# Summary Statistics

## Table 1. Crude oil prices

dollars per barrel

| Year month | Domestic first purchase prices | Average F.O.B.[a] cost of crude oil imports[b] | Average landed cost of crude oil imports[b] | Refiner acquisition cost of crude oil | | |
|---|---|---|---|---|---|---|
| | | | | Domestic | Imported | Composite |
| **1997 average** | 17.23 | 16.94 | 18.11 | 19.61 | 18.53 | 19.04 |
| **1998 average** | 10.87 | 10.76 | 11.84 | 13.18 | 12.04 | 12.52 |
| **1999 average** | 15.56 | 16.47 | 17.23 | 17.90 | 17.26 | 17.51 |
| **2000 average** | 26.72 | 26.27 | 27.53 | 29.11 | 27.70 | 28.26 |
| **2001 average** | 21.84 | 20.46 | 21.82 | 24.33 | 22.00 | 22.95 |
| **2002 average** | 22.51 | 22.63 | 23.91 | 24.65 | 23.71 | 24.10 |
| **2003 average** | 27.56 | 25.86 | 27.69 | 29.82 | 27.71 | 28.53 |
| **2004 average** | 36.77 | 33.75 | 36.07 | 38.97 | 35.90 | 36.98 |
| **2005 average** | 50.28 | 47.60 | 49.29 | 52.94 | 48.86 | 50.24 |
| **2006 average** | 59.69 | 57.03 | 59.11 | 62.62 | 59.02 | 60.24 |
| **2007 average** | 66.52 | 66.36 | 67.97 | 69.65 | 67.04 | 67.94 |
| **2008 average** | 94.04 | 90.32 | 93.33 | 98.47 | 92.77 | 94.74 |
| **2009 average** | 56.35 | 57.78 | 60.23 | 59.49 | 59.17 | 59.29 |
| **2010 average** | 74.71 | 74.19 | 76.50 | 78.01 | 75.86 | 76.69 |
| **2011 average** | 95.73 | 101.66 | 102.92 | 100.71 | 102.63 | 101.87 |
| **2012 average** | 94.52 | 99.78 | 101.00 | 100.72 | 101.09 | 100.93 |
| **2013 average** | 95.99 | 96.56 | 96.99 | 102.91 | 98.11 | 100.49 |
| **2014 average** | 87.39 | 85.65 | 88.16 | 94.05 | 89.56 | 92.02 |
| **2015 average** | 44.39 | 41.91 | 45.38 | 49.94 | 46.38 | 48.39 |
| **2016 average** | 38.29 | 36.37 | 38.56 | 42.41 | 38.75 | 40.66 |
| **2017 average** | 48.05 | 45.58 | 48.50 | 52.05 | 49.12 | 50.68 |
| **2018** | | | | | | |
| January | 62.25 | 55.73 | 58.25 | 66.08 | 59.71 | 63.25 |
| February | 61.18 | 53.42 | 56.76 | 64.68 | 58.03 | 61.74 |
| March | 60.68 | 53.35 | 56.32 | 64.03 | 56.82 | 60.81 |
| April | 63.50 | 58.56 | 60.62 | 67.14 | 61.24 | 64.41 |
| May | 66.16 | 62.95 | 65.15 | 71.29 | 65.89 | 68.91 |
| June | 62.80 | 63.09 | 65.48 | 69.63 | 66.82 | 68.35 |
| July | 67.00 | 62.35 | 65.44 | 73.33 | 66.62 | 70.29 |
| August | 62.64 | 61.41 | 64.16 | 69.45 | 65.48 | 67.68 |
| September | 63.54 | 61.56 | 63.69 | 71.09 | 66.70 | 69.29 |
| October | 65.18 | 60.23 | 61.78 | 73.07 | 67.79 | 70.99 |
| November | 55.65 | 44.66 | 47.16 | 62.47 | 54.40 | 59.01 |
| December | 47.63 | 36.91 | 39.14 | 53.25 | 42.80 | 48.83 |
| **2018 average** | 61.40 | 56.31 | 58.89 | 67.05 | 60.95 | 64.38 |
| **2019** | | | | | | |
| January | 47.85 | 48.72 | 49.25 | 53.86 | 49.57 | 52.11 |
| February | 52.51 | 54.14 | 56.12 | 57.89 | 56.50 | 57.35 |
| March | 57.47 | 57.54 | 59.48 | 61.97 | 61.14 | 61.64 |
| April | 63.01 | 61.31 | 63.62 | 67.24 | 65.42 | 66.52 |
| May | 59.68 | 60.70 | 63.69 | 65.17 | 65.03 | 65.11 |
| June | 54.22 | 54.50 | 57.40 | 59.81 | 58.16 | 59.16 |
| July | 56.47 | 54.51 | 56.97 | 61.47 | 59.18 | 60.53 |
| August | 53.63 | 51.98 | 54.91 | 57.88 | 55.41 | 56.90 |
| September | 55.07 | 52.68 | 55.06 | 59.41 | 57.31 | 58.60 |
| October | 53.14 | R50.37 | R53.72 | 56.69 | 54.45 | 55.86 |
| November | 54.96 | R51.35 | R54.08 | R59.42 | R55.27 | R57.88 |
| December | 58.41 | 51.23 | 53.15 | R62.23 | R56.85 | R60.27 |
| **2019 average** | 55.55 | 54.26 | 56.54 | 60.25 | 57.90 | 59.33 |
| **2020** | | | | | | |
| January[c] | NA | NA | NA | E61.24 | E53.62 | E57.94 |

NA = Not available.

E = Estimated data.

R = Revised data.

[a] Free on Board. See Glossary.

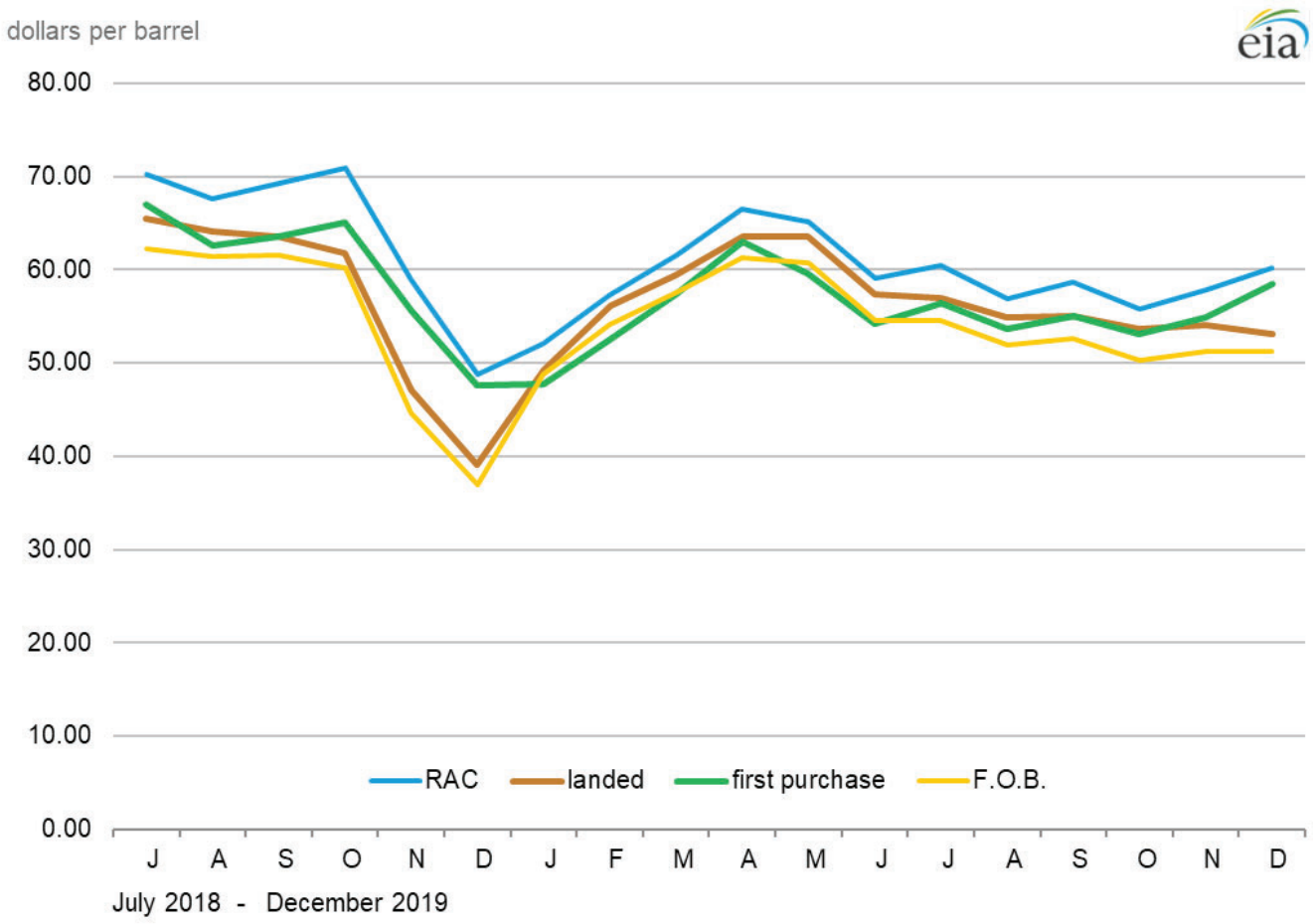
[b] Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section.

[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 2018 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** | | | | | | | | | |
| January | 66.08 | 59.71 | 63.25 | 66.24 | 65.97 | 66.01 | 65.21 | 51.67 | 58.61 |
| February | 64.68 | 58.03 | 61.74 | 66.09 | 64.96 | 65.16 | 63.69 | 48.42 | 56.43 |
| March | 64.03 | 56.82 | 60.81 | 66.71 | 65.31 | 65.63 | 64.24 | 47.11 | 56.27 |
| April | 67.14 | 61.24 | 64.41 | 69.95 | 70.27 | 70.21 | 67.21 | 50.98 | 59.12 |
| May | 71.29 | 65.89 | 68.91 | 71.37 | 72.17 | 72.00 | 71.04 | 58.27 | 64.64 |
| June | 69.63 | 66.82 | 68.35 | 71.35 | 72.91 | 72.62 | 68.42 | 59.23 | 64.08 |
| July | 73.33 | 66.62 | 70.29 | 72.72 | 71.71 | 71.90 | 73.40 | 60.98 | 67.41 |
| August | 69.45 | 65.48 | 67.68 | 72.07 | 72.03 | 72.04 | 69.20 | 58.09 | 64.13 |
| September | 71.09 | 66.70 | 69.29 | 73.74 | 75.40 | 74.83 | 70.14 | 54.36 | 63.22 |
| October | 73.07 | 67.79 | 70.99 | 75.33 | 75.36 | 75.35 | 71.74 | 52.76 | 63.58 |
| November | 62.47 | 54.40 | 59.01 | 69.43 | 69.13 | 69.18 | 57.01 | 38.34 | 47.16 |
| December | 53.25 | 42.80 | 48.83 | 60.15 | 61.46 | 61.18 | 47.52 | 19.78 | 33.41 |
| **2018** | 67.05 | 60.95 | 64.38 | 69.71 | 69.63 | 69.64 | 65.69 | 49.35 | 57.85 |
| **2019** | | | | | | | | | |
| January | 53.86 | 49.57 | 52.11 | 59.24 | 59.65 | 59.58 | 50.20 | 38.63 | 44.40 |
| February | 57.89 | 56.50 | 57.35 | 62.66 | 65.08 | 64.48 | 54.36 | 49.88 | 52.16 |
| March | 61.97 | 61.14 | 61.64 | 66.20 | 69.27 | 68.49 | 60.10 | 54.19 | 56.89 |
| April | 67.24 | 65.42 | 66.52 | 70.56 | 69.84 | 70.01 | 65.83 | 59.64 | 62.84 |
| May | 65.17 | 65.03 | 65.11 | 67.35 | 70.86 | 70.05 | 61.64 | 59.17 | 60.38 |
| June | 59.81 | 58.16 | 59.16 | 63.72 | 65.04 | 64.77 | 55.27 | 50.30 | 52.75 |
| July | 61.47 | 59.18 | 60.53 | 65.28 | 65.31 | 65.31 | 59.51 | 51.52 | 55.64 |
| August | 57.88 | 55.41 | 56.90 | 61.99 | 61.37 | 61.54 | 55.69 | 50.09 | 52.79 |
| September | 59.41 | 57.31 | 58.60 | 63.46 | 63.28 | 63.33 | 58.61 | 51.90 | 55.55 |
| October | 56.69 | 54.45 | 55.86 | 59.84 | 62.05 | 61.29 | 54.61 | 48.65 | 51.73 |
| November | R59.42 | R55.27 | R57.88 | 62.94 | R63.77 | R63.50 | R58.64 | R48.99 | R54.16 |
| December | R62.23 | R56.85 | R60.27 | 64.86 | 67.26 | 66.39 | 61.81 | 48.46 | 55.41 |
| **2019** | 60.25 | 57.90 | 59.33 | 64.02 | 65.37 | 65.02 | 57.99 | 50.85 | 54.47 |

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** | | | | | | | | | |
| January | 65.99 | 61.79 | 64.45 | 63.61 | 47.53 | 56.04 | 68.59 | 66.20 | 67.46 |
| February | 64.83 | 60.66 | 63.32 | 60.99 | 43.15 | 53.36 | 66.70 | 64.52 | 65.59 |
| March | 63.43 | 58.65 | 61.64 | 61.80 | 42.31 | 53.23 | 66.74 | 64.38 | 65.42 |
| April | 66.59 | 63.43 | 65.39 | 64.52 | 45.53 | 56.14 | 69.83 | 67.99 | 68.89 |
| May | 70.66 | 67.10 | 69.43 | 68.37 | 54.97 | 63.01 | 75.61 | 73.53 | 74.52 |
| June | 69.28 | 67.69 | 68.68 | 65.51 | 56.58 | 61.50 | 74.61 | 73.54 | 74.02 |
| July | 73.45 | 67.85 | 71.35 | 68.41 | 57.79 | 63.60 | 74.24 | 70.45 | 72.15 |
| August | 68.89 | 65.76 | 67.77 | 66.53 | 56.09 | 61.96 | 73.81 | 72.11 | 72.81 |
| September | 70.43 | 70.22 | 70.36 | 69.26 | 47.21 | 59.67 | 76.05 | 74.91 | 75.47 |
| October | 72.85 | 72.38 | 72.71 | 67.91 | 52.13 | 59.81 | 77.82 | 76.85 | 77.31 |
| November | 63.26 | 60.90 | 62.54 | 52.37 | 34.08 | 42.36 | 69.68 | 66.88 | 68.31 |
| December | 54.32 | 51.89 | 53.60 | 44.09 | 22.24 | 33.15 | 58.83 | 56.42 | 57.58 |
| **2018** | 66.94 | 64.10 | 65.95 | 62.87 | 45.87 | 55.01 | 70.82 | 68.91 | 69.81 |
| **2019** | | | | | | | | | |
| January | 54.23 | 52.79 | 53.85 | 48.67 | 37.65 | 43.36 | 59.23 | 58.48 | 58.84 |
| February | 58.05 | 58.13 | 58.07 | 53.64 | 49.23 | 51.74 | 64.13 | 62.21 | 63.17 |
| March | 61.62 | 62.29 | 61.79 | 56.86 | 53.58 | 55.48 | 67.19 | 67.86 | 67.52 |
| April | 67.32 | 66.85 | 67.19 | 59.92 | 58.45 | 59.24 | 71.38 | 71.52 | 71.45 |
| May | 65.72 | 65.84 | 65.76 | 59.64 | 58.17 | 58.94 | 69.37 | 70.73 | 70.07 |
| June | 60.74 | 61.60 | 60.95 | 52.89 | 49.11 | 51.00 | 63.95 | 63.82 | 63.88 |
| July | 61.75 | 61.43 | 61.66 | 55.97 | 50.68 | 53.44 | 64.82 | 65.00 | 64.92 |
| August | 58.10 | 55.29 | 57.40 | 53.46 | 48.89 | 51.36 | 61.30 | 62.22 | 61.83 |
| September | 59.33 | 58.20 | 59.04 | 54.02 | 50.15 | 52.25 | 62.45 | 63.07 | 62.78 |
| October | 56.84 | 54.41 | 56.28 | 50.42 | 45.65 | 48.39 | 60.67 | 60.78 | 60.73 |
| November | R59.10 | R54.89 | R58.11 | R53.80 | R48.00 | R51.00 | R63.43 | 62.62 | R63.00 |
| December | 61.90 | 58.75 | 61.18 | 56.04 | 45.99 | 50.94 | 66.13 | 65.41 | 65.75 |
| **2019** | 60.41 | 59.49 | 60.17 | 54.65 | 49.53 | 52.26 | 64.46 | 64.26 | 64.35 |

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 2018 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** | | | | | | | | | | | |
| January | 2.108 | W | 2.012 | 0.971 | W | 2.506 | 2.144 | 2.206 | 2.145 | - | 1.507 |
| February | 2.127 | W | 1.970 | 0.948 | W | 2.510 | 2.107 | 2.365 | 2.110 | - | 1.490 |
| March | 2.160 | W | 1.924 | 0.842 | W | 2.566 | 2.076 | 2.484 | 2.078 | - | 1.452 |
| April | 2.315 | W | 2.080 | 0.839 | W | W | 2.201 | 2.486 | 2.202 | - | 1.504 |
| May | 2.494 | W | 2.221 | 0.916 | 3.219 | W | 2.368 | 2.478 | 2.368 | - | 1.667 |
| June | 2.469 | W | 2.196 | 0.883 | 3.292 | W | 2.340 | 2.413 | 2.341 | - | 1.731 |
| July | 2.442 | W | 2.176 | 0.956 | W | W | 2.316 | 2.436 | 2.316 | - | 1.767 |
| August | 2.421 | W | 2.183 | 0.989 | 3.272 | W | 2.327 | 2.499 | 2.327 | - | 1.764 |
| September | 2.428 | W | 2.257 | 1.062 | 3.189 | W | 2.388 | 2.612 | 2.388 | - | 1.761 |
| October | 2.441 | W | 2.349 | 0.988 | W | 2.850 | 2.500 | 2.696 | 2.501 | - | 1.875 |
| November | 2.205 | W | 2.162 | 0.876 | W | 2.719 | 2.282 | 2.431 | 2.284 | - | 1.827 |
| December | 1.973 | W | 1.852 | 0.794 | W | 2.397 | 1.981 | 2.222 | 1.983 | - | 1.608 |
| **2018** | 2.303 | W | 2.119 | 0.925 | 3.113 | 2.600 | 2.256 | 2.380 | 2.257 | - | 1.662 |
| **2019** | | | | | | | | | | | |
| January | 1.854 | W | 1.827 | 0.756 | W | 2.323 | 1.960 | 2.195 | 1.962 | - | 1.425 |
| February | 1.949 | W | 1.956 | 0.784 | W | 2.401 | 2.080 | 2.367 | 2.082 | - | 1.568 |
| March | 2.137 | W | 2.005 | 0.761 | W | 2.503 | 2.158 | 2.376 | 2.159 | - | 1.639 |
| April | 2.487 | W | 2.063 | 0.686 | W | 2.563 | 2.259 | 2.461 | 2.260 | - | 1.685 |
| May | 2.520 | W | 2.141 | 0.599 | W | NA | 2.272 | 2.389 | 2.272 | - | 1.635 |
| June | 2.366 | W | 1.907 | 0.464 | 3.312 | 2.209 | 2.078 | 2.156 | 2.079 | - | 1.601 |
| July | 2.375 | W | 1.973 | 0.487 | 3.260 | 2.352 | 2.100 | 2.206 | 2.101 | - | 1.625 |
| August | 2.252 | W | 1.901 | 0.461 | W | 2.282 | 2.037 | 2.155 | 2.038 | - | 1.466 |
| September | 2.242 | W | 1.937 | 0.473 | 3.203 | 2.348 | 2.101 | 2.200 | 2.102 | - | 1.560 |
| October | 2.289 | W | 1.965 | 0.516 | W | 2.527 | 2.134 | 2.174 | 2.134 | - | 1.543 |
| November | 2.229 | W | 1.979 | 0.635 | W | 2.641 | 2.126 | 2.321 | 2.128 | - | R1.594 |
| December | 2.181 | W | 1.979 | 0.601 | W | 2.501 | 2.072 | 2.361 | 2.075 | - | 1.725 |

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

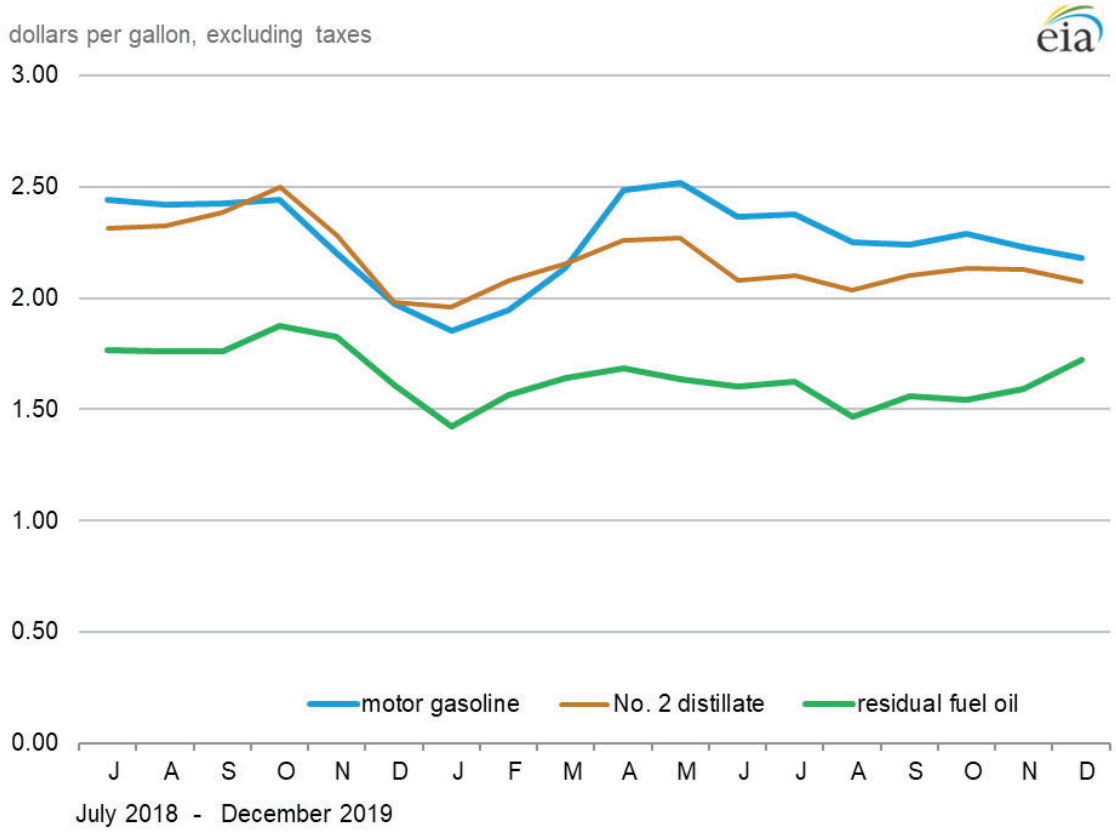
R = Revised data.

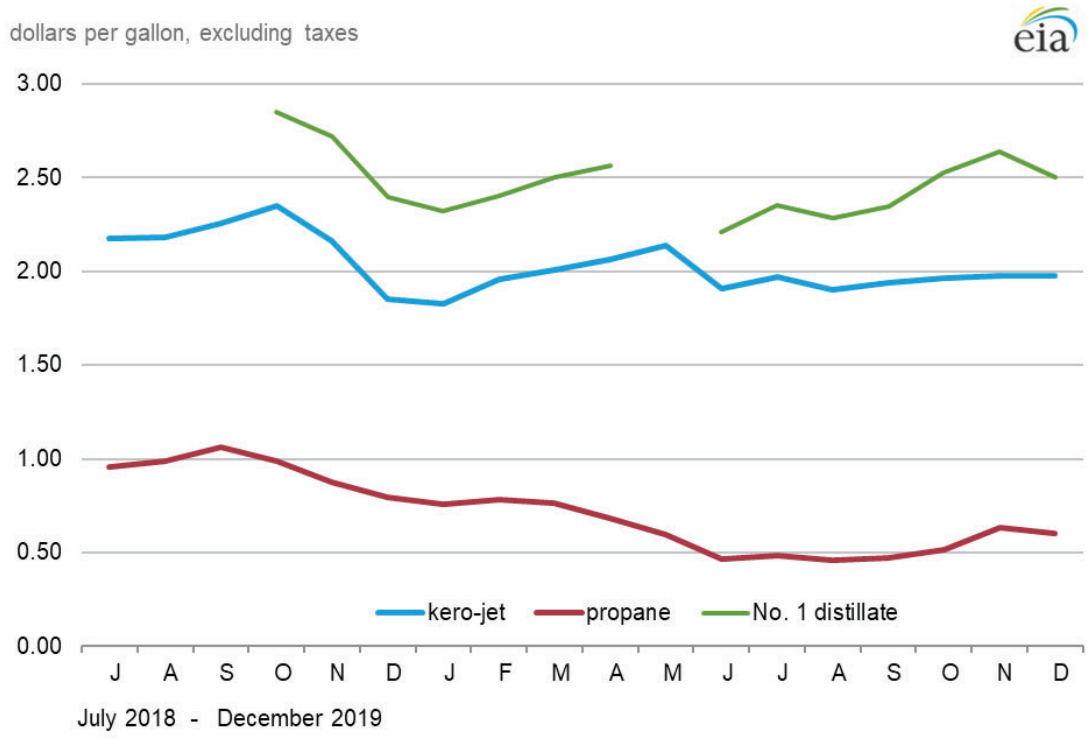
[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

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 2018 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** | | | | | | | | | | | |
| January | 22.5 | W | 29.1 | 3.5 | W | 0.1 | 11.7 | 0.3 | 12.0 | - | 3.7 |
| February | 23.4 | W | 27.8 | 3.2 | W | 0.1 | 11.8 | 0.1 | 12.0 | - | 3.6 |
| March | 24.1 | W | 31.7 | 3.4 | W | 0.1 | 12.7 | 0.1 | 12.8 | - | 3.6 |
| April | 23.8 | W | 29.9 | 4.3 | W | W | 13.0 | 0.0 | 13.0 | - | 3.5 |
| May | 24.3 | W | 32.0 | 3.0 | 0.0 | W | 12.2 | 0.1 | 12.3 | - | 3.2 |
| June | 25.1 | W | 31.3 | 3.3 | 0.0 | W | 11.5 | 0.1 | 11.6 | - | 3.0 |
| July | 24.6 | W | 33.2 | 3.1 | W | W | 12.4 | 0.1 | 12.4 | - | 3.5 |
| August | 25.4 | W | 33.3 | 4.4 | 0.0 | W | 13.4 | 0.0 | 13.4 | - | 3.2 |
| September | 24.4 | W | 32.2 | 3.7 | 0.0 | W | 13.3 | 0.0 | 13.3 | - | 3.6 |
| October | 24.7 | W | 32.1 | 4.2 | W | 0.1 | 13.3 | 0.1 | 13.4 | - | 3.8 |
| November | 24.6 | W | 30.9 | 3.7 | W | 0.1 | 13.1 | 0.2 | 13.3 | - | 3.4 |
| December | 24.2 | W | 32.2 | 2.9 | W | 0.1 | 12.5 | 0.1 | 12.6 | - | 3.5 |
| **2018** | 24.3 | W | 31.3 | 3.6 | 0.0 | 0.1 | 12.6 | 0.1 | 12.7 | - | 3.5 |
| **2019** | | | | | | | | | | | |
| January | 23.2 | W | 29.3 | 3.5 | W | 0.1 | 12.5 | 0.1 | 12.6 | - | 2.8 |
| February | 23.6 | W | 28.9 | 3.2 | W | 0.1 | 12.4 | 0.1 | 12.5 | - | 2.3 |
| March | 24.3 | W | 30.5 | 2.3 | W | 0.1 | 11.8 | 0.1 | 11.8 | - | 2.2 |
| April | 24.1 | W | 32.3 | 2.3 | W | 0.1 | 11.7 | 0.1 | 11.8 | - | 2.4 |
| May | 24.7 | W | 31.7 | 2.8 | W | 0.1 | 12.1 | 0.1 | 12.1 | - | 2.0 |
| June | 24.9 | W | 32.9 | 2.9 | 0.0 | 0.0 | 11.9 | 0.1 | 12.0 | - | 3.3 |
| July | 24.8 | W | 33.9 | 2.1 | 0.0 | 0.0 | 12.5 | 0.0 | 12.6 | - | 2.8 |
| August | 25.9 | W | 31.9 | 2.5 | W | 0.0 | 12.8 | 0.1 | 12.8 | - | 2.6 |
| September | 24.1 | W | 32.1 | 3.4 | 0.0 | 0.1 | 12.2 | 0.1 | 12.3 | - | 3.2 |
| October | 24.0 | W | 30.5 | 3.1 | W | 0.1 | 11.3 | 0.2 | 11.4 | - | 2.8 |
| November | 23.9 | W | 30.5 | 4.1 | W | 0.1 | 10.6 | 0.1 | 10.7 | - | R2.4 |
| December | 23.4 | W | 32.6 | 3.8 | W | 0.1 | 11.0 | 0.1 | 11.1 | - | 2.0 |

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

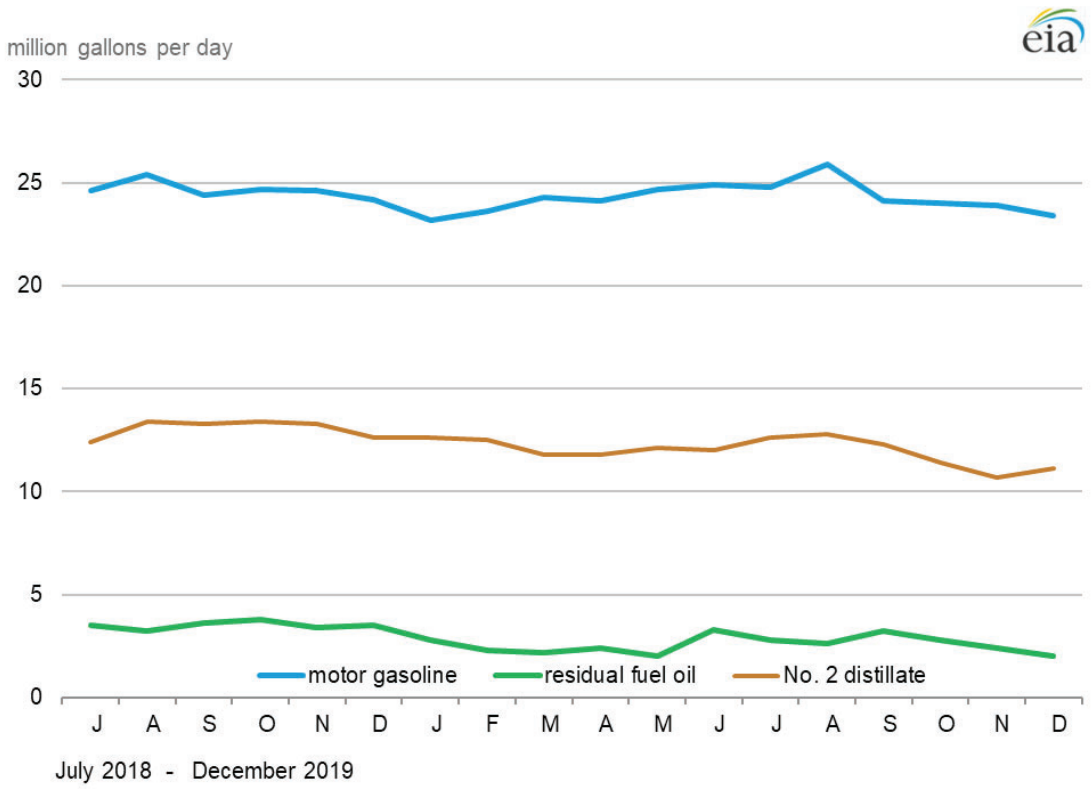
R = Revised data.

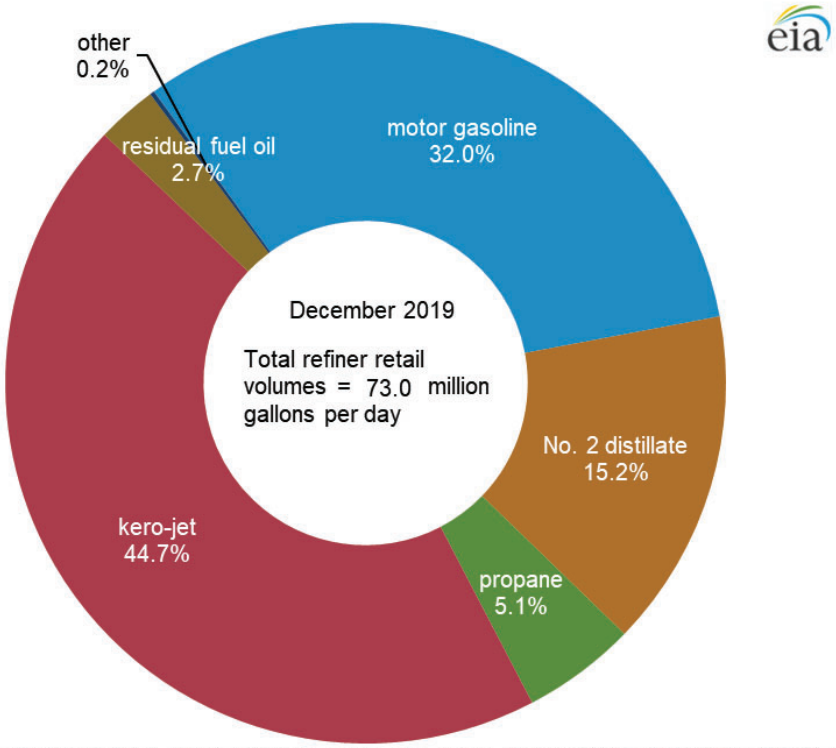
[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Motor gasoline averages and totals before October 1993 include leaded gasoline. Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 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. 4 fuel[a] | Residual fuel oil |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | No. 2 diesel fuel | No. 2 fuel oil | Average | | |
| **1994** | 0.599 | 0.933 | 0.534 | 0.324 | 0.618 | 0.615 | 0.529 | 0.506 | 0.522 | 0.462 | 0.317 |
| **1995** | 0.626 | 0.975 | 0.539 | 0.344 | 0.580 | 0.625 | 0.538 | 0.511 | 0.530 | 0.463 | 0.363 |
| **1996** | 0.713 | 1.055 | 0.646 | 0.461 | 0.714 | 0.751 | 0.659 | 0.639 | 0.653 | 0.603 | 0.420 |
| **1997** | 0.70 | 1.065 | 0.613 | 0.416 | 0.653 | 0.723 | 0.606 | 0.590 | 0.602 | 0.551 | 0.387 |
| **1998** | 0.526 | 0.912 | 0.450 | 0.288 | 0.465 | 0.513 | 0.444 | 0.422 | 0.439 | 0.383 | 0.280 |
| **1999** | 0.645 | 1.007 | 0.533 | 0.342 | 0.550 | 0.634 | 0.546 | 0.493 | 0.536 | 0.430 | 0.354 |
| **2000** | 0.963 | 1.330 | 0.880 | 0.595 | 0.969 | 1.019 | 0.898 | 0.886 | 0.896 | 0.778 | 0.566 |
| **2001** | 0.886 | 1.256 | 0.763 | 0.540 | 0.821 | 0.883 | 0.784 | 0.756 | 0.779 | 0.697 | 0.476 |
| **2002** | 0.828 | 1.146 | 0.716 | 0.431 | 0.752 | 0.805 | 0.724 | 0.694 | 0.718 | 0.663 | 0.530 |
| **2003** | 1.002 | 1.288 | 0.871 | 0.607 | 0.955 | 1.033 | 0.883 | 0.881 | 0.882 | 0.793 | 0.661 |
| **2004** | 1.288 | 1.627 | 1.208 | 0.751 | 1.271 | 1.289 | 1.187 | 1.125 | 1.178 | 1.033 | 0.681 |
| **2005** | 1.670 | 2.076 | 1.723 | 0.933 | 1.757 | 1.801 | 1.737 | 1.623 | 1.720 | 1.377 | 0.971 |
| **2006** | 1.969 | 2.490 | 1.961 | 1.031 | 2.007 | 2.044 | 2.012 | 1.834 | 1.991 | 1.395 | 1.136 |
| **2007** | 2.182 | 2.758 | 2.171 | 1.194 | 2.249 | 2.430 | 2.203 | 2.072 | 2.190 | 1.551 | 1.350 |
| **2008** | 2.586 | 3.342 | 3.020 | 1.437 | 2.851 | 2.712 | 2.994 | 2.745 | 2.970 | 2.157 | 1.866 |
| **2009** | 1.767 | 2.480 | 1.719 | 0.921 | 1.844 | 2.050 | 1.713 | 1.657 | 1.707 | 1.561 | 1.342 |
| **2010** | 2.165 | 2.874 | 2.185 | 1.212 | 2.299 | 2.573 | 2.214 | 2.147 | 2.208 | W | 1.697 |
| **2011** | 2.867 | 3.739 | 3.014 | 1.467 | 3.065 | 3.223 | 3.034 | 2.907 | 3.025 | 2.801 | 2.336 |
| **2012** | 2.929 | 3.919 | 3.080 | 1.033 | 3.163 | 3.349 | 3.109 | 3.031 | 3.103 | W | 2.457 |
| **2013** | 2.812 | 3.869 | 2.953 | 1.048 | 3.084 | 3.340 | 3.028 | 2.966 | 3.025 | 2.767 | 2.278 |
| **2014** | 2.618 | 3.687 | 2.763 | 1.165 | 2.882 | 3.213 | 2.812 | 2.741 | 2.809 | 2.333 | 2.044 |
| **2015** | 1.726 | 2.764 | 1.592 | 0.555 | 1.735 | 1.957 | 1.667 | 1.565 | 1.663 | 1.215 | 0.996 |
| **2016** | 1.454 | 2.404 | 1.295 | 0.523 | 1.383 | 1.589 | 1.378 | 1.239 | 1.370 | 0.956 | 0.745 |
| **2017** | 1.689 | 2.682 | 1.603 | 0.800 | 1.730 | 2.093 | 1.691 | 1.600 | 1.686 | W | 1.116 |
| **2018** | | | | | | | | | | | |
| January | 1.849 | 2.900 | 1.969 | 0.990 | 2.209 | 2.430 | 2.042 | 1.990 | 2.036 | W | 1.310 |
| February | 1.823 | 2.893 | 1.911 | 0.889 | 2.088 | 2.295 | 1.972 | 1.889 | 1.966 | W | 1.319 |
| March | 1.889 | 2.904 | 1.893 | 0.827 | 1.969 | 2.209 | 1.952 | 1.848 | 1.946 | W | 1.302 |
| April | 2.054 | 3.085 | 2.032 | 0.792 | 2.075 | 2.414 | 2.099 | 1.982 | 2.093 | W | 1.348 |
| May | 2.205 | 3.181 | 2.175 | 0.867 | 2.205 | 2.606 | 2.258 | 2.143 | 2.254 | W | 1.500 |
| June | 2.135 | 3.138 | 2.152 | 0.807 | 2.145 | 2.544 | 2.203 | 2.089 | 2.200 | W | 1.553 |
| July | 2.148 | 3.111 | 2.140 | 0.854 | 2.133 | 2.489 | 2.192 | 2.079 | 2.189 | W | 1.581 |
| August | 2.118 | 3.085 | 2.148 | 0.907 | 2.169 | 2.485 | 2.203 | 2.114 | 2.201 | W | 1.549 |
| September | 2.136 | 3.124 | 2.214 | 0.951 | 2.246 | 2.560 | 2.282 | 2.214 | 2.280 | W | 1.560 |
| October | 2.090 | 3.099 | 2.296 | 0.948 | 2.437 | 2.665 | 2.379 | 2.281 | 2.373 | W | 1.700 |
| November | 1.732 | 2.762 | 2.100 | 0.826 | 2.206 | 2.449 | 2.130 | 2.098 | 2.128 | W | 1.556 |
| December | 1.514 | 2.463 | 1.811 | 0.798 | 1.954 | 2.175 | 1.794 | 1.796 | 1.794 | W | 1.293 |
| **2018** | 1.980 | 3.006 | 2.073 | 0.877 | 2.160 | 2.380 | 2.130 | 2.002 | 2.123 | W | 1.463 |
| **2019** | | | | | | | | | | | |
| January | 1.483 | 2.394 | 1.822 | 0.775 | 2.021 | 2.127 | 1.789 | 1.813 | 1.791 | W | 1.357 |
| February | 1.624 | 2.527 | 1.925 | 0.772 | 2.111 | 2.246 | 1.950 | 1.907 | 1.946 | W | 1.508 |
| March | 1.881 | 2.874 | 1.960 | 0.754 | 2.087 | 2.389 | 2.020 | 1.958 | 2.015 | W | 1.581 |
| April | 2.138 | 3.100 | 2.022 | 0.660 | 2.073 | 2.343 | 2.100 | 1.993 | 2.095 | W | 1.577 |
| May | 2.110 | 3.021 | 2.061 | 0.595 | 2.057 | 2.458 | 2.106 | 1.989 | 2.102 | W | 1.505 |
| June | 1.909 | 2.841 | 1.879 | 0.493 | 1.914 | 2.203 | 1.874 | 1.824 | 1.873 | W | 1.372 |
| July | 1.984 | 2.988 | 1.938 | 0.478 | 1.969 | 2.260 | 1.938 | 1.847 | 1.935 | W | 1.489 |
| August | 1.820 | 2.854 | 1.864 | 0.458 | 1.861 | 2.201 | 1.865 | 1.795 | 1.862 | W | 1.247 |
| September | 1.854 | 2.829 | 1.898 | 0.477 | 1.984 | 2.264 | 1.955 | 1.901 | 1.954 | W | 1.337 |
| October | 1.871 | 2.857 | 1.931 | 0.544 | 2.003 | 2.369 | 1.984 | 1.926 | 1.982 | W | 1.263 |
| November | R1.819 | 2.783 | 1.922 | R0.655 | R2.046 | 2.420 | 1.974 | 1.884 | R1.968 | W | R1.353 |
| December | 1.757 | 2.734 | 1.933 | 0.626 | 2.087 | 2.369 | 1.942 | 1.919 | 1.940 | W | 1.558 |

W = Withheld to avoid disclosure of individual company data.

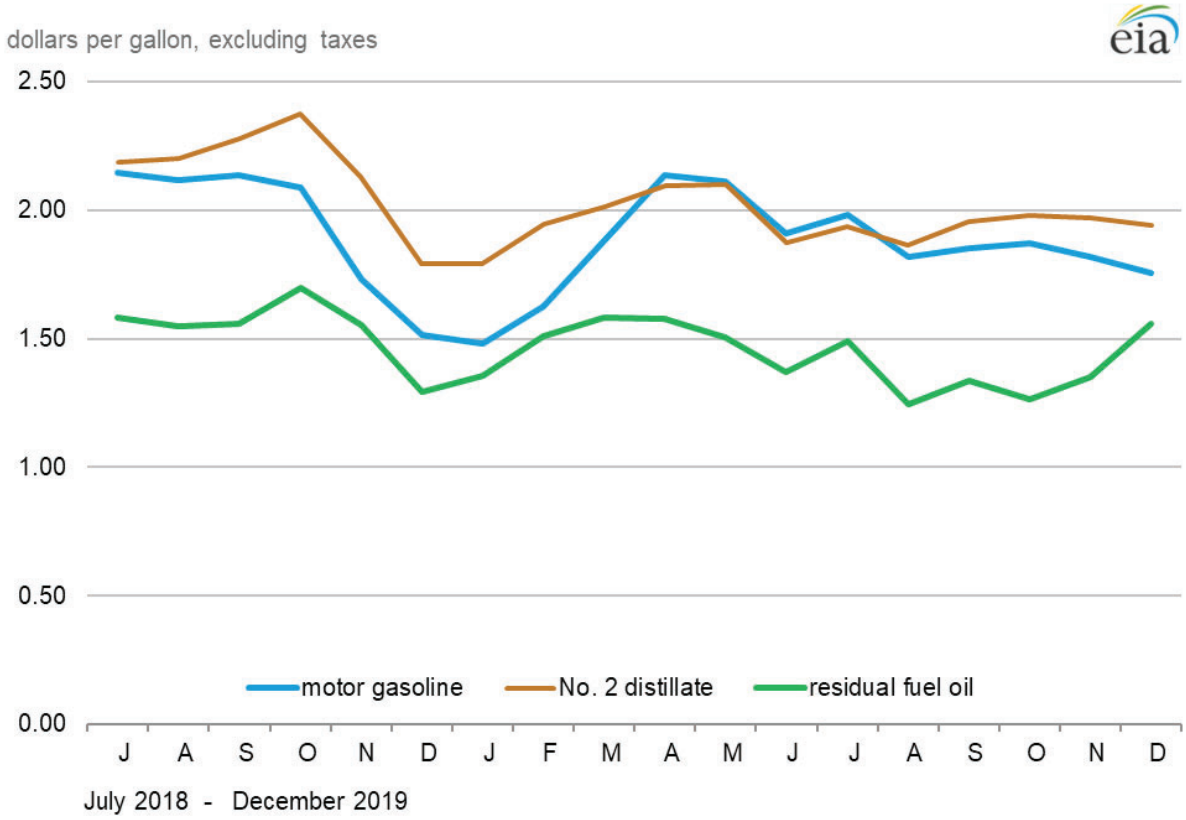
R = Revised data.

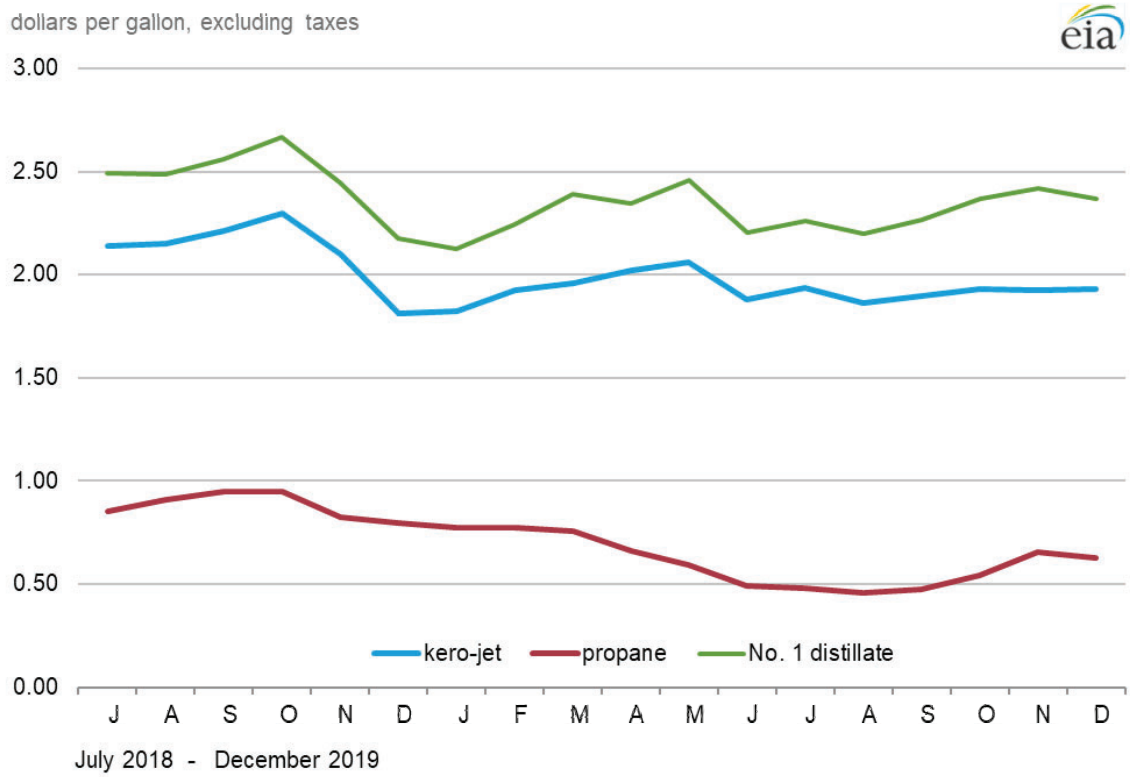
[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

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 2018 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. 2 diesel fuel | No. 2 distillate: No. 2 fuel oil | No. 2 distillate: Average | No. 4 fuel[a] | Residual fuel oil |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **1994** | 276.7 | 0.7 | 9.1 | 28.4 | 2.5 | 1.9 | 72.4 | 32.9 | 105.3 | 0.4 | 12.8 |
| **1995** | 288.8 | 0.6 | 9.9 | 30.6 | 2.4 | 1.7 | 75.9 | 31.0 | 106.9 | 0.3 | 13.6 |
| **1996** | 293.6 | 0.6 | 11.5 | 32.9 | 2.7 | 1.8 | 83.7 | 33.1 | 116.8 | 0.3 | 13.8 |
| **1997** | 292.7 | 0.6 | 11.3 | 32.2 | 2.5 | 1.6 | 88.7 | 31.2 | 119.9 | 0.2 | 11.5 |
| **1998** | 300.4 | 0.6 | 12.2 | 32.7 | 2.2 | 1.4 | 91.9 | 27.3 | 119.2 | 0.1 | 15.4 |
| **1999** | 306.9 | 0.7 | 15.2 | 33.6 | 2.4 | 1.7 | 95.5 | 24.3 | 119.9 | 0.2 | 11.5 |
| **2000** | 304.4 | 0.6 | 15.7 | 34.8 | 2.3 | 1.5 | 98.8 | 23.3 | 122.1 | 0.2 | 10.5 |
| **2001** | 305.2 | 0.6 | 14.3 | 35.0 | 2.2 | 1.4 | 101.3 | 25.2 | 126.4 | 0.1 | 10.3 |
| **2002** | 311.8 | 0.6 | 12.1 | 32.9 | 2.0 | 1.3 | 100.8 | 23.6 | 124.4 | 0.1 | 8.8 |
| **2003** | 311.6 | 0.5 | 12.2 | 36.5 | 2.3 | 1.2 | 108.9 | 20.9 | 129.8 | 0.1 | 6.7 |
| **2004** | 316.4 | 0.6 | 12.7 | 40.3 | 2.1 | 1.3 | 116.5 | 19.6 | 136.1 | NA | 5.9 |
| **2005** | 321.8 | 0.5 | 15.2 | 35.1 | 2.0 | 1.4 | 118.7 | 20.6 | 139.3 | NA | 4.7 |
| **2006** | 315.6 | 0.5 | 15.2 | 39.4 | 1.4 | 1.3 | 123.2 | 16.7 | 139.9 | 0.3 | 6.5 |
| **2007** | 319.8 | 0.5 | 16.6 | 41.7 | 1.4 | 0.9 | 135.3 | 14.5 | 149.8 | 0.3 | 8.2 |
| **2008** | 306.4 | 0.4 | 16.5 | 34.2 | 1.0 | 1.0 | 138.7 | 14.9 | 153.6 | 0.2 | 9.5 |
| **2009** | 307.4 | 0.4 | 15.2 | 31.8 | 1.3 | 1.0 | 128.0 | 15.1 | 143.1 | 0.1 | 9.8 |
| **2010** | 312.0 | 0.4 | 20.3 | 28.3 | 1.4 | 0.9 | 135.5 | 11.5 | 147.0 | W | 10.7 |
| **2011** | 296.3 | 0.4 | 23.0 | 28.6 | 1.2 | 1.0 | 134.6 | 10.7 | 145.3 | 0.1 | 12.2 |
| **2012** | 294.7 | 0.4 | 23.5 | 27.6 | 1.2 | 0.8 | 136.9 | 10.7 | 147.6 | W | 8.8 |
| **2013** | 291.0 | 0.4 | 26.4 | 34.9 | 1.3 | 1.0 | 142.9 | 7.7 | 150.6 | 0.1 | 9.0 |
| **2014** | 289.2 | 0.4 | 27.5 | 32.9 | 1.4 | 1.4 | 146.3 | 7.0 | 153.3 | 0.1 | 8.0 |
| **2015** | 298.7 | 0.4 | 28.6 | 31.6 | 1.2 | 1.2 | 146.5 | 6.7 | 153.2 | 0.2 | 8.1 |
| **2016** | 303.8 | 0.4 | 30.3 | 32.4 | 1.2 | 1.0 | 138.3 | 8.2 | 146.5 | 0.1 | 8.4 |
| **2017** | 301.5 | 0.4 | 38.1 | 28.9 | 1.0 | 1.0 | 146.5 | 8.5 | 155.0 | W | 7.1 |
| **2018** | | | | | | | | | | | |
| January | 283.1 | 0.3 | 41.1 | 46.8 | 2.3 | 3.2 | 145.8 | 17.5 | 163.4 | W | 8.9 |
| February | 296.0 | 0.3 | 41.4 | 39.3 | 1.5 | 2.5 | 144.5 | 12.6 | 157.1 | W | 7.7 |
| March | 306.3 | 0.4 | 38.3 | 31.4 | 1.0 | 1.1 | 148.8 | 9.5 | 158.3 | W | 7.4 |
| April | 306.9 | 0.5 | 40.0 | 24.4 | 0.8 | 0.4 | 156.2 | 9.0 | 165.3 | W | 7.0 |
| May | 318.4 | 0.5 | 41.8 | 20.9 | 0.8 | 0.1 | 159.3 | 5.3 | 164.7 | W | 8.4 |
| June | 319.5 | 0.5 | 44.1 | 18.9 | 0.9 | 0.1 | 160.4 | 4.2 | 164.7 | W | 8.1 |
| July | 312.1 | 0.6 | 42.7 | 19.3 | 0.8 | 0.1 | 154.1 | 3.8 | 158.0 | W | 7.3 |
| August | 314.5 | 0.5 | 43.3 | 21.9 | 1.2 | 0.2 | 159.4 | 3.3 | 162.7 | W | 7.6 |
| September | 305.4 | 0.4 | 40.2 | 20.8 | 1.8 | 0.4 | 156.3 | 4.7 | 161.0 | W | 7.8 |
| October | 306.2 | 0.5 | 37.9 | 28.5 | 1.0 | 1.2 | 161.2 | 9.7 | 170.9 | W | 7.3 |
| November | 301.8 | 0.3 | 38.1 | 33.6 | 1.4 | 2.7 | 155.3 | 12.9 | 168.1 | W | 6.7 |
| December | 293.9 | 0.4 | 37.2 | 36.1 | 1.4 | 2.4 | 152.3 | 17.1 | 169.5 | W | 7.3 |
| **2018** | 305.4 | 0.4 | 40.5 | 28.4 | 1.2 | 1.2 | 154.5 | 9.1 | 163.7 | W | 7.6 |
| **2019** | | | | | | | | | | | |
| January | 287.2 | 0.4 | 36.9 | 41.1 | 1.8 | 3.3 | 150.5 | 15.7 | 166.1 | W | 7.9 |
| February | 291.6 | 0.3 | 38.2 | 40.7 | 1.3 | 3.8 | 148.2 | 14.5 | 162.7 | W | 7.6 |
| March | 298.1 | 0.4 | 40.2 | 31.7 | 1.0 | 1.5 | 154.8 | 11.6 | 166.4 | W | 6.9 |
| April | 304.9 | 0.4 | 40.1 | 25.1 | 0.5 | 0.4 | 160.9 | 7.7 | 168.6 | W | 9.3 |
| May | 309.2 | 0.5 | 39.7 | 24.8 | 0.8 | 0.1 | 161.0 | 5.8 | 166.8 | W | 7.4 |
| June | 307.8 | 0.4 | 42.5 | 26.2 | 1.2 | 0.1 | 168.8 | 5.0 | 173.8 | W | 7.7 |
| July | 307.7 | 0.6 | 44.6 | 27.6 | 1.6 | 0.1 | 161.1 | 4.7 | 165.8 | W | 6.5 |
| August | 314.8 | 0.5 | 44.8 | 27.0 | 0.8 | 0.2 | 165.8 | 7.2 | 173.0 | W | 8.4 |
| September | 302.1 | 0.5 | 44.3 | 27.7 | 1.2 | 0.4 | 160.3 | 4.1 | 164.5 | W | 7.5 |
| October | 305.3 | 0.5 | 40.6 | 29.5 | 1.1 | 1.3 | 168.6 | 6.2 | 174.8 | W | 7.7 |
| November | 299.3 | 0.4 | R39.8 | R38.2 | 1.3 | 2.7 | R166.8 | 12.8 | R179.5 | W | R7.2 |
| December | 294.7 | 0.3 | 41.7 | 39.8 | 1.4 | 2.6 | 156.0 | 14.6 | 170.6 | W | 6.3 |

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

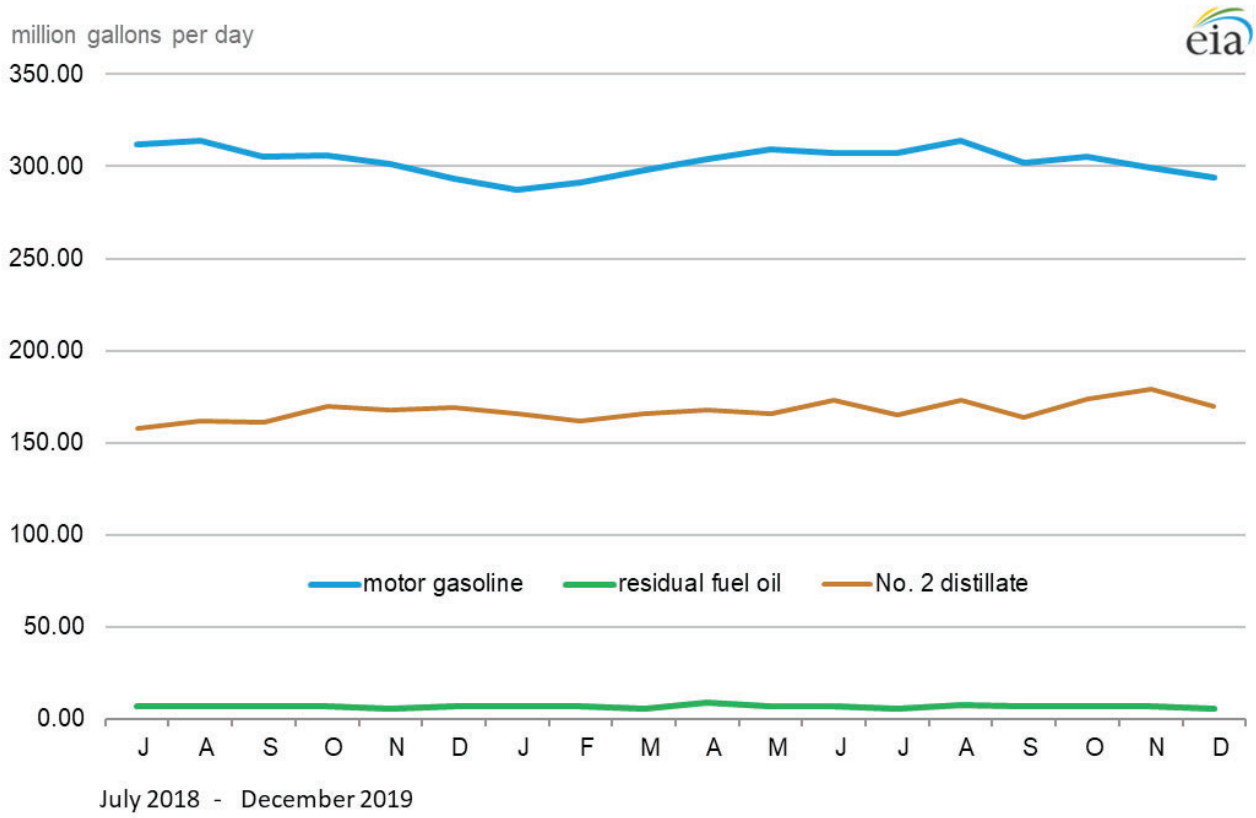
R = Revised data.

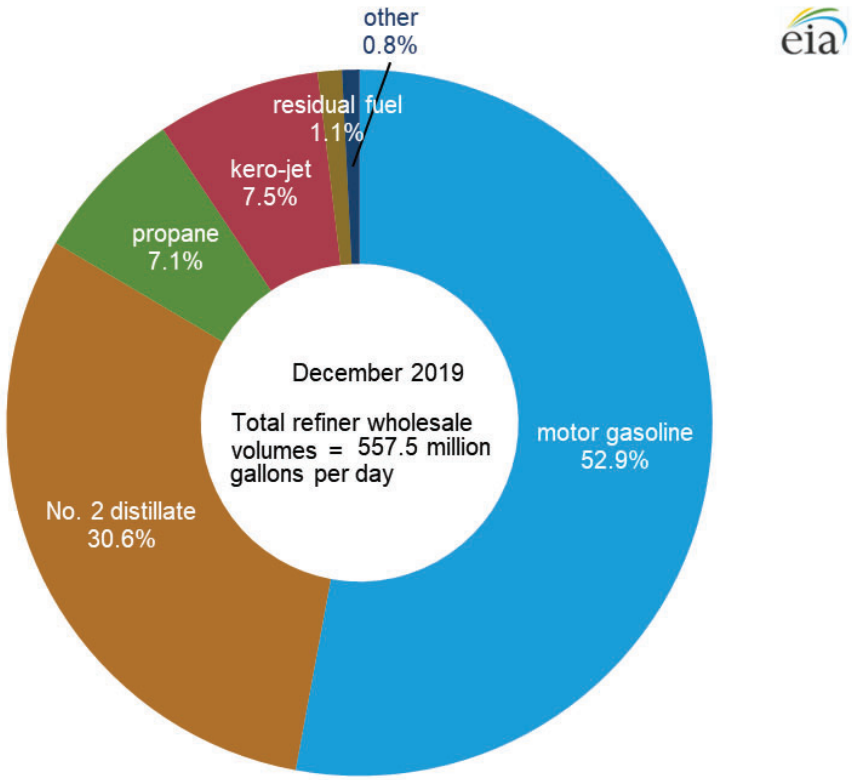
[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

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 2018 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** | | | | | | | | | | | | |
| January | 2.039 | 2.037 | 2.066 | 1.791 | 1.803 | 1.810 | 2.330 | 2.328 | 2.227 | 1.953 | - | 1.986 |
| February | 2.049 | 2.047 | 2.153 | 1.750 | 1.838 | 1.782 | 2.389 | 2.386 | 2.302 | 1.924 | - | 1.970 |
| March | 2.080 | 2.078 | 2.248 | 1.820 | 1.805 | 1.846 | 2.419 | 2.417 | 2.415 | 1.997 | - | 2.047 |
| April | 2.241 | 2.239 | 2.411 | 1.985 | 1.945 | 2.010 | 2.556 | 2.554 | 2.560 | 2.167 | - | 2.214 |
| May | 2.422 | 2.419 | 2.549 | 2.140 | 2.090 | 2.162 | 2.736 | 2.733 | 2.680 | 2.319 | - | 2.358 |
| June | 2.395 | 2.392 | 2.502 | 2.065 | 2.063 | 2.092 | 2.723 | 2.721 | 2.612 | 2.253 | - | 2.291 |
| July | 2.369 | 2.367 | 2.446 | 2.084 | 2.053 | 2.105 | 2.679 | 2.677 | 2.580 | 2.271 | - | 2.305 |
| August | 2.348 | 2.345 | 2.402 | 2.053 | 2.046 | 2.075 | 2.662 | 2.661 | 2.546 | 2.237 | - | 2.270 |
| September | 2.352 | 2.349 | 2.479 | 2.069 | 2.046 | 2.093 | 2.679 | 2.678 | 2.631 | 2.254 | - | 2.296 |
| October | 2.361 | 2.357 | 2.592 | 2.005 | 2.060 | 2.046 | 2.725 | 2.723 | 2.725 | 2.202 | - | 2.261 |
| November | 2.117 | 2.113 | 2.320 | 1.643 | 1.679 | 1.688 | 2.534 | 2.532 | 2.435 | 1.833 | - | 1.899 |
| December | 1.881 | 1.878 | 2.087 | 1.425 | 1.459 | 1.469 | 2.300 | 2.299 | 2.225 | 1.611 | - | 1.681 |
| **2018** | 2.225 | 2.222 | 2.359 | 1.907 | 1.923 | 1.937 | 2.565 | 2.563 | 2.498 | 2.098 | - | 2.143 |
| **2019** | | | | | | | | | | | | |
| January | 1.766 | 1.762 | 1.984 | 1.405 | 1.407 | 1.441 | 2.158 | 2.157 | 2.138 | 1.584 | - | 1.644 |
| February | 1.869 | 1.865 | 2.034 | 1.555 | 1.499 | 1.582 | 2.214 | 2.213 | 2.230 | 1.728 | - | 1.783 |
| March | 2.059 | 2.056 | 2.212 | 1.820 | 1.729 | 1.839 | 2.392 | 2.391 | 2.381 | 1.993 | - | 2.034 |
| April | 2.405 | 2.402 | 2.685 | 2.052 | 2.026 | 2.091 | 2.769 | 2.767 | 2.835 | 2.246 | - | 2.306 |
| May | 2.438 | 2.432 | 2.711 | 2.020 | 1.983 | 2.061 | 2.825 | 2.822 | 2.840 | 2.211 | - | 2.268 |
| June | 2.284 | 2.277 | 2.456 | 1.822 | 1.771 | 1.860 | 2.665 | 2.662 | 2.604 | 2.014 | - | 2.066 |
| July | 2.300 | 2.294 | 2.378 | 1.906 | 1.835 | 1.933 | 2.640 | 2.637 | 2.565 | 2.113 | - | 2.150 |
| August | 2.170 | 2.163 | 2.271 | 1.736 | 1.703 | 1.769 | 2.541 | 2.539 | 2.467 | 1.946 | - | 1.988 |
| September | 2.152 | 2.147 | 2.399 | 1.762 | 1.705 | 1.800 | 2.553 | 2.549 | 2.611 | 1.984 | - | 2.042 |
| October | 2.192 | 2.185 | 2.669 | 1.763 | 1.668 | 1.816 | 2.662 | 2.656 | 2.874 | 1.988 | - | 2.071 |
| November | 2.137 | 2.131 | 2.480 | 1.725 | 1.629 | 1.768 | 2.575 | 2.569 | 2.658 | 1.948 | - | 2.019 |
| December | 2.099 | 2.093 | 2.216 | 1.682 | 1.608 | 1.712 | 2.484 | 2.481 | 2.409 | 1.868 | - | 1.921 |

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** | | | | | | | | | | | | |
| January | 2.552 | 2.547 | 2.328 | 2.115 | 1.992 | 2.136 | 2.111 | 2.108 | 2.125 | 1.827 | 1.824 | 1.849 |
| February | 2.619 | 2.614 | 2.413 | 2.087 | 1.982 | 2.126 | 2.130 | 2.127 | 2.211 | 1.787 | 1.851 | 1.823 |
| March | 2.649 | 2.644 | 2.523 | 2.166 | 2.013 | 2.206 | 2.162 | 2.160 | 2.307 | 1.859 | 1.821 | 1.889 |
| April | 2.787 | 2.783 | 2.663 | 2.342 | 2.189 | 2.376 | 2.317 | 2.315 | 2.467 | 2.026 | 1.969 | 2.054 |
| May | 2.952 | 2.945 | 2.789 | 2.492 | 2.315 | 2.521 | 2.498 | 2.494 | 2.602 | 2.181 | 2.108 | 2.205 |
| June | 2.940 | 2.933 | 2.726 | 2.420 | 2.226 | 2.444 | 2.473 | 2.469 | 2.551 | 2.105 | 2.083 | 2.135 |
| July | 2.897 | 2.891 | 2.687 | 2.434 | 2.255 | 2.455 | 2.445 | 2.442 | 2.499 | 2.125 | 2.076 | 2.148 |
| August | 2.881 | 2.874 | 2.652 | 2.397 | 2.215 | 2.421 | 2.424 | 2.421 | 2.457 | 2.093 | 2.065 | 2.118 |
| September | 2.897 | 2.891 | 2.740 | 2.410 | 2.263 | 2.446 | 2.431 | 2.428 | 2.537 | 2.108 | 2.065 | 2.136 |
| October | 2.962 | 2.954 | 2.840 | 2.361 | 2.249 | 2.419 | 2.445 | 2.441 | 2.647 | 2.045 | 2.080 | 2.090 |
| November | 2.764 | 2.755 | 2.542 | 1.998 | 1.825 | 2.062 | 2.210 | 2.205 | 2.369 | 1.683 | 1.694 | 1.732 |
| December | 2.534 | 2.526 | 2.321 | 1.766 | 1.594 | 1.832 | 1.977 | 1.973 | 2.140 | 1.464 | 1.476 | 1.514 |
| **2018** | 2.790 | 2.784 | 2.605 | 2.256 | 2.105 | 2.293 | 2.306 | 2.303 | 2.413 | 1.947 | 1.942 | 1.980 |
| **2019** | | | | | | | | | | | | |
| January | 2.401 | 2.394 | 2.232 | 1.734 | 1.548 | 1.786 | 1.858 | 1.854 | 2.040 | 1.442 | 1.424 | 1.483 |
| February | 2.447 | 2.440 | 2.312 | 1.877 | 1.721 | 1.925 | 1.954 | 1.949 | 2.097 | 1.591 | 1.527 | 1.624 |
| March | 2.621 | 2.615 | 2.484 | 2.148 | 2.011 | 2.187 | 2.141 | 2.137 | 2.272 | 1.857 | 1.755 | 1.881 |
| April | 3.012 | 3.004 | 2.957 | 2.417 | 2.325 | 2.483 | 2.492 | 2.487 | 2.744 | 2.093 | 2.059 | 2.138 |
| May | 3.068 | 3.052 | 2.967 | 2.401 | 2.240 | 2.465 | 2.527 | 2.520 | 2.765 | 2.064 | 2.009 | 2.110 |
| June | 2.904 | 2.887 | 2.719 | 2.199 | 1.995 | 2.255 | 2.374 | 2.366 | 2.513 | 1.866 | 1.802 | 1.909 |
| July | 2.876 | 2.861 | 2.664 | 2.297 | 2.182 | 2.337 | 2.383 | 2.375 | 2.441 | 1.952 | 1.882 | 1.984 |
| August | 2.779 | 2.764 | 2.555 | 2.126 | 1.970 | 2.173 | 2.259 | 2.252 | 2.334 | 1.782 | 1.739 | 1.820 |
| September | 2.792 | 2.777 | 2.705 | 2.164 | 2.096 | 2.229 | 2.249 | 2.242 | 2.467 | 1.809 | 1.752 | 1.854 |
| October | 2.921 | 2.901 | 2.968 | 2.175 | 2.021 | 2.265 | 2.297 | 2.289 | 2.733 | 1.811 | 1.713 | 1.871 |
| November | 2.837 | 2.820 | 2.757 | 2.118 | 1.949 | 2.189 | 2.236 | 2.229 | 2.539 | 1.770 | 1.668 | R1.819 |
| December | 2.728 | 2.711 | 2.499 | 2.024 | 1.835 | 2.073 | 2.188 | 2.181 | 2.278 | 1.722 | 1.637 | 1.757 |

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 2018 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** | | | | | | | | | | | | |
| January | 18.5 | 18.7 | 15.9 | 215.9 | 16.4 | 248.3 | 1.5 | 1.5 | 0.2 | 1.7 | - | 2.0 |
| February | 19.2 | 19.5 | 16.8 | 224.3 | 18.9 | 260.1 | 1.6 | 1.6 | 0.2 | 1.8 | - | 2.0 |
| March | 19.7 | 20.0 | 17.3 | 231.3 | 20.4 | 269.0 | 1.7 | 1.7 | 0.2 | 1.8 | - | 2.1 |
| April | 19.6 | 19.8 | 17.5 | 231.0 | 20.6 | 269.0 | 1.6 | 1.6 | 0.3 | 1.9 | - | 2.1 |
| May | 19.8 | 20.1 | 17.3 | 240.2 | 21.5 | 279.0 | 1.7 | 1.7 | 0.2 | 2.0 | - | 2.2 |
| June | 20.5 | 20.8 | 17.4 | 242.1 | 20.4 | 279.8 | 1.7 | 1.7 | 0.2 | 2.0 | - | 2.2 |
| July | 20.0 | 20.3 | 17.3 | 237.2 | 18.3 | 272.7 | 1.7 | 1.7 | 0.2 | 2.0 | - | 2.2 |
| August | 20.7 | 21.0 | 17.6 | 241.8 | 15.5 | 275.0 | 1.7 | 1.7 | 0.2 | 2.0 | - | 2.2 |
| September | 19.8 | 20.1 | 17.1 | 230.0 | 20.7 | 267.8 | 1.7 | 1.7 | 0.2 | 1.8 | - | 2.0 |
| October | 20.3 | 20.6 | 17.0 | 236.1 | 15.9 | 269.0 | 1.7 | 1.7 | 0.2 | 1.7 | - | 1.9 |
| November | 20.2 | 20.5 | 16.7 | 233.2 | 15.2 | 265.1 | 1.7 | 1.7 | 0.2 | 1.7 | - | 1.9 |
| December | 19.8 | 20.0 | 16.6 | 227.2 | 13.5 | 257.2 | 1.6 | 1.6 | 0.2 | 1.6 | - | 1.8 |
| **2018** | 19.9 | 20.1 | 17.0 | 232.6 | 18.1 | 267.7 | 1.6 | 1.7 | 0.2 | 1.8 | - | 2.1 |
| **2019** | | | | | | | | | | | | |
| January | 19.0 | 19.2 | 15.6 | 218.2 | 17.8 | 251.6 | 1.6 | 1.6 | 0.2 | 1.5 | - | 1.7 |
| February | 19.2 | 19.5 | 16.4 | 222.8 | 15.9 | 255.2 | 1.6 | 1.6 | 0.2 | 1.5 | - | 1.7 |
| March | 19.9 | 20.1 | 16.8 | 229.8 | 15.1 | 261.7 | 1.7 | 1.7 | 0.2 | 1.6 | - | 1.8 |
| April | 19.8 | 20.0 | 17.0 | 235.7 | 14.8 | 267.5 | 1.7 | 1.7 | 0.2 | 1.6 | - | 1.8 |
| May | 20.2 | 20.6 | 16.9 | 239.7 | 14.3 | 270.9 | 1.6 | 1.6 | 0.2 | 1.8 | - | 2.0 |
| June | 20.3 | 20.7 | 17.1 | 240.7 | 10.9 | 268.7 | 1.7 | 1.7 | 0.2 | 1.8 | - | 2.0 |
| July | 20.2 | 20.6 | 16.7 | 241.4 | 10.1 | 268.1 | 1.7 | 1.7 | 0.2 | 1.8 | - | 2.0 |
| August | 21.0 | 21.4 | 17.3 | 245.9 | 11.1 | 274.2 | 1.7 | 1.7 | 0.2 | 1.8 | - | 2.0 |
| September | 19.5 | 19.8 | 16.8 | 235.0 | 11.6 | 263.3 | 1.6 | 1.6 | 0.2 | 1.6 | - | 1.8 |
| October | 19.6 | 20.0 | 16.7 | 239.0 | 11.4 | 267.1 | 1.6 | 1.6 | 0.2 | 1.5 | - | 1.7 |
| November | 19.6 | 19.9 | 16.4 | 234.0 | 11.6 | 262.0 | 1.6 | 1.6 | 0.2 | 1.4 | - | 1.6 |
| December | 19.1 | 19.4 | 16.2 | 227.9 | 13.3 | 257.4 | 1.5 | 1.6 | 0.2 | 1.4 | - | 1.6 |

See footnotes at end of table.

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

million gallons per day

| | 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** | | | | | | | | | | | | |
| January | 2.3 | 2.3 | 4.5 | 26.3 | 2.0 | 32.8 | 22.3 | 22.5 | 20.7 | 244.0 | 18.4 | 283.1 |
| February | 2.3 | 2.3 | 4.7 | 27.3 | 2.0 | 34.0 | 23.1 | 23.4 | 21.8 | 253.4 | 20.8 | 296.0 |
| March | 2.4 | 2.5 | 4.7 | 28.7 | 1.7 | 35.2 | 23.8 | 24.1 | 22.3 | 261.9 | 22.1 | 306.3 |
| April | 2.4 | 2.4 | 4.9 | 28.7 | 2.2 | 35.8 | 23.5 | 23.8 | 22.6 | 261.5 | 22.8 | 306.9 |
| May | 2.5 | 2.5 | 4.8 | 30.5 | 1.9 | 37.2 | 24.0 | 24.3 | 22.3 | 272.7 | 23.4 | 318.4 |
| June | 2.5 | 2.6 | 4.8 | 29.9 | 2.8 | 37.5 | 24.7 | 25.1 | 22.4 | 273.9 | 23.2 | 319.5 |
| July | 2.5 | 2.5 | 4.8 | 30.0 | 2.3 | 37.1 | 24.2 | 24.6 | 22.3 | 269.2 | 20.6 | 312.1 |
| August | 2.6 | 2.6 | 4.9 | 30.5 | 2.0 | 37.3 | 25.0 | 25.4 | 22.8 | 274.2 | 17.5 | 314.5 |
| September | 2.5 | 2.5 | 4.8 | 28.9 | 1.9 | 35.6 | 24.0 | 24.4 | 22.1 | 260.7 | 22.6 | 305.4 |
| October | 2.4 | 2.4 | 4.7 | 28.6 | 1.9 | 35.2 | 24.3 | 24.7 | 21.9 | 266.4 | 17.9 | 306.2 |
| November | 2.4 | 2.4 | 4.7 | 28.5 | 1.7 | 34.9 | 24.3 | 24.6 | 21.5 | 263.4 | 16.9 | 301.8 |
| December | 2.5 | 2.5 | 4.7 | 28.2 | 1.9 | 34.9 | 23.9 | 24.2 | 21.5 | 257.0 | 15.4 | 293.9 |
| **2018** | 2.4 | 2.5 | 4.7 | 28.8 | 2.0 | 35.6 | 23.9 | 24.3 | 22.0 | 263.3 | 20.1 | 305.4 |
| **2019** | | | | | | | | | | | | |
| January | 2.4 | 2.4 | 4.4 | 27.0 | 2.4 | 33.9 | 22.9 | 23.2 | 20.3 | 246.7 | 20.2 | 287.2 |
| February | 2.4 | 2.5 | 4.6 | 27.7 | 2.3 | 34.7 | 23.2 | 23.6 | 21.3 | 252.1 | 18.2 | 291.6 |
| March | 2.5 | 2.5 | 4.6 | 28.5 | 1.5 | 34.6 | 24.0 | 24.3 | 21.6 | 259.9 | 16.6 | 298.1 |
| April | 2.4 | 2.4 | 4.6 | 29.2 | 1.8 | 35.6 | 23.8 | 24.1 | 21.9 | 266.5 | 16.6 | 304.9 |
| May | 2.4 | 2.5 | 4.5 | 30.1 | 1.6 | 36.3 | 24.3 | 24.7 | 21.7 | 271.7 | 15.9 | 309.2 |
| June | 2.5 | 2.6 | 4.7 | 30.7 | 1.8 | 37.2 | 24.5 | 24.9 | 21.9 | 273.2 | 12.6 | 307.8 |
| July | 2.5 | 2.6 | 4.6 | 31.4 | 1.6 | 37.6 | 24.4 | 24.8 | 21.5 | 274.6 | 11.6 | 307.7 |
| August | 2.7 | 2.7 | 4.8 | 32.0 | 1.8 | 38.6 | 25.4 | 25.9 | 22.3 | 279.7 | 12.8 | 314.8 |
| September | 2.5 | 2.6 | 4.7 | 30.8 | 1.6 | 37.0 | 23.6 | 24.1 | 21.6 | 267.4 | 13.1 | 302.1 |
| October | 2.4 | 2.4 | 4.5 | 30.4 | 1.7 | 36.5 | 23.6 | 24.0 | 21.3 | 270.9 | 13.0 | 305.3 |
| November | 2.3 | 2.4 | 4.4 | 29.7 | 1.6 | 35.7 | 23.5 | 23.9 | 21.0 | 265.1 | 13.2 | 299.3 |
| December | 2.3 | 2.4 | 4.4 | 29.3 | 1.9 | 35.7 | 23.0 | 23.4 | 20.8 | 258.6 | 15.2 | 294.7 |

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 2018 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** | | | | | | | | | | | | |
| January | 1.965 | 1.963 | 1.888 | 1.776 | 1.783 | 1.779 | 2.203 | 2.201 | 2.087 | 1.945 | - | 1.954 |
| February | 1.949 | 1.948 | 1.934 | 1.732 | 1.827 | 1.744 | 2.218 | 2.216 | 2.151 | 1.912 | - | 1.928 |
| March | 1.974 | 1.973 | 2.051 | 1.791 | 1.776 | 1.795 | 2.235 | 2.233 | 2.253 | 1.972 | - | 1.990 |
| April | 2.148 | 2.148 | 2.232 | 1.956 | 1.915 | 1.957 | 2.411 | 2.408 | 2.436 | 2.147 | - | 2.165 |
| May | 2.331 | 2.328 | 2.385 | 2.106 | 2.067 | 2.107 | 2.597 | 2.592 | 2.579 | 2.300 | - | 2.316 |
| June | 2.298 | 2.295 | 2.340 | 2.036 | 2.044 | 2.042 | 2.579 | 2.576 | 2.532 | 2.246 | - | 2.261 |
| July | 2.286 | 2.284 | 2.288 | 2.063 | 2.027 | 2.065 | 2.550 | 2.548 | 2.458 | 2.270 | - | 2.281 |
| August | 2.267 | 2.264 | 2.235 | 2.038 | 2.025 | 2.041 | 2.536 | 2.535 | 2.442 | 2.244 | - | 2.254 |
| September | 2.265 | 2.263 | 2.271 | 2.054 | 2.028 | 2.056 | 2.537 | 2.536 | 2.485 | 2.252 | - | 2.266 |
| October | 2.249 | 2.247 | 2.358 | 1.989 | 2.042 | 1.999 | 2.540 | 2.538 | 2.586 | 2.190 | - | 2.213 |
| November | 1.984 | 1.982 | 2.115 | 1.628 | 1.655 | 1.639 | 2.314 | 2.312 | 2.383 | 1.824 | - | 1.855 |
| December | 1.731 | 1.729 | 1.880 | 1.394 | 1.437 | 1.406 | 2.047 | 2.047 | 2.150 | 1.579 | - | 1.612 |
| **2018** | 2.123 | 2.122 | 2.167 | 1.885 | 1.903 | 1.892 | 2.401 | 2.399 | 2.378 | 2.087 | - | 2.104 |
| **2019** | | | | | | | | | | | | |
| January | 1.623 | 1.621 | 1.728 | 1.369 | 1.383 | 1.377 | 1.911 | 1.912 | 2.002 | 1.545 | - | 1.569 |
| February | 1.755 | 1.751 | 1.733 | 1.521 | 1.458 | 1.520 | 2.003 | 2.004 | 2.025 | 1.685 | - | 1.702 |
| March | 1.954 | 1.952 | 1.954 | 1.788 | 1.687 | 1.784 | 2.210 | 2.210 | 2.181 | 1.962 | - | 1.973 |
| April | 2.248 | 2.245 | 2.320 | 1.995 | 1.963 | 1.999 | 2.505 | 2.504 | 2.504 | 2.186 | - | 2.201 |
| May | 2.263 | 2.260 | 2.389 | 1.968 | 1.926 | 1.973 | 2.546 | 2.544 | 2.579 | 2.171 | - | 2.187 |
| June | 2.122 | 2.118 | 2.141 | 1.781 | 1.729 | 1.786 | 2.408 | 2.406 | 2.341 | 1.990 | - | 2.003 |
| July | 2.177 | 2.172 | 2.118 | 1.872 | 1.787 | 1.873 | 2.436 | 2.434 | 2.338 | 2.101 | - | 2.109 |
| August | 2.038 | 2.034 | 2.007 | 1.708 | 1.671 | 1.712 | 2.310 | 2.308 | 2.254 | 1.931 | - | 1.940 |
| September | 2.030 | 2.026 | 2.044 | 1.728 | 1.633 | 1.729 | 2.313 | 2.310 | 2.316 | 1.942 | - | 1.956 |
| October | 2.024 | 2.020 | 2.203 | 1.722 | 1.591 | 1.724 | 2.322 | 2.315 | 2.486 | 1.933 | - | 1.954 |
| November | 1.972 | 1.969 | 2.082 | 1.698 | 1.587 | R1.698 | 2.282 | 2.275 | 2.359 | 1.917 | - | 1.935 |
| December | 1.984 | 1.980 | 1.932 | 1.659 | W | 1.659 | 2.280 | 2.275 | W | 1.846 | - | 1.861 |

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** | | | | | | | | | | | | |
| January | 2.479 | 2.468 | 2.118 | 2.121 | 1.956 | 2.106 | 2.010 | 2.009 | 1.931 | 1.809 | 1.801 | 1.811 |
| February | 2.493 | 2.482 | 2.176 | 2.086 | 1.943 | 2.078 | 1.997 | 1.996 | 1.980 | 1.766 | 1.838 | 1.777 |
| March | 2.510 | 2.502 | 2.298 | 2.154 | 1.954 | 2.146 | 2.022 | 2.021 | 2.097 | 1.827 | 1.789 | 1.829 |
| April | 2.683 | 2.676 | 2.484 | 2.337 | 2.141 | 2.325 | 2.197 | 2.196 | 2.278 | 1.993 | 1.936 | 1.994 |
| May | 2.867 | 2.852 | 2.632 | 2.487 | 2.273 | 2.476 | 2.380 | 2.377 | 2.431 | 2.145 | 2.083 | 2.145 |
| June | 2.848 | 2.832 | 2.570 | 2.425 | 2.201 | 2.404 | 2.348 | 2.345 | 2.383 | 2.074 | 2.064 | 2.079 |
| July | 2.828 | 2.814 | 2.522 | 2.439 | 2.224 | 2.422 | 2.335 | 2.333 | 2.332 | 2.102 | 2.050 | 2.102 |
| August | 2.814 | 2.798 | 2.477 | 2.418 | 2.185 | 2.403 | 2.317 | 2.314 | 2.280 | 2.077 | 2.043 | 2.079 |
| September | 2.810 | 2.796 | 2.526 | 2.420 | 2.222 | 2.409 | 2.315 | 2.313 | 2.318 | 2.091 | 2.042 | 2.091 |
| October | 2.823 | 2.806 | 2.617 | 2.366 | 2.188 | 2.363 | 2.300 | 2.297 | 2.406 | 2.025 | 2.056 | 2.035 |
| November | 2.583 | 2.565 | 2.373 | 2.010 | 1.778 | 2.007 | 2.038 | 2.035 | 2.164 | 1.665 | 1.667 | 1.675 |
| December | 2.322 | 2.306 | 2.133 | 1.745 | 1.533 | 1.744 | 1.784 | 1.782 | 1.930 | 1.428 | 1.449 | 1.440 |
| **2018** | 2.676 | 2.663 | 2.413 | 2.260 | 2.066 | 2.249 | 2.173 | 2.171 | 2.213 | 1.922 | 1.919 | 1.928 |
| **2019** | | | | | | | | | | | | |
| January | 2.192 | 2.179 | 1.961 | 1.704 | 1.493 | 1.691 | 1.674 | 1.672 | 1.772 | 1.402 | 1.396 | 1.409 |
| February | 2.279 | 2.266 | 1.982 | 1.842 | 1.666 | 1.831 | 1.801 | 1.798 | 1.781 | 1.552 | 1.483 | 1.552 |
| March | 2.483 | 2.472 | 2.207 | 2.125 | 1.955 | 2.118 | 2.002 | 1.999 | 2.001 | 1.821 | 1.709 | 1.817 |
| April | 2.781 | 2.768 | 2.575 | 2.359 | 2.227 | 2.357 | 2.295 | 2.292 | 2.366 | 2.030 | 1.991 | 2.035 |
| May | 2.821 | 2.803 | 2.661 | 2.353 | 2.160 | 2.352 | 2.314 | 2.311 | 2.438 | 2.007 | 1.951 | 2.012 |
| June | 2.697 | 2.674 | 2.395 | 2.169 | 1.936 | 2.162 | 2.175 | 2.170 | 2.187 | 1.821 | 1.759 | 1.826 |
| July | 2.726 | 2.706 | 2.387 | 2.279 | 2.143 | 2.275 | 2.227 | 2.222 | 2.168 | 1.915 | 1.834 | 1.917 |
| August | 2.601 | 2.580 | 2.275 | 2.114 | 1.908 | 2.107 | 2.091 | 2.086 | 2.057 | 1.750 | 1.703 | 1.755 |
| September | 2.607 | 2.586 | 2.333 | 2.134 | 2.011 | 2.135 | 2.085 | 2.080 | 2.098 | 1.771 | 1.676 | 1.773 |
| October | 2.608 | 2.586 | 2.509 | 2.130 | 1.890 | 2.129 | 2.076 | 2.071 | 2.259 | 1.763 | 1.626 | 1.766 |
| November | 2.568 | 2.547 | 2.353 | 2.095 | 1.876 | 2.091 | 2.026 | 2.022 | 2.132 | 1.737 | 1.618 | R1.738 |
| December | 2.552 | 2.527 | 2.176 | W | 1.796 | 1.994 | 2.035 | 2.030 | 1.978 | 1.694 | W | 1.694 |

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 sytem. 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 2018 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** | | | | | | | | | | | | |
| January | 12.2 | 12.4 | 3.5 | 153.8 | 13.7 | 171.0 | 0.7 | 0.7 | 0.1 | 1.2 | - | 1.3 |
| February | 12.8 | 13.0 | 3.6 | 159.4 | 15.6 | 178.6 | 0.7 | 0.7 | 0.1 | 1.2 | - | 1.3 |
| March | 13.0 | 13.2 | 3.7 | 165.6 | 17.0 | 186.2 | 0.8 | 0.8 | 0.1 | 1.3 | - | 1.4 |
| April | 12.8 | 13.0 | 3.6 | 165.1 | 17.8 | 186.4 | 0.7 | 0.8 | 0.1 | 1.3 | - | 1.4 |
| May | 12.9 | 13.2 | 3.5 | 172.6 | 18.7 | 194.9 | 0.7 | 0.8 | 0.1 | 1.4 | - | 1.5 |
| June | 13.4 | 13.7 | 3.6 | 174.3 | 17.4 | 195.4 | 0.8 | 0.8 | 0.1 | 1.4 | - | 1.5 |
| July | 13.0 | 13.2 | 3.7 | 171.6 | 14.7 | 189.9 | 0.7 | 0.8 | 0.1 | 1.4 | - | 1.5 |
| August | 13.5 | 13.8 | 3.7 | 174.3 | 12.3 | 190.3 | 0.8 | 0.8 | 0.1 | 1.4 | - | 1.5 |
| September | 12.9 | 13.2 | 3.5 | 164.7 | 18.0 | 186.2 | 0.7 | 0.8 | 0.1 | 1.3 | - | 1.4 |
| October | 13.2 | 13.5 | 3.5 | 170.0 | 13.7 | 187.1 | 0.7 | 0.7 | 0.1 | 1.2 | - | 1.3 |
| November | 13.4 | 13.6 | 3.4 | 167.7 | 12.9 | 184.0 | 0.7 | 0.8 | 0.1 | 1.2 | - | 1.3 |
| December | 12.9 | 13.2 | 3.4 | 162.8 | 10.8 | 177.0 | 0.7 | 0.7 | 0.1 | 1.2 | - | 1.2 |
| **2018** | 13.0 | 13.3 | 3.5 | 166.9 | 15.2 | 185.6 | 0.7 | 0.8 | 0.1 | 1.3 | - | 1.4 |
| **2019** | | | | | | | | | | | | |
| January | 12.4 | 12.7 | 3.2 | 155.9 | 14.8 | 173.9 | 0.7 | 0.7 | 0.1 | 1.1 | - | 1.2 |
| February | 12.6 | 12.9 | 3.3 | 159.1 | 13.0 | 175.3 | 0.7 | 0.7 | 0.1 | 1.1 | - | 1.2 |
| March | 13.0 | 13.3 | 3.5 | 166.0 | 12.3 | 181.9 | 0.7 | 0.7 | 0.1 | 1.2 | - | 1.2 |
| April | 13.0 | 13.3 | 3.5 | 169.9 | 12.3 | 185.7 | 0.7 | 0.7 | 0.1 | 1.2 | - | 1.3 |
| May | 13.4 | 13.7 | 3.5 | 173.2 | 11.2 | 187.9 | 0.7 | 0.8 | 0.1 | 1.4 | - | 1.4 |
| June | 13.3 | 13.6 | 3.5 | 173.5 | 8.0 | 185.0 | 0.7 | 0.8 | 0.1 | 1.3 | - | 1.4 |
| July | 13.3 | 13.6 | 3.6 | 175.5 | 7.7 | 186.8 | 0.7 | 0.8 | 0.0 | 1.4 | - | 1.4 |
| August | 13.9 | 14.2 | 3.6 | 177.6 | 8.6 | 189.8 | 0.8 | 0.8 | 0.0 | 1.3 | - | 1.4 |
| September | 13.0 | 13.3 | 3.4 | 168.5 | 9.2 | 181.0 | 0.7 | 0.7 | 0.0 | 1.2 | - | 1.2 |
| October | 13.2 | 13.6 | 3.4 | 172.7 | 9.7 | 185.9 | 0.7 | 0.7 | 0.0 | 1.1 | - | 1.2 |
| November | 13.0 | 13.3 | 3.3 | 168.6 | 10.2 | 182.1 | 0.7 | 0.7 | 0.0 | 1.1 | - | 1.1 |
| December | 12.6 | 12.8 | W | 164.6 | W | 179.6 | 0.7 | 0.7 | W | W | - | 1.1 |

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** | | | | | | | | | | | | |
| January | 0.9 | 0.9 | 0.7 | 15.9 | 1.7 | 18.3 | 13.8 | 14.1 | 4.3 | 170.9 | 15.4 | 190.6 |
| February | 0.9 | 0.9 | 0.7 | 16.5 | 1.6 | 18.8 | 14.4 | 14.7 | 4.4 | 177.1 | 17.2 | 198.8 |
| March | 1.0 | 1.0 | 0.8 | 17.6 | 1.3 | 19.7 | 14.7 | 15.0 | 4.5 | 184.4 | 18.3 | 207.3 |
| April | 0.9 | 1.0 | 0.7 | 17.5 | 1.8 | 20.1 | 14.5 | 14.7 | 4.4 | 184.0 | 19.6 | 208.0 |
| May | 1.0 | 1.0 | 0.7 | 19.0 | 1.6 | 21.4 | 14.6 | 14.9 | 4.4 | 193.0 | 20.4 | 217.8 |
| June | 1.0 | 1.0 | 0.8 | 18.5 | 2.5 | 21.8 | 15.1 | 15.4 | 4.4 | 194.3 | 19.9 | 218.6 |
| July | 1.0 | 1.0 | 0.8 | 18.9 | 1.9 | 21.7 | 14.7 | 15.0 | 4.5 | 191.9 | 16.6 | 213.1 |
| August | 1.0 | 1.0 | 0.8 | 19.1 | 1.5 | 21.4 | 15.3 | 15.6 | 4.5 | 194.8 | 13.9 | 213.2 |
| September | 1.0 | 1.0 | 0.7 | 17.8 | 1.5 | 20.0 | 14.6 | 14.9 | 4.3 | 183.8 | 19.5 | 207.5 |
| October | 0.9 | 1.0 | 0.7 | 17.6 | 1.5 | 19.8 | 14.9 | 15.2 | 4.3 | 188.9 | 15.1 | 208.3 |
| November | 0.9 | 1.0 | 0.7 | 17.4 | 1.4 | 19.5 | 15.1 | 15.4 | 4.2 | 186.3 | 14.3 | 204.8 |
| December | 0.9 | 1.0 | 0.7 | 17.1 | 1.5 | 19.4 | 14.6 | 14.9 | 4.2 | 181.1 | 12.3 | 197.7 |
| **2018** | 1.0 | 1.0 | 0.7 | 17.8 | 1.7 | 20.2 | 14.7 | 15.0 | 4.4 | 185.9 | 16.9 | 207.2 |
| **2019** | | | | | | | | | | | | |
| January | 0.9 | 0.9 | 0.7 | 16.4 | 2.0 | 19.0 | 14.0 | 14.3 | 3.9 | 173.4 | 16.8 | 194.1 |
| February | 0.9 | 1.0 | 0.7 | 16.7 | 1.8 | 19.2 | 14.2 | 14.5 | 4.0 | 176.8 | 14.8 | 195.7 |
| March | 1.0 | 1.0 | 0.7 | 17.5 | 1.1 | 19.3 | 14.7 | 15.0 | 4.3 | 184.7 | 13.4 | 202.4 |
| April | 1.0 | 1.0 | 0.7 | 17.9 | 1.5 | 20.1 | 14.7 | 15.0 | 4.3 | 189.1 | 13.7 | 207.1 |
| May | 1.0 | 1.0 | 0.7 | 18.7 | 1.3 | 20.8 | 15.1 | 15.4 | 4.3 | 193.3 | 12.5 | 210.1 |
| June | 1.0 | 1.1 | 0.8 | 19.1 | 1.4 | 21.2 | 15.1 | 15.5 | 4.3 | 194.0 | 9.3 | 207.6 |
| July | 1.0 | 1.1 | 0.8 | 19.9 | 1.2 | 21.9 | 15.1 | 15.4 | 4.4 | 196.8 | 8.9 | 210.1 |
| August | 1.1 | 1.1 | 0.8 | 20.0 | 1.3 | 22.2 | 15.8 | 16.2 | 4.5 | 198.9 | 9.9 | 213.4 |
| September | 1.0 | 1.1 | 0.7 | 19.0 | 1.2 | 20.9 | 14.8 | 15.1 | 4.2 | 188.7 | 10.3 | 203.2 |
| October | 1.0 | 1.0 | 0.7 | 18.8 | 1.3 | 20.8 | 15.0 | 15.3 | 4.2 | 192.6 | 11.0 | 207.9 |
| November | 0.9 | 1.0 | 0.7 | 18.0 | 1.2 | 20.0 | 14.7 | 15.0 | 4.1 | 187.7 | 11.4 | 203.2 |
| December | 0.9 | 0.9 | 0.7 | W | W | 20.3 | 14.2 | 14.5 | W | 183.7 | W | 201.1 |

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 2018 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** | | | | | | | | | | | | |
| January | 2.183 | 2.182 | 2.116 | 1.829 | 1.907 | 1.878 | 2.437 | 2.437 | 2.305 | 1.973 | - | 2.049 |
| February | 2.247 | 2.246 | 2.211 | 1.795 | 1.888 | 1.866 | 2.534 | 2.534 | 2.389 | 1.954 | - | 2.053 |
| March | 2.284 | 2.282 | 2.300 | 1.892 | 1.948 | 1.961 | 2.572 | 2.572 | 2.505 | 2.059 | - | 2.160 |
| April | 2.416 | 2.415 | 2.458 | 2.060 | 2.132 | 2.129 | 2.684 | 2.684 | 2.626 | 2.217 | - | 2.313 |
| May | 2.591 | 2.590 | 2.591 | 2.227 | 2.246 | 2.287 | 2.849 | 2.849 | 2.734 | 2.366 | - | 2.447 |
| June | 2.576 | 2.575 | 2.544 | 2.141 | 2.174 | 2.208 | 2.840 | 2.840 | 2.653 | 2.271 | - | 2.354 |
| July | 2.522 | 2.522 | 2.489 | 2.141 | 2.160 | 2.199 | 2.781 | 2.781 | 2.641 | 2.272 | - | 2.355 |
| August | 2.500 | 2.499 | 2.446 | 2.093 | 2.127 | 2.153 | 2.764 | 2.764 | 2.600 | 2.220 | - | 2.301 |
| September | 2.512 | 2.511 | 2.532 | 2.106 | 2.171 | 2.179 | 2.791 | 2.791 | 2.708 | 2.259 | - | 2.360 |
| October | 2.569 | 2.568 | 2.652 | 2.048 | 2.167 | 2.152 | 2.873 | 2.873 | 2.799 | 2.233 | - | 2.361 |
| November | 2.375 | 2.373 | 2.373 | 1.682 | 1.813 | 1.799 | 2.713 | 2.713 | 2.462 | 1.857 | - | 1.997 |
| December | 2.164 | 2.163 | 2.140 | 1.504 | 1.548 | 1.610 | 2.496 | 2.496 | 2.265 | 1.695 | - | 1.825 |
| **2018** | 2.417 | 2.416 | 2.409 | 1.964 | 2.029 | 2.039 | 2.699 | 2.699 | 2.562 | 2.126 | - | 2.224 |
| **2019** | | | | | | | | | | | | |
| January | 2.038 | 2.036 | 2.049 | 1.494 | 1.527 | 1.584 | 2.355 | 2.355 | 2.207 | 1.689 | - | 1.807 |
| February | 2.088 | 2.086 | 2.109 | 1.639 | 1.684 | 1.718 | 2.380 | 2.380 | 2.326 | 1.841 | - | 1.956 |
| March | 2.258 | 2.256 | 2.280 | 1.902 | 1.918 | 1.965 | 2.538 | 2.538 | 2.479 | 2.083 | - | 2.173 |
| April | 2.710 | 2.709 | 2.778 | 2.200 | 2.336 | 2.300 | 2.979 | 2.979 | 2.988 | 2.414 | - | 2.547 |
| May | 2.779 | 2.771 | 2.796 | 2.156 | 2.187 | 2.260 | 3.059 | 3.059 | 2.964 | 2.330 | - | 2.462 |
| June | 2.593 | 2.586 | 2.538 | 1.927 | 1.886 | 2.025 | 2.871 | 2.871 | 2.716 | 2.084 | - | 2.219 |
| July | 2.538 | 2.532 | 2.448 | 1.998 | 1.992 | 2.070 | 2.807 | 2.807 | 2.658 | 2.148 | - | 2.249 |
| August | 2.427 | 2.421 | 2.342 | 1.809 | 1.814 | 1.896 | 2.732 | 2.732 | 2.534 | 1.986 | - | 2.096 |
| September | 2.400 | 2.393 | 2.489 | 1.845 | 1.979 | 1.954 | 2.748 | 2.748 | 2.723 | 2.091 | - | 2.223 |
| October | 2.543 | 2.534 | 2.789 | 1.870 | 2.122 | 2.026 | 2.955 | 2.955 | 3.023 | 2.145 | - | 2.344 |
| November | 2.462 | 2.455 | 2.581 | 1.795 | 1.916 | 1.926 | 2.823 | 2.822 | 2.779 | 2.038 | - | 2.214 |
| December | 2.319 | 2.313 | 2.288 | 1.743 | W | 1.834 | 2.652 | 2.652 | W | 1.935 | - | 2.066 |

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** | | | | | | | | | | | | |
| January | 2.602 | 2.602 | 2.368 | 2.106 | 2.170 | 2.175 | 2.275 | 2.274 | 2.175 | 1.869 | 1.936 | 1.926 |
| February | 2.703 | 2.703 | 2.458 | 2.088 | 2.146 | 2.185 | 2.348 | 2.347 | 2.269 | 1.838 | 1.915 | 1.917 |
| March | 2.738 | 2.738 | 2.566 | 2.185 | 2.224 | 2.283 | 2.386 | 2.385 | 2.361 | 1.935 | 1.975 | 2.013 |
| April | 2.855 | 2.855 | 2.695 | 2.350 | 2.393 | 2.442 | 2.511 | 2.510 | 2.513 | 2.102 | 2.167 | 2.180 |
| May | 3.008 | 3.008 | 2.819 | 2.500 | 2.549 | 2.582 | 2.683 | 2.682 | 2.643 | 2.267 | 2.275 | 2.335 |
| June | 3.000 | 3.000 | 2.756 | 2.412 | 2.404 | 2.500 | 2.669 | 2.668 | 2.593 | 2.181 | 2.198 | 2.254 |
| July | 2.942 | 2.942 | 2.720 | 2.426 | 2.412 | 2.501 | 2.615 | 2.615 | 2.542 | 2.183 | 2.184 | 2.247 |
| August | 2.925 | 2.925 | 2.685 | 2.362 | 2.329 | 2.445 | 2.594 | 2.593 | 2.501 | 2.133 | 2.149 | 2.200 |
| September | 2.953 | 2.953 | 2.779 | 2.393 | 2.411 | 2.494 | 2.611 | 2.610 | 2.589 | 2.148 | 2.204 | 2.230 |
| October | 3.051 | 3.051 | 2.882 | 2.352 | 2.445 | 2.491 | 2.673 | 2.672 | 2.705 | 2.093 | 2.213 | 2.206 |
| November | 2.881 | 2.881 | 2.573 | 1.980 | 2.033 | 2.133 | 2.489 | 2.487 | 2.419 | 1.726 | 1.840 | 1.853 |
| December | 2.664 | 2.664 | 2.356 | 1.798 | 1.810 | 1.942 | 2.279 | 2.278 | 2.191 | 1.548 | 1.584 | 1.665 |
| **2018** | 2.864 | 2.864 | 2.641 | 2.249 | 2.277 | 2.351 | 2.516 | 2.515 | 2.463 | 2.006 | 2.058 | 2.090 |
| **2019** | | | | | | | | | | | | |
| January | 2.532 | 2.532 | 2.280 | 1.780 | 1.801 | 1.908 | 2.151 | 2.149 | 2.103 | 1.536 | 1.562 | 1.637 |
| February | 2.550 | 2.550 | 2.371 | 1.930 | 1.927 | 2.042 | 2.194 | 2.192 | 2.171 | 1.683 | 1.719 | 1.772 |
| March | 2.706 | 2.706 | 2.537 | 2.186 | 2.151 | 2.274 | 2.360 | 2.359 | 2.339 | 1.944 | 1.950 | 2.016 |
| April | 3.165 | 3.165 | 3.028 | 2.511 | 2.722 | 2.646 | 2.810 | 2.808 | 2.835 | 2.246 | 2.385 | 2.356 |
| May | 3.238 | 3.229 | 3.027 | 2.481 | 2.587 | 2.617 | 2.878 | 2.871 | 2.848 | 2.204 | 2.222 | 2.317 |
| June | 3.042 | 3.034 | 2.782 | 2.249 | 2.194 | 2.379 | 2.692 | 2.685 | 2.594 | 1.975 | 1.923 | 2.082 |
| July | 2.977 | 2.971 | 2.720 | 2.329 | 2.297 | 2.424 | 2.635 | 2.630 | 2.510 | 2.047 | 2.036 | 2.128 |
| August | 2.903 | 2.895 | 2.611 | 2.146 | 2.175 | 2.261 | 2.535 | 2.529 | 2.404 | 1.860 | 1.865 | 1.956 |
| September | 2.923 | 2.914 | 2.775 | 2.211 | 2.354 | 2.352 | 2.523 | 2.516 | 2.555 | 1.901 | 2.031 | 2.020 |
| October | 3.140 | 3.128 | 3.058 | 2.248 | 2.453 | 2.445 | 2.680 | 2.671 | 2.849 | 1.927 | 2.185 | 2.095 |
| November | 3.018 | 3.009 | 2.834 | 2.152 | 2.190 | 2.314 | 2.585 | 2.578 | 2.638 | 1.850 | 1.972 | 1.991 |
| December | 2.841 | 2.833 | 2.560 | W | W | 2.177 | 2.435 | 2.429 | 2.349 | 1.791 | W | 1.892 |

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 2018 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** | | | | | | | | | | | | |
| January | 6.3 | 6.3 | 12.5 | 62.1 | 2.7 | 77.3 | 0.8 | 0.8 | 0.2 | 0.5 | - | 0.7 |
| February | 6.5 | 6.5 | 13.3 | 64.9 | 3.3 | 81.4 | 0.9 | 0.9 | 0.2 | 0.5 | - | 0.7 |
| March | 6.8 | 6.8 | 13.7 | 65.8 | 3.4 | 82.8 | 0.9 | 0.9 | 0.2 | 0.5 | - | 0.7 |
| April | 6.8 | 6.8 | 13.9 | 65.9 | 2.8 | 82.6 | 0.9 | 0.9 | 0.2 | 0.5 | - | 0.7 |
| May | 6.9 | 7.0 | 13.8 | 67.6 | 2.8 | 84.1 | 0.9 | 0.9 | 0.2 | 0.6 | - | 0.7 |
| June | 7.2 | 7.2 | 13.8 | 67.8 | 3.0 | 84.5 | 0.9 | 0.9 | 0.2 | 0.6 | - | 0.7 |
| July | 7.1 | 7.1 | 13.6 | 65.6 | 3.6 | 82.8 | 0.9 | 0.9 | 0.2 | 0.6 | - | 0.7 |
| August | 7.2 | 7.2 | 14.0 | 67.5 | 3.2 | 84.7 | 1.0 | 1.0 | 0.2 | 0.6 | - | 0.7 |
| September | 7.0 | 7.0 | 13.6 | 65.3 | 2.7 | 81.7 | 0.9 | 0.9 | 0.1 | 0.5 | - | 0.7 |
| October | 7.1 | 7.1 | 13.5 | 66.1 | 2.3 | 81.9 | 0.9 | 0.9 | 0.1 | 0.5 | - | 0.6 |
| November | 6.9 | 6.9 | 13.2 | 65.5 | 2.3 | 81.0 | 0.9 | 0.9 | 0.1 | 0.5 | - | 0.6 |
| December | 6.9 | 6.9 | 13.2 | 64.4 | 2.7 | 80.2 | 0.9 | 0.9 | 0.1 | 0.4 | - | 0.6 |
| **2018** | 6.9 | 6.9 | 13.5 | 65.7 | 2.9 | 82.1 | 0.9 | 0.9 | 0.2 | 0.5 | - | 0.7 |
| **2019** | | | | | | | | | | | | |
| January | 6.5 | 6.5 | 12.5 | 62.3 | 3.0 | 77.7 | 0.9 | 0.9 | 0.1 | 0.4 | - | 0.5 |
| February | 6.6 | 6.6 | 13.2 | 63.8 | 2.9 | 79.8 | 0.9 | 0.9 | 0.1 | 0.4 | - | 0.5 |
| March | 6.8 | 6.9 | 13.2 | 63.8 | 2.8 | 79.8 | 0.9 | 0.9 | 0.1 | 0.4 | - | 0.5 |
| April | 6.7 | 6.8 | 13.6 | 65.7 | 2.5 | 81.8 | 0.9 | 0.9 | 0.1 | 0.4 | - | 0.6 |
| May | 6.8 | 6.9 | 13.4 | 66.5 | 3.1 | 83.0 | 0.9 | 0.9 | 0.1 | 0.5 | - | 0.6 |
| June | 7.0 | 7.0 | 13.5 | 67.2 | 2.9 | 83.6 | 0.9 | 0.9 | 0.1 | 0.5 | - | 0.6 |
| July | 6.9 | 6.9 | 13.2 | 65.8 | 2.3 | 81.3 | 0.9 | 0.9 | 0.1 | 0.5 | - | 0.6 |
| August | 7.1 | 7.2 | 13.7 | 68.3 | 2.5 | 84.4 | 0.9 | 0.9 | 0.1 | 0.5 | - | 0.6 |
| September | 6.4 | 6.5 | 13.4 | 66.5 | 2.4 | 82.3 | 0.9 | 0.9 | 0.1 | 0.5 | - | 0.6 |
| October | 6.4 | 6.4 | 13.3 | 66.2 | 1.6 | 81.1 | 0.8 | 0.8 | 0.1 | 0.4 | - | 0.5 |
| November | 6.6 | 6.6 | 13.1 | 65.4 | 1.5 | 79.9 | 0.8 | 0.8 | 0.1 | 0.4 | - | 0.5 |
| December | 6.5 | 6.6 | W | 63.3 | W | 77.8 | 0.8 | 0.8 | W | W | - | 0.5 |

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** | | | | | | | | | | | | |
| January | 1.3 | 1.3 | 3.8 | 10.4 | 0.3 | 14.5 | 8.4 | 8.5 | 16.4 | 73.1 | 3.1 | 92.5 |
| February | 1.4 | 1.4 | 3.9 | 10.8 | 0.4 | 15.2 | 8.7 | 8.7 | 17.4 | 76.3 | 3.6 | 97.3 |
| March | 1.5 | 1.5 | 3.9 | 11.2 | 0.4 | 15.5 | 9.2 | 9.2 | 17.8 | 77.5 | 3.8 | 99.0 |
| April | 1.4 | 1.4 | 4.1 | 11.1 | 0.4 | 15.7 | 9.1 | 9.1 | 18.2 | 77.6 | 3.2 | 99.0 |
| May | 1.5 | 1.5 | 4.0 | 11.5 | 0.3 | 15.8 | 9.3 | 9.4 | 17.9 | 79.6 | 3.1 | 100.6 |
| June | 1.5 | 1.5 | 4.0 | 11.4 | 0.4 | 15.7 | 9.6 | 9.7 | 17.9 | 79.7 | 3.3 | 100.9 |
| July | 1.5 | 1.5 | 4.0 | 11.1 | 0.4 | 15.5 | 9.5 | 9.5 | 17.8 | 77.2 | 4.0 | 99.0 |
| August | 1.6 | 1.6 | 4.1 | 11.4 | 0.4 | 15.9 | 9.7 | 9.7 | 18.2 | 79.4 | 3.6 | 101.3 |
| September | 1.5 | 1.5 | 4.0 | 11.1 | 0.4 | 15.6 | 9.4 | 9.5 | 17.8 | 76.9 | 3.1 | 97.9 |
| October | 1.5 | 1.5 | 3.9 | 11.0 | 0.5 | 15.4 | 9.5 | 9.5 | 17.6 | 77.5 | 2.7 | 97.9 |
| November | 1.5 | 1.5 | 3.9 | 11.1 | 0.3 | 15.3 | 9.2 | 9.3 | 17.3 | 77.1 | 2.6 | 97.0 |
| December | 1.5 | 1.5 | 4.0 | 11.1 | 0.4 | 15.5 | 9.3 | 9.3 | 17.3 | 75.9 | 3.1 | 96.3 |
| **2018** | 1.5 | 1.5 | 4.0 | 11.1 | 0.4 | 15.5 | 9.3 | 9.3 | 17.6 | 77.3 | 3.3 | 98.2 |
| **2019** | | | | | | | | | | | | |
| January | 1.5 | 1.5 | 3.8 | 10.6 | 0.4 | 14.8 | 8.8 | 8.9 | 16.4 | 73.3 | 3.4 | 93.0 |
| February | 1.5 | 1.5 | 3.9 | 11.1 | 0.5 | 15.5 | 9.0 | 9.0 | 17.2 | 75.3 | 3.4 | 95.9 |
| March | 1.6 | 1.6 | 3.9 | 11.0 | 0.4 | 15.3 | 9.3 | 9.3 | 17.2 | 75.2 | 3.2 | 95.6 |
| April | 1.4 | 1.4 | 3.9 | 11.2 | 0.4 | 15.5 | 9.1 | 9.1 | 17.6 | 77.4 | 2.9 | 97.8 |
| May | 1.4 | 1.5 | 3.8 | 11.4 | 0.3 | 15.5 | 9.2 | 9.2 | 17.3 | 78.4 | 3.4 | 99.1 |
| June | 1.5 | 1.5 | 3.9 | 11.6 | 0.4 | 16.0 | 9.4 | 9.5 | 17.6 | 79.3 | 3.3 | 100.2 |
| July | 1.5 | 1.5 | 3.8 | 11.5 | 0.4 | 15.7 | 9.3 | 9.4 | 17.1 | 77.8 | 2.7 | 97.6 |
| August | 1.6 | 1.6 | 4.0 | 12.0 | 0.4 | 16.4 | 9.6 | 9.7 | 17.8 | 80.8 | 2.9 | 101.4 |
| September | 1.5 | 1.5 | 3.9 | 11.8 | 0.4 | 16.1 | 8.8 | 8.9 | 17.5 | 78.7 | 2.8 | 98.9 |
| October | 1.4 | 1.4 | 3.7 | 11.6 | 0.4 | 15.7 | 8.6 | 8.7 | 17.1 | 78.2 | 2.0 | 97.4 |
| November | 1.4 | 1.4 | 3.7 | 11.6 | 0.4 | 15.7 | 8.8 | 8.9 | 16.9 | 77.4 | 1.8 | 96.1 |
| December | 1.4 | 1.4 | 3.7 | W | W | 15.4 | 8.8 | 8.9 | W | 75.0 | W | 93.6 |

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

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

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 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** | | | | | | |
| January | W | 1.301 | 1.476 | 1.311 | 1.507 | 1.310 |
| February | W | 1.221 | 1.415 | 1.325 | 1.490 | 1.319 |
| March | W | 1.227 | 1.386 | 1.306 | 1.452 | 1.302 |
| April | W | 1.311 | 1.438 | 1.349 | 1.504 | 1.348 |
| May | W | 1.462 | 1.615 | 1.501 | 1.667 | 1.500 |
| June | W | 1.487 | 1.643 | 1.558 | 1.731 | 1.553 |
| July | W | 1.543 | 1.709 | 1.583 | 1.767 | 1.581 |
| August | W | 1.499 | 1.680 | 1.552 | 1.764 | 1.549 |
| September | W | 1.520 | 1.696 | 1.561 | 1.761 | 1.560 |
| October | W | 1.620 | 1.816 | 1.703 | 1.875 | 1.700 |
| November | W | 1.360 | 1.731 | 1.562 | 1.827 | 1.556 |
| December | W | 1.252 | 1.467 | 1.295 | 1.608 | 1.293 |
| **2018** | W | 1.397 | 1.587 | 1.466 | 1.662 | 1.463 |
| **2019** | | | | | | |
| January | W | 1.626 | 1.417 | 1.326 | 1.425 | 1.357 |
| February | W | 1.808 | 1.553 | 1.458 | 1.568 | 1.508 |
| March | W | W | 1.606 | 1.542 | 1.639 | 1.581 |
| April | W | W | 1.648 | 1.549 | 1.685 | 1.577 |
| May | W | W | 1.607 | 1.502 | 1.635 | 1.505 |
| June | W | W | 1.527 | 1.367 | 1.601 | 1.372 |
| July | W | 1.455 | 1.572 | 1.492 | 1.625 | 1.489 |
| August | W | 1.331 | 1.345 | 1.235 | 1.466 | 1.247 |
| September | W | W | 1.511 | 1.325 | 1.560 | 1.337 |
| October | W | 1.535 | 1.393 | 1.188 | 1.543 | 1.263 |
| November | W | 1.681 | R1.364 | R1.220 | R1.594 | R1.353 |
| December | W | 1.758 | 1.419 | 1.397 | 1.725 | 1.558 |

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 2018 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** | | | | | | |
| January | W | 0.4 | W | 8.5 | 3.7 | 8.9 |
| February | W | 0.4 | W | 7.2 | 3.6 | 7.7 |
| March | W | 0.4 | W | 7.0 | 3.6 | 7.4 |
| April | W | 0.3 | W | 6.7 | 3.5 | 7.0 |
| May | W | 0.4 | W | 8.0 | 3.2 | 8.4 |
| June | W | 0.6 | W | 7.4 | 3.0 | 8.1 |
| July | W | 0.5 | W | 6.8 | 3.5 | 7.3 |
| August | W | 0.5 | W | 7.1 | 3.2 | 7.6 |
| September | W | 0.2 | W | 7.6 | 3.6 | 7.8 |
| October | W | 0.2 | W | 7.0 | 3.8 | 7.3 |
| November | W | 0.2 | W | 6.5 | 3.4 | 6.7 |
| December | W | 0.5 | W | 6.8 | 3.5 | 7.3 |
| **2018** | W | 0.4 | W | 7.2 | 3.5 | 7.6 |
| **2019** | | | | | | |
| January | W | 0.8 | W | 7.0 | 2.8 | 7.9 |
| February | W | 1.1 | W | 6.5 | 2.3 | 7.6 |
| March | W | W | W | W | 2.2 | 6.9 |
| April | W | W | W | W | 2.4 | 9.3 |
| May | W | W | W | W | 2.0 | 7.4 |
| June | W | W | W | W | 3.3 | 7.7 |
| July | W | 0.4 | W | 6.1 | 2.8 | 6.5 |
| August | W | 1.0 | W | 7.3 | 2.6 | 8.4 |
| September | W | W | W | W | 3.2 | 7.5 |
| October | W | 1.7 | W | 6.1 | 2.8 | 7.7 |
| November | W | 2.1 | W | R5.2 | R2.4 | R7.2 |
| December | W | 2.8 | W | 3.5 | 2.0 | 6.3 |

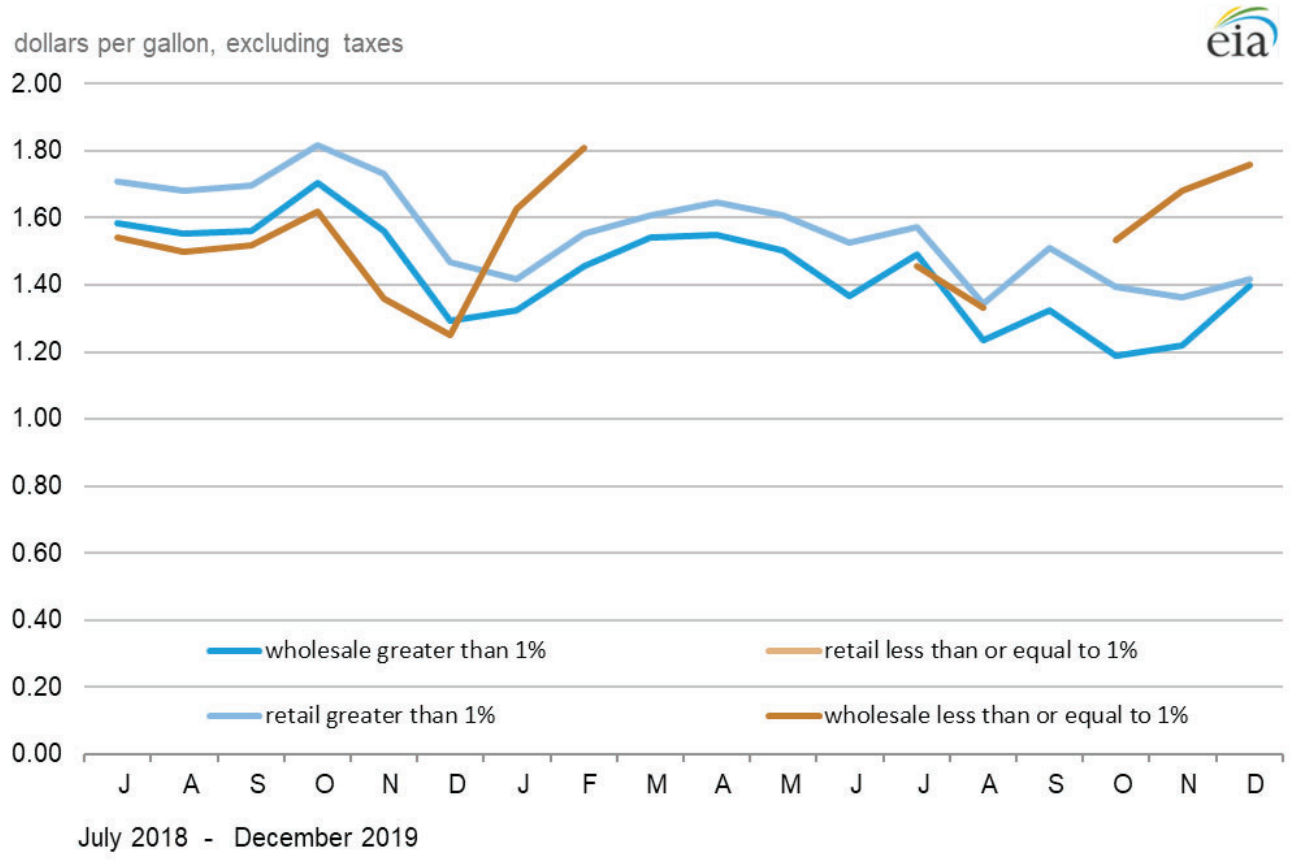
NA = Not available.

R = Revised data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 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.*