

**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	1,029	72	1,640	3	1,681
1996 Total	(h)	39	3	327	1	232	6	1,047	67	1,683	3	1,725
1997 Total	(h)	41	3	341	1	234	6	1,057	56	1,700	3	1,744
1998 Total	(h)	35	2	352	1	238	7	1,090	53	1,743	3	1,782
1999 Total	(h)	36	3	365	1	245	7	1,115	52	1,789	3	1,828
2000 Total	(h)	36	3	377	1	254	7	1,122	70	1,833	4	1,873
2001 Total	(h)	35	2	387	1	243	6	1,128	46	1,813	4	1,852
2002 Total	(h)	37	2	394	1	237	6	1,158	53	1,852	4	1,892
2003 Total	(h)	33	2	408	1	231	6	1,161	45	1,854	5	1,892
2004 Total	(h)	32	2	433	1	240	6	1,181	58	1,922	5	1,959
2005 Total	(h)	33	2	444	2	246	6	1,182	66	1,948	5	1,986
2006 Total	(h)	33	2	467	2	240	5	1,188	71	1,976	5	2,014
2007 Total	(h)	35	2	469	1	238	6	1,186	78	1,980	5	2,021
2008 Total	(h)	37	2	424	3	226	5	1,124	73	1,856	5	1,898
2009 Total	(h)	38	2	405	2	204	5	1,109	62	1,789	5	1,832
2010 Total	(h)	38	2	426	2	210	5	1,091	70	1,806	5	1,849
2011 Total	(h)	39	2	437	2	209	5	1,058	61	1,774	4	1,818
2012 Total	(h)	41	2	416	2	206	5	1,051	53	1,735	4	1,780
2013 Total	(h)	47	2	424	3	210	5	1,066	46	1,756	4	1,807
2014 Total	(h)	40	2	443	3	216	5	1,077	35	1,781	4	1,825
2015 January	(h)	5	(s)	35	(s)	17	1	87	3	143	(s)	148
February	(h)	4	(s)	34	(s)	16	(s)	80	(s)	131	(s)	136
March	(h)	4	(s)	37	(s)	19	1	91	3	152	(s)	156
April	(h)	3	(s)	38	(s)	18	(s)	89	2	149	(s)	152
May	(h)	3	(s)	38	(s)	19	1	93	3	154	(s)	157
June	(h)	3	(s)	39	(s)	20	(s)	91	2	154	(s)	157
July	(h)	3	(s)	41	(s)	21	1	95	4	161	(s)	165
August	(h)	3	(s)	41	(s)	20	(s)	95	4	160	(s)	163
September	(h)	3	(s)	39	(s)	18	(s)	90	3	151	(s)	155
October	(h)	3	(s)	38	(s)	20	(s)	93	3	155	(s)	158
November	(h)	3	(s)	34	(s)	18	(s)	88	4	145	(s)	149
December	(h)	4	(s)	35	(s)	20	(s)	92	4	151	(s)	156
Total	(h)	40	1	449	3	227	5	1,084	37	1,806	4	1,850
2016 January	(h)	5	(s)	34	(s)	18	(s)	87	4	143	(s)	148
February	(h)	4	(s)	33	(s)	18	(s)	86	2	140	(s)	144
March	(h)	3	(s)	37	(s)	19	(s)	94	5	156	(s)	160
April	(h)	3	(s)	36	(s)	19	(s)	89	6	151	(s)	154
May	(h)	3	(s)	38	(s)	20	(s)	94	4	157	(s)	160
June	(h)	3	(s)	39	(s)	21	(s)	93	4	157	(s)	161
July	(h)	3	(s)	39	(s)	21	(s)	96	5	162	(s)	166
August	(h)	3	(s)	41	(s)	21	(s)	97	4	164	(s)	167
September	(h)	3	(s)	38	(s)	20	(s)	92	3	153	(s)	157
October	(h)	3	(s)	39	(s)	20	(s)	91	4	155	(s)	158
November	(h)	3	(s)	36	(s)	20	(s)	89	4	150	(s)	153
December	(h)	4	(s)	36	(s)	21	(s)	93	4	154	(s)	159
Total	(h)	41	1	445	3	237	5	1,103	49	1,843	4	1,888
2017 January	(h)	4	(s)	33	(s)	20	(s)	85	6	145	(s)	150
February	(h)	3	(s)	32	(s)	17	(s)	81	3	134	(s)	138
March	(h)	4	(s)	38	(s)	21	(s)	94	5	158	(s)	162
April	(h)	3	(s)	37	(s)	19	(s)	90	4	150	(s)	154
May	(h)	3	(s)	R 40	(s)	21	(s)	96	5	162	(s)	165
June	(h)	3	(s)	39	(s)	21	(s)	95	5	161	(s)	164
July	(h)	3	(s)	40	(s)	22	(s)	96	3	R 162	(s)	165
August	(h)	3	(s)	41	(s)	22	(s)	98	4	166	(s)	R 170
September	(h)	3	(s)	38	(s)	20	(s)	90	4	153	(s)	156
October	(h)	3	(s)	39	(s)	21	(s)	93	5	R 160	(s)	163
November	(h)	3	(s)	37	(s)	21	(s)	88	6	R 153	(s)	156
December	(h)	4	(s)	36	(s)	22	(s)	92	5	155	(s)	160
Total	(h)	40	1	451	3	247	4	1,099	55	1,860	4	1,904

<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.