

Table CO2.9. Total CO2 emissions estimates from energy consumption by sector, ranked by state, 2023

| Rank | Residential          |                         | Commercial           |                         | Industrial <sup>a</sup> |                         | Transportation       |                         | Electric power       |                         | Total <sup>a</sup>   |                         |
|------|----------------------|-------------------------|----------------------|-------------------------|-------------------------|-------------------------|----------------------|-------------------------|----------------------|-------------------------|----------------------|-------------------------|
|      | State                | Million metric tons CO2 | State                | Million metric tons CO2 | State                   | Million metric tons CO2 | State                | Million metric tons CO2 | State                | Million metric tons CO2 | State                | Million metric tons CO2 |
| 1    | New York             | 31.7                    | New York             | 21.4                    | Texas                   | 235.8                   | Texas                | 223.0                   | Texas                | 185.3                   | Texas                | 669.9                   |
| 2    | California           | 26.9                    | California           | 20.5                    | Louisiana               | 106.8                   | California           | 181.3                   | Florida              | 89.5                    | California           | 324.3                   |
| 3    | Illinois             | 21.6                    | Texas                | 14.1                    | California              | 60.9                    | Florida              | 120.4                   | Pennsylvania         | 66.5                    | Florida              | 229.5                   |
| 4    | Michigan             | 18.2                    | Illinois             | 13.6                    | Pennsylvania            | 48.8                    | New York             | 77.6                    | Ohio                 | 62.3                    | Pennsylvania         | 200.9                   |
| 5    | Pennsylvania         | 18.0                    | Ohio                 | 11.7                    | Indiana                 | 42.9                    | Georgia              | 62.4                    | Indiana              | 59.2                    | Ohio                 | 184.2                   |
| 6    | Ohio                 | 16.3                    | Pennsylvania         | 11.4                    | Ohio                    | 36.0                    | Illinois             | 59.8                    | Kentucky             | 50.7                    | Louisiana            | 183.8                   |
| 7    | New Jersey           | 13.8                    | Michigan             | 10.6                    | Illinois                | 33.9                    | Ohio                 | 57.8                    | Michigan             | 47.5                    | Illinois             | 166.6                   |
| 8    | Texas                | 11.8                    | New Jersey           | 9.5                     | Oklahoma                | 23.9                    | Pennsylvania         | 56.2                    | West Virginia        | 46.6                    | New York             | 164.9                   |
| 9    | Massachusetts        | 11.7                    | Massachusetts        | 7.5                     | Alaska                  | 21.5                    | North Carolina       | 56.1                    | Missouri             | 45.6                    | Indiana              | 153.9                   |
| 10   | Minnesota            | 9.3                     | Minnesota            | 7.1                     | Iowa                    | 21.1                    | Virginia             | 51.0                    | Alabama              | 43.5                    | Michigan             | 141.1                   |
| 11   | Wisconsin            | 8.9                     | Wisconsin            | 6.8                     | Michigan                | 17.9                    | Louisiana            | 47.0                    | Georgia              | 39.9                    | Georgia              | 125.7                   |
| 12   | Colorado             | 8.3                     | Florida              | 6.5                     | Alabama                 | 17.4                    | Michigan             | 47.0                    | Illinois             | 37.8                    | North Carolina       | 111.4                   |
| 13   | Indiana              | 7.7                     | Indiana              | 5.7                     | North Dakota            | 16.8                    | New Jersey           | 45.0                    | North Carolina       | 36.1                    | Kentucky             | 104.8                   |
| 14   | Georgia              | 7.1                     | Virginia             | 5.7                     | Minnesota               | 16.6                    | Tennessee            | 45.0                    | California           | 34.7                    | Missouri             | 101.5                   |
| 15   | Connecticut          | 6.8                     | Maryland             | 5.0                     | Kentucky                | 15.0                    | Washington           | 42.5                    | Arizona              | 34.5                    | Alabama              | 101.0                   |
| 16   | Missouri             | 6.1                     | North Carolina       | 4.9                     | Tennessee               | 13.5                    | Indiana              | 38.3                    | Wyoming              | 33.6                    | Virginia             | 94.6                    |
| 17   | Washington           | 5.8                     | Washington           | 4.8                     | Kansas                  | 13.2                    | Arizona              | 37.7                    | Wisconsin            | 30.1                    | New Jersey           | 91.2                    |
| 18   | Virginia             | 5.7                     | Colorado             | 4.6                     | West Virginia           | 12.0                    | Missouri             | 37.2                    | Arkansas             | 27.4                    | Tennessee            | 88.5                    |
| 19   | Maryland             | 5.3                     | Georgia              | 4.4                     | Georgia                 | 12.0                    | Alabama              | 36.2                    | Colorado             | 27.0                    | Oklahoma             | 86.9                    |
| 20   | North Carolina       | 4.9                     | Missouri             | 4.3                     | Colorado                | 11.8                    | Kentucky             | 33.8                    | Mississippi          | 26.5                    | Wisconsin            | 86.2                    |
| 21   | Utah                 | 4.7                     | Connecticut          | 4.2                     | Florida                 | 11.6                    | South Carolina       | 31.8                    | Louisiana            | 26.3                    | Arizona              | 83.0                    |
| 22   | Iowa                 | 4.6                     | Tennessee            | 3.9                     | Wyoming                 | 11.4                    | Oklahoma             | 30.9                    | North Dakota         | 26.1                    | Colorado             | 82.2                    |
| 23   | Tennessee            | 3.9                     | Iowa                 | 3.6                     | Wisconsin               | 10.9                    | Colorado             | 30.5                    | New York             | 26.0                    | Minnesota            | 80.8                    |
| 24   | Kansas               | 3.7                     | Utah                 | 3.4                     | Mississippi             | 10.9                    | Wisconsin            | 29.5                    | South Carolina       | 25.4                    | Washington           | 76.3                    |
| 25   | Oklahoma             | 3.7                     | Arizona              | 3.4                     | Washington              | 10.9                    | Minnesota            | 29.4                    | Oklahoma             | 25.3                    | West Virginia        | 74.6                    |
| 26   | Nevada               | 3.0                     | Arkansas             | 3.4                     | Virginia                | 10.8                    | Massachusetts        | 28.5                    | Tennessee            | 22.2                    | South Carolina       | 68.8                    |
| 27   | Oregon               | 3.0                     | Oklahoma             | 3.2                     | North Carolina          | 9.4                     | Maryland             | 27.5                    | Virginia             | 21.4                    | Iowa                 | 68.0                    |
| 28   | Maine                | 2.8                     | Kansas               | 2.8                     | New Jersey              | 9.3                     | Mississippi          | 23.5                    | Utah                 | 20.9                    | Mississippi          | 63.8                    |
| 29   | Arizona              | 2.8                     | Oregon               | 2.6                     | Nebraska                | 9.0                     | Oregon               | 19.6                    | Kansas               | 19.7                    | Arkansas             | 60.4                    |
| 30   | Kentucky             | 2.7                     | Kentucky             | 2.6                     | New Mexico              | 8.9                     | Utah                 | 19.5                    | Iowa                 | 19.3                    | Kansas               | 57.8                    |
| 31   | New Hampshire        | 2.5                     | Nevada               | 2.5                     | Arkansas                | 8.4                     | Iowa                 | 19.5                    | Minnesota            | 18.4                    | Massachusetts        | 56.8                    |
| 32   | Nebraska             | 2.4                     | Alaska               | 2.3                     | Missouri                | 8.3                     | Arkansas             | 19.4                    | Nebraska             | 18.4                    | Utah                 | 55.0                    |
| 33   | Idaho                | 2.3                     | South Carolina       | 2.2                     | New York                | 8.2                     | Nevada               | 18.6                    | New Mexico           | 13.6                    | Wyoming              | 54.3                    |
| 34   | New Mexico           | 2.3                     | Nebraska             | 2.2                     | South Carolina          | 7.3                     | Kansas               | 18.5                    | New Jersey           | 13.5                    | North Dakota         | 54.3                    |
| 35   | Rhode Island         | 2.0                     | Louisiana            | 2.1                     | Utah                    | 6.5                     | New Mexico           | 15.6                    | Montana              | 13.5                    | Maryland             | 48.6                    |
| 36   | South Carolina       | 1.9                     | Alabama              | 2.1                     | Arizona                 | 4.6                     | Alaska               | 14.7                    | Washington           | 12.4                    | Nebraska             | 45.6                    |
| 37   | Arkansas             | 1.8                     | New Mexico           | 1.9                     | Oregon                  | 4.5                     | Connecticut          | 14.4                    | Nevada               | 12.2                    | Alaska               | 43.2                    |
| 38   | Montana              | 1.8                     | Maine                | 1.8                     | Montana                 | 4.4                     | Nebraska             | 13.6                    | Connecticut          | 9.2                     | New Mexico           | 42.2                    |
| 39   | Alabama              | 1.8                     | Montana              | 1.8                     | South Dakota            | 3.8                     | West Virginia        | 12.9                    | Oregon               | 9.2                     | Nevada               | 39.3                    |
| 40   | Alaska               | 1.7                     | Idaho                | 1.6                     | Delaware                | 3.6                     | Idaho                | 11.6                    | Maryland             | 8.3                     | Oregon               | 38.9                    |
| 41   | Louisiana            | 1.6                     | West Virginia        | 1.6                     | Idaho                   | 3.3                     | Hawaii               | 11.4                    | Massachusetts        | 6.0                     | Connecticut          | 36.2                    |
| 42   | West Virginia        | 1.5                     | Mississippi          | 1.5                     | Nevada                  | 3.1                     | North Dakota         | 8.9                     | Hawaii               | 5.3                     | Montana              | 29.4                    |
| 43   | Florida              | 1.4                     | New Hampshire        | 1.4                     | Massachusetts           | 3.1                     | Montana              | 7.9                     | Rhode Island         | 3.9                     | Idaho                | 21.3                    |
| 44   | Mississippi          | 1.4                     | North Dakota         | 1.3                     | Maryland                | 2.5                     | Maine                | 7.9                     | Alaska               | 2.9                     | Hawaii               | 18.0                    |
| 45   | Vermont              | 1.3                     | Wyoming              | 1.0                     | Connecticut             | 1.5                     | Wyoming              | 7.3                     | South Dakota         | 2.7                     | Maine                | 15.6                    |
| 46   | North Dakota         | 1.2                     | Vermont              | 0.9                     | Maine                   | 1.4                     | New Hampshire        | 6.9                     | Idaho                | 2.5                     | South Dakota         | 15.1                    |
| 47   | South Dakota         | 1.0                     | Rhode Island         | 0.9                     | Hawaii                  | 0.9                     | South Dakota         | 6.7                     | New Hampshire        | 1.9                     | New Hampshire        | 13.5                    |
| 48   | Wyoming              | 1.0                     | District of Columbia | 0.9                     | New Hampshire           | 0.8                     | Delaware             | 5.4                     | Maine                | 1.6                     | Delaware             | 12.2                    |
| 49   | Delaware             | 0.9                     | South Dakota         | 0.9                     | Rhode Island            | 0.6                     | Rhode Island         | 3.8                     | Delaware             | 1.5                     | Rhode Island         | 11.1                    |
| 50   | District of Columbia | 0.6                     | Delaware             | 0.8                     | Vermont                 | 0.4                     | Vermont              | 2.9                     | (s)                  | (s)                     | Vermont              | 5.4                     |
| 51   | Hawaii               | (s)                     | Hawaii               | 0.4                     | District of Columbia    | (s)                     | District of Columbia | 1.0                     | District of Columbia | —                       | District of Columbia | 2.5                     |
|      | United States        | 313.3                   | United States        | 245.3                   | United States           | 954.4                   | United States        | 1,854.9                 | United States        | 1,414.1                 | United States        | 4,785.6                 |

<sup>a</sup> U.S. total includes net imports of coal coke not allocated to the states.

— = No consumption. Where shown, (s) = Value less than 0.05 million metric tons.

Notes: • Data are carbon dioxide (CO2) emissions estimates from fossil fuels primary energy consumption, excluding renewable energy and net interstate flow of electricity. The state data do not account for interstate flow of electricity and represent CO2 emissions in the state where fossil fuels are burned to generate electricity, although the electricity might be sold to ultimate customers in other states and sectors. • 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>.Data source: Table by the U.S. Energy Information Administration, State Energy Data System. See technical notes. <https://www.eia.gov/state/seds/>