

**Table 11.5 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 Elec- tricity <sup>i</sup>	Total <sup>g</sup>
				Aviation Gasoline	Distillate Fuel Oil <sup>c</sup>	HGL <sup>d</sup>	Jet Fuel	Lubri- cants	Motor Gasoline <sup>e</sup>	Residual Fuel Oil		
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
2000 Total .....	(h)	36	3	377	1	254	7	1,119	70	1,830	4	1,870
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	400	2	204	5	1,107	62	1,782	5	1,825
2010 Total .....	(h)	38	2	423	(s)	210	6	1,089	70	1,800	5	1,843
2011 Total .....	(h)	39	2	431	(s)	209	6	1,057	61	1,766	4	1,809
2012 Total .....	(h)	41	2	411	(s)	206	5	1,051	53	1,728	4	1,773
2013 Total .....	(h)	47	2	416	(s)	210	5	1,066	46	1,745	4	1,796
2014 Total .....	(h)	40	2	435	(s)	216	6	1,077	35	1,770	4	1,815
2015 Total .....	(h)	40	1	441	(s)	227	6	1,083	37	1,795	4	1,839
2016 Total .....	(h)	40	1	431	(s)	237	6	1,102	49	1,827	4	1,871
2017 Total .....	(h)	42	1	436	(s)	247	5	1,099	52	1,842	4	1,888
2018 Total .....	(h)	51	2	460	(s)	250	5	1,099	48	1,864	4	1,919
2019 January .....	(h)	6	(s)	36	(s)	20	(s)	88	4	149	(s)	155
February .....	(h)	5	(s)	34	(s)	18	(s)	82	3	137	(s)	143
March .....	(h)	5	(s)	38	(s)	21	(s)	92	3	155	(s)	160
April .....	(h)	4	(s)	38	(s)	21	1	91	2	154	(s)	158
May .....	(h)	4	(s)	41	(s)	22	(s)	95	2	160	(s)	164
June .....	(h)	4	(s)	40	(s)	22	(s)	94	4	160	(s)	164
July .....	(h)	4	(s)	41	(s)	23	(s)	95	4	164	(s)	169
August .....	(h)	4	(s)	41	(s)	23	(s)	99	4	168	(s)	172
September .....	(h)	4	(s)	39	(s)	21	(s)	89	4	153	(s)	157
October .....	(h)	4	(s)	41	(s)	22	(s)	93	4	160	(s)	165
November .....	(h)	5	(s)	37	(s)	21	(s)	89	3	150	(s)	155
December .....	(h)	6	(s)	36	(s)	23	(s)	89	4	152	(s)	158
Total .....	(h)	55	2	462	(s)	256	5	1,095	42	1,862	3	1,920
2020 January .....	(h)	6	(s)	34	(s)	21	(s)	87	3	146	(s)	152
February .....	(h)	5	(s)	32	(s)	19	(s)	84	2	137	(s)	143
March .....	(h)	5	(s)	36	(s)	17	(s)	78	1	133	(s)	138
April .....	(h)	4	(s)	34	(s)	8	(s)	57	1	101	(s)	105
May .....	(h)	4	(s)	35	(s)	7	(s)	72	1	116	(s)	120
June .....	(h)	4	(s)	36	(s)	9	(s)	80	3	128	(s)	132
July .....	(h)	4	(s)	38	(s)	12	(s)	84	4	139	(s)	144
August .....	(h)	4	(s)	38	(s)	13	(s)	85	4	141	(s)	145
September .....	(h)	4	(s)	36	(s)	11	(s)	83	4	135	(s)	139
October .....	(h)	4	(s)	38	(s)	13	(s)	83	4	138	(s)	142
November .....	(h)	4	(s)	35	(s)	14	(s)	77	3	129	(s)	133
December .....	(h)	6	(s)	35	(s)	14	(s)	78	2	130	(s)	136
Total .....	(h)	54	1	428	(s)	159	4	948	33	1,573	3	1,630
2021 January .....	(h)	6	(s)	35	(s)	14	(s)	77	3	130	(s)	136
February .....	(h)	5	(s)	32	(s)	12	(s)	70	3	118	(s)	123
March .....	(h)	5	(s)	37	(s)	14	(s)	85	4	142	(s)	147
3-Month Total .....	(h)	16	(s)	105	(s)	41	1	232	10	389	1	405
2020 3-Month Total .....	(h)	16	(s)	102	(s)	57	1	249	6	417	1	433
2019 3-Month Total .....	(h)	17	(s)	108	(s)	60	1	262	10	441	1	458

<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 11.6.

<sup>g</sup> Excludes emissions from biomass energy consumption. See Table 11.7.

<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 11 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 11.7 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.