## 4 New York State Energy Prices

This section presents data on retail energy prices for the 15 -year period from 2007 through 2021.
Energy prices are provided by fuel type in nominal dollars per physical unit and per British thermal units for the residential, commercial, industrial, and transportation sectors.

The section includes a column in the price tables displaying gross domestic product (GDP) price deflators for converting nominal (current year) dollars into constant 2021 (real) dollars. To convert energy prices from nominal to constant 2021 dollars, divide the nominal energy price by the GDP price deflator for that particular year.

Historical petroleum, electricity, coal, and natural gas prices were compiled primarily from various reports from the DOE's Energy Information Administration.

### 4.1 Key Observations about 2021 New York State Energy Price Data

- Residential sector statewide average nominal fuel prices:
- Home heating oil prices increased $18.0 \%$ from an average $\$ 2.16$ per gallon in 2020 to $\$ 2.55$ per gallon in 2021 .
- Natural gas prices increased by $7.8 \%$ from an average $\$ 12.86$ per thousand cubic feet in 2020 to $\$ 13.87$ per thousand cubic feet in 2021.
- Electricity prices increased by $6.1 \%$ from $18.4 \not \subset$ per kWh in 2020 to $19.5 \not \subset$ in 2021.
- Commercial sector statewide average nominal fuel prices:
- Distillate fuel prices averaged $\$ 2.34$ per gallon in 2021 , which was a $60.5 \%$ increase from 2020 prices.
- Residual oil prices averaged $\$ 72.24$ per barrel in 2021 , which was a $48.8 \%$ increase from 2020 prices.
- Electricity prices averaged $16.1 \notin$ per kWh , which was a $10.4 \%$ increase from 2020 prices.
- Natural gas prices averaged $\$ 7.96$ per thousand cubic feet, which was a $15.0 \%$ increase from 2019 prices.
- Industrial sector statewide average nominal fuel prices:
- Residual oil prices averaged $\$ 72.23$ per barrel in 2021 , which was a $48.8 \%$ increase from 2020 prices.
- Natural gas prices averaged $\$ 8.44$ per thousand cubic feet, which was an $19.9 \%$ increase from 2020 prices.
- Electricity prices averaged 6.3 ¢ per kWh , which was a $14.4 \%$ increase from 2020 prices.
- The 2021 average retail price for all grades of gasoline was $\$ 2.87$ per gallon, an increase of $\$ 0.72$ per gallon ( $33.6 \%$ ) from the average price in 2020.
- The combination of increases in fuel and energy prices observed with these 2021 data along with the increases in consumption, described in section 2 , were responsible for the increasing expenditures (total and leaving the State) described in detail within section 5 .

Figure 4-1.

New York State Residential Energy Prices in Nominal Dollars 2007-2021


Table 4-1a. (In Physical Units)

| Year | Coal | Distillate $^{1}$ | Kerosene | Propane | Natural <br> Gas | Electricity | Wood | GDP <br> Deflator |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\$ /$ Ton | Cents/Gal. | Cents/Gal. | Cents/Gal. | $\$ /$ Mcf | Cents/kWh | $\$ /$ Cord | $2020=1$ |
| $\mathbf{2 0 0 7}$ | $\$ 105.05$ | 278.05 | 289.85 | 243.95 | $\$ 15.77$ | 170.98 | $\$ 139.40$ | 0.765 |
| $\mathbf{2 0 0 8}$ | $\$ 0.00$ | 342.53 | 365.31 | 285.69 | $\$ 16.86$ | 183.09 | $\$ 171.80$ | 0.795 |
| $\mathbf{2 0 0 9}$ | $\$ 0.00$ | 260.56 | 281.21 | 259.02 | $\$ 15.10$ | 175.00 | $\$ 129.00$ | 0.792 |
| $\mathbf{2 0 1 0}$ | $\$ 0.00$ | 301.14 | 320.90 | 274.73 | $\$ 14.04$ | 187.42 | $\$ 152.20$ | 0.805 |
| $\mathbf{2 0 1 1}$ | $\$ 0.00$ | 355.22 | 379.76 | 308.52 | $\$ 13.64$ | 182.61 | $\$ 183.00$ | 0.830 |
| $\mathbf{2 0 1 2}$ | $\$ 0.00$ | 394.69 | 399.87 | 288.07 | $\$ 12.87$ | 176.16 | $\$ 203.80$ | 0.847 |
| $\mathbf{2 0 1 3}$ | $\$ 0.00$ | 388.78 | 400.68 | 285.42 | $\$ 12.41$ | 187.93 | $\$ 199.60$ | 0.860 |
| $\mathbf{2 0 1 4}$ | $\$ 0.00$ | 379.23 | 402.84 | 315.01 | $\$ 12.53$ | 200.73 | $\$ 194.60$ | 0.874 |
| $\mathbf{2 0 1 5}$ | $\$ 0.00$ | 264.87 | 224.78 | 251.44 | $\$ 11.25$ | 185.37 | $\$ 134.20$ | 0.875 |
| $\mathbf{2 0 1 6}$ | $\$ 0.00$ | 227.64 | 179.15 | 246.97 | $\$ 10.92$ | 175.75 | $\$ 114.60$ | 0.886 |
| $\mathbf{2 0 1 7}$ | $\$ 0.00$ | 252.62 | 224.10 | 293.10 | $\$ 12.09$ | 180.29 | $\$ 128.20$ | 0.905 |
| $\mathbf{2 0 1 8}$ | $\$ 0.00$ | 278.88 | 316.85 | 318.99 | $\$ 12.44$ | 185.20 | $\$ 141.80$ | 0.927 |
| $\mathbf{2 0 1 9}$ | $\$ 0.00$ | 264.46 | 302.27 | 274.36 | $\$ 12.71$ | 179.40 | $\$ 136.40$ | 0.943 |
| $\mathbf{2 0 2 0}$ | $\$ 0.00$ | 216.38 | 196.29 | 239.42 | $\$ 12.86$ | 183.63 | $\$ 112.80$ | 0.955 |
| $\mathbf{2 0 2 1}$ | $\$ 0.00$ | 255.39 | 309.56 | 290.27 | $\$ 13.87$ | 194.83 | $\$ 0.00$ | 1.000 |

Table 4-1b. (In \$/Million Btu)

| Year | Coal | Distillate ${ }^{1}$ | Kerosene | Propane | Natural <br> Gas | GDP <br> Electricity | Wood | Deflator |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\$ /$ MMBtu | $\$ / M^{2} B t u$ | $\$ / M M B t u$ | $\$ / M M B t u$ | $\$ / M M B t u$ | $\$ / M M B t u$ | $\$ / M M B t u$ | $2020=1$ |
| $\mathbf{2 0 0 7}$ | $\$ 4.76$ | $\$ 20.19$ | $\$ 21.47$ | $\$ 26.71$ | $\$ 15.36$ | $\$ 50.11$ | $\$ 6.97$ | 0.765 |
| $\mathbf{2 0 0 8}$ | $\$ 0.00$ | $\$ 24.89$ | $\$ 27.06$ | $\$ 31.28$ | $\$ 16.42$ | $\$ 53.66$ | $\$ 8.59$ | 0.795 |
| $\mathbf{2 0 0 9}$ | $\$ 0.00$ | $\$ 18.93$ | $\$ 20.83$ | $\$ 28.36$ | $\$ 14.73$ | $\$ 51.29$ | $\$ 6.45$ | 0.792 |
| $\mathbf{2 0 1 0}$ | $\$ 0.00$ | $\$ 21.89$ | $\$ 23.77$ | $\$ 30.08$ | $\$ 13.72$ | $\$ 54.93$ | $\$ 7.61$ | 0.805 |
| $\mathbf{2 0 1 1}$ | $\$ 0.00$ | $\$ 25.83$ | $\$ 28.13$ | $\$ 33.78$ | $\$ 13.35$ | $\$ 53.52$ | $\$ 9.15$ | 0.830 |
| $\mathbf{2 0 1 2}$ | $\$ 0.00$ | $\$ 28.71$ | $\$ 29.62$ | $\$ 31.54$ | $\$ 12.56$ | $\$ 51.63$ | $\$ 10.19$ | 0.847 |
| $\mathbf{2 0 1 3}$ | $\$ 0.00$ | $\$ 28.28$ | $\$ 29.68$ | $\$ 31.25$ | $\$ 12.07$ | $\$ 55.08$ | $\$ 9.98$ | 0.860 |
| $\mathbf{2 0 1 4}$ | $\$ 0.00$ | $\$ 27.59$ | $\$ 29.84$ | $\$ 34.49$ | $\$ 12.13$ | $\$ 58.83$ | $\$ 9.73$ | 0.874 |
| $\mathbf{2 0 1 5}$ | $\$ 0.00$ | $\$ 19.28$ | $\$ 16.65$ | $\$ 27.53$ | $\$ 10.84$ | $\$ 54.33$ | $\$ 6.71$ | 0.875 |
| $\mathbf{2 0 1 6}$ | $\$ 0.00$ | $\$ 16.57$ | $\$ 13.27$ | $\$ 27.04$ | $\$ 10.51$ | $\$ 51.51$ | $\$ 5.73$ | 0.886 |
| $\mathbf{2 0 1 7}$ | $\$ 0.00$ | $\$ 18.43$ | $\$ 16.60$ | $\$ 32.05$ | $\$ 11.66$ | $\$ 52.84$ | $\$ 6.41$ | 0.905 |
| $\mathbf{2 0 1 8}$ | $\$ 0.00$ | $\$ 20.30$ | $\$ 23.47$ | $\$ 34.88$ | $\$ 11.98$ | $\$ 54.28$ | $\$ 7.09$ | 0.927 |
| $\mathbf{2 0 1 9}$ | $\$ 0.00$ | $\$ 19.25$ | $\$ 22.39$ | $\$ 30.00$ | $\$ 12.22$ | $\$ 52.58$ | $\$ 6.82$ | 0.943 |
| $\mathbf{2 0 2 0}$ | $\$ 0.00$ | $\$ 15.75$ | $\$ 14.54$ | $\$ 26.18$ | $\$ 12.38$ | $\$ 53.82$ | $\$ 5.64$ | 0.955 |
| $\mathbf{2 0 2 1}$ | $\$ 0.00$ | $\$ 18.59$ | $\$ 22.93$ | $\$ 31.74$ | $\$ 13.35$ | $\$ 57.10$ | $\$ 0.00$ | 1.000 |

1 Home heating oil.
2 To convert prices to 2021 dollars, divide the selected price by the deflator factor in the same row.

Figure 4-2.

## New York State Commercial Energy Prices in Nominal Dollars 2007-2021

Table 4-2a. (In Physical Units)


| Year | Coal | Distillate ${ }^{1}$ | Residual | Kerosene | Propane <br> (HGL) | Natural Gas | Đectricity | GDP Deflator ${ }^{2}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$/Ton | Cents/Gal. | \$/bbl | Cents/Gal. | Cents/Gal. | \$/Mcf | Cents/kVVh | 2020=1 |
| 2007 | \$60.91 | 236.32 | \$61.74 | 289.85 | 193.17 | \$11.85 | 159.17 | 0.765 |
| 2008 | \$103.43 | 324.51 | \$83.43 | 365.31 | 233.08 | \$12.93 | 167.94 | 0.795 |
| 2009 | \$132.54 | 206.88 | \$62.49 | 281.21 | 188.06 | \$10.75 | 154.77 | 0.792 |
| 2010 | \$133.63 | 254.64 | \$81.10 | 320.90 | 215.46 | \$10.87 | 163.06 | 0.805 |
| 2011 | \$127.73 | 340.37 | \$109.46 | 379.76 | 245.69 | \$9.28 | 158.08 | 0.830 |
| 2012 | \$0.00 | 354.69 | \$115.43 | 399.87 | 194.81 | \$7.79 | 150.57 | 0.847 |
| 2013 | \$0.00 | 344.38 | \$105.87 | 400.68 | 191.89 | \$7.95 | 153.54 | 0.860 |
| 2014 | \$0.00 | 299.78 | \$92.73 | 402.84 | 202.94 | \$8.31 | 161.22 | 0.874 |
| 2015 | \$0.00 | 199.34 | \$49.23 | 224.78 | 122.39 | \$6.89 | 153.06 | 0.875 |
| 2016 | \$0.00 | 157.58 | \$38.35 | 179.15 | 115.08 | \$6.23 | 144.50 | 0.886 |
| 2017 | \$0.00 | 187.24 | \$49.04 | 224.10 | 152.18 | \$6.90 | 147.50 | 0.905 |
| 2018 | \$0.00 | 234.78 | \$64.50 | 316.85 | 164.43 | \$7.40 | 145.01 | 0.927 |
| 2019 | \$0.00 | 216.24 | \$61.49 | 302.27 | 130.78 | \$7.26 | 140.57 | 0.943 |
| 2020 | \$0.00 | 145.76 | \$48.54 | 196.29 | 121.08 | \$6.92 | 145.59 | 0.955 |
| 2021 | \$0.00 | 233.96 | \$72.24 | 309.56 | 187.29 | \$7.96 | 160.74 | 1.000 |

Table 4-2b. (In \$/Million Btu)

| Year | Coal | Distillate $^{1}$ |  | Residual | Kerosene | Propane <br> $(H G L)$ | Natural <br> Gas | GDP <br> Electricity |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Deflator ${ }^{2}$ |  |  |  |  |  |  |  |  |$|$

1 Home heating oil.
2 To convert prices to 2021 dollars, divide the selected price by the deflator factor in the same row.

Figure 4-3.

New York State
Industrial Energy Prices in Nominal Dollars 2007-2021

Table 4-3a. (In Physical Units)

| Year | Coal | Distillate $^{1}$ | Residual | Kerosene | Propane <br> $(H G L)$ | Natural <br> Gas | GDP <br> Electricity | Deflator |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\$ /$ Ton | Cents/Gal. | $\$ /$ bbl | Cents/Gal. | Cents/Gal. | $\$ /$ Mcf | Cents/kWh | $2020=1$ |
| $\mathbf{2 0 0 7}$ | $\$ 70.86$ | 238.52 | $\$ 61.74$ | 243.27 | 229.25 | $\$ 11.46$ | 8.71 | 0.765 |
| $\mathbf{2 0 0 8}$ | $\$ 83.57$ | 327.12 | $\$ 83.43$ | 306.86 | 275.46 | $\$ 12.37$ | 9.39 | 0.795 |
| $\mathbf{2 0 0 9}$ | $\$ 96.55$ | 197.79 | $\$ 62.49$ | 204.39 | 227.51 | $\$ 9.55$ | 8.37 | 0.792 |
| $\mathbf{2 0 1 0}$ | $\$ 106.87$ | 263.72 | $\$ 81.10$ | 251.24 | 225.23 | $\$ 8.54$ | 8.79 | 0.805 |
| $\mathbf{2 0 1 1}$ | $\$ 113.44$ | 324.69 | $\$ 109.46$ | 331.56 | 260.03 | $\$ 8.15$ | 7.83 | 0.830 |
| $\mathbf{2 0 1 2}$ | $\$ 118.45$ | 342.18 | $\$ 115.43$ | 346.55 | 200.48 | $\$ 6.87$ | 6.69 | 0.847 |
| $\mathbf{2 0 1 3}$ | $\$ 109.92$ | 332.69 | $\$ 105.87$ | 351.41 | 197.01 | $\$ 7.39$ | 6.59 | 0.860 |
| $\mathbf{2 0 1 4}$ | $\$ 105.96$ | 313.25 | $\$ 92.73$ | 332.64 | 209.98 | $\$ 8.13$ | 6.58 | 0.874 |
| $\mathbf{2 0 1 5}$ | $\$ 100.07$ | 206.76 | $\$ 49.23$ | 194.54 | 115.54 | $\$ 6.65$ | 6.31 | 0.875 |
| $\mathbf{2 0 1 6}$ | $\$ 89.39$ | 154.97 | $\$ 38.35$ | 152.28 | 106.95 | $\$ 5.96$ | 6.03 | 0.886 |
| $\mathbf{2 0 1 7}$ | $\$ 100.93$ | 201.63 | $\$ 49.04$ | 192.92 | 150.44 | $\$ 7.24$ | 5.92 | 0.905 |
| $\mathbf{2 0 1 8}$ | $\$ 110.54$ | 238.08 | $\$ 64.50$ | 241.92 | 164.80 | $\$ 7.87$ | 6.02 | 0.927 |
| $\mathbf{2 0 1 9}$ | $\$ 84.39$ | 201.54 | $\$ 61.49$ | 228.96 | 125.38 | $\$ 7.76$ | 5.61 | 0.943 |
| $\mathbf{2 0 2 0}$ | $\$ 90.18$ | 143.84 | $\$ 48.54$ | 169.16 | 114.04 | $\$ 7.03$ | 5.54 | 0.955 |
| $\mathbf{2 0 2 1}$ | $\$ 82.73$ | 197.69 | $\$ 72.24$ | 224.24 | 191.59 | $\$ 8.44$ | 6.34 | 1.000 |

Table 4-3b. (In \$/Million Btu)

| Year | Coal | Distillate $^{1}$ | Residual | Kerosene | Propane <br> $(\mathrm{HGL})$ | Natural <br> Gas | GDP <br> Electricity | Deflator ${ }^{2}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\$ /$ MMBtu | $\$ /$ MMBtu | $\$ /$ MMBtu | $\$ /$ MMBtu | $\$ /$ MMBtu | $\$ /$ MMBtu | $\$ /$ MMBtu | $2020=1$ |
| $\mathbf{2 0 0 7}$ | $\$ 2.91$ | $\$ 17.32$ | $\$ 9.82$ | $\$ 18.02$ | $\$ 25.10$ | $\$ 11.16$ | $\$ 25.53$ | 0.765 |
| $\mathbf{2 0 0 8}$ | $\$ 3.44$ | $\$ 23.77$ | $\$ 13.27$ | $\$ 22.73$ | $\$ 30.16$ | $\$ 12.04$ | $\$ 27.53$ | 0.795 |
| $\mathbf{2 0 0 9}$ | $\$ 4.01$ | $\$ 14.37$ | $\$ 9.94$ | $\$ 15.14$ | $\$ 24.91$ | $\$ 9.32$ | $\$ 24.54$ | 0.792 |
| $\mathbf{2 0 1 0}$ | $\$ 4.44$ | $\$ 19.17$ | $\$ 12.90$ | $\$ 18.61$ | $\$ 24.66$ | $\$ 8.35$ | $\$ 25.76$ | 0.805 |
| $\mathbf{2 0 1 1}$ | $\$ 4.74$ | $\$ 23.61$ | $\$ 17.41$ | $\$ 24.56$ | $\$ 28.47$ | $\$ 7.97$ | $\$ 22.96$ | 0.830 |
| $\mathbf{2 0 1 2}$ | $\$ 4.73$ | $\$ 24.89$ | $\$ 18.36$ | $\$ 25.67$ | $\$ 21.95$ | $\$ 6.70$ | $\$ 19.62$ | 0.847 |
| $\mathbf{2 0 1 3}$ | $\$ 4.37$ | $\$ 24.20$ | $\$ 16.84$ | $\$ 26.03$ | $\$ 21.57$ | $\$ 7.19$ | $\$ 19.30$ | 0.860 |
| $\mathbf{2 0 1 4}$ | $\$ 4.24$ | $\$ 22.79$ | $\$ 14.75$ | $\$ 24.64$ | $\$ 22.99$ | $\$ 7.87$ | $\$ 19.28$ | 0.874 |
| $\mathbf{2 0 1 5}$ | $\$ 4.02$ | $\$ 15.05$ | $\$ 7.83$ | $\$ 14.41$ | $\$ 12.65$ | $\$ 6.41$ | $\$ 18.49$ | 0.875 |
| $\mathbf{2 0 1 6}$ | $\$ 3.60$ | $\$ 11.28$ | $\$ 6.10$ | $\$ 11.28$ | $\$ 11.71$ | $\$ 5.74$ | $\$ 17.67$ | 0.886 |
| $\mathbf{2 0 1 7}$ | $\$ 4.08$ | $\$ 14.71$ | $\$ 7.80$ | $\$ 14.29$ | $\$ 16.45$ | $\$ 6.98$ | $\$ 17.36$ | 0.905 |
| $\mathbf{2 0 1 8}$ | $\$ 4.48$ | $\$ 17.33$ | $\$ 10.26$ | $\$ 17.92$ | $\$ 18.02$ | $\$ 7.58$ | $\$ 17.64$ | 0.927 |
| $\mathbf{2 0 1 9}$ | $\$ 3.42$ | $\$ 14.67$ | $\$ 9.78$ | $\$ 16.96$ | $\$ 13.71$ | $\$ 7.46$ | $\$ 16.45$ | 0.943 |
| $\mathbf{2 0 2 0}$ | $\$ 3.67$ | $\$ 10.47$ | $\$ 7.72$ | $\$ 12.53$ | $\$ 12.47$ | $\$ 6.77$ | $\$ 16.25$ | 0.955 |
| $\mathbf{2 0 2 1}$ | $\$ 3.36$ | $\$ 14.39$ | $\$ 11.49$ | $\$ 16.61$ | $\$ 20.95$ | $\$ 8.12$ | $\$ 18.59$ | 1.000 |

[^0]Figure 4-4.

New York State Transportation Energy Prices in Nominal Dollars 2007-2021

Table 4-4a. (In Physical Units)


| Year | Motor <br> Gasoline | Distillate $^{1}$ | Aviation $_{\text {Fuel }^{2}}$ | GDP <br> Residual $^{3}$ | Electricity $^{4}$ | Deflator |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Cents/Gal. | Cents/Gal. | Cents/Gal. | $\$ /$ bbl | Cents/kWh $^{\text {Cl }}$ | $2020=1$ |
| $\mathbf{2 0 0 7}$ | 276.65 | 284.38 | 222.21 | $\$ 49.35$ | 10.97 | 0.765 |
| $\mathbf{2 0 0 8}$ | 326.97 | 389.19 | 312.26 | $\$ 75.95$ | 12.64 | 0.795 |
| $\mathbf{2 0 0 9}$ | 235.74 | 251.47 | 170.64 | $\$ 51.80$ | 13.13 | 0.792 |
| $\mathbf{2 0 1 0}$ | 277.84 | 307.06 | 221.81 | $\$ 68.28$ | 13.74 | 0.805 |
| $\mathbf{2 0 1 1}$ | 351.86 | 392.22 | 307.40 | $\$ 93.11$ | 13.45 | 0.830 |
| $\mathbf{2 0 1 2}$ | 364.05 | 404.87 | 312.66 | $\$ 96.82$ | 14.20 | 0.847 |
| $\mathbf{2 0 1 3}$ | 354.70 | 396.34 | 299.03 | $\$ 97.57$ | 13.65 | 0.860 |
| $\mathbf{2 0 1 4}$ | 341.79 | 393.94 | 278.24 | $\$ 82.93$ | 13.82 | 0.874 |
| $\mathbf{2 0 1 5}$ | 246.61 | 289.05 | 161.87 | $\$ 46.90$ | 12.96 | 0.875 |
| $\mathbf{2 0 1 6}$ | 218.38 | 240.97 | 128.12 | $\$ 35.21$ | 12.05 | 0.886 |
| $\mathbf{2 0 1 7}$ | 242.06 | 278.39 | 164.84 | $\$ 47.47$ | 12.67 | 0.905 |
| $\mathbf{2 0 1 8}$ | 267.50 | 332.19 | 216.00 | $\$ 62.81$ | 12.14 | 0.927 |
| $\mathbf{2 0 1 9}$ | 252.24 | 322.85 | 199.40 | $\$ 62.87$ | 12.28 | 0.943 |
| $\mathbf{2 0 2 0}$ | 214.83 | 277.51 | 135.54 | $\$ 45.83$ | 12.14 | 0.955 |
| $\mathbf{2 0 2 1}$ | 287.01 | 338.78 | 198.45 | $\$ 68.97$ | 12.67 | 1.000 |

Table 4-4b. (In \$/Million Btu)

| Year | Motor Gasoline | Distillate ${ }^{1}$ | Aviation Fuel ${ }^{2}$ | Residual ${ }^{3}$ | Electricity ${ }^{4}$ | GDP <br> Deflator ${ }^{5}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$/MMBtu | \$/MMBtu | \$/MMBtu | \$/MMBtu | \$/MMBtu | 2020=1 |
| 2007 | \$22.54 | \$20.65 | \$16.46 | \$7.85 | \$32.14 | 0.765 |
| 2008 | \$26.79 | \$28.28 | \$23.13 | \$12.08 | \$37.05 | 0.795 |
| 2009 | \$19.41 | \$18.27 | \$12.64 | \$8.24 | \$38.49 | 0.792 |
| 2010 | \$22.98 | \$22.32 | \$16.43 | \$10.86 | \$40.28 | 0.805 |
| 2011 | \$29.16 | \$28.52 | \$22.77 | \$14.81 | \$39.41 | 0.830 |
| 2012 | \$30.20 | \$29.45 | \$23.16 | \$15.40 | \$41.63 | 0.847 |
| 2013 | \$29.43 | \$28.83 | \$22.15 | \$15.52 | \$40.01 | 0.860 |
| 2014 | \$28.37 | \$28.66 | \$20.61 | \$13.19 | \$40.49 | 0.874 |
| 2015 | \$20.47 | \$21.04 | \$11.99 | \$7.46 | \$37.97 | 0.875 |
| 2016 | \$18.13 | \$17.54 | \$9.49 | \$5.60 | \$35.33 | 0.886 |
| 2017 | \$20.12 | \$20.31 | \$12.21 | \$7.55 | \$37.12 | 0.905 |
| 2018 | \$22.23 | \$24.18 | \$16.00 | \$9.99 | \$35.57 | 0.927 |
| 2019 | \$20.97 | \$23.50 | \$14.77 | \$10.00 | \$36.00 | 0.943 |
| 2020 | \$17.86 | \$20.20 | \$10.04 | \$7.29 | \$35.57 | 0.955 |
| 2021 | \$23.87 | \$24.66 | \$14.70 | \$10.97 | \$37.13 | 1.000 |

Diesel
Summation of kerosene-based jet fuel and aviation gasoline.
Bunker fuel
Railroad use
To convert prices to 2021 dollars, divide the selected price by the deflator factor in the same row.


[^0]:    1 Home heating oil.
    2 To convert prices to 2021 dollars, divide the selected price by the deflator factor in the same row.

