

Table 11.5 Carbon Dioxide Emissions From Energy Consumption: Transportation Sector
(Million Metric Tons of Carbon Dioxide^a)

	Coal	Natural Gas ^b	Petroleum							Electricity ^f	Total ^g	
			Aviation Gasoline	Distillate Fuel Oil ^c	HGL ^d	Jet Fuel	Lubricants	Motor Gasoline ^e	Residual Fuel Oil			Total
1973 Total	(s)	39	6	164	3	152	6	887	55	1,272	2	1,314
1975 Total	(s)	32	5	157	3	144	6	889	53	1,257	2	1,291
1980 Total	(h)	34	4	207	1	155	6	882	105	1,361	2	1,397
1985 Total	(h)	28	3	234	2	178	6	910	59	1,393	3	1,423
1990 Total	(h)	36	3	271	1	223	7	967	76	1,548	3	1,587
1995 Total	(h)	38	3	310	1	222	6	1,026	68	1,637	3	1,679
2000 Total	(h)	36	3	386	1	259	7	1,128	67	1,848	4	1,888
2005 Total	(h)	33	2	453	2	251	6	1,177	63	1,954	5	1,992
2006 Total	(h)	33	2	476	2	244	5	1,188	68	1,985	5	2,023
2007 Total	(h)	35	2	476	1	242	6	1,184	75	1,986	5	2,026
2008 Total	(h)	37	2	430	3	231	5	1,114	70	1,854	5	1,896
2009 Total	(h)	38	2	406	2	208	5	1,107	59	1,789	5	1,832
2010 Total	(h)	38	2	429	(s)	214	6	1,086	67	1,804	5	1,847
2011 Total	(h)	39	2	436	(s)	213	5	1,054	58	1,769	4	1,813
2012 Total	(h)	41	2	417	(s)	210	5	1,047	50	1,730	4	1,776
2013 Total	(h)	47	2	421	(s)	214	5	1,057	44	1,744	4	1,795
2014 Total	(h)	40	2	441	(s)	220	6	1,067	34	1,769	4	1,814
2015 Total	(h)	39	1	447	1	231	6	1,073	35	1,794	4	1,837
2016 Total	(h)	40	1	437	1	242	6	1,092	47	1,825	4	1,869
2017 Total	(h)	42	1	442	1	251	5	1,090	50	1,841	4	1,887
2018 Total	(h)	51	2	466	1	255	5	1,090	45	1,864	4	1,918
2019 Total	(h)	59	2	468	1	261	5	1,086	40	1,862	3	1,924
2020 Total	(h)	59	1	439	1	161	4	935	29	1,572	3	1,633
2021 January	(h)	7	(s)	35	(s)	14	(s)	77	3	129	(s)	137
February	(h)	7	(s)	32	(s)	12	(s)	70	3	117	(s)	124
March	(h)	6	(s)	38	(s)	15	(s)	84	4	141	(s)	146
April	(h)	5	(s)	38	(s)	16	(s)	85	2	141	(s)	146
May	(h)	4	(s)	40	(s)	16	(s)	89	3	150	(s)	154
June	(h)	5	(s)	40	(s)	18	(s)	89	4	152	(s)	157
July	(h)	5	(s)	41	(s)	19	(s)	92	4	156	(s)	162
August	(h)	5	(s)	42	(s)	20	(s)	91	4	158	(s)	163
September	(h)	5	(s)	39	(s)	18	(s)	85	4	148	(s)	152
October	(h)	5	(s)	40	(s)	19	(s)	89	5	152	(s)	157
November	(h)	6	(s)	38	(s)	19	(s)	86	5	148	(s)	154
December	(h)	6	(s)	37	(s)	19	(s)	88	6	150	(s)	157
Total	(h)	65	1	459	1	205	4	1,025	46	1,741	3	1,809
2022 January	(h)	8	(s)	35	(s)	18	(s)	R 79	3	R 136	(s)	R 144
February	(h)	7	(s)	33	(s)	16	(s)	77	4	131	(s)	138
March	(h)	6	(s)	38	(s)	19	(s)	R 88	5	152	(s)	158
April	(h)	5	(s)	38	(s)	19	(s)	84	3	145	(s)	150
May	(h)	5	(s)	40	(s)	20	(s)	90	4	R 154	(s)	R 159
June	(h)	5	(s)	41	(s)	21	(s)	86	4	152	(s)	157
July	(h)	6	(s)	41	(s)	20	(s)	87	4	R 152	(s)	158
August	(h)	6	(s)	42	(s)	21	(s)	R 89	5	R 158	(s)	164
September	(h)	5	(s)	40	(s)	19	(s)	R 84	6	R 149	(s)	R 154
October	(h)	5	(s)	41	(s)	20	(s)	R 86	3	151	(s)	R 156
November	(h)	6	(s)	38	(s)	19	(s)	84	4	146	(s)	152
December	(h)	7	(s)	36	(s)	20	(s)	R 84	3	R 144	(s)	152
Total	(h)	70	2	464	1	233	5	R 1,018	47	R 1,770	3	R 1,842
2023 January	(h)	7	(s)	35	(s)	19	(s)	R 81	3	139	(s)	146
February	(h)	6	(s)	32	(s)	17	(s)	R 77	4	R 131	(s)	138
March	(h)	6	(s)	38	(s)	20	(s)	R 88	3	R 150	(s)	157
April	(h)	5	(s)	38	(s)	20	(s)	86	2	146	(s)	R 151
May	(h)	5	(s)	40	(s)	21	(s)	R 89	3	R 154	(s)	R 159
June	(h)	5	(s)	40	(s)	21	(s)	88	3	153	(s)	R 158
July	(h)	6	(s)	41	(s)	22	(s)	89	3	156	(s)	162
August	(h)	6	(s)	43	(s)	22	(s)	R 91	4	161	(s)	167
September	(h)	5	(s)	39	(s)	21	(s)	84	2	147	(s)	152
October	(h)	5	(s)	41	(s)	21	(s)	R 89	3	155	(s)	R 160
November	(h)	6	(s)	38	(s)	20	(s)	84	4	146	(s)	R 152
December	(h)	7	(s)	36	(s)	21	(s)	87	4	148	(s)	155
Total	(h)	70	1	460	1	247	3	1,033	39	1,786	3	1,858

^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 Hydrocarbon gas liquids.

^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 sales to ultimate customers. See Tables 7.6 and 11.6.

^g Excludes emissions from biomass energy consumption. See Table 11.7.

^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, 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.