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
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 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)	79	3	136	(s)	144
February	(h)	7	(s)	33	(s)	16	(s)	77	4	131	(s)	138
March	(h)	6	(s)	38	(s)	19	R1	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	154	(s)	159
June	(h)	5	(s)	41	(s)	21	(s)	86	4	152	(s)	157
July	(h)	6	(s)	41	(s)	20	(s)	87	4	152	(s)	158
August	(h)	6	(s)	42	(s)	21	(s)	89	5	158	(s)	164
September	(h)	5	(s)	40	(s)	19	(s)	84	6	149	(s)	154
October	(h)	5	(s)	41	(s)	20	(s)	86	3	151	(s)	156
November	(h)	6	(s)	38	(s)	19	(s)	84	4	146	(s)	152
December	(h)	7	(s)	36	(s)	20	(s)	84	3	144	(s)	152
Total	(h)	70	2	464	1	233	5	1,018	47	1,770	3	R1,843
2023 January	(h)	7	(s)	R34	(s)	19	(s)	81	3	R138	(s)	146
February	(h)	6	(s)	32	(s)	17	(s)	77	4	131	(s)	R137
March	(h)	6	(s)	38	(s)	20	(s)	88	3	150	(s)	R156
April	(h)	5	(s)	38	(s)	20	(s)	86	2	R145	(s)	151
May	(h)	5	(s)	40	(s)	21	(s)	89	3	154	(s)	159
June	(h)	5	(s)	40	(s)	21	(s)	88	3	153	(s)	158
July	(h)	6	(s)	R40	(s)	22	(s)	89	3	R155	(s)	R161
August	(h)	6	(s)	43	(s)	22	(s)	91	4	R160	(s)	R166
September	(h)	5	(s)	39	(s)	21	(s)	84	2	R146	(s)	152
October	(h)	5	(s)	R40	(s)	21	(s)	89	3	155	(s)	160
November	(h)	6	(s)	R37	(s)	20	(s)	84	4	146	(s)	152
December	(h)	7	(s)	R35	(s)	21	(s)	87	4	148	(s)	155
Total	(h)	70	1	R455	1	247	R4	1,033	39	R1,781	3	R1,853
2024 January	(h)	8	(s)	34	(s)	20	(s)	81	3	138	(s)	146

[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.