

S U M M A R I E S
Table E12. Industrial Sector Energy Expenditure Estimates, 2016
(Million Dollars)

| State | Primary Energy | | | | | | | | | | | | Retail Electricity | Total Energy ^{f,g} |
|----------------|----------------|------------|---------|--------------------------|---------------------|------------------|-----------------------------|-------------------|--------------------|----------|----------------------|-----------------------------|--------------------|-----------------------------|
| | Coal | | | Natural Gas ^a | Petroleum | | | | | Biomass | Total ^{f,g} | | | |
| | Coking Coal | Steam Coal | Total | | Distillate Fuel Oil | HGL ^b | Motor Gasoline ^c | Residual Fuel Oil | Other ^d | Total | | Wood and Waste ^e | | |
| Alabama | 124.9 | 98.0 | 222.9 | 693.9 | 274.2 | 10.4 | 70.4 | 43.1 | 330.6 | 728.8 | 390.3 | 2,035.8 | 1,945.0 | 3,980.8 |
| Alaska | — | 0.1 | 0.1 | 4.3 | 324.7 | 1.8 | 12.0 | — | 202.8 | 541.3 | 0.1 | 545.9 | 201.5 | 747.4 |
| Arizona | — | 11.7 | 11.7 | 114.4 | 396.2 | 21.6 | 170.2 | — | 302.3 | 890.3 | 0.3 | 1,016.7 | 908.7 | 1,925.4 |
| Arkansas | — | 14.3 | 14.3 | 470.8 | 250.1 | 17.6 | 63.4 | (s) | 247.7 | 578.8 | 158.8 | 1,222.7 | 971.4 | 2,194.1 |
| California | — | 108.4 | 108.4 | 4,258.7 | 987.6 | 324.0 | 662.1 | (s) | 1,719.4 | 3,693.1 | 54.5 | 8,114.7 | 5,747.6 | 13,862.3 |
| Colorado | — | 19.9 | 19.9 | 368.9 | 227.6 | 24.3 | 106.1 | — | 350.1 | 708.1 | 0.5 | 1,097.4 | 1,086.3 | 2,183.7 |
| Connecticut | — | — | — | 147.3 | 37.4 | 7.0 | 35.2 | 0.1 | 207.9 | 287.6 | 2.1 | 437.0 | 431.7 | 868.8 |
| Delaware | — | 7.2 | 7.2 | 195.7 | 16.6 | 10.0 | 13.0 | (s) | 50.3 | 89.9 | 0.1 | 293.0 | 160.3 | 453.3 |
| Dist. of Col. | — | — | — | — | 2.6 | — | 3.5 | — | 33.1 | 39.2 | — | 39.2 | 16.9 | 56.2 |
| Florida | — | 45.9 | 45.9 | 598.1 | 487.2 | 49.2 | 383.9 | 15.6 | 508.3 | 1,444.1 | 268.9 | 2,357.0 | 1,288.4 | 3,645.4 |
| Georgia | — | 42.2 | 42.2 | 624.5 | 405.9 | 68.6 | 106.0 | 8.0 | 537.5 | 1,126.0 | 504.2 | 2,296.8 | 1,884.2 | 4,181.0 |
| Hawaii | — | 0.9 | 0.9 | 8.5 | 11.1 | 0.4 | 34.2 | 8.9 | 46.4 | 101.1 | 2.6 | 113.2 | 758.5 | 871.7 |
| Idaho | — | 5.4 | 5.4 | 180.4 | 153.1 | 5.0 | 54.5 | 0.1 | 101.2 | 313.9 | 47.6 | 547.4 | 564.0 | 1,111.4 |
| Illinois | 100.8 | 114.9 | 215.7 | 1,116.5 | 499.1 | 287.0 | 180.9 | 4.2 | 903.2 | 1,874.3 | 2.8 | 3,209.2 | 2,633.0 | 5,842.2 |
| Indiana | 400.8 | 188.7 | 589.5 | 1,776.6 | 359.4 | 45.4 | 94.1 | 3.8 | 547.9 | 1,050.6 | 5.4 | 3,422.1 | 3,134.7 | 6,556.8 |
| Iowa | — | 107.4 | 107.4 | 891.2 | 551.2 | 324.6 | 75.8 | — | 242.3 | 1,193.8 | 4.7 | 2,197.2 | 1,333.5 | 3,530.7 |
| Kansas | — | 5.6 | 5.6 | 383.5 | 344.6 | 12.4 | 86.0 | 26.4 | 166.7 | 636.2 | 1.4 | 1,026.7 | 760.7 | 1,787.4 |
| Kentucky | — | 71.0 | 71.0 | 398.9 | 237.0 | 196.1 | 49.6 | 0.3 | 433.6 | 916.6 | 48.5 | 1,435.0 | 1,547.4 | 2,982.4 |
| Louisiana | — | 21.8 | 21.8 | 2,851.3 | 326.7 | 3,230.3 | 63.1 | 27.1 | 3,726.9 | 7,374.2 | 332.5 | 10,579.8 | 1,338.5 | 11,918.3 |
| Maine | — | 2.2 | 2.2 | 145.8 | 43.4 | 4.2 | 21.4 | 6.4 | 51.9 | 127.2 | 110.3 | 385.5 | 257.7 | 643.2 |
| Maryland | — | 30.9 | 30.9 | 135.5 | 69.7 | 22.5 | 52.0 | 0.8 | 282.2 | 427.3 | 22.3 | 616.0 | 301.4 | 917.4 |
| Massachusetts | — | 0.5 | 0.5 | 338.3 | 60.1 | 10.0 | 69.6 | 0.7 | 354.5 | 495.0 | 4.0 | 837.8 | 1,004.2 | 1,842.0 |
| Michigan | 84.4 | 54.9 | 139.3 | 963.4 | 272.5 | 58.2 | 137.6 | 1.1 | 642.8 | 1,112.3 | 80.0 | 2,295.0 | 2,107.2 | 4,402.2 |
| Minnesota | — | 53.9 | 53.9 | 627.2 | 465.0 | 95.5 | 114.1 | 0.2 | 466.0 | 1,140.8 | 67.5 | 1,889.4 | 1,468.4 | 3,357.8 |
| Mississippi | — | — | — | 388.5 | 164.0 | 15.1 | 31.2 | (s) | 184.8 | 395.0 | 137.5 | 921.1 | 872.6 | 1,793.7 |
| Missouri | — | 41.9 | 41.9 | 400.2 | 350.9 | 44.3 | 77.4 | 0.8 | 351.9 | 825.3 | 1.0 | 1,268.5 | 962.3 | 2,230.7 |
| Montana | — | 10.6 | 10.6 | 70.5 | 92.2 | 2.4 | 31.9 | — | 114.6 | 241.1 | 2.9 | 325.1 | 176.2 | 501.3 |
| Nebraska | — | 32.4 | 32.4 | 367.7 | 339.2 | 28.0 | 57.6 | — | 109.9 | 534.7 | 0.5 | 935.3 | 857.7 | 1,793.0 |
| Nevada | — | 19.9 | 19.9 | 107.9 | 228.5 | 9.5 | 45.3 | — | 138.0 | 421.4 | 0.2 | 549.4 | 794.5 | 1,343.9 |
| New Hampshire | — | — | — | 72.6 | 24.1 | 3.7 | 12.2 | 1.2 | 74.5 | 119.8 | 2.7 | 195.1 | 246.8 | 441.9 |
| New Jersey | — | — | — | 233.8 | 146.1 | 306.9 | 112.3 | — | 371.2 | 936.6 | 1.6 | 1,171.9 | 665.9 | 1,837.8 |
| New Mexico | — | 4.8 | 4.8 | 30.7 | 145.1 | 6.0 | 50.6 | — | 181.4 | 383.0 | 0.1 | 418.5 | 424.0 | 842.5 |
| New York | 11.1 | 39.5 | 50.6 | 456.7 | 121.6 | 39.5 | 249.8 | 17.5 | 808.1 | 1,236.6 | 28.7 | 1,772.6 | 1,067.8 | 2,840.4 |
| North Carolina | — | 51.2 | 51.2 | 572.9 | 277.3 | 92.4 | 116.3 | 2.5 | 765.2 | 1,253.7 | 190.2 | 2,068.0 | 1,725.5 | 3,793.5 |
| North Dakota | — | 174.7 | 174.7 | 73.6 | 390.3 | 25.1 | 33.9 | — | 107.0 | 556.1 | 1.3 | 805.7 | 568.4 | 1,374.1 |
| Ohio | 340.7 | 59.6 | 400.3 | 1,235.4 | 409.2 | 55.5 | 142.5 | 27.9 | 1,050.9 | 1,686.0 | 37.5 | 3,359.3 | 3,383.3 | 6,742.6 |
| Oklahoma | — | 34.1 | 34.1 | 1,314.5 | 277.7 | 11.5 | 80.7 | 18.5 | 342.7 | 731.0 | 43.3 | 2,123.0 | 826.1 | 2,949.1 |
| Oregon | — | — | — | 331.0 | 199.7 | 31.7 | 66.9 | 4.7 | 280.2 | 583.2 | 82.9 | 997.1 | 768.4 | 1,765.4 |
| Pennsylvania | 456.5 | 89.6 | 546.1 | 1,452.7 | 427.2 | 340.7 | 141.2 | 6.2 | 1,012.7 | 1,928.0 | 69.5 | 3,996.4 | 3,158.2 | 7,154.5 |
| Rhode Island | — | — | — | 73.7 | 8.7 | 6.9 | 11.2 | 1.8 | 75.3 | 103.9 | 0.1 | 177.8 | 103.0 | 280.8 |
| South Carolina | — | 30.4 | 30.4 | 370.2 | 129.9 | 29.1 | 50.8 | 8.4 | 424.7 | 642.8 | 194.3 | 1,237.7 | 1,625.5 | 2,863.2 |
| South Dakota | — | 8.2 | 8.2 | 213.0 | 130.3 | 17.1 | 23.1 | 0.4 | 72.2 | 243.1 | 0.3 | 464.7 | 212.9 | 677.6 |
| Tennessee | — | 166.1 | 166.1 | 517.4 | 152.0 | 15.5 | 98.4 | 0.9 | 739.2 | 1,006.0 | 120.6 | 1,810.1 | 1,301.2 | 3,111.3 |
| Texas | — | 55.1 | 55.1 | 3,633.0 | 2,107.4 | 14,704.7 | 301.8 | 111.4 | 6,714.7 | 23,940.0 | 139.0 | 27,767.0 | 5,317.0 | 33,084.0 |
| Utah | — | 28.8 | 28.8 | 172.4 | 152.3 | 13.6 | 39.0 | — | 180.4 | 385.3 | 0.2 | 586.7 | 554.8 | 1,141.5 |
| Vermont | — | — | — | 11.3 | 40.5 | 2.7 | 8.6 | 0.7 | 57.7 | 110.1 | 0.5 | 121.9 | 147.9 | 269.8 |
| Virginia | 101.2 | 52.6 | 153.9 | 390.8 | 208.6 | 37.2 | 65.2 | 16.1 | 454.4 | 781.5 | 150.3 | 1,476.5 | 1,156.9 | 2,633.4 |
| Washington | — | 10.6 | 10.6 | 338.3 | 241.3 | 59.8 | 102.3 | — | 341.9 | 745.3 | 203.8 | 1,298.1 | 1,065.4 | 2,363.5 |
| West Virginia | 57.2 | 64.2 | 121.4 | 75.5 | 131.5 | 175.3 | 27.1 | 2.5 | 203.4 | 539.9 | 1.3 | 738.2 | 843.5 | 1,581.7 |
| Wisconsin | — | 68.7 | 68.7 | 716.8 | 283.3 | 63.0 | 92.0 | 6.5 | 557.0 | 1,001.9 | 84.3 | 1,871.6 | 1,792.1 | 3,663.7 |
| Wyoming | — | 68.5 | 68.5 | 175.1 | 257.3 | 3.3 | 20.6 | — | 121.9 | 403.1 | 0.1 | 646.9 | 656.8 | 1,303.7 |
| United States | 1,677.6 | 2,117.5 | 3,795.1 | 31,090.2 | 14,239.2 | 20,966.4 | 4,752.9 | 374.9 | 28,291.5 | 68,624.8 | 3,604.4 | 106,930.4 | 63,125.8 | 170,056.2 |

^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 Motor gasoline as it is consumed; includes fuel ethanol blended into motor gasoline.

^d Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.

^e Wood, wood-derived fuels, and biomass waste.

^f There are no direct fuel costs for hydroelectric, geothermal, solar, or wind energy.

^g The U.S. total includes -\$184 million of coal coke net imports, which are not allocated to the states.

— = 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 million dollars.

Notes: Totals may not equal sum of components due to independent rounding. • The industrial sector includes industrial combined-heat-and-power (CHP) and industrial 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.