

S U M M A R I E S
Table E8. Primary Energy, Electricity, and Total Energy Expenditure Estimates, 2016
(Million Dollars)

| State | Primary Energy | | | | | | | | | | | Electric Power Sector ^{g,h,j} | Retail Electricity | Total Energy ^{g,i} | |
|----------------|----------------|--------------------------|---------------------|------------------|-----------------------|-----------------------------|-------------------|--------------------|--------------|---------|------------------------|--|--------------------|-----------------------------|-----------------------------|
| | Coal | Natural Gas ^a | Petroleum | | | | | | Nuclear Fuel | Biomass | Total ^{g,h,i} | | | | |
| | | | Distillate Fuel Oil | HGL ^b | Jet Fuel ^c | Motor Gasoline ^d | Residual Fuel Oil | Other ^e | | | | | | | Wood and Waste ^f |
| Alabama | 1,024.5 | 2,603.8 | 2,546.5 | 147.0 | 172.4 | 5,421.0 | 69.5 | 547.2 | 8,903.7 | 289.3 | 417.1 | 13,238.3 | -2,363.0 | 8,415.2 | 19,290.5 |
| Alaska | 99.7 | 499.6 | 1,089.0 | 19.6 | 1,043.8 | 847.5 | — | 237.9 | 3,237.8 | — | 7.8 | 3,845.0 | -305.7 | 1,088.4 | 4,627.7 |
| Arizona | 692.8 | 1,781.3 | 2,334.5 | 163.3 | 255.8 | 6,751.3 | — | 509.0 | 10,013.8 | 280.1 | 19.0 | 12,791.0 | -1,819.7 | 8,082.0 | 19,053.4 |
| Arkansas | 539.7 | 1,529.8 | 1,698.9 | 96.8 | 81.3 | 3,018.4 | (s) | 375.9 | 5,271.4 | 94.5 | 190.6 | 7,626.0 | -1,061.9 | 3,738.6 | 10,302.7 |
| California | 108.4 | 13,434.1 | 10,211.5 | 1,072.7 | 6,606.4 | 40,583.9 | 1,228.6 | 2,775.0 | 62,478.1 | 127.9 | 341.4 | 76,902.9 | -2,840.4 | 38,787.2 | 112,849.7 |
| Colorado | 601.4 | 1,945.1 | 1,570.3 | 274.6 | 4,933.2 | 513.7 | — | 503.8 | 7,795.6 | — | 37.7 | 10,379.8 | -915.3 | 5,362.7 | 14,827.2 |
| Connecticut | 9.5 | 1,635.2 | 1,545.2 | 262.1 | 99.1 | 3,382.8 | 5.8 | 294.6 | 5,589.5 | 123.1 | 55.8 | 7,429.4 | -644.3 | 4,988.8 | 11,773.9 |
| Delaware | 23.3 | 541.1 | 218.2 | 86.6 | 6.3 | 1,071.1 | 6.6 | 77.3 | 1,466.1 | — | 4.5 | 2,034.9 | -135.5 | 1,225.9 | 3,125.4 |
| Dist. of Col. | 0.1 | 287.0 | 43.6 | 0.4 | — | 276.1 | — | 38.5 | 358.6 | — | 1.8 | 647.6 | -1.8 | 1,336.6 | 1,982.4 |
| Florida | 1,290.2 | 6,124.9 | 4,932.2 | 366.8 | 1,572.1 | 18,473.3 | 547.5 | 1,131.6 | 27,023.5 | 198.6 | 429.9 | 35,067.2 | -6,260.2 | 23,348.4 | 52,155.4 |
| Georgia | 1,125.3 | 3,907.4 | 3,425.0 | 340.5 | 293.9 | 9,626.5 | 66.0 | 869.8 | 14,621.6 | 290.9 | 554.9 | 20,500.1 | -2,574.1 | 13,239.7 | 31,165.7 |
| Hawaii | 50.8 | 81.4 | 531.5 | 59.9 | 768.9 | 1,365.4 | 461.3 | 74.7 | 3,261.8 | — | 9.1 | 3,403.0 | -607.8 | 2,242.6 | 5,037.8 |
| Idaho | 5.4 | 578.0 | 1,137.3 | 91.4 | 55.3 | 1,771.0 | 0.1 | 172.5 | 3,227.7 | — | 66.4 | 3,877.9 | -73.9 | 1,864.6 | 5,668.6 |
| Illinois | 1,444.7 | 6,105.8 | 4,915.6 | 585.8 | 1,599.4 | 10,198.2 | 4.2 | 1,270.3 | 18,573.5 | 705.3 | 35.3 | 26,864.6 | -2,362.3 | 13,024.3 | 37,526.6 |
| Indiana | 2,346.1 | 3,787.1 | 3,767.6 | 276.6 | 480.8 | 6,446.0 | 9.2 | 823.5 | 11,803.6 | — | 33.9 | 17,971.2 | -2,301.1 | 9,454.5 | 25,124.6 |
| Iowa | 512.4 | 1,744.0 | 2,219.0 | 509.8 | 53.8 | 3,570.1 | 0.1 | 384.8 | 6,737.6 | 32.8 | 20.7 | 9,047.5 | -503.7 | 4,142.7 | 12,686.5 |
| Kansas | 431.5 | 1,280.6 | 1,803.0 | 116.1 | 84.8 | 2,806.0 | 26.4 | 283.6 | 5,120.1 | 56.8 | 11.7 | 6,900.7 | -559.3 | 4,188.6 | 10,530.1 |
| Kentucky | 1,584.9 | 1,344.5 | 2,418.8 | 324.4 | 661.0 | 4,679.2 | 0.3 | 636.1 | 8,719.9 | — | 82.5 | 11,731.8 | -1,763.9 | 6,222.9 | 16,190.8 |
| Louisiana | 420.7 | 4,348.9 | 2,881.2 | 3,284.6 | 1,544.1 | 4,488.0 | 125.1 | 4,039.3 | 16,362.2 | 104.7 | 341.1 | 21,577.6 | -1,500.8 | 6,340.9 | 26,417.7 |
| Maine | 9.4 | 344.3 | 1,129.7 | 251.3 | 67.9 | 1,786.0 | 26.9 | 133.9 | 3,395.7 | — | 217.7 | 4,115.6 | -303.1 | 1,465.2 | 5,277.7 |
| Maryland | 460.5 | 1,792.3 | 1,589.5 | 238.3 | 83.2 | 6,065.9 | 5.2 | 445.1 | 8,427.2 | 109.6 | 66.6 | 10,859.7 | -728.5 | 7,492.2 | 17,623.3 |
| Massachusetts | 82.0 | 3,245.1 | 2,339.4 | 298.5 | 633.5 | 6,147.7 | 27.7 | 519.3 | 9,966.2 | 37.7 | 81.0 | 13,442.2 | -722.6 | 8,812.1 | 21,531.8 |
| Michigan | 1,115.0 | 5,157.2 | 2,697.0 | 734.4 | 221.4 | 9,774.1 | 15.0 | 944.5 | 14,386.4 | 241.2 | 170.6 | 21,304.0 | -2,205.6 | 11,512.6 | 30,611.0 |
| Minnesota | 551.5 | 2,374.3 | 2,534.4 | 424.1 | 257.4 | 5,593.1 | 2.7 | 658.2 | 9,469.9 | 117.0 | 142.4 | 12,908.9 | -1,119.6 | 6,549.9 | 18,339.1 |
| Mississippi | 164.4 | 1,792.0 | 1,840.9 | 164.8 | 898.3 | 3,451.3 | 19.7 | 335.9 | 6,710.9 | 30.5 | 150.8 | 8,848.7 | -1,255.1 | 4,194.9 | 11,788.5 |
| Missouri | 1,210.5 | 1,958.6 | 2,817.6 | 275.4 | 161.6 | 6,464.7 | 0.8 | 593.2 | 10,313.3 | 87.6 | 56.0 | 13,626.0 | -1,416.2 | 7,660.5 | 19,870.3 |
| Montana | 271.9 | 371.1 | 813.7 | 131.3 | 54.4 | 1,219.0 | — | 183.7 | 2,402.3 | — | 13.8 | 3,064.0 | -289.7 | 1,199.2 | 3,973.6 |
| Nebraska | 329.3 | 799.9 | 1,709.0 | 97.9 | 73.0 | 1,924.8 | — | 203.8 | 4,008.4 | 66.7 | 7.7 | 5,212.0 | -385.8 | 2,732.2 | 7,558.4 |
| Nevada | 69.0 | 1,361.6 | 1,007.2 | 75.5 | 348.6 | 2,855.5 | — | 218.0 | 4,504.8 | — | 8.1 | 5,944.9 | -687.6 | 3,030.7 | 8,288.0 |
| New Hampshire | 21.5 | 409.6 | 608.3 | 373.6 | 25.6 | 1,554.0 | 10.7 | 120.9 | 2,693.2 | 79.9 | 124.1 | 3,334.4 | -348.5 | 1,707.2 | 4,693.1 |
| New Jersey | 56.0 | 3,959.5 | 2,783.0 | 460.7 | 1,744.7 | 8,965.3 | 168.8 | 646.5 | 14,769.1 | 215.5 | 66.1 | 19,070.3 | -1,028.8 | 10,006.3 | 28,047.8 |
| New Mexico | 375.3 | 686.3 | 1,452.2 | 128.1 | 68.9 | 1,973.3 | — | 277.9 | 3,900.4 | — | 24.5 | 4,986.8 | -627.7 | 2,081.7 | 6,440.8 |
| New York | 87.7 | 8,125.4 | 5,328.0 | 716.0 | 1,908.9 | 12,353.3 | 232.6 | 1,221.7 | 21,760.4 | 299.0 | 160.3 | 30,970.3 | -2,297.2 | 21,387.8 | 50,060.9 |
| North Carolina | 1,198.4 | 2,850.6 | 2,981.2 | 559.1 | 150.1 | 10,192.4 | 3.4 | 1,077.4 | 14,963.5 | 283.5 | 271.2 | 19,567.2 | -2,601.1 | 12,361.6 | 29,327.7 |
| North Dakota | 641.2 | 241.5 | 1,273.5 | 106.7 | 54.4 | 972.1 | — | 164.6 | 2,571.2 | — | 2.2 | 3,517.9 | -560.5 | 1,630.6 | 4,588.0 |
| Ohio | 1,869.5 | 4,929.3 | 4,576.6 | 496.3 | 656.9 | 11,067.6 | 27.9 | 1,441.1 | 18,266.4 | 120.1 | 93.2 | 25,278.6 | -2,143.2 | 14,699.8 | 37,835.2 |
| Oklahoma | 437.4 | 2,950.3 | 2,618.6 | 130.6 | 511.0 | 3,964.2 | 18.5 | 524.5 | 7,767.3 | — | 56.8 | 11,211.8 | -1,206.4 | 4,735.4 | 14,740.7 |
| Oregon | 43.7 | 1,303.7 | 1,654.9 | 98.2 | 290.7 | 3,966.0 | 4.7 | 412.1 | 6,426.5 | — | 153.5 | 7,956.0 | -351.4 | 4,181.8 | 11,786.4 |
| Pennsylvania | 1,640.5 | 5,791.6 | 5,381.7 | 918.8 | 657.1 | 11,211.1 | 23.4 | 1,377.0 | 19,568.9 | 588.2 | 204.7 | 27,803.3 | -2,761.6 | 14,702.2 | 39,743.9 |
| Rhode Island | — | 593.9 | 340.3 | 56.6 | 42.2 | 833.3 | 3.0 | 96.1 | 1,371.6 | — | 8.9 | 1,978.7 | -172.9 | 1,225.0 | 3,030.8 |
| South Carolina | 711.7 | 1,368.5 | 1,972.0 | 181.0 | 120.2 | 5,806.3 | 63.5 | 630.1 | 8,773.1 | 399.5 | 217.3 | 11,470.1 | -1,555.6 | 7,788.2 | 17,702.7 |
| South Dakota | 60.4 | 380.0 | 679.1 | 77.1 | 55.5 | 1,036.1 | 0.4 | 117.5 | 1,965.6 | — | 3.5 | 2,409.5 | -72.1 | 1,192.8 | 3,530.2 |
| Tennessee | 900.9 | 1,678.7 | 2,567.4 | 151.2 | 743.7 | 6,980.1 | 0.9 | 987.8 | 11,431.0 | 219.6 | 140.8 | 14,371.0 | -1,199.6 | 9,263.0 | 22,434.4 |
| Texas | 2,416.3 | 10,965.4 | 15,189.2 | 15,265.8 | 4,585.3 | 27,851.5 | 894.3 | 7,987.9 | 71,774.0 | 312.4 | 188.7 | 85,656.8 | -6,799.3 | 32,863.5 | 111,721.0 |
| Utah | 525.3 | 1,214.4 | 1,336.8 | 61.5 | 397.8 | 2,679.3 | — | 280.0 | 4,755.4 | — | 7.0 | 6,502.4 | -667.2 | 2,605.2 | 8,440.4 |
| Vermont | — | 102.6 | 438.5 | 219.4 | 17.1 | 699.1 | 1.7 | 85.5 | 1,461.4 | — | 41.3 | 1,872.4 | -282.8 | 797.9 | 2,387.5 |
| Virginia | 665.3 | 2,676.6 | 2,846.6 | 432.9 | 610.6 | 8,543.0 | 50.1 | 730.9 | 13,214.0 | 202.8 | 290.8 | 17,049.6 | -1,816.2 | 10,210.9 | 25,444.3 |
| Washington | 126.1 | 1,903.5 | 2,696.2 | 266.1 | 1,164.1 | 6,960.6 | 950.4 | 607.4 | 12,644.9 | 67.1 | 275.2 | 15,061.9 | -540.4 | 6,754.1 | 21,275.6 |
| West Virginia | 1,741.1 | 493.4 | 1,227.5 | 252.7 | 11.9 | 1,874.9 | 2.5 | 284.8 | 3,654.3 | — | 43.8 | 5,932.5 | -1,660.6 | 2,877.2 | 7,149.1 |
| Wisconsin | 819.9 | 2,625.9 | 2,261.8 | 391.3 | 97.5 | 5,709.2 | 6.5 | 746.8 | 9,213.1 | 75.4 | 163.3 | 12,897.4 | -1,207.2 | 7,434.0 | 19,124.2 |
| Wyoming | 781.4 | 377.9 | 1,181.4 | 67.1 | 32.3 | 777.3 | — | 176.8 | 2,234.9 | — | 4.0 | 3,398.2 | -730.0 | 1,316.8 | 3,985.0 |
| United States | 31,694.3 | 128,384.4 | 129,162.5 | 32,181.3 | 32,638.7 | 310,960.9 | 5,112.0 | 39,276.1 | 549,331.6 | 5,857.2 | 6,117.7 | 723,276.0 | -68,338.6 | 383,566.8 | 1,038,504.2 |

^a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.
^b Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.
^c Includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."
^d Motor gasoline as it is consumed; includes fuel ethanol blended into motor gasoline.
^e Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.
^f Wood, wood-derived fuels, and biomass waste.
^g There are no direct fuel costs for hydroelectric, geothermal, solar, or wind energy.
^h Electricity imports are included in these expenditures but not shown separately.
ⁱ The U.S. total includes -\$184 million of coal coke net imports, which are not allocated to the states.

^j Expenditures for fuels purchased for electric power generation, included in the expenditure columns for the primary energy sources, are shown as negative expenditures because they need to be removed from total energy expenditures, to avoid double-counting.
— = No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
Where shown, (s) = Value less than +0.05 and greater than -0.05 million dollars.
Note: Totals may not equal sum of components due to independent rounding.
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.