

**Table F33: Total Energy Consumption, Price, and Expenditure Estimates, 2019**

| State          | Consumption              |                         |                           |                |                    | Prices                  |            |            |                |       | Expenditures <sup>a</sup> |            |                         |                |                    |
|----------------|--------------------------|-------------------------|---------------------------|----------------|--------------------|-------------------------|------------|------------|----------------|-------|---------------------------|------------|-------------------------|----------------|--------------------|
|                | Residential <sup>b</sup> | Commercial <sup>b</sup> | Industrial <sup>b,c</sup> | Transportation | Total <sup>c</sup> | Residential             | Commercial | Industrial | Transportation | Total | Residential               | Commercial | Industrial <sup>d</sup> | Transportation | Total <sup>d</sup> |
|                | Trillion Btu             |                         |                           |                |                    | Dollars per Million Btu |            |            |                |       | Million Dollars           |            |                         |                |                    |
| Alabama        | 347.9                    | 257.7                   | 820.2                     | 497.0          | 1,922.8            | 31.50                   | 27.04      | 7.52       | 19.48          | 16.41 | 4,690.6                   | 3,159.6    | 4,182.2                 | 9,219.2        | 21,251.6           |
| Alaska         | 48.6                     | 57.0                    | 346.8                     | 162.8          | 615.1              | 24.18                   | 22.25      | 17.73      | 20.55          | 20.83 | 812.1                     | 873.8      | 696.2                   | 3,338.0        | 5,720.1            |
| Arizona        | 412.8                    | 347.4                   | 226.4                     | 563.6          | 1,550.2            | 29.83                   | 23.69      | 15.65      | 23.17          | 23.35 | 5,062.2                   | 3,629.2    | 2,134.6                 | 12,687.8       | 23,513.8           |
| Arkansas       | 226.9                    | 180.2                   | 400.4                     | 287.3          | 1,094.7            | 22.15                   | 15.31      | 9.86       | 19.83          | 16.07 | 2,323.0                   | 1,606.6    | 2,551.7                 | 5,543.2        | 12,024.6           |
| California     | 1,455.7                  | 1,468.1                 | 1,805.2                   | 3,073.3        | 7,802.3            | 28.91                   | 31.41      | 14.58      | 25.28          | 24.65 | 23,629.6                  | 23,605.0   | 15,149.7                | 77,038.7       | 139,423.1          |
| Colorado       | 379.0                    | 301.0                   | 434.5                     | 462.1          | 1,576.5            | 15.95                   | 18.76      | 12.93      | 20.50          | 17.70 | 3,815.3                   | 2,940.7    | 2,751.0                 | 9,239.0        | 18,746.0           |
| Connecticut    | 239.8                    | 187.7                   | 74.6                      | 233.8          | 736.0              | 29.57                   | 24.76      | 16.70      | 22.12          | 24.31 | 4,795.0                   | 2,880.5    | 900.1                   | 5,000.8        | 13,576.4           |
| Delaware       | 65.6                     | 61.0                    | 85.3                      | 84.6           | 296.5              | 25.80                   | 18.30      | 12.72      | 21.21          | 19.93 | 892.8                     | 634.6      | 449.1                   | 1,780.6        | 3,757.0            |
| Dist. of Col.  | 39.3                     | 101.3                   | 4.9                       | 22.1           | 167.7              | 22.91                   | 25.67      | 16.37      | 22.90          | 24.07 | 486.6                     | 1,172.5    | 59.7                    | 405.3          | 2,124.1            |
| Florida        | 1,180.4                  | 966.5                   | 481.4                     | 1,748.1        | 4,376.4            | 33.84                   | 23.73      | 10.43      | 18.88          | 20.78 | 15,480.2                  | 10,558.5   | 4,020.5                 | 32,675.7       | 62,734.8           |
| Georgia        | 715.8                    | 539.3                   | 766.4                     | 941.5          | 2,963.1            | 26.75                   | 23.29      | 8.62       | 18.68          | 17.95 | 9,067.5                   | 5,578.0    | 4,563.7                 | 17,456.3       | 36,665.6           |
| Hawaii         | 34.5                     | 42.9                    | 56.1                      | 173.9          | 307.5              | 89.05                   | 48.21      | 52.31      | 20.77          | 29.51 | 932.3                     | 1,108.2    | 1,071.1                 | 3,613.1        | 6,724.6            |
| Idaho          | 136.9                    | 92.5                    | 167.3                     | 166.6          | 563.4              | 17.13                   | 14.22      | 9.90       | 22.97          | 17.13 | 1,265.7                   | 725.9      | 1,067.2                 | 3,651.9        | 6,710.7            |
| Illinois       | 970.6                    | 808.9                   | 1,170.7                   | 1,008.3        | 3,958.5            | 15.55                   | 14.78      | 10.48      | 20.28          | 16.00 | 9,902.6                   | 6,651.5    | 6,319.1                 | 19,771.3       | 42,644.5           |
| Indiana        | 536.5                    | 366.8                   | 1,301.6                   | 572.6          | 2,777.5            | 20.36                   | 18.00      | 9.52       | 20.67          | 15.38 | 5,771.8                   | 3,500.8    | 7,924.7                 | 11,590.7       | 28,787.9           |
| Iowa           | 248.3                    | 201.1                   | 880.5                     | 304.5          | 1,634.3            | 18.09                   | 14.84      | 8.73       | 20.86          | 14.04 | 2,770.4                   | 1,810.1    | 4,454.2                 | 6,089.0        | 15,123.7           |
| Kansas         | 228.8                    | 218.7                   | 391.3                     | 284.3          | 1,123.2            | 19.69                   | 19.87      | 10.01      | 20.75          | 17.33 | 2,525.7                   | 2,062.8    | 1,989.1                 | 5,391.5        | 11,969.2           |
| Kentucky       | 352.2                    | 260.1                   | 612.6                     | 498.2          | 1,723.0            | 23.50                   | 21.18      | 9.55       | 19.89          | 17.31 | 3,635.5                   | 2,511.0    | 3,271.3                 | 9,613.1        | 19,031.0           |
| Louisiana      | 318.3                    | 259.8                   | 3,100.2                   | 616.2          | 4,294.5            | 24.21                   | 20.65      | 7.26       | 19.10          | 10.64 | 3,503.2                   | 2,588.4    | 15,114.8                | 8,636.1        | 29,842.4           |
| Maine          | 106.3                    | 67.6                    | 103.4                     | 106.4          | 383.7              | 25.22                   | 21.64      | 8.84       | 22.18          | 19.28 | 1,837.5                   | 979.4      | 715.8                   | 2,333.9        | 5,866.7            |
| Maryland       | 393.7                    | 396.5                   | 99.0                      | 463.3          | 1,352.6            | 25.60                   | 20.15      | 13.70      | 21.47          | 21.46 | 5,102.4                   | 4,031.8    | 1,003.5                 | 9,304.2        | 19,441.9           |
| Massachusetts  | 432.9                    | 409.7                   | 143.8                     | 481.5          | 1,467.9            | 27.09                   | 25.74      | 19.76      | 20.87          | 23.49 | 8,067.6                   | 6,021.5    | 1,973.3                 | 9,790.9        | 25,853.4           |
| Michigan       | 784.0                    | 612.4                   | 704.7                     | 781.2          | 2,882.3            | 17.08                   | 17.13      | 10.85      | 20.18          | 16.90 | 8,947.6                   | 5,962.0    | 4,754.7                 | 15,166.6       | 34,830.8           |
| Minnesota      | 418.2                    | 356.8                   | 622.2                     | 503.0          | 1,900.2            | 17.52                   | 15.58      | 10.86      | 20.57          | 16.56 | 4,708.2                   | 3,382.8    | 3,820.4                 | 10,072.5       | 21,983.8           |
| Mississippi    | 195.2                    | 154.1                   | 394.4                     | 342.7          | 1,086.3            | 26.87                   | 23.37      | 8.52       | 19.66          | 17.40 | 2,502.0                   | 1,785.0    | 1,972.2                 | 6,210.1        | 12,469.3           |
| Missouri       | 530.2                    | 407.1                   | 299.8                     | 567.1          | 1,804.3            | 21.15                   | 18.55      | 12.14      | 19.97          | 18.76 | 5,512.9                   | 3,507.6    | 2,298.5                 | 11,159.7       | 22,478.7           |
| Montana        | 105.7                    | 87.0                    | 137.0                     | 116.5          | 446.2              | 17.25                   | 15.26      | 11.71      | 22.78          | 18.00 | 1,018.3                   | 761.8      | 669.4                   | 2,574.9        | 5,024.5            |
| Nebraska       | 169.2                    | 148.3                   | 376.1                     | 900.6          | 1,594.2            | 17.57                   | 14.96      | 9.95       | 21.44          | 16.00 | 1,556.3                   | 1,133.1    | 1,882.1                 | 4,275.9        | 8,847.3            |
| Nevada         | 173.5                    | 153.9                   | 173.1                     | 273.5          | 774.0              | 21.33                   | 15.91      | 14.81      | 22.36          | 19.76 | 2,073.4                   | 1,353.9    | 1,566.7                 | 6,016.4        | 11,010.3           |
| New Hampshire  | 105.1                    | 71.0                    | 40.5                      | 103.2          | 319.8              | 27.26                   | 25.73      | 10.33      | 21.29          | 23.52 | 1,844.6                   | 1,033.4    | 477.2                   | 2,193.5        | 5,548.7            |
| New Jersey     | 563.1                    | 557.5                   | 260.3                     | 719.7          | 2,100.6            | 19.97                   | 20.46      | 16.65      | 20.13          | 19.87 | 7,528.8                   | 6,464.7    | 2,143.5                 | 14,296.2       | 30,433.2           |
| New Mexico     | 132.4                    | 129.2                   | 243.9                     | 230.1          | 735.6              | 16.88                   | 16.51      | 15.84      | 20.64          | 18.57 | 1,307.9                   | 1,118.4    | 1,042.2                 | 4,489.8        | 7,958.3            |
| New York       | 1,138.6                  | 1,122.0                 | 384.0                     | 1,211.4        | 3,855.9            | 22.07                   | 21.08      | 12.28      | 19.97          | 20.13 | 18,070.5                  | 14,132.9   | 3,199.9                 | 23,344.3       | 58,747.6           |
| North Carolina | 696.3                    | 577.8                   | 554.1                     | 824.6          | 2,652.8            | 27.77                   | 20.73      | 10.99      | 20.08          | 19.59 | 8,340.9                   | 5,306.4    | 4,021.3                 | 16,497.1       | 34,165.8           |
| North Dakota   | 78.9                     | 97.2                    | 360.5                     | 131.4          | 667.9              | 18.50                   | 16.95      | 9.12       | 22.20          | 14.55 | 762.2                     | 780.2      | 1,896.4                 | 2,491.1        | 5,929.9            |
| Ohio           | 875.8                    | 678.3                   | 1,186.8                   | 893.6          | 3,634.5            | 19.06                   | 16.09      | 10.79      | 21.19          | 16.98 | 9,995.8                   | 6,121.2    | 7,610.8                 | 18,260.1       | 41,987.8           |
| Oklahoma       | 298.9                    | 244.8                   | 667.8                     | 464.0          | 1,675.6            | 20.01                   | 16.45      | 7.67       | 19.86          | 15.54 | 3,228.1                   | 2,149.8    | 2,528.7                 | 8,097.1        | 16,003.7           |
| Oregon         | 255.4                    | 195.8                   | 264.4                     | 312.4          | 1,028.1            | 21.48                   | 18.96      | 10.55      | 24.64          | 19.89 | 2,843.6                   | 1,954.8    | 1,773.7                 | 7,547.3        | 14,119.5           |
| Pennsylvania   | 891.7                    | 601.5                   | 1,405.3                   | 917.1          | 3,815.5            | 22.89                   | 16.47      | 11.43      | 22.07          | 18.33 | 12,435.2                  | 5,817.0    | 8,411.2                 | 19,219.3       | 45,882.7           |
| Rhode Island   | 61.0                     | 48.1                    | 22.3                      | 59.0           | 190.3              | 27.58                   | 28.44      | 17.21      | 21.93          | 24.31 | 1,246.2                   | 826.4      | 324.3                   | 1,243.8        | 3,640.8            |
| South Carolina | 365.4                    | 271.6                   | 516.7                     | 474.8          | 1,628.5            | 32.37                   | 24.36      | 9.86       | 19.54          | 18.97 | 4,567.6                   | 2,772.6    | 3,005.7                 | 9,234.4        | 19,580.3           |
| South Dakota   | 74.2                     | 65.4                    | 163.6                     | 98.5           | 401.7              | 19.77                   | 17.23      | 9.58       | 21.51          | 16.65 | 798.6                     | 580.6      | 797.6                   | 1,965.9        | 4,142.8            |
| Tennessee      | 524.8                    | 447.1                   | 531.2                     | 667.4          | 2,170.4            | 24.05                   | 23.13      | 8.87       | 19.73          | 18.30 | 5,469.9                   | 4,571.5    | 3,010.8                 | 12,949.5       | 26,001.7           |
| Texas          | 1,767.3                  | 1,626.7                 | 7,499.3                   | 3,334.1        | 14,227.4           | 27.00                   | 18.31      | 8.64       | 18.63          | 14.08 | 21,251.8                  | 13,502.7   | 44,105.4                | 59,089.6       | 137,949.5          |
| Utah           | 187.8                    | 176.6                   | 217.8                     | 272.5          | 854.6              | 14.41                   | 14.42      | 12.15      | 22.03          | 17.44 | 1,696.7                   | 1,397.0    | 1,231.0                 | 5,704.0        | 10,028.8           |
| Vermont        | 47.8                     | 25.9                    | 16.8                      | 46.3           | 136.9              | 23.44                   | 21.32      | 19.76      | 22.31          | 22.17 | 917.1                     | 484.2      | 301.8                   | 1,032.7        | 2,735.8            |
| Virginia       | 571.7                    | 631.2                   | 436.1                     | 780.1          | 2,419.1            | 26.63                   | 18.80      | 9.42       | 19.43          | 18.62 | 7,272.1                   | 5,536.1    | 2,926.2                 | 14,871.3       | 30,605.7           |
| Washington     | 496.5                    | 370.2                   | 535.3                     | 674.0          | 2,076.0            | 19.63                   | 18.33      | 10.16      | 22.57          | 19.12 | 4,910.2                   | 3,395.4    | 2,561.1                 | 14,885.2       | 25,751.9           |
| West Virginia  | 156.1                    | 111.8                   | 375.3                     | 183.8          | 827.1              | 22.77                   | 17.07      | 11.96      | 21.83          | 17.82 | 1,645.8                   | 990.8      | 1,930.9                 | 3,445.4        | 8,012.8            |
| Wisconsin      | 447.2                    | 363.0                   | 584.3                     | 452.2          | 1,846.7            | 17.63                   | 16.69      | 10.87      | 21.53          | 16.92 | 4,951.9                   | 3,408.1    | 3,983.0                 | 9,644.2        | 21,987.3           |
| Wyoming        | 53.9                     | 57.3                    | 313.8                     | 115.8          | 540.8              | 17.48                   | 15.99      | 9.64       | 21.78          | 14.93 | 528.5                     | 479.5      | 1,468.6                 | 2,218.4        | 4,695.1            |
| United States  | 21,037.2                 | 17,981.5                | 32,738.8                  | 28,508.6       | 100,266.1          | 23.14                   | 20.40      | 9.92       | 20.83          | 17.96 | 264,302.3                 | 189,340.5  | 197,842.6               | 572,366.5      | 1,223,852.0        |

<sup>a</sup> Expenditure at the most detailed level is the product of price and adjusted consumption, the latter is consumption adjusted to remove quantities of processed fuel and intermediate products and those obtained at no cost.

<sup>b</sup> Distributed solar heat energy consumed in the commercial and industrial sectors that cannot be separately identified are included in residential consumption.

<sup>c</sup> U.S. total energy and U.S. industrial sector include -21.1 trillion Btu of net imports of coal coke that are not allocated to the states.

<sup>d</sup> U.S. total energy and U.S. industrial sector include -\$235.4 million of net imports of coal coke that are not allocated to the states.

Note: Totals may not equal sum of components due to independent rounding.

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