

Table 12.5 Carbon Dioxide Emissions From Energy Consumption: Transportation Sector
(Million Metric Tons of Carbon Dioxide^a)

| | Coal | Natural Gas ^b | Petroleum | | | | | | | Retail Electricity ^f | Total ^g | |
|--------------------|------|--------------------------|-------------------|----------------------------------|----------|------------------|------------|-----------------------------|-------------------|---------------------------------|--------------------|-------|
| | | | Aviation Gasoline | Distillate Fuel Oil ^c | Jet Fuel | LPG ^d | Lubricants | Motor Gasoline ^e | Residual Fuel Oil | | | Total |
| 1973 Total | (s) | 39 | 6 | 163 | 152 | 3 | 6 | 886 | 57 | 1,273 | 2 | 1,315 |
| 1975 Total | (s) | 32 | 5 | 155 | 145 | 3 | 6 | 889 | 56 | 1,258 | 2 | 1,292 |
| 1980 Total | (h) | 34 | 4 | 204 | 155 | 1 | 6 | 881 | 110 | 1,363 | 2 | 1,400 |
| 1985 Total | (h) | 28 | 3 | 232 | 178 | 2 | 6 | 908 | 62 | 1,391 | 3 | 1,421 |
| 1990 Total | (h) | 36 | 3 | 268 | 223 | 1 | 7 | 967 | 80 | 1,548 | 3 | 1,588 |
| 1995 Total | (h) | 38 | 3 | 307 | 222 | 1 | 6 | 1,029 | 72 | 1,640 | 3 | 1,681 |
| 1996 Total | (h) | 39 | 3 | 327 | 232 | 1 | 6 | 1,047 | 67 | 1,683 | 3 | 1,725 |
| 1997 Total | (h) | 41 | 3 | 341 | 234 | 1 | 6 | 1,057 | 56 | 1,700 | 3 | 1,744 |
| 1998 Total | (h) | 35 | 2 | 352 | 238 | 1 | 7 | 1,090 | 53 | 1,743 | 3 | 1,782 |
| 1999 Total | (h) | 36 | 3 | 365 | 245 | 1 | 7 | 1,115 | 52 | 1,789 | 3 | 1,828 |
| 2000 Total | (h) | 36 | 3 | 377 | 254 | 1 | 7 | 1,122 | 70 | 1,833 | 4 | 1,873 |
| 2001 Total | (h) | 35 | 2 | 387 | 243 | 1 | 6 | 1,128 | 46 | 1,813 | 4 | 1,852 |
| 2002 Total | (h) | 37 | 2 | 394 | 237 | 1 | 6 | 1,158 | 53 | 1,852 | 4 | 1,892 |
| 2003 Total | (h) | 33 | 2 | 408 | 231 | 1 | 6 | 1,161 | 45 | 1,854 | 5 | 1,892 |
| 2004 Total | (h) | 32 | 2 | 433 | 240 | 1 | 6 | 1,181 | 58 | 1,922 | 5 | 1,959 |
| 2005 Total | (h) | 33 | 2 | 444 | 246 | 2 | 6 | 1,182 | 66 | 1,948 | 5 | 1,986 |
| 2006 Total | (h) | 33 | 2 | 467 | 240 | 2 | 5 | 1,188 | 71 | 1,976 | 5 | 2,014 |
| 2007 Total | (h) | 35 | 2 | 469 | 238 | 1 | 6 | 1,186 | 78 | 1,980 | 5 | 2,021 |
| 2008 Total | (h) | 37 | 2 | 424 | 226 | 3 | 5 | 1,124 | 73 | 1,856 | 5 | 1,898 |
| 2009 Total | (h) | 38 | 2 | 405 | 204 | 2 | 5 | 1,109 | 62 | 1,789 | 5 | 1,832 |
| 2010 Total | (h) | 38 | 2 | 426 | 210 | 2 | 5 | 1,091 | 70 | 1,806 | 5 | 1,849 |
| 2011 Total | (h) | 39 | 2 | 437 | 209 | 2 | 5 | 1,058 | 61 | 1,774 | 4 | 1,818 |
| 2012 Total | (h) | 41 | 2 | 416 | 206 | 2 | 5 | 1,051 | 53 | 1,735 | 4 | 1,780 |
| 2013 Total | (h) | 47 | 2 | 424 | 210 | 3 | 5 | 1,066 | 46 | 1,756 | 4 | 1,807 |
| 2014 January | (h) | 5 | (s) | 35 | 17 | (s) | (s) | 85 | 2 | 140 | (s) | 145 |
| February | (h) | 4 | (s) | 32 | 16 | (s) | (s) | 80 | 2 | 130 | (s) | 134 |
| March | (h) | 4 | (s) | 36 | 18 | (s) | (s) | 89 | 2 | 146 | (s) | 150 |
| April | (h) | 3 | (s) | 37 | 18 | (s) | (s) | 89 | 3 | 148 | (s) | 151 |
| May | (h) | 3 | (s) | 38 | 17 | (s) | (s) | 93 | 3 | 152 | (s) | 155 |
| June | (h) | 3 | (s) | 38 | 19 | (s) | (s) | 90 | 3 | 150 | (s) | 153 |
| July | (h) | 3 | (s) | 40 | 19 | (s) | (s) | 95 | 3 | 158 | (s) | 161 |
| August | (h) | 3 | (s) | 40 | 19 | (s) | (s) | 96 | 3 | 158 | (s) | 161 |
| September | (h) | 3 | (s) | 37 | 18 | (s) | (s) | 88 | 3 | 146 | (s) | 150 |
| October | (h) | 3 | (s) | 39 | 18 | (s) | (s) | 94 | 3 | 155 | (s) | 159 |
| November | (h) | 4 | (s) | 35 | 18 | (s) | (s) | 88 | 4 | 146 | (s) | 150 |
| December | (h) | 4 | (s) | 37 | 19 | (s) | (s) | 92 | 3 | 152 | (s) | 156 |
| Total | (h) | 40 | 2 | 443 | 216 | 3 | 5 | 1,077 | 35 | 1,780 | 4 | 1,824 |
| 2015 January | (h) | 4 | (s) | 34 | 17 | (s) | 1 | 89 | 3 | 144 | (s) | 149 |
| February | (h) | 4 | (s) | 33 | 16 | (s) | (s) | 82 | (s) | 132 | (s) | 137 |
| March | (h) | 4 | (s) | 37 | 19 | (s) | 1 | 93 | 3 | 153 | (s) | 157 |
| April | (h) | 3 | (s) | 37 | 18 | (s) | (s) | 91 | 2 | 150 | (s) | 153 |
| May | (h) | 3 | (s) | 38 | 19 | (s) | 1 | 95 | 3 | 155 | (s) | 158 |
| June | (h) | 3 | (s) | 38 | 20 | (s) | (s) | 93 | 2 | 155 | (s) | 158 |
| July | (h) | 3 | (s) | 40 | 21 | (s) | 1 | 97 | 4 | R 163 | (s) | 166 |
| August | (h) | 3 | (s) | 40 | 20 | (s) | (s) | 97 | 4 | 161 | (s) | 165 |
| September | (h) | 3 | (s) | 38 | 18 | (s) | (s) | 92 | 3 | 152 | (s) | R 156 |
| October | (h) | 3 | (s) | 38 | 20 | (s) | (s) | 95 | 3 | 156 | (s) | 159 |
| November | (h) | 3 | (s) | 34 | 18 | (s) | (s) | 90 | 4 | 147 | (s) | 150 |
| December | (h) | 4 | (s) | 35 | 20 | (s) | (s) | 94 | 4 | 153 | (s) | 157 |
| Total | (h) | 39 | 1 | 441 | 227 | 3 | 5 | 1,107 | 36 | 1,821 | 4 | 1,864 |
| 2016 January | (h) | 4 | (s) | 32 | 18 | (s) | (s) | 89 | 4 | 144 | (s) | 149 |
| February | (h) | 4 | (s) | 31 | 18 | (s) | (s) | 88 | 2 | 140 | (s) | 144 |
| March | (h) | 3 | (s) | 36 | 19 | (s) | (s) | 96 | 5 | 157 | (s) | 161 |
| April | (h) | 3 | (s) | 35 | 19 | (s) | (s) | 91 | 6 | 153 | (s) | 156 |
| May | (h) | 3 | (s) | 37 | 19 | (s) | (s) | 97 | 4 | 158 | (s) | 161 |
| June | (h) | 3 | (s) | 37 | 21 | (s) | (s) | 96 | 5 | 160 | (s) | 163 |
| July | (h) | 3 | (s) | 38 | 21 | (s) | (s) | 98 | 6 | 164 | (s) | 167 |
| August | (h) | 3 | (s) | 40 | 21 | (s) | (s) | 98 | 4 | 164 | (s) | 168 |
| September | (h) | 3 | (s) | 37 | 20 | (s) | (s) | 94 | 4 | 155 | (s) | 158 |
| 9-Month Total | (h) | 29 | 1 | 323 | 176 | 2 | 4 | 847 | 41 | 1,395 | 3 | 1,427 |
| 2015 9-Month Total | (h) | 29 | 1 | 335 | 169 | 2 | 4 | 828 | 25 | 1,365 | 3 | 1,397 |
| 2014 9-Month Total | (h) | 30 | 1 | 331 | 160 | 2 | 4 | 803 | 25 | 1,326 | 3 | 1,359 |

^a Metric tons of carbon dioxide can be converted to metric tons of carbon equivalent by multiplying by 12/44.
^b Natural gas, excluding supplemental gaseous fuels.
^c Distillate fuel oil, excluding biodiesel.
^d Liquefied petroleum gases.
^e Finished motor gasoline, excluding fuel ethanol.
^f Emissions from energy consumption (for electricity and a small amount of useful thermal output) in the electric power sector are allocated to the end-use sectors in proportion to each sector's share of total electricity retail sales. See Tables 7.6 and 12.6.
^g Excludes emissions from biomass energy consumption. See Table 12.7.
^h Beginning in 1978, the small amounts of coal consumed for transportation are reported as industrial sector consumption.

R=Revised. (s)=Less than 0.5 million metric tons.
 Notes: • Data are estimates for carbon dioxide emissions from energy consumption, including the nonfuel use of fossil fuels. See "Section 12 Methodology and Sources" at end of section. • See "Carbon Dioxide" in Glossary. • See Note 1, "Emissions of Carbon Dioxide and Other Greenhouse Gases," at end of section. • Data exclude emissions from biomass energy consumption. See Table 12.7 and Note 2, "Accounting for Carbon Dioxide Emissions From Biomass Energy Combustion," at end of section. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 states and the District of Columbia.
 Web Page: See <http://www.eia.gov/totalenergy/data/monthly/#environment> (Excel and CSV files) for all available annual and monthly data beginning in 1973.
 Sources: See end of section.