

**Table 12.5 Carbon Dioxide Emissions From Energy Consumption: Transportation Sector**  
(Million Metric Tons of Carbon Dioxide<sup>a</sup>)

	Coal	Natural Gas <sup>b</sup>	Petroleum							Retail Electricity <sup>f</sup>	Total <sup>g</sup>	
			Aviation Gasoline	Distillate Fuel Oil <sup>c</sup>	HGL <sup>d</sup>	Jet Fuel	Lubricants	Motor Gasoline <sup>e</sup>	Residual Fuel Oil			Total
1973 Total	(s)	39	6	163	3	152	6	886	57	1,273	2	1,315
1975 Total	(s)	32	5	155	3	145	6	889	56	1,258	2	1,292
1980 Total	(h)	34	4	204	1	155	6	881	110	1,363	2	1,400
1985 Total	(h)	28	3	232	2	178	6	908	62	1,391	3	1,421
1990 Total	(h)	36	3	268	1	223	7	967	80	1,548	3	1,588
1995 Total	(h)	38	3	307	1	222	6	1,026	72	1,637	3	1,679
1996 Total	(h)	39	3	327	1	232	6	1,046	67	1,681	3	1,724
1997 Total	(h)	41	3	341	1	234	6	1,055	56	1,698	3	1,742
1998 Total	(h)	35	2	352	1	238	7	1,088	53	1,741	3	1,779
1999 Total	(h)	36	3	365	1	245	7	1,113	52	1,786	3	1,826
2000 Total	(h)	36	3	377	1	254	7	1,119	70	1,830	4	1,870
2001 Total	(h)	35	2	387	1	243	6	1,125	46	1,810	4	1,849
2002 Total	(h)	37	2	394	1	237	6	1,156	53	1,849	4	1,890
2003 Total	(h)	33	2	408	1	231	6	1,159	45	1,853	5	1,891
2004 Total	(h)	32	2	433	1	240	6	1,180	58	1,921	5	1,957
2005 Total	(h)	33	2	444	2	246	6	1,180	66	1,946	5	1,984
2006 Total	(h)	33	2	467	2	240	5	1,187	71	1,974	5	2,012
2007 Total	(h)	35	2	469	1	238	6	1,183	78	1,977	5	2,018
2008 Total	(h)	37	2	424	3	226	5	1,119	73	1,852	5	1,893
2009 Total	(h)	38	2	R 400	2	204	5	1,107	62	R 1,782	5	R 1,825
2010 Total	(h)	38	2	R 423	1	210	6	1,089	70	R 1,800	5	R 1,843
2011 Total	(h)	39	2	R 431	1	209	6	1,057	61	R 1,766	4	R 1,809
2012 Total	(h)	41	2	R 411	1	206	5	1,051	53	R 1,728	4	R 1,774
2013 Total	(h)	47	2	R 416	1	210	5	1,066	46	R 1,745	4	R 1,797
2014 Total	(h)	40	2	R 435	1	216	6	1,077	35	R 1,771	4	R 1,815
2015 Total	(h)	40	1	R 441	1	227	6	1,083	37	R 1,796	4	R 1,839
2016 January	(h)	5	(s)	R 33	(s)	18	1	87	4	143	(s)	148
February	(h)	4	(s)	R 32	(s)	18	1	86	2	139	(s)	R 143
March	(h)	3	(s)	R 36	(s)	19	1	94	5	R 155	(s)	159
April	(h)	3	(s)	36	(s)	19	(s)	89	6	R 150	(s)	R 153
May	(h)	3	(s)	R 37	(s)	20	(s)	94	4	R 156	(s)	R 159
June	(h)	3	(s)	R 38	(s)	21	1	93	4	R 156	(s)	R 160
July	(h)	3	(s)	R 37	(s)	21	(s)	96	5	R 161	(s)	R 164
August	(h)	3	(s)	R 39	(s)	21	(s)	97	4	R 162	(s)	R 166
September	(h)	3	(s)	R 36	(s)	20	(s)	92	3	R 152	(s)	R 155
October	(h)	3	(s)	R 38	(s)	20	(s)	91	4	R 154	(s)	R 157
November	(h)	3	(s)	R 35	(s)	20	(s)	89	4	R 148	(s)	R 152
December	(h)	4	(s)	R 35	(s)	21	(s)	93	4	R 153	(s)	R 157
Total	(h)	40	1	R 431	1	237	6	1,102	49	R 1,827	4	R 1,871
2017 January	(h)	5	(s)	33	(s)	20	1	85	7	R 145	(s)	R 150
February	(h)	4	(s)	32	(s)	17	(s)	81	3	R 134	(s)	R 138
March	(h)	4	(s)	R 37	(s)	21	1	93	4	R 156	(s)	R 160
April	(h)	3	(s)	R 35	(s)	20	(s)	90	4	R 149	(s)	R 153
May	(h)	3	(s)	R 38	(s)	21	(s)	96	5	R 160	(s)	R 163
June	(h)	3	(s)	R 38	(s)	21	(s)	95	4	R 158	(s)	R 162
July	(h)	3	(s)	R 38	(s)	22	(s)	96	4	R 160	(s)	R 164
August	(h)	3	(s)	R 40	(s)	22	(s)	98	4	R 164	(s)	R 168
September	(h)	3	(s)	R 37	(s)	20	(s)	91	4	R 152	(s)	R 155
October	(h)	3	(s)	R 39	(s)	22	(s)	94	4	R 159	(s)	R 162
November	(h)	4	(s)	R 36	(s)	20	(s)	88	5	R 150	(s)	R 154
December	(h)	5	(s)	R 35	(s)	22	(s)	92	4	R 154	(s)	R 159
Total	(h)	42	1	R 438	1	247	5	1,098	52	R 1,842	4	R 1,888
2018 January	(h)	5	(s)	R 34	(s)	20	(s)	87	3	R 145	(s)	R 150
February	(h)	4	(s)	32	(s)	18	(s)	80	3	R 133	(s)	R 138
March	(h)	4	(s)	R 37	(s)	21	(s)	95	3	R 157	(s)	R 161
April	(h)	4	(s)	R 37	(s)	20	(s)	89	5	R 152	(s)	R 156
May	(h)	3	(s)	41	(s)	21	(s)	95	4	R 162	(s)	R 165
June	(h)	3	(s)	R 39	(s)	22	(s)	95	3	R 159	(s)	R 163
July	(h)	4	(s)	R 40	(s)	22	(s)	96	4	R 164	(s)	R 168
August	(h)	4	(s)	R 42	(s)	23	(s)	97	4	R 167	(s)	R 171
September	(h)	3	(s)	R 38	(s)	20	(s)	88	4	R 152	(s)	R 155
October	(h)	4	(s)	40	(s)	21	(s)	93	4	158	(s)	162
10-Month Total	(h)	38	1	379	1	209	4	916	38	1,549	3	1,589
2017 10-Month Total	(h)	34	1	367	1	205	4	918	43	1,539	3	1,576
2016 10-Month Total	(h)	33	1	362	1	197	5	920	41	1,527	3	1,562

<sup>a</sup> Metric tons of carbon dioxide can be converted to metric tons of carbon equivalent by multiplying by 12/44.  
<sup>b</sup> Natural gas, excluding supplemental gaseous fuels.  
<sup>c</sup> Distillate fuel oil, excluding biodiesel.  
<sup>d</sup> Hydrocarbon gas liquids.  
<sup>e</sup> Finished motor gasoline, excluding fuel ethanol.  
<sup>f</sup> 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.  
<sup>g</sup> Excludes emissions from biomass energy consumption. See Table 12.7.  
<sup>h</sup> 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, plus the relatively small amount of emissions from the non-combustion 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.