

**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	405	2	204	5	1,107	62	1,786	5	1,829
2010 Total	(h)	38	2	426	1	210	6	1,089	70	1,803	5	1,846
2011 Total	(h)	39	2	437	1	209	6	1,057	61	1,772	4	1,815
2012 Total	(h)	41	2	416	1	206	5	1,051	53	1,733	4	1,779
2013 Total	(h)	47	2	424	1	210	5	1,066	46	1,754	4	1,805
2014 Total	(h)	40	2	443	1	216	6	1,077	35	1,778	4	1,823
2015 Total	(h)	40	1	449	1	227	6	1,083	37	1,804	4	1,848
2016 January	(h)	5	(s)	34	(s)	18	1	87	4	143	(s)	148
February	(h)	4	(s)	33	(s)	18	1	86	2	139	(s)	144
March	(h)	3	(s)	37	(s)	19	1	94	5	156	(s)	159
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	1	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)	156
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
<b>Total</b>	(h)	<b>40</b>	<b>1</b>	<b>445</b>	<b>1</b>	<b>237</b>	<b>6</b>	<b>1,102</b>	<b>49</b>	<b>1,841</b>	<b>4</b>	<b>1,885</b>
2017 January	(h)	5	(s)	33	(s)	20	1	85	7	146	(s)	151
February	(h)	4	(s)	32	(s)	17	(s)	81	3	135	(s)	139
March	(h)	4	(s)	38	(s)	21	1	93	4	157	(s)	161
April	(h)	3	(s)	36	(s)	20	(s)	90	4	150	(s)	154
May	(h)	3	(s)	40	(s)	21	(s)	96	5	161	(s)	165
June	(h)	3	(s)	39	(s)	21	(s)	95	4	160	(s)	163
July	(h)	3	(s)	40	(s)	22	(s)	96	4	162	(s)	165
August	(h)	3	(s)	41	(s)	22	(s)	98	4	166	(s)	169
September	(h)	3	(s)	38	(s)	20	(s)	91	4	153	(s)	156
October	(h)	3	(s)	40	(s)	22	(s)	94	4	160	(s)	163
November	(h)	4	(s)	37	(s)	20	(s)	88	5	151	(s)	155
December	(h)	5	(s)	36	(s)	22	(s)	92	4	155	(s)	160
<b>Total</b>	(h)	<b>42</b>	<b>1</b>	<b>451</b>	<b>1</b>	<b>247</b>	<b>5</b>	<b>1,098</b>	<b>52</b>	<b>1,855</b>	<b>4</b>	<b>1,901</b>
2018 January	(h)	5	(s)	35	(s)	20	(s)	87	3	146	(s)	151
February	(h)	4	(s)	32	(s)	18	(s)	80	3	134	(s)	138
March	(h)	4	(s)	38	(s)	21	(s)	95	3	158	(s)	162
April	(h)	4	(s)	38	(s)	20	(s)	89	5	153	(s)	157
May	(h)	3	(s)	41	(s)	21	(s)	95	4	163	(s)	166
June	(h)	3	(s)	40	(s)	22	(s)	95	3	161	(s)	164
July	(h)	4	(s)	41	(s)	22	(s)	96	4	165	(s)	169
August	(h)	4	(s)	43	(s)	23	(s)	97	4	168	(s)	172
September	(h)	3	(s)	39	(s)	20	(s)	88	4	153	(s)	157
<b>9-Month Total</b>	(h)	<b>34</b>	<b>1</b>	<b>348</b>	<b>1</b>	<b>188</b>	<b>4</b>	<b>823</b>	<b>34</b>	<b>1,399</b>	<b>3</b>	<b>1,436</b>
2017 9-Month Total	(h)	31	1	338	(s)	183	4	824	39	1,389	3	1,423
2016 9-Month Total	(h)	30	1	334	(s)	177	4	829	37	1,383	3	1,415

<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.

(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.