	-	74.1	1,192.1
December 2021	-	-	69.1	1,245.3
January 2021	-	-	100.2	1,354.5
Texas				
January 2022	-	1,097.5	1,285.0	28,750.0
December 2021	-	910.0	1,207.6	34,002.1
January 2021	-	2,810.8	1,419.7	26,643.3

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4				
January 2022	W	-	940.5	6,715.6
December 2021	W	-	1,049.4	6,093.6
January 2021	W	-	958.6	6,118.8
Colorado				
January 2022	-	-	208.8	1,859.8
December 2021	-	-	235.6	1,908.9
January 2021	-	-	187.7	1,967.2
Idaho				
January 2022	NA	-	11.1	1,072.8
December 2021	W	-	W	937.7
January 2021	W	-	54.9	918.4
Montana				
January 2022	-	-	W	869.9
December 2021	-	-	244.1	890.5
January 2021	-	-	210.9	943.2
Utah				
January 2022	W	-	W	2,008.5
December 2021	-	-	W	1,456.7
January 2021	-	-	279.8	1,601.6
Wyoming				
January 2022	-	-	W	904.5
December 2021	-	-	245.6	899.8
January 2021	-	-	225.4	688.5
PAD District 5				
January 2022	W	W	1,764.3	16,195.6
December 2021	W	W	1,678.4	17,914.1
January 2021	W	W	2,134.5	17,621.6
Alaska				
January 2022	W	W	W	W
December 2021	W	W	W	W
January 2021	W	W	W	W
Arizona				
January 2022	-	-	W	1,154.8
December 2021	-	-	335.1	1,172.6
January 2021	-	-	369.5	1,139.9
California				
January 2022	-	-	858.0	9,211.4
December 2021	-	-	746.7	10,141.2
January 2021	-	-	964.7	10,272.9
Hawaii				
January 2022	-	-	W	W
December 2021	-	-	W	W
January 2021	-	-	W	W
Nevada				
January 2022	W	-	W	373.1
December 2021	W	-	W	432.6
January 2021	W	-	W	464.7
Oregon				
January 2022	-	-	20.2	1,868.9
December 2021	-	-	W	1,819.3
January 2021	-	-	17.1	2,090.9
Washington				
January 2022	NA	-	150.9	3,173.8
December 2021	W	-	158.2	4,026.1
January 2021	W	-	249.1	3,380.9

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2021 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

	Residual fuel oil						No. 4 fuel[a]	
	Sulfur less than or equal to 1%		Sulfur greater than 1%		Total			
Geographic area month	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States								
January 2022	1,592.9	3,265.8	997.0	3,431.0	2,589.9	6,696.8	-	W
December 2021	1,251.8	3,949.7	663.7	3,230.0	1,915.5	7,179.7	-	W
January 2021	W	2,831.4	W	2,099.3	2,098.7	4,930.7	-	W
PAD District 1								
January 2022	W	W	W	W	W	3,394.0	-	-
December 2021	W	W	W	W	W	3,450.6	-	-
January 2021	W	W	-	W	W	W	-	-
Subdistrict 1A								
January 2022	-	-	-	-	-	-	-	-
December 2021	-	-	-	-	-	-	-	-
January 2021	-	-	-	-	-	-	-	-
Subdistrict 1B								
January 2022	W	W	W	W	W	W	-	-
December 2021	W	2,679.1	W	W	W	W	-	-
January 2021	W	W	-	W	W	W	-	-
Subdistrict 1C								
January 2022	-	-	-	W	-	W	-	-
December 2021	-	W	-	-	-	W	-	-
January 2021	-	-	-	-	-	-	-	-
PAD District 2								
January 2022	-	-	W	-	W	-	-	-
December 2021	-	-	W	-	W	-	-	-
January 2021	-	W	W	-	W	W	-	-
PAD District 3								
January 2022	W	732.2	W	1,549.7	472.8	2,281.9	-	W
December 2021	W	923.5	W	1,298.7	W	2,222.3	-	W
January 2021	W	1,049.8	W	826.2	W	1,876.0	-	W
PAD District 4								
January 2022	-	W	-	-	-	W	-	-
December 2021	-	W	-	-	-	W	-	-
January 2021	-	W	-	-	-	W	-	-
PAD District 5								
January 2022	W	W	W	W	W	W	-	-
December 2021	W	W	W	W	1,571.5	W	-	-
January 2021	W	W	W	W	1,910.2	1,141.6	-	-

- = 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 may be revised. Data through 2021 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

	Regular			Midgrade		
Geographic area month	Conventional	Reformulated	Total	Conventional	Reformulated	Total
United States						
January 2022	189,512.2	86,360.3	275,872.5	2,348.3	1,165.5	3,513.8
December 2021	205,935.3	92,458.1	298,393.4	2,563.3	1,217.6	3,780.9
January 2021	183,886.6	81,057.9	264,944.5	2,866.7	1,505.8	4,372.5
PAD District 1						
January 2022	58,210.2	33,711.7	91,921.9	846.5	365.2	1,211.7
December 2021	63,749.5	36,082.5	99,832.1	925.8	409.0	1,334.8
January 2021	57,367.0	31,748.4	89,115.3	1,126.1	494.0	1,620.1
Subdistrict 1A						
January 2022	1,839.1	10,795.5	12,634.6	21.9	114.2	136.1
December 2021	1,470.4	11,331.5	12,801.8	15.0	127.4	142.4
January 2021	1,321.5	9,991.7	11,313.2	18.3	150.9	169.2
Connecticut						
January 2022	-	3,047.5	3,047.5	-	26.9	26.9
December 2021	-	3,047.2	3,047.2	-	29.9	29.9
January 2021	-	2,843.4	2,843.4	-	25.5	25.5
Maine						
January 2022	907.7	578.9	1,486.6	16.5	9.5	25.9
December 2021	621.0	959.2	1,580.2	W	W	20.2
January 2021	509.4	851.0	1,360.4	11.3	9.5	20.8
Massachusetts						
January 2022	-	4,878.4	4,878.4	-	58.3	58.3
December 2021	-	4,971.5	4,971.5	-	65.8	65.8
January 2021	-	4,230.0	4,230.0	-	88.5	88.5
New Hampshire						
January 2022	295.2	908.4	1,203.6	1.0	7.4	8.4
December 2021	265.5	1,014.7	1,280.2	W	W	8.6
January 2021	270.2	859.5	1,129.6	2.1	9.8	11.9
Rhode Island						
January 2022	-	1,382.4	1,382.4	-	12.2	12.2
December 2021	-	1,338.9	1,338.9	-	13.9	13.9
January 2021	-	1,207.8	1,207.8	-	17.6	17.6
Vermont						
January 2022	636.2	-	636.2	4.4	-	4.4
December 2021	583.8	-	583.8	4.0	-	4.0
January 2021	542.0	-	542.0	4.9	-	4.9
Subdistrict 1B						
January 2022	10,651.6	19,709.6	30,361.3	64.5	219.1	283.7
December 2021	11,625.9	21,192.9	32,818.8	73.1	246.2	319.3
January 2021	10,508.7	18,619.5	29,128.2	123.5	303.2	426.6
Delaware						
January 2022	-	1,051.4	1,051.4	-	5.5	5.5
December 2021	-	1,236.4	1,236.4	-	7.1	7.1
January 2021	-	988.8	988.8	-	8.5	8.5
District of Columbia						
January 2022	-	126.8	126.8	-	2.0	2.0
December 2021	-	142.3	142.3	-	1.6	1.6
January 2021	-	130.8	130.8	-	1.8	1.8
Maryland						
January 2022	450.4	3,283.6	3,734.0	2.6	18.0	20.6
December 2021	536.7	3,554.8	4,091.5	3.8	24.4	28.2
January 2021	504.1	3,151.4	3,655.5	3.3	21.9	25.2
New Jersey						
January 2022	-	7,056.4	7,056.4	-	71.8	71.8
December 2021	-	7,789.2	7,789.2	-	80.9	80.9
January 2021	-	6,726.3	6,726.3	-	86.8	86.8
New York						
January 2022	4,910.7	6,147.0	11,057.6	37.2	115.5	152.7
December 2021	5,204.5	6,318.5	11,522.9	39.4	123.9	163.4
January 2021	4,541.7	5,554.0	10,095.6	76.6	164.8	241.5
Pennsylvania						
January 2022	5,290.6	2,044.5	7,335.1	24.7	6.4	31.2
December 2021	5,884.6	2,151.8	8,036.4	29.9	8.3	38.2
January 2021	5,462.9	2,068.1	7,531.0	43.5	19.3	62.8

See footnotes at end of table.

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

thousand gallons per day

	Premium			All grades		
Geographic area month	Conventional	Reformulated	Total	Conventional	Reformulated	Total
United States						
January 2022	21,482.4	17,180.3	38,662.6	213,342.9	104,706.1	318,049.0
December 2021	23,371.9	18,631.3	42,003.1	231,870.5	112,307.0	344,177.5
January 2021	22,381.5	17,152.5	39,534.0	209,134.8	99,716.2	308,851.0
PAD District 1						
January 2022	6,958.9	6,032.2	12,991.1	66,015.6	40,109.1	106,124.8
December 2021	7,673.1	6,577.5	14,250.5	72,348.4	43,069.0	115,417.4
January 2021	7,465.7	6,005.7	13,471.4	65,958.7	38,248.1	104,206.8
Subdistrict 1A						
January 2022	124.4	1,659.3	1,783.7	1,985.4	12,569.0	14,554.4
December 2021	92.8	1,732.2	1,825.0	1,578.1	13,191.1	14,769.2
January 2021	100.7	1,598.5	1,699.3	1,440.5	11,741.1	13,181.6
Connecticut						
January 2022	-	550.0	550.0	-	3,624.5	3,624.5
December 2021	-	556.4	556.4	-	3,633.5	3,633.5
January 2021	-	542.9	542.9	-	3,411.7	3,411.7
Maine						
January 2022	44.4	57.3	101.7	968.6	645.7	1,614.3
December 2021	W	W	99.0	654.4	1,045.1	1,699.5
January 2021	26.6	71.3	98.0	547.3	931.9	1,479.2
Massachusetts						
January 2022	-	752.9	752.9	-	5,689.6	5,689.6
December 2021	-	790.9	790.9	-	5,828.2	5,828.2
January 2021	-	684.2	684.2	-	5,002.6	5,002.6
New Hampshire						
January 2022	20.7	100.9	121.6	316.9	1,016.6	1,333.5
December 2021	W	W	125.5	286.5	1,127.8	1,414.3
January 2021	17.3	106.5	123.9	289.5	975.9	1,265.4
Rhode Island						
January 2022	-	198.2	198.2	-	1,592.7	1,592.7
December 2021	-	203.7	203.7	-	1,556.5	1,556.5
January 2021	-	193.6	193.6	-	1,419.0	1,419.0
Vermont						
January 2022	59.3	-	59.3	699.9	-	699.9
December 2021	49.5	-	49.5	637.2	-	637.2
January 2021	56.7	-	56.7	603.6	-	603.6
Subdistrict 1B						
January 2022	898.8	3,800.0	4,698.8	11,615.0	23,728.8	35,343.7
December 2021	1,011.8	4,187.6	5,199.4	12,710.8	25,626.7	38,337.5
January 2021	994.9	3,813.0	4,807.9	11,627.0	22,735.7	34,362.7
Delaware						
January 2022	-	117.6	117.6	-	1,174.4	1,174.4
December 2021	-	151.0	151.0	-	1,394.5	1,394.5
January 2021	-	124.5	124.5	-	1,121.9	1,121.9
District of Columbia						
January 2022	-	27.4	27.4	-	156.2	156.2
December 2021	-	32.8	32.8	-	176.7	176.7
January 2021	-	28.7	28.7	-	161.3	161.3
Maryland						
January 2022	37.0	545.1	582.1	490.0	3,846.7	4,336.7
December 2021	50.7	628.0	678.7	591.3	4,207.2	4,798.5
January 2021	48.0	562.7	610.7	555.5	3,736.0	4,291.5
New Jersey						
January 2022	-	1,150.3	1,150.3	-	8,278.5	8,278.5
December 2021	-	1,331.1	1,331.1	-	9,201.2	9,201.2
January 2021	-	1,182.5	1,182.5	-	7,995.6	7,995.6
New York						
January 2022	399.1	1,617.3	2,016.4	5,347.0	7,879.8	13,226.8
December 2021	428.5	1,673.3	2,101.8	5,672.5	8,115.6	13,788.1
January 2021	417.6	1,572.8	1,990.5	5,036.0	7,291.6	12,327.6
Pennsylvania						
January 2022	462.7	342.3	805.0	5,778.0	2,393.2	8,171.2
December 2021	532.5	371.4	903.9	6,447.0	2,531.5	8,978.5
January 2021	529.2	341.9	871.1	6,035.6	2,429.3	8,464.9

See footnotes at end of table.

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

thousand gallons per day

	Regular			Midgrade		
Geographic area month	Conventional	Reformulated	Total	Conventional	Reformulated	Total
Subdistrict 1C						
January 2022	45,719.5	3,206.6	48,926.1	760.1	31.8	791.9
December 2021	50,653.3	3,558.2	54,211.5	837.7	35.4	873.1
January 2021	45,536.8	3,137.1	48,673.9	984.4	40.0	1,024.3
Florida						
January 2022	16,519.7	-	16,519.7	197.5	-	197.5
December 2021	17,493.2	-	17,493.2	213.4	-	213.4
January 2021	15,970.9	-	15,970.9	270.9	-	270.9
Georgia						
January 2022	10,517.0	-	10,517.0	271.8	-	271.8
December 2021	11,612.5	-	11,612.5	290.6	-	290.6
January 2021	10,295.4	-	10,295.4	289.8	-	289.8
North Carolina						
January 2022	9,281.6	-	9,281.6	131.9	-	131.9
December 2021	10,622.6	-	10,622.6	148.7	-	148.7
January 2021	9,228.1	-	9,228.1	223.9	-	223.9
South Carolina						
January 2022	4,975.6	-	4,975.6	121.5	-	121.5
December 2021	5,756.0	-	5,756.0	139.8	-	139.8
January 2021	5,313.5	-	5,313.5	143.6	-	143.6
Virginia						
January 2022	2,980.5	3,206.6	6,187.1	31.7	31.8	63.6
December 2021	3,492.9	3,558.2	7,051.1	38.9	35.4	74.4
January 2021	3,228.8	3,137.1	6,366.0	44.2	40.0	84.1
West Virginia						
January 2022	1,445.0	-	1,445.0	5.7	-	5.7
December 2021	1,676.0	-	1,676.0	6.2	-	6.2
January 2021	1,500.1	-	1,500.1	12.0	-	12.0
PAD District 2						
January 2022	68,309.2	11,340.8	79,650.0	700.3	126.0	826.3
December 2021	75,064.5	11,717.9	86,782.5	769.6	96.8	866.4
January 2021	66,534.0	10,700.4	77,234.4	829.8	145.4	975.2
Illinois						
January 2022	3,252.5	5,955.9	9,208.4	35.6	63.9	99.5
December 2021	3,512.2	5,992.8	9,505.0	34.9	35.7	70.6
January 2021	3,264.9	5,609.3	8,874.2	39.3	66.5	105.9
Indiana						
January 2022	5,761.3	1,052.7	6,814.0	35.8	8.6	44.4
December 2021	6,316.9	1,143.8	7,460.7	36.6	10.4	47.0
January 2021	5,863.4	903.6	6,767.0	66.0	17.8	83.8
Iowa						
January 2022	2,941.9	-	2,941.9	64.3	-	64.3
December 2021	3,192.1	-	3,192.1	73.1	-	73.1
January 2021	2,650.6	-	2,650.6	65.2	-	65.2
Kansas						
January 2022	3,535.3	-	3,535.3	39.5	-	39.5
December 2021	3,958.1	-	3,958.1	46.4	-	46.4
January 2021	3,430.9	-	3,430.9	42.5	-	42.5
Kentucky						
January 2022	3,716.7	771.8	4,488.5	31.5	12.8	44.4
December 2021	4,305.3	709.1	5,014.4	36.5	6.0	42.5
January 2021	3,764.0	666.9	4,430.9	46.4	12.9	59.4
Michigan						
January 2022	10,071.3	-	10,071.3	17.3	-	17.3
December 2021	10,872.0	-	10,872.0	21.4	-	21.4
January 2021	9,708.5	-	9,708.5	62.4	-	62.4
Minnesota						
January 2022	4,885.6	-	4,885.6	122.3	-	122.3
December 2021	5,286.9	-	5,286.9	134.4	-	134.4
January 2021	4,487.5	-	4,487.5	72.7	-	72.7
Missouri						
January 2022	4,447.8	1,833.5	6,281.3	W	W	107.2
December 2021	5,054.9	2,015.3	7,070.2	W	W	120.2
January 2021	4,294.9	1,928.1	6,223.0	68.5	34.3	102.9

See footnotes at end of table.

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

thousand gallons per day

	Premium			All grades		
Geographic area month	Conventional	Reformulated	Total	Conventional	Reformulated	Total
Subdistrict 1C						
January 2022	5,935.7	572.9	6,508.6	52,415.3	3,811.3	56,226.6
December 2021	6,568.5	657.6	7,226.1	58,059.5	4,251.3	62,310.7
January 2021	6,370.1	594.1	6,964.2	52,891.2	3,771.2	56,662.4
Florida						
January 2022	2,552.7	-	2,552.7	19,269.9	-	19,269.9
December 2021	2,645.6	-	2,645.6	20,352.2	-	20,352.2
January 2021	2,607.5	-	2,607.5	18,849.3	-	18,849.3
Georgia						
January 2022	1,491.5	-	1,491.5	12,280.3	-	12,280.3
December 2021	1,669.1	-	1,669.1	13,572.2	-	13,572.2
January 2021	1,537.1	-	1,537.1	12,122.2	-	12,122.2
North Carolina						
January 2022	1,024.3	-	1,024.3	10,437.8	-	10,437.8
December 2021	1,207.7	-	1,207.7	11,979.1	-	11,979.1
January 2021	1,205.9	-	1,205.9	10,657.8	-	10,657.8
South Carolina						
January 2022	554.8	-	554.8	5,651.8	-	5,651.8
December 2021	631.5	-	631.5	6,527.3	-	6,527.3
January 2021	633.6	-	633.6	6,090.7	-	6,090.7
Virginia						
January 2022	235.3	572.9	808.2	3,247.5	3,811.3	7,058.9
December 2021	292.3	657.6	950.0	3,824.2	4,251.3	8,075.5
January 2021	289.9	594.1	884.0	3,562.9	3,771.2	7,334.1
West Virginia						
January 2022	77.2	-	77.2	1,527.9	-	1,527.9
December 2021	122.4	-	122.4	1,804.6	-	1,804.6
January 2021	96.1	-	96.1	1,608.2	-	1,608.2
PAD District 2						
January 2022	5,604.0	1,389.6	6,993.5	74,613.5	12,856.4	87,469.9
December 2021	6,198.5	1,498.9	7,697.5	82,032.7	13,313.7	95,346.4
January 2021	5,748.3	1,300.3	7,048.6	73,112.1	12,146.1	85,258.2
Illinois						
January 2022	196.6	846.4	1,043.0	3,484.7	6,866.2	10,350.9
December 2021	190.1	896.5	1,086.6	3,737.2	6,925.0	10,662.2
January 2021	218.7	767.9	986.7	3,522.9	6,443.8	9,966.7
Indiana						
January 2022	400.0	110.2	510.2	6,197.1	1,171.5	7,368.5
December 2021	447.1	124.8	571.9	6,800.7	1,279.0	8,079.7
January 2021	414.2	97.5	511.7	6,343.5	1,019.0	7,362.5
Iowa						
January 2022	245.4	-	245.4	3,251.6	-	3,251.6
December 2021	274.1	-	274.1	3,539.2	-	3,539.2
January 2021	242.0	-	242.0	2,957.7	-	2,957.7
Kansas						
January 2022	295.2	-	295.2	3,870.0	-	3,870.0
December 2021	345.5	-	345.5	4,350.0	-	4,350.0
January 2021	326.6	-	326.6	3,800.0	-	3,800.0
Kentucky						
January 2022	210.2	78.9	289.0	3,958.4	863.5	4,821.9
December 2021	266.4	78.4	344.8	4,608.2	793.5	5,401.7
January 2021	242.7	58.2	300.9	4,053.1	738.1	4,791.2
Michigan						
January 2022	645.0	-	645.0	10,733.6	-	10,733.6
December 2021	698.0	-	698.0	11,591.4	-	11,591.4
January 2021	644.6	-	644.6	10,415.5	-	10,415.5
Minnesota						
January 2022	546.8	-	546.8	5,554.8	-	5,554.8
December 2021	562.9	-	562.9	5,984.2	-	5,984.2
January 2021	496.6	-	496.6	5,056.7	-	5,056.7
Missouri						
January 2022	W	W	516.2	4,839.6	2,065.2	6,904.7
December 2021	W	W	617.5	5,530.2	2,277.7	7,807.9
January 2021	353.8	207.9	561.7	4,717.3	2,170.3	6,887.6

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 2 (cont.)						
Nebraska						
January 2022	1,772.0	-	1,772.0	20.0	-	20.0
December 2021	2,050.6	-	2,050.6	25.1	-	25.1
January 2021	1,684.4	-	1,684.4	23.9	-	23.9
North Dakota						
January 2022	737.7	-	737.7	15.6	-	15.6
December 2021	809.8	-	809.8	18.5	-	18.5
January 2021	701.1	-	701.1	16.3	-	16.3
Ohio						
January 2022	10,802.9	-	10,802.9	44.2	-	44.2
December 2021	11,834.9	-	11,834.9	46.2	-	46.2
January 2021	10,601.7	-	10,601.7	107.6	-	107.6
Oklahoma						
January 2022	4,412.9	-	4,412.9	57.3	-	57.3
December 2021	4,808.2	-	4,808.2	63.5	-	63.5
January 2021	4,422.3	-	4,422.3	59.5	-	59.5
South Dakota						
January 2022	956.7	-	956.7	16.1	-	16.1
December 2021	1,064.9	-	1,064.9	17.4	-	17.4
January 2021	868.0	-	868.0	15.0	-	15.0
Tennessee						
January 2022	7,307.8	-	7,307.8	98.3	-	98.3
December 2021	8,177.2	-	8,177.2	106.1	-	106.1
January 2021	7,449.0	-	7,449.0	118.5	-	118.5
Wisconsin						
January 2022	3,706.8	1,726.8	5,433.6	W	W	36.0
December 2021	3,820.6	1,856.9	5,677.5	W	W	34.0
January 2021	3,343.0	1,592.5	4,935.5	26.0	13.8	39.8
PAD District 3						
January 2022	36,868.6	14,995.7	51,864.4	392.3	228.7	621.0
December 2021	40,056.2	15,976.2	56,032.4	445.1	243.5	688.6
January 2021	35,907.6	13,805.2	49,712.8	466.5	229.8	696.3
Alabama						
January 2022	5,680.6	-	5,680.6	56.5	-	56.5
December 2021	6,075.8	-	6,075.8	64.5	-	64.5
January 2021	5,465.2	-	5,465.2	66.0	-	66.0
Arkansas						
January 2022	3,184.1	-	3,184.1	32.0	-	32.0
December 2021	3,445.9	-	3,445.9	37.5	-	37.5
January 2021	3,264.7	-	3,264.7	35.5	-	35.5
Louisiana						
January 2022	5,865.9	-	5,865.9	39.6	-	39.6
December 2021	6,569.9	-	6,569.9	44.9	-	44.9
January 2021	5,641.2	-	5,641.2	43.3	-	43.3
Mississippi						
January 2022	3,259.0	-	3,259.0	39.9	-	39.9
December 2021	3,534.5	-	3,534.5	43.5	-	43.5
January 2021	3,476.3	-	3,476.3	42.6	-	42.6
New Mexico						
January 2022	1,969.7	-	1,969.7	28.9	-	28.9
December 2021	2,215.7	-	2,215.7	33.5	-	33.5
January 2021	1,825.3	-	1,825.3	70.2	-	70.2
Texas						
January 2022	16,909.3	14,995.7	31,905.1	195.4	228.7	424.1
December 2021	18,214.3	15,976.2	34,190.5	221.2	243.5	464.7
January 2021	16,234.9	13,805.2	30,040.1	208.9	229.8	438.7

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 2 (cont.)						
Nebraska						
January 2022	183.1	-	183.1	1,975.1	-	1,975.1
December 2021	214.8	-	214.8	2,290.5	-	2,290.5
January 2021	200.1	-	200.1	1,908.4	-	1,908.4
North Dakota						
January 2022	100.7	-	100.7	854.1	-	854.1
December 2021	95.7	-	95.7	924.0	-	924.0
January 2021	91.4	-	91.4	808.7	-	808.7
Ohio						
January 2022	775.9	-	775.9	11,622.9	-	11,622.9
December 2021	873.6	-	873.6	12,754.6	-	12,754.6
January 2021	736.4	-	736.4	11,445.7	-	11,445.7
Oklahoma						
January 2022	472.6	-	472.6	4,942.7	-	4,942.7
December 2021	526.1	-	526.1	5,397.9	-	5,397.9
January 2021	524.7	-	524.7	5,006.5	-	5,006.5
South Dakota						
January 2022	86.0	-	86.0	1,058.7	-	1,058.7
December 2021	104.8	-	104.8	1,187.0	-	1,187.0
January 2021	105.5	-	105.5	988.5	-	988.5
Tennessee						
January 2022	773.6	-	773.6	8,179.6	-	8,179.6
December 2021	881.2	-	881.2	9,164.5	-	9,164.5
January 2021	830.8	-	830.8	8,398.4	-	8,398.4
Wisconsin						
January 2022	W	W	510.9	4,090.5	1,890.0	5,980.5
December 2021	W	W	500.0	4,173.1	2,038.5	6,211.5
January 2021	320.1	168.7	488.8	3,689.0	1,775.0	5,464.1
PAD District 3						
January 2022	3,588.7	2,340.4	5,929.1	40,849.5	17,564.8	58,414.4
December 2021	3,988.2	2,540.6	6,528.8	44,489.5	18,760.3	63,249.8
January 2021	3,677.7	2,306.5	5,984.2	40,051.8	16,341.5	56,393.3
Alabama						
January 2022	532.4	-	532.4	6,269.5	-	6,269.5
December 2021	592.7	-	592.7	6,732.9	-	6,732.9
January 2021	545.4	-	545.4	6,076.6	-	6,076.6
Arkansas						
January 2022	280.3	-	280.3	3,496.4	-	3,496.4
December 2021	322.5	-	322.5	3,806.0	-	3,806.0
January 2021	312.1	-	312.1	3,612.3	-	3,612.3
Louisiana						
January 2022	541.9	-	541.9	6,447.4	-	6,447.4
December 2021	587.7	-	587.7	7,202.5	-	7,202.5
January 2021	567.0	-	567.0	6,251.5	-	6,251.5
Mississippi						
January 2022	286.8	-	286.8	3,585.7	-	3,585.7
December 2021	321.8	-	321.8	3,899.9	-	3,899.9
January 2021	308.4	-	308.4	3,827.3	-	3,827.3
New Mexico						
January 2022	288.6	-	288.6	2,287.2	-	2,287.2
December 2021	334.2	-	334.2	2,583.4	-	2,583.4
January 2021	280.1	-	280.1	2,175.6	-	2,175.6
Texas						
January 2022	1,658.6	2,340.4	3,999.0	18,763.4	17,564.8	36,328.2
December 2021	1,829.3	2,540.6	4,369.9	20,264.9	18,760.3	39,025.2
January 2021	1,664.7	2,306.5	3,971.2	18,108.5	16,341.5	34,450.0

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 4						
January 2022	11,156.8	-	11,156.8	211.3	-	211.3
December 2021	11,539.7	-	11,539.7	212.6	-	212.6
January 2021	10,301.3	-	10,301.3	213.4	-	213.4
Colorado						
January 2022	4,531.3	-	4,531.3	97.3	-	97.3
December 2021	4,912.7	-	4,912.7	100.6	-	100.6
January 2021	4,323.8	-	4,323.8	92.5	-	92.5
Idaho						
January 2022	1,717.4	-	1,717.4	7.9	-	7.9
December 2021	1,678.9	-	1,678.9	6.5	-	6.5
January 2021	1,548.1	-	1,548.1	9.4	-	9.4
Montana						
January 2022	1,376.6	-	1,376.6	51.1	-	51.1
December 2021	1,485.8	-	1,485.8	57.3	-	57.3
January 2021	1,312.5	-	1,312.5	54.1	-	54.1
Utah						
January 2022	2,797.8	-	2,797.8	40.0	-	40.0
December 2021	2,776.2	-	2,776.2	31.2	-	31.2
January 2021	2,479.9	-	2,479.9	44.1	-	44.1
Wyoming						
January 2022	733.7	-	733.7	14.9	-	14.9
December 2021	686.2	-	686.2	17.1	-	17.1
January 2021	637.0	-	637.0	13.4	-	13.4
PAD District 5						
January 2022	14,967.4	26,312.0	41,279.5	198.0	445.6	643.6
December 2021	15,525.4	28,681.4	44,206.7	210.2	468.3	678.5
January 2021	13,776.8	24,803.9	38,580.7	230.9	636.6	867.5
Alaska						
January 2022	531.2	-	531.2	W	-	W
December 2021	573.4	-	573.4	W	-	W
January 2021	477.3	-	477.3	20.6	-	20.6
Arizona						
January 2022	W	W	6,502.7	W	W	104.0
December 2021	2,871.7	4,021.8	6,893.5	W	W	111.5
January 2021	2,609.7	3,602.4	6,212.1	W	W	112.1
California						
January 2022	-	22,561.7	22,561.7	-	W	376.5
December 2021	-	24,659.6	24,659.6	-	W	396.8
January 2021	-	21,201.5	21,201.5	-	W	569.2
Hawaii						
January 2022	873.7	-	873.7	W	-	W
December 2021	931.2	-	931.2	W	-	W
January 2021	772.3	-	772.3	54.8	-	54.8
Nevada						
January 2022	W	W	2,287.2	30.6	-	30.6
December 2021	2,336.4	-	2,336.4	31.0	-	31.0
January 2021	2,009.2	-	2,009.2	35.1	-	35.1
Oregon						
January 2022	3,078.0	-	3,078.0	16.1	-	16.1
December 2021	3,257.5	-	3,257.5	18.7	-	18.7
January 2021	2,996.6	-	2,996.6	19.2	-	19.2
Washington						
January 2022	5,444.9	-	5,444.9	48.9	-	48.9
December 2021	5,555.2	-	5,555.2	50.5	-	50.5
January 2021	4,911.6	-	4,911.6	W	-	56.5

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						
January 2022	2,549.7	-	2,549.7	13,917.7	-	13,917.7
December 2021	2,594.2	-	2,594.2	14,346.5	-	14,346.5
January 2021	2,597.0	-	2,597.0	13,111.7	-	13,111.7
Colorado						
January 2022	998.3	-	998.3	5,626.9	-	5,626.9
December 2021	1,088.5	-	1,088.5	6,101.8	-	6,101.8
January 2021	1,038.7	-	1,038.7	5,455.0	-	5,455.0
Idaho						
January 2022	306.2	-	306.2	2,031.4	-	2,031.4
December 2021	289.5	-	289.5	1,974.8	-	1,974.8
January 2021	318.7	-	318.7	1,876.2	-	1,876.2
Montana						
January 2022	251.7	-	251.7	1,679.4	-	1,679.4
December 2021	250.6	-	250.6	1,793.6	-	1,793.6
January 2021	283.9	-	283.9	1,650.5	-	1,650.5
Utah						
January 2022	855.0	-	855.0	3,692.8	-	3,692.8
December 2021	843.2	-	843.2	3,650.5	-	3,650.5
January 2021	809.3	-	809.3	3,333.3	-	3,333.3
Wyoming						
January 2022	138.6	-	138.6	887.2	-	887.2
December 2021	122.5	-	122.5	825.8	-	825.8
January 2021	146.4	-	146.4	796.7	-	796.7
PAD District 5						
January 2022	2,781.1	7,418.1	10,199.2	17,946.5	34,175.7	52,122.2
December 2021	2,917.8	8,014.3	10,932.1	18,653.4	37,164.0	55,817.4
January 2021	2,892.9	7,540.0	10,432.8	16,900.5	32,980.5	49,881.0
Alaska						
January 2022	W	-	W	598.1	-	598.1
December 2021	W	-	W	645.0	-	645.0
January 2021	59.3	-	59.3	557.2	-	557.2
Arizona						
January 2022	W	W	950.4	W	W	7,557.1
December 2021	W	W	980.1	3,341.7	4,643.4	7,985.1
January 2021	W	W	977.4	3,071.5	4,230.0	7,301.5
California						
January 2022	-	W	6,870.6	-	29,808.9	29,808.9
December 2021	-	W	7,464.2	-	32,520.6	32,520.6
January 2021	-	W	6,979.7	-	28,750.5	28,750.5
Hawaii						
January 2022	W	-	W	1,140.2	-	1,140.2
December 2021	W	-	W	1,216.6	-	1,216.6
January 2021	229.1	-	229.1	1,056.2	-	1,056.2
Nevada						
January 2022	W	W	594.5	W	W	2,912.4
December 2021	631.4	-	631.4	2,998.7	-	2,998.7
January 2021	627.4	-	627.4	2,671.7	-	2,671.7
Oregon						
January 2022	429.5	-	429.5	3,523.6	-	3,523.6
December 2021	469.2	-	469.2	3,745.4	-	3,745.4
January 2021	461.1	-	461.1	3,476.9	-	3,476.9
Washington						
January 2022	1,088.0	-	1,088.0	6,581.9	-	6,581.9
December 2021	1,100.2	-	1,100.2	6,705.9	-	6,705.9
January 2021	W	-	1,098.8	6,066.9	-	6,066.9

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2021 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: Sulfur less than or equal to 1%	Residual fuel oil: Sulfur greater than 1%	Total residual fuel oil
United States							
January 2022	322.5	54,744.5	379.6	44,997.9	4,779.4	4,247.6	9,027.0
December 2021	370.8	58,914.1	W	33,970.0	4,589.8	3,889.8	8,479.6
January 2021	412.2	39,440.3	346.6	41,999.9	5,284.6	2,768.0	8,052.6
PAD District 1							
January 2022	104.3	12,038.0	379.6	11,348.5	1,749.5	1,506.2	3,255.8
December 2021	129.4	13,865.9	W	9,467.1	1,665.5	1,268.3	2,933.7
January 2021	107.7	7,112.4	346.6	11,946.4	1,808.6	585.1	2,393.7
Subdistrict 1A							
January 2022	8.0	1,126.9	W	2,785.4	119.6	-	119.6
December 2021	11.1	1,382.5	W	2,371.4	W	-	W
January 2021	9.7	644.8	W	2,469.9	W	W	59.1
Connecticut							
January 2022	0.9	140.8	W	263.3	-	-	-
December 2021	2.2	175.2	W	223.2	-	-	-
January 2021	1.8	82.7	-	223.2	-	-	-
Maine							
January 2022	1.0	58.1	-	766.1	W	-	W
December 2021	W	95.2	-	676.9	W	-	W
January 2021	1.8	72.7	W	595.4	W	W	16.8
Massachusetts							
January 2022	4.6	785.5	W	538.9	63.0	-	63.0
December 2021	5.1	935.6	W	470.6	W	-	W
January 2021	4.2	406.9	W	468.5	W	-	W
New Hampshire							
January 2022	W	61.3	W	728.9	W	-	W
December 2021	1.2	84.8	W	596.4	W	-	W
January 2021	1.3	47.5	W	714.0	W	-	W
Rhode Island							
January 2022	W	51.2	W	71.7	W	-	W
December 2021	W	52.5	W	62.2	W	-	W
January 2021	W	15.9	W	57.9	W	-	W
Vermont							
January 2022	W	30.2	W	416.5	W	-	W
December 2021	W	39.2	W	342.0	W	-	W
January 2021	W	19.0	W	411.0	W	-	W
Subdistrict 1B							
January 2022	13.0	5,714.9	W	4,210.1	W	W	2,204.3
December 2021	23.3	6,907.4	W	3,522.4	1,497.8	585.9	2,083.7
January 2021	17.3	2,843.3	W	4,709.5	1,755.4	449.4	2,204.8
Delaware							
January 2022	W	8.9	-	W	W	-	W
December 2021	W	13.8	-	194.9	W	-	W
January 2021	0.5	10.1	-	268.2	W	-	W
District of Columbia							
January 2022	-	-	-	W	-	-	-
December 2021	-	-	-	-	-	-	-
January 2021	-	-	-	-	-	-	-
Maryland							
January 2022	2.9	149.3	-	410.6	W	-	W
December 2021	W	193.8	-	317.4	-	-	-
January 2021	3.1	129.3	-	444.5	W	-	W
New Jersey							
January 2022	W	1,385.9	W	279.6	W	W	1,660.0
December 2021	4.7	2,026.9	W	260.0	W	W	W
January 2021	4.4	721.2	W	282.8	W	W	1,661.9
New York							
January 2022	3.5	2,524.1	W	1,659.1	W	W	532.9
December 2021	6.7	2,905.1	W	1,357.2	W	W	440.7
January 2021	4.4	1,578.2	250.3	1,772.9	W	W	528.6
Pennsylvania							
January 2022	3.4	1,646.7	-	1,627.3	W	-	W
December 2021	7.7	1,767.8	-	1,393.0	W	-	W
January 2021	5.0	404.5	-	1,941.0	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: Sulfur less than or equal to 1%	Residual fuel oil: Sulfur greater than 1%	Total residual fuel oil
Subdistrict 1C							
January 2022	83.3	5,196.2	-	4,353.0	W	W	931.8
December 2021	95.0	5,576.0	-	3,573.3	W	682.4	W
January 2021	80.8	3,624.4	-	4,767.1	W	W	129.7
Florida							
January 2022	48.3	3,643.1	-	599.7	W	W	825.1
December 2021	53.6	3,785.0	-	617.8	W	W	728.8
January 2021	48.2	2,438.2	-	677.9	-	W	W
Georgia							
January 2022	11.0	417.2	-	802.6	-	W	W
December 2021	15.5	501.1	-	643.7	W	W	28.6
January 2021	11.9	207.3	-	766.3	-	W	W
North Carolina							
January 2022	10.3	289.6	-	1,531.3	-	W	W
December 2021	10.7	329.0	-	1,240.8	-	W	W
January 2021	9.8	210.6	-	1,581.8	-	W	W
South Carolina							
January 2022	5.3	189.0	-	575.3	W	W	W
December 2021	7.0	267.6	-	434.7	W	W	W
January 2021	4.9	317.1	-	589.9	W	W	W
Virginia							
January 2022	7.6	643.1	-	713.9	-	-	-
December 2021	6.2	673.3	-	548.4	W	-	W
January 2021	4.9	436.1	-	944.6	-	-	-
West Virginia							
January 2022	0.9	14.3	-	130.2	-	-	-
December 2021	1.9	20.1	-	87.9	-	-	-
January 2021	1.0	15.1	-	206.5	-	-	-
PAD District 2							
January 2022	64.1	9,953.4	-	17,122.4	-	43.0	43.0
December 2021	85.6	11,623.0	-	12,034.5	-	76.7	76.7
January 2021	64.0	7,784.9	-	15,448.3	-	36.4	36.4
Illinois							
January 2022	6.7	2,924.5	-	2,028.1	-	W	W
December 2021	6.7	3,087.5	-	1,619.1	-	-	-
January 2021	4.6	2,027.8	-	1,931.4	-	-	-
Indiana							
January 2022	2.8	866.5	-	1,104.7	-	W	W
December 2021	8.0	931.0	-	802.9	-	W	W
January 2021	5.1	650.2	-	1,003.0	-	W	W
Iowa							
January 2022	3.2	85.4	-	1,658.7	-	-	-
December 2021	2.8	104.4	-	1,134.7	-	-	-
January 2021	1.7	57.4	-	1,458.6	-	-	-
Kansas							
January 2022	5.7	130.3	-	1,487.5	-	-	-
December 2021	4.9	159.7	-	636.6	-	-	-
January 2021	4.4	102.5	-	1,344.8	-	-	-
Kentucky							
January 2022	3.4	1,634.5	-	492.2	-	-	-
December 2021	4.6	2,137.1	-	361.9	-	-	-
January 2021	3.3	1,399.8	-	582.2	-	-	-
Michigan							
January 2022	4.3	516.5	-	1,717.6	-	W	W
December 2021	6.3	564.4	-	1,348.6	-	W	W
January 2021	4.4	461.9	-	1,270.1	-	W	W
Minnesota							
January 2022	4.4	318.9	-	1,930.7	-	W	W
December 2021	6.7	338.6	-	1,324.0	-	W	W
January 2021	5.7	202.3	-	1,525.0	-	W	W
Missouri							
January 2022	5.0	374.2	-	1,429.9	-	-	-
December 2021	8.4	483.9	-	913.5	-	-	-
January 2021	5.3	229.9	-	1,460.9	-	-	-

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil: Sulfur less than or equal to 1%	Residual fuel oil: Sulfur greater than 1%	Total residual fuel oil
PAD District 2 (cont.)							
Nebraska							
January 2022	3.8	129.3	-	417.8	-	-	-
December 2021	2.8	151.2	-	282.0	-	W	W
January 2021	2.5	82.2	-	360.9	-	W	W
North Dakota							
January 2022	2.4	75.5	-	693.3	-	-	-
December 2021	3.4	108.6	-	495.3	-	-	-
January 2021	W	85.4	-	678.7	-	-	-
Ohio							
January 2022	4.0	790.5	-	1,299.1	-	-	-
December 2021	9.4	915.0	-	972.1	-	-	-
January 2021	5.8	610.4	-	1,268.9	-	-	-
Oklahoma							
January 2022	5.7	566.1	-	401.8	-	-	-
December 2021	7.8	771.3	-	265.2	-	-	-
January 2021	4.6	380.7	-	419.2	-	-	-
South Dakota							
January 2022	2.0	39.9	-	270.9	-	W	W
December 2021	1.5	56.0	-	207.5	-	W	W
January 2021	W	56.0	-	185.5	-	W	W
Tennessee							
January 2022	7.1	1,290.7	-	363.9	-	W	W
December 2021	9.3	1,630.9	-	302.9	-	W	W
January 2021	9.1	1,328.3	-	536.1	-	W	W
Wisconsin							
January 2022	3.7	210.7	-	1,826.0	-	W	W
December 2021	3.2	183.5	-	1,368.2	-	W	W
January 2021	2.8	110.0	-	1,423.0	-	W	W
PAD District 3							
January 2022	69.0	14,232.8	-	11,817.9	1,187.2	1,386.6	2,573.8
December 2021	69.2	13,708.0	-	8,207.6	910.3	1,278.5	2,188.8
January 2021	54.4	11,258.5	-	10,304.3	1,422.5	839.0	2,261.5
Alabama							
January 2022	6.2	176.0	-	401.0	W	-	W
December 2021	5.6	154.2	-	336.0	W	W	W
January 2021	6.2	108.2	-	439.4	W	-	W
Arkansas							
January 2022	3.4	107.8	-	301.7	-	-	-
December 2021	5.1	131.8	-	229.1	-	-	-
January 2021	4.2	87.1	-	357.5	-	-	-
Louisiana							
January 2022	5.2	2,676.4	-	957.2	359.7	106.5	466.2
December 2021	4.3	2,613.7	-	965.3	W	W	434.9
January 2021	3.5	1,235.5	-	996.1	519.8	115.8	635.5
Mississippi							
January 2022	4.4	862.2	-	362.4	W	-	W
December 2021	2.4	848.8	-	290.7	W	-	W
January 2021	2.4	624.6	-	537.1	W	-	W
New Mexico							
January 2022	2.7	105.4	-	265.9	-	-	-
December 2021	2.7	122.6	-	215.9	-	-	-
January 2021	3.2	84.1	-	273.6	-	-	-
Texas							
January 2022	46.9	10,305.1	-	9,529.7	769.0	1,280.2	2,049.2
December 2021	49.1	9,836.8	-	6,170.5	577.0	1,106.8	1,683.8
January 2021	35.0	9,119.0	-	7,700.6	857.0	723.3	1,580.3

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil: Sulfur less than or equal to 1%	Residual fuel oil: Sulfur greater than 1%	Total residual fuel oil
PAD District 4							
January 2022	20.6	2,240.8	-	1,436.1	-	-	-
December 2021	22.2	2,242.5	-	1,190.8	-	-	-
January 2021	20.3	1,574.6	-	1,437.1	-	-	-
Colorado							
January 2022	8.2	1,132.6	-	436.5	-	-	-
December 2021	7.8	1,190.4	-	384.3	-	-	-
January 2021	8.5	699.4	-	522.3	-	-	-
Idaho							
January 2022	3.0	103.4	-	150.4	-	-	-
December 2021	2.8	126.1	-	118.9	-	-	-
January 2021	W	81.4	-	140.4	-	-	-
Montana							
January 2022	W	133.0	-	425.6	-	-	-
December 2021	W	133.3	-	341.7	-	-	-
January 2021	3.4	124.4	-	349.5	-	-	-
Utah							
January 2022	5.7	806.8	-	162.8	-	-	-
December 2021	6.0	734.0	-	159.1	-	-	-
January 2021	4.4	593.9	-	132.7	-	-	-
Wyoming							
January 2022	W	65.0	-	260.9	-	-	-
December 2021	W	58.8	-	186.7	-	-	-
January 2021	W	75.7	-	292.3	-	-	-
PAD District 5							
January 2022	64.5	16,279.5	-	3,273.1	1,842.7	1,311.7	3,154.4
December 2021	64.5	17,474.7	-	3,070.0	2,014.1	1,266.3	3,280.4
January 2021	165.7	11,709.8	-	2,863.8	2,053.5	1,307.5	3,361.0
Alaska							
January 2022	-	1,863.9	-	W	-	-	-
December 2021	W	2,083.0	-	W	-	-	-
January 2021	W	1,943.3	-	W	-	-	-
Arizona							
January 2022	13.3	524.6	-	296.4	-	-	-
December 2021	18.8	622.1	-	302.9	-	-	-
January 2021	16.3	426.6	-	280.0	-	-	-
California							
January 2022	35.0	9,673.5	-	1,986.1	668.2	918.1	1,586.3
December 2021	31.8	10,396.1	-	1,833.0	910.1	946.1	1,856.2
January 2021	29.5	6,451.3	-	1,667.8	W	W	1,548.7
Hawaii							
January 2022	W	1,459.3	-	W	W	W	W
December 2021	W	1,834.8	-	W	W	W	W
January 2021	W	1,085.9	-	W	W	W	W
Nevada							
January 2022	W	546.1	-	105.3	-	-	-
December 2021	4.7	578.3	-	103.1	-	-	-
January 2021	3.1	383.5	-	114.2	-	-	-
Oregon							
January 2022	4.5	313.9	-	178.1	W	-	W
December 2021	4.1	452.8	-	166.8	W	-	W
January 2021	6.1	270.3	-	179.9	W	-	W
Washington							
January 2022	5.3	1,898.2	-	659.2	W	W	456.9
December 2021	4.1	1,507.6	-	605.5	W	W	549.5
January 2021	7.9	1,149.0	-	574.1	W	W	780.1

- = 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 2021 are final. Totals may not equal the sum of the components due to rounding.

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

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

thousand gallons per day

Geographic area month	Kerosene	No. 1 distillate	No. 2 distillate					Total distillate and kerosene
				No. 2 diesel fuel				
			No. 2 fuel oil	Ultra-low sulfur	Low-sulfur	High-sulfur	No. 2 distillate	
United States								
January 2022	1,524.5	3,491.6	17,695.2	150,542.9	W	W	169,930.6	175,326.4
December 2021	W	2,942.8	13,419.8	155,903.4	W	W	171,133.5	175,498.7
January 2021	1,264.2	2,279.0	15,548.1	148,053.5	W	W	164,352.0	168,241.8
PAD District 1								
January 2022	699.5	152.5	16,844.8	41,576.1	-	465.5	58,886.5	60,118.0
December 2021	444.6	W	12,571.1	41,983.3	-	440.5	54,994.9	55,764.4
January 2021	605.9	96.3	14,369.3	40,905.0	-	210.8	55,485.1	56,533.9
Subdistrict 1A								
January 2022	W	W	7,537.0	W	-	W	12,115.5	12,421.9
December 2021	W	W	5,796.1	W	-	W	9,906.2	10,126.9
January 2021	W	W	6,721.0	W	-	W	10,472.5	10,707.6
Connecticut								
January 2022	W	W	1,846.0	973.3	-	-	2,819.3	2,836.9
December 2021	W	W	1,409.1	1,001.7	-	-	2,410.8	2,421.0
January 2021	W	W	1,752.3	921.2	-	-	2,673.5	2,695.1
Maine								
January 2022	W	W	1,432.5	623.2	-	-	2,055.7	2,217.2
December 2021	W	W	1,166.7	629.9	-	-	1,796.6	1,915.5
January 2021	109.5	W	1,192.0	W	-	W	1,816.0	1,933.7
Massachusetts								
January 2022	W	12.5	2,195.4	W	-	W	3,984.1	4,029.9
December 2021	17.2	W	1,667.3	W	-	W	3,253.9	3,283.5
January 2021	14.6	W	1,815.5	W	-	W	3,118.9	3,148.7
New Hampshire								
January 2022	35.8	W	980.9	692.7	-	-	1,673.6	1,720.5
December 2021	26.9	W	747.3	385.3	-	-	1,132.6	1,168.1
January 2021	27.9	W	905.7	363.9	-	-	1,269.6	1,309.9
Rhode Island								
January 2022	W	W	568.5	303.5	-	-	872.0	874.0
December 2021	W	W	415.5	W	-	W	723.5	725.5
January 2021	1.5	W	645.4	W	-	W	1,020.1	1,022.8
Vermont								
January 2022	25.4	W	513.7	197.1	-	-	710.8	743.3
December 2021	18.6	W	390.2	198.6	-	-	588.8	613.3
January 2021	14.5	W	410.1	164.3	-	-	574.4	597.3
Subdistrict 1B								
January 2022	299.9	W	9,007.4	W	-	W	22,578.0	23,320.8
December 2021	185.2	W	6,615.4	W	-	W	20,095.6	20,548.8
January 2021	276.2	W	7,471.7	W	-	W	22,055.4	22,714.6
Delaware								
January 2022	W	W	W	W	-	W	655.4	662.4
December 2021	W	W	W	W	-	-	518.6	522.9
January 2021	W	W	W	386.1	-	W	436.7	442.7
District of Columbia								
January 2022	W	-	W	W	-	-	W	38.9
December 2021	-	-	W	W	-	-	34.4	34.4
January 2021	-	-	W	W	-	-	29.6	29.6
Maryland								
January 2022	W	W	533.2	W	-	W	2,196.7	2,218.8
December 2021	14.7	-	450.6	W	-	W	2,220.8	2,235.5
January 2021	W	W	557.1	W	-	W	2,284.4	2,309.9
New Jersey								
January 2022	4.2	W	1,291.2	W	-	W	4,566.3	4,596.8
December 2021	3.2	W	1,115.2	W	-	W	4,068.1	4,074.2
January 2021	W	W	977.6	W	-	W	4,792.5	4,920.2
New York								
January 2022	208.5	45.4	4,789.5	3,089.6	-	W	W	8,604.4
December 2021	W	23.0	3,319.1	W	-	W	6,651.7	7,044.1
January 2021	157.2	29.0	3,851.8	W	-	W	6,969.1	7,405.6
Pennsylvania								
January 2022	58.5	6.3	2,301.4	W	-	W	7,134.6	7,199.4
December 2021	32.8	2.7	1,675.4	W	-	W	6,602.1	6,637.6
January 2021	57.6	5.7	2,031.6	W	-	W	7,543.1	7,606.5

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Kerosene	No. 1 distillate	No. 2 distillate					Total distillate and kerosene
				No. 2 diesel fuel				
			No. 2 fuel oil	Ultra-low sulfur	Low-sulfur	High-sulfur	No. 2 distillate	
Subdistrict 1C								
January 2022	W	W	300.5	W	-	W	24,193.0	24,375.4
December 2021	W	W	159.6	24,579.7	-	253.7	24,993.0	25,088.6
January 2021	W	W	176.6	22,746.3	-	34.3	22,957.2	23,111.7
Florida								
January 2022	0.8	-	W	6,860.3	-	W	7,202.6	7,203.4
December 2021	W	-	W	W	-	244.8	W	7,371.2
January 2021	1.3	-	-	6,279.0	-	30.8	6,309.8	6,311.1
Georgia								
January 2022	W	W	W	5,076.1	-	W	5,086.0	5,092.6
December 2021	W	W	W	5,307.0	-	W	5,314.2	5,317.8
January 2021	W	W	-	W	-	W	4,946.6	4,955.5
North Carolina								
January 2022	75.0	-	71.1	3,823.4	-	-	3,894.5	3,969.5
December 2021	39.5	-	34.6	3,954.6	-	-	3,989.2	4,028.7
January 2021	78.6	-	W	3,762.3	-	W	3,791.8	3,870.4
South Carolina								
January 2022	15.0	-	W	W	-	-	2,897.1	2,912.1
December 2021	8.1	-	W	2,950.0	-	W	2,964.7	2,972.8
January 2021	14.6	-	W	W	-	W	2,791.8	2,806.5
Virginia								
January 2022	W	W	120.1	W	-	W	3,912.8	3,983.7
December 2021	W	W	59.8	W	-	W	4,087.0	4,123.0
January 2021	38.5	-	97.3	3,868.8	-	-	3,966.1	4,004.6
West Virginia								
January 2022	W	W	61.6	1,138.4	-	-	1,200.0	1,214.0
December 2021	W	W	34.1	W	-	-	W	1,275.0
January 2021	W	W	50.1	1,100.8	-	-	1,151.0	1,163.6
PAD District 2								
January 2022	176.1	2,397.5	51.2	W	W	-	44,109.1	46,682.7
December 2021	102.3	2,027.1	82.8	W	W	-	47,891.1	50,020.5
January 2021	137.4	1,520.8	24.9	W	W	-	44,667.3	46,325.5
Illinois								
January 2022	15.5	137.1	-	5,236.8	-	-	5,236.8	5,389.5
December 2021	8.1	83.4	-	5,487.0	-	-	5,487.0	5,578.5
January 2021	12.1	86.1	-	5,035.1	-	-	5,035.1	5,133.3
Indiana								
January 2022	23.8	26.0	W	W	-	-	3,920.4	3,970.2
December 2021	18.3	11.2	W	W	-	-	4,110.1	4,139.6
January 2021	22.2	18.7	-	3,864.8	-	-	3,864.8	3,905.7
Iowa								
January 2022	1.2	295.5	W	W	-	-	2,332.6	2,629.3
December 2021	1.2	273.5	W	W	-	-	2,826.0	3,100.7
January 2021	0.8	192.5	W	W	-	-	2,279.9	2,473.1
Kansas								
January 2022	9.0	164.7	-	2,471.4	-	-	2,471.4	2,645.1
December 2021	4.4	156.3	-	2,645.3	-	-	2,645.3	2,806.0
January 2021	W	W	-	2,516.0	-	-	2,516.0	2,631.4
Kentucky								
January 2022	W	W	W	2,448.8	W	-	2,473.9	2,506.5
December 2021	W	W	18.4	W	W	-	2,697.9	2,715.4
January 2021	24.4	3.0	-	W	W	-	2,679.0	2,706.4
Michigan								
January 2022	W	W	W	2,902.1	W	-	2,914.1	2,972.7
December 2021	W	W	W	3,253.0	W	-	3,255.4	3,292.7
January 2021	16.8	28.5	W	2,896.7	W	-	2,899.2	2,944.5
Minnesota								
January 2022	8.6	590.3	W	W	-	-	1,944.3	2,543.1
December 2021	7.8	496.4	W	W	-	-	2,337.7	2,841.9
January 2021	W	W	4.5	2,196.5	-	-	2,201.0	2,636.6
Missouri								
January 2022	1.4	29.9	W	W	-	-	3,920.5	3,951.7
December 2021	0.8	29.8	W	W	-	-	4,297.3	4,327.8
January 2021	0.8	22.2	W	W	-	-	3,886.1	3,909.1

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Kerosene	No. 1 distillate	No. 2 distillate					Total distillate and kerosene
				No. 2 diesel fuel				
			No. 2 fuel oil	Ultra-low sulfur	Low-sulfur	High-sulfur	No. 2 distillate	
PAD District 2 (cont.)								
Nebraska								
January 2022	-	170.7	-	1,724.3	-	-	1,724.3	1,895.0
December 2021	-	169.4	-	2,027.1	-	-	2,027.1	2,196.5
January 2021	-	126.8	-	1,814.5	-	-	1,814.5	1,941.3
North Dakota								
January 2022	W	W	-	1,017.5	-	-	1,017.5	1,485.9
December 2021	W	W	-	1,176.4	-	-	1,176.4	1,575.7
January 2021	W	W	-	1,322.7	-	-	1,322.7	1,516.0
Ohio								
January 2022	39.8	33.6	W	W	-	-	5,384.9	5,458.4
December 2021	W	W	W	5,298.9	W	-	5,315.1	5,350.5
January 2021	W	W	-	5,488.4	-	-	5,488.4	5,540.0
Oklahoma								
January 2022	W	W	W	W	-	-	3,883.4	3,954.7
December 2021	W	W	-	4,083.1	-	-	4,083.1	4,103.6
January 2021	W	W	W	W	-	-	3,667.7	3,696.2
South Dakota								
January 2022	W	W	W	W	-	-	599.9	759.5
December 2021	-	179.2	W	W	-	-	824.2	1,003.4
January 2021	-	119.4	W	W	-	-	696.0	815.4
Tennessee								
January 2022	16.8	-	W	W	-	-	3,712.5	3,729.3
December 2021	W	W	W	W	-	-	4,042.5	4,050.0
January 2021	W	W	-	3,827.2	-	-	3,827.2	3,845.0
Wisconsin								
January 2022	6.5	212.6	W	W	-	-	2,572.8	2,791.9
December 2021	3.1	169.1	W	W	-	-	2,766.0	2,938.2
January 2021	2.6	139.5	W	W	-	-	2,489.5	2,631.6
PAD District 3								
January 2022	639.7	1.6	753.2	37,425.8	-	653.4	38,832.4	39,473.7
December 2021	607.7	1.8	704.4	38,679.7	-	835.5	40,219.6	40,829.1
January 2021	W	W	NA	35,010.4	-	207.4	36,319.2	36,822.2
Alabama								
January 2022	W	-	-	W	-	W	W	2,870.5
December 2021	W	-	-	3,003.1	-	W	W	3,022.4
January 2021	W	-	-	W	-	-	W	2,896.9
Arkansas								
January 2022	-	W	W	W	-	-	W	2,166.1
December 2021	-	W	W	W	-	-	W	2,341.6
January 2021	-	W	-	W	-	-	W	2,297.7
Louisiana								
January 2022	W	W	-	5,296.2	-	157.0	5,453.2	6,046.5
December 2021	W	W	-	5,044.0	-	169.6	5,213.7	5,802.2
January 2021	W	W	-	W	-	W	4,979.5	5,441.9
Mississippi								
January 2022	W	-	W	W	-	-	W	2,261.5
December 2021	W	-	-	W	-	-	W	2,380.0
January 2021	W	-	-	W	-	-	W	1,883.1
New Mexico								
January 2022	-	W	W	W	-	-	W	2,262.2
December 2021	-	W	W	W	-	-	W	2,322.9
January 2021	-	W	-	W	-	-	W	2,220.0
Texas								
January 2022	W	W	670.3	W	-	W	23,862.6	23,866.9
December 2021	W	W	687.0	W	-	W	24,957.4	24,960.0
January 2021	1.8	-	NA	20,834.4	-	W	22,080.8	22,082.6

See footnotes at end of table.

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

thousand gallons per day

Geographic area month	Kerosene	No. 1 distillate	No. 2 distillate					Total distillate and kerosene
				No. 2 diesel fuel				
			No. 2 fuel oil	Ultra-low sulfur	Low-sulfur	High-sulfur	No. 2 distillate	
PAD District 4								
January 2022	0.2	340.1	W	W	-	-	9,856.6	10,196.9
December 2021	W	W	W	W	-	-	9,184.1	9,482.7
January 2021	W	W	W	W	-	-	8,677.1	8,915.7
Colorado								
January 2022	W	W	-	2,261.1	-	-	2,261.1	2,352.1
December 2021	W	W	-	2,398.7	-	-	2,398.7	2,471.0
January 2021	-	71.1	-	2,190.5	-	-	2,190.5	2,261.6
Idaho								
January 2022	W	W	W	W	-	-	1,940.5	1,973.7
December 2021	-	22.6	W	W	-	-	1,635.3	1,657.9
January 2021	-	16.5	W	W	-	-	1,651.5	1,668.0
Montana								
January 2022	-	105.8	W	W	-	-	1,393.6	1,499.5
December 2021	-	108.0	W	W	-	-	1,489.7	1,597.7
January 2021	-	70.4	W	W	-	-	1,487.5	1,557.9
Utah								
January 2022	W	W	W	W	-	-	2,563.4	2,596.1
December 2021	W	W	-	2,141.5	-	-	2,141.5	2,168.2
January 2021	W	W	W	W	-	-	2,050.6	2,076.1
Wyoming								
January 2022	W	W	-	W	-	-	1,698.0	1,775.5
December 2021	-	69.0	-	W	-	-	1,518.9	1,587.8
January 2021	-	55.2	-	W	-	-	1,297.0	1,352.2
PAD District 5								
January 2022	9.1	599.9	W	W	-	W	18,246.1	18,855.1
December 2021	19.1	539.3	W	W	-	W	18,843.8	19,402.1
January 2021	19.3	421.9	W	W	-	W	19,203.3	19,644.5
Alaska								
January 2022	-	W	W	W	-	-	W	W
December 2021	-	W	W	71.6	-	-	W	W
January 2021	-	W	W	128.8	-	-	W	572.1
Arizona								
January 2022	-	-	-	3,318.6	-	-	3,318.6	3,318.6
December 2021	-	-	-	3,470.1	-	-	3,470.1	3,470.1
January 2021	W	W	-	3,370.9	-	-	3,370.9	3,371.0
California								
January 2022	W	-	W	7,726.9	-	W	W	7,938.9
December 2021	11.3	-	-	W	-	W	8,541.6	8,553.0
January 2021	7.5	-	-	W	-	W	8,701.5	8,709.0
Hawaii								
January 2022	-	-	-	344.0	-	W	W	W
December 2021	-	-	-	313.4	-	W	W	W
January 2021	-	-	-	W	-	W	554.6	554.6
Nevada								
January 2022	W	W	W	W	-	-	1,338.0	1,344.7
December 2021	W	W	W	W	-	-	1,330.3	1,338.3
January 2021	W	W	W	W	-	-	1,308.1	1,318.1
Oregon								
January 2022	-	15.7	-	W	-	W	1,979.1	1,994.8
December 2021	W	W	-	W	-	W	1,943.2	1,961.3
January 2021	W	W	-	W	-	W	2,151.1	2,168.1
Washington								
January 2022	W	11.5	W	W	-	W	W	2,929.9
December 2021	W	9.9	W	W	-	W	W	2,851.5
January 2021	W	10.4	W	W	-	W	W	2,951.5

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

Note: - Total Distillate = No. 1 Distillate + No. 2 Distillate + No. 4 Fuel Oil (published on Table 46). - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2021 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.