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	1,360	2	1,397
1985 Total	(h)	28	3	234	2	178	6	910	59	1,392	3	1,423
1990 Total	(h)	36	3	271	1	223	7	967	76	1,547	3	1,587
1995 Total	(h)	38	3	310	1	222	6	1,027	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	5	1,025	46	1,742	3	1,809
2022 Total	(h)	72	2	464	1	233	5	1,018	47	1,770	3	1,845
2023 Total	(h)	72	1	453	1	247	4	1,038	39	1,783	3	1,857
2024 January	(h)	8	(s)	33	(s)	19	(s)	82	3	139	(s)	147
February	(h)	7	(s)	31	(s)	18	(s)	80	3	134	(s)	140
March	(h)	6	(s)	35	(s)	21	(s)	89	4	149	(s)	155
April	(h)	5	(s)	36	(s)	21	(s)	85	4	147	(s)	152
May	(h)	5	(s)	38	(s)	22	(s)	93	4	157	(s)	163
June	(h)	5	(s)	38	(s)	22	(s)	88	4	152	(s)	157
July	(h)	6	(s)	40	(s)	23	(s)	92	4	159	(s)	165
August	(h)	6	(s)	41	(s)	23	(s)	92	4	159	(s)	166
September	(h)	5	(s)	37	(s)	21	(s)	86	3	147	(s)	152
October	(h)	5	(s)	40	(s)	22	(s)	90	4	155	(s)	161
November	(h)	6	(s)	35	(s)	21	(s)	85	4	144	(s)	150
December	(h)	8	(s)	35	(s)	22	(s)	87	4	148	(s)	156
Total	(h)	74	2	440	1	253	3	1,048	43	1,790	3	1,866
2025 January	(h)	9	(s)	35	(s)	21	(s)	84	4	144	(s)	152
February	(h)	7	(s)	31	(s)	18	(s)	78	3	130	(s)	138
March	(h)	6	(s)	37	(s)	21	(s)	87	4	148	(s)	155
April	(h)	5	(s)	37	(s)	22	(s)	85	4	148	(s)	154
May	(h)	5	(s)	39	(s)	22	(s)	90	2	154	(s)	160
June	(h)	5	(s)	40	(s)	23	(s)	89	3	155	(s)	160
July	(h)	6	(s)	41	(s)	23	(s)	90	4	160	(s)	166
August	(h)	6	(s)	41	(s)	23	(s)	91	3	159	(s)	165
September	(h)	5	(s)	38	(s)	20	(s)	86	5	150	(s)	156
October	(h)	5	(s)	40	(s)	23	(s)	88	4	155	(s)	160
November	(h)	6	(s)	36	(s)	21	(s)	83	4	145	(s)	151
December	(h)	8	(s)	36	(s)	22	(s)	87	4	149	(s)	157
Total	(h)	74	2	452	1	258	4	1,037	45	1,797	3	1,874
2026 January	(h)	8	(s)	34	(s)	21	(s)	82	3	140	(s)	149
February	(h)	7	(s)	32	(s)	19	(s)	77	4	132	(s)	139
March	(h)	6	(s)	R 36	(s)	21	(s)	87	4	150	(s)	156
April	(h)	5	(s)	37	(s)	22	(s)	87	5	152	(s)	158
May	(h)	5	(s)	38	(s)	22	(s)	85	4	149	(s)	154
5-Month Total	(h)	32	1	177	(s)	105	2	419	19	722	1	755
2025 5-Month Total	(h)	32	1	179	(s)	103	1	423	17	725	1	758
2024 5-Month Total	(h)	32	1	175	(s)	102	1	429	18	726	1	758

[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 and renewable diesel fuel.
[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] Through 2011, excludes emissions from biomass energy consumption. Beginning in 2012, excludes emissions from biomass energy consumption except small amounts of emissions from "other biofuels." See "Biomass" and "Other Biofuels" in Glossary. See Table 11.7 for energy-related carbon dioxide emissions from wood, biomass waste, fuel ethanol (minus denaturant), and biodiesel.
[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. • Through 2011, data exclude emissions from biomass energy consumption; beginning in 2012, data exclude emissions from biomass energy consumption except small amounts of emissions from "other biofuels." See "Biomass" and "Other Biofuels" in Glossary. 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.