

**Table ET4. Commercial Sector Energy Price and Expenditure Estimates, Selected Years, 1970-2019, Kentucky**

| Year                              | Primary Energy |                          |                     |                  |          |                             |                   |         |                        | Electricity Retail Sales | Total Energy <sup>f,g,h</sup> |                    |
|-----------------------------------|----------------|--------------------------|---------------------|------------------|----------|-----------------------------|-------------------|---------|------------------------|--------------------------|-------------------------------|--------------------|
|                                   | Coal           | Natural Gas <sup>a</sup> | Petroleum           |                  |          |                             |                   | Biomass | Total <sup>f,g,h</sup> |                          |                               |                    |
|                                   |                |                          | Distillate Fuel Oil | HGL <sup>b</sup> | Kerosene | Motor Gasoline <sup>c</sup> | Residual Fuel Oil |         |                        |                          |                               | Total <sup>d</sup> |
| Prices in Dollars per Million Btu |                |                          |                     |                  |          |                             |                   |         |                        |                          |                               |                    |
| 1970                              | 0.44           | 0.66                     | 1.02                | 1.62             | 0.79     | 2.93                        | 0.78              | 1.33    | 0.85                   | 0.76                     | 5.48                          | 1.54               |
| 1975                              | 1.30           | 1.05                     | 2.29                | 3.19             | 2.53     | 4.69                        | 1.69              | 2.85    | 1.69                   | 1.42                     | 5.26                          | 2.54               |
| 1980                              | 1.75           | 2.89                     | 6.49                | 4.99             | 6.08     | 9.65                        | 4.12              | 6.52    | 4.31                   | 3.97                     | 10.42                         | 5.92               |
| 1985                              | 1.87           | 4.95                     | 6.09                | 5.18             | 7.18     | 8.80                        | 4.89              | 6.48    | 4.88                   | 5.05                     | 12.34                         | 7.83               |
| 1990                              | 1.86           | 4.35                     | 5.55                | 4.73             | 7.94     | 9.25                        | 3.61              | 6.61    | 3.53                   | 4.60                     | 15.33                         | 9.65               |
| 1995                              | 1.77           | 4.19                     | 4.34                | 7.78             | 9.18     | —                           | —                 | 5.17    | 2.87                   | 4.21                     | 15.01                         | 9.16               |
| 2000                              | 1.59           | 6.42                     | 7.12                | 11.06            | 9.27     | 11.64                       | 3.97              | 8.09    | 4.37                   | 6.27                     | 14.65                         | 10.65              |
| 2001                              | 1.77           | 8.87                     | 6.58                | 12.48            | 9.28     | 10.97                       | 4.31              | 7.61    | 4.17                   | 7.95                     | 14.88                         | 11.73              |
| 2002                              | 1.77           | 6.80                     | 5.95                | 9.23             | 8.52     | 10.50                       | —                 | 6.66    | 3.78                   | 6.22                     | 15.17                         | 11.12              |
| 2003                              | 1.74           | 8.31                     | 7.16                | 11.50            | 10.09    | 11.84                       | —                 | 8.40    | 4.54                   | 7.74                     | 15.73                         | 12.11              |
| 2004                              | 1.96           | 9.83                     | 9.31                | 13.50            | 11.20    | 14.27                       | —                 | 10.52   | 5.16                   | 8.98                     | 16.43                         | 13.08              |
| 2005                              | 2.51           | 11.93                    | 13.85               | 16.32            | 15.49    | 17.68                       | 6.66              | 14.51   | 6.83                   | 10.99                    | 17.60                         | 14.70              |
| 2006                              | 2.71           | 12.85                    | 16.00               | 18.12            | 19.69    | 20.04                       | —                 | 16.65   | 7.87                   | 12.63                    | 18.86                         | 16.38              |
| 2007                              | 2.75           | 10.99                    | 17.58               | 19.57            | 22.33    | 22.26                       | —                 | 18.21   | 8.70                   | 11.24                    | 19.80                         | 16.46              |
| 2008                              | 3.90           | 12.80                    | 24.03               | 23.30            | 23.47    | 26.02                       | —                 | 23.85   | 10.72                  | 13.77                    | 21.36                         | 18.27              |
| 2009                              | 4.66           | 10.51                    | 14.14               | 18.64            | 23.70    | 18.95                       | —                 | 16.06   | 8.05                   | 10.80                    | 22.36                         | 17.73              |
| 2010                              | 3.61           | 8.35                     | 17.92               | 19.61            | 25.17    | 22.55                       | —                 | 18.91   | 9.50                   | 9.07                     | 23.10                         | 17.55              |
| 2011                              | 3.98           | 8.55                     | 24.33               | 22.93            | 28.49    | 28.69                       | —                 | 23.96   | 11.42                  | 10.10                    | 24.88                         | 19.02              |
| 2012                              | 4.19           | 8.03                     | 24.89               | 16.88            | 29.88    | 29.29                       | —                 | 22.03   | 12.71                  | 9.57                     | 25.58                         | 19.68              |
| 2013                              | 4.82           | 8.12                     | 24.53               | 17.98            | 30.54    | 28.57                       | —                 | 22.17   | 12.45                  | 9.64                     | 25.09                         | 19.20              |
| 2014                              | 4.72           | 8.83                     | 22.87               | 20.20            | 32.87    | 27.31                       | —                 | 22.32   | 12.14                  | 10.19                    | 27.66                         | 20.35              |
| 2015                              | 4.70           | 8.57                     | 13.52               | 11.30            | 16.97    | 19.61                       | —                 | 15.72   | 8.37                   | 9.93                     | 27.65                         | 20.42              |
| 2016                              | 4.62           | 7.67                     | 11.32               | 10.51            | 13.53    | 17.43                       | —                 | 13.22   | 7.15                   | 9.05                     | 28.05                         | 20.25              |
| 2017                              | 4.81           | 8.66                     | 13.75               | 14.10            | 16.92    | 19.57                       | —                 | 16.36   | 8.00                   | 10.20                    | 28.87                         | 21.36              |
| 2018                              | 4.64           | 8.02                     | 17.17               | 14.63            | 26.07    | 21.70                       | —                 | 18.51   | 8.85                   | 10.11                    | 28.54                         | 20.62              |
| 2019                              | 5.59           | 8.20                     | 15.69               | 11.65            | 22.82    | 20.68                       | —                 | 16.50   | 8.51                   | 10.07                    | 29.75                         | 21.18              |

  

| Expenditures in Million Dollars |      |       |      |      |      |      |     |       |     |       |         |         |
|---------------------------------|------|-------|------|------|------|------|-----|-------|-----|-------|---------|---------|
| 1970                            | 2.4  | 28.3  | 5.0  | 3.4  | 1.8  | 4.1  | 0.1 | 14.3  | (s) | 45.1  | 64.8    | 109.9   |
| 1975                            | 6.2  | 40.8  | 12.2 | 7.4  | 3.0  | 6.8  | 0.1 | 29.5  | 0.1 | 76.6  | 116.4   | 192.9   |
| 1980                            | 9.5  | 114.9 | 99.6 | 6.4  | 21.4 | 12.7 | 0.5 | 140.6 | 0.3 | 265.3 | 299.9   | 565.2   |
| 1985                            | 8.9  | 172.1 | 56.0 | 5.1  | 3.7  | 17.5 | (s) | 82.3  | 0.6 | 264.1 | 398.7   | 662.8   |
| 1990                            | 5.5  | 143.8 | 24.6 | 5.4  | 4.2  | 21.6 | (s) | 55.9  | 2.1 | 207.5 | 613.9   | 821.4   |
| 1995                            | 5.0  | 177.5 | 28.2 | 11.0 | 4.2  | 2.0  | —   | 45.4  | 1.7 | 229.5 | 692.6   | 922.0   |
| 2000                            | 7.1  | 258.3 | 44.8 | 19.1 | 3.7  | 2.4  | 0.2 | 70.2  | 1.6 | 337.3 | 862.5   | 1,199.8 |
| 2001                            | 8.5  | 324.3 | 43.0 | 14.3 | 3.1  | 2.4  | 0.2 | 62.9  | 1.4 | 397.1 | 893.6   | 1,290.7 |
| 2002                            | 9.7  | 253.4 | 37.0 | 11.5 | 1.5  | 2.3  | —   | 52.3  | 1.3 | 316.7 | 937.1   | 1,253.8 |
| 2003                            | 7.5  | 329.4 | 32.9 | 16.9 | 2.2  | 2.6  | —   | 54.6  | 1.6 | 393.0 | 963.2   | 1,356.2 |
| 2004                            | 11.6 | 376.5 | 43.5 | 21.2 | 2.0  | 3.1  | —   | 69.9  | 1.8 | 459.8 | 1,033.7 | 1,493.6 |
| 2005                            | 16.1 | 452.7 | 62.3 | 19.4 | 2.4  | 3.9  | (s) | 88.0  | 4.4 | 561.1 | 1,146.6 | 1,707.7 |
| 2006                            | 7.6  | 430.8 | 69.6 | 21.4 | 2.2  | 4.5  | —   | 97.7  | 4.7 | 540.8 | 1,218.9 | 1,759.7 |
| 2007                            | 8.0  | 388.2 | 67.2 | 18.2 | 1.3  | 5.0  | —   | 91.7  | 5.5 | 493.3 | 1,353.5 | 1,846.9 |
| 2008                            | 5.8  | 492.5 | 76.6 | 44.5 | 1.0  | 5.8  | —   | 127.9 | 7.1 | 633.3 | 1,433.5 | 2,066.7 |
| 2009                            | 6.1  | 385.9 | 33.4 | 26.2 | 0.8  | 4.2  | —   | 64.6  | 6.2 | 462.9 | 1,429.5 | 1,892.4 |
| 2010                            | 4.3  | 317.0 | 34.2 | 24.4 | 1.0  | 4.9  | —   | 64.6  | 7.3 | 393.1 | 1,529.6 | 1,922.8 |
| 2011                            | 4.9  | 304.1 | 54.9 | 44.6 | 0.9  | 6.2  | —   | 106.7 | 8.4 | 424.1 | 1,589.3 | 2,013.4 |
| 2012                            | 3.6  | 254.8 | 57.6 | 27.0 | 0.3  | 6.3  | —   | 91.2  | 8.2 | 357.8 | 1,637.2 | 1,995.0 |
| 2013                            | 2.0  | 311.4 | 63.8 | 32.8 | 0.3  | 6.3  | —   | 103.3 | 9.3 | 425.9 | 1,798.0 | 2,223.9 |
| 2014                            | 2.3  | 362.1 | 68.7 | 29.4 | 1.1  | 5.8  | —   | 105.0 | 9.4 | 478.8 | 1,808.0 | 2,286.8 |
| 2015                            | 1.8  | 310.1 | 52.6 | 15.1 | 0.5  | 72.8 | —   | 141.1 | 4.1 | 457.1 | 1,848.3 | 2,305.4 |
| 2016                            | 1.7  | 264.5 | 76.8 | 14.2 | 0.7  | 68.3 | —   | 159.9 | 3.7 | 429.8 | 1,912.4 | 2,342.2 |
| 2017                            | 1.7  | 297.1 | 49.4 | 21.2 | 0.5  | 77.7 | —   | 148.7 | 4.3 | 451.9 | 1,900.4 | 2,352.3 |
| 2018                            | 0.7  | 324.3 | 73.1 | 28.1 | 1.0  | 87.3 | —   | 189.5 | 4.8 | 519.3 | 1,945.9 | 2,465.2 |
| 2019                            | 0.9  | 321.6 | 75.7 | 32.1 | 1.0  | 84.0 | —   | 192.8 | 4.9 | 520.2 | 1,990.8 | 2,511.0 |

<sup>a</sup> Includes supplemental gaseous fuels that are commingled with natural gas.

<sup>b</sup> Hydrocarbon gas liquids, assumed to be propane only.

<sup>c</sup> Beginning in 1993, includes fuel ethanol blended into motor gasoline. There is a discontinuity in the expenditure series between 2014 and 2015 because of changes in consumption estimates from the source. See Consumption Technical Notes, Section 4.

<sup>d</sup> Includes small amounts of petroleum coke not shown separately.

<sup>e</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

<sup>f</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and biomass waste beginning in 1989.

<sup>g</sup> There are no direct fuel costs for hydroelectric, geothermal, solar, or wind energy.

<sup>h</sup> For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.

Where shown, R = Revised data and (s) = Value less than 0.05 million dollars.

Where shown, — = No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

Notes: Expenditure totals may not equal sum of components due to independent rounding. The commercial sector includes commercial combined-heat-and-power (CHP) and commercial electricity-only plants.

Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.