

Table 11.3 Carbon Dioxide Emissions From Energy Consumption: Commercial Sector
(Million Metric Tons of Carbon Dioxide^a)

	Coal	Natural Gas ^b	Petroleum						Electricity ^f	Total ^g	
			Distillate Fuel Oil ^c	HGL ^d	Kerosene	Motor Gasoline ^e	Petroleum Coke	Residual Fuel Oil			Total
1973 Total	15	140	48	9	5	6	NA	50	118	334	607
1975 Total	14	136	43	8	4	6	NA	37	98	334	582
1980 Total	11	141	38	6	3	8	NA	42	97	414	662
1985 Total	13	132	47	6	2	7	NA	17	79	484	708
1990 Total	12	142	40	6	1	8	0	17	72	564	790
1995 Total	11	164	35	7	2	1	(s)	11	56	619	850
2000 Total	9	172	37	9	2	3	(s)	7	58	781	1,021
2005 Total	9	163	33	8	2	3	(s)	9	55	840	1,067
2010 Total	7	168	29	9	(s)	3	(s)	5	46	804	1,025
2011 Total	6	171	29	9	(s)	3	(s)	4	45	768	990
2012 Total	4	157	26	9	(s)	3	(s)	2	40	731	932
2013 Total	4	179	25	10	(s)	3	(s)	2	40	736	958
2014 Total	4	189	26	10	(s)	4	(s)	1	41	736	970
2015 Total	3	175	27	9	(s)	25	(s)	(s)	61	692	932
2016 Total	2	171	24	9	(s)	25	(s)	(s)	59	661	893
2017 Total	2	173	24	10	(s)	24	(s)	(s)	58	633	866
2018 Total	2	193	24	11	(s)	24	(s)	(s)	59	632	886
2019 Total	2	193	24	11	(s)	24	(s)	(s)	60	578	832
2020 Total	1	173	20	13	(s)	24	(s)	(s)	58	502	735
2021 Total	1	180	24	14	(s)	25	(s)	(s)	63	542	787
2022 January	(s)	30	3	2	(s)	2	(s)	(s)	8	48	86
February	(s)	25	4	1	(s)	2	(s)	(s)	8	40	73
March	(s)	21	3	1	(s)	3	(s)	(s)	7	38	66
April	(s)	15	2	1	(s)	2	(s)	(s)	5	36	56
May	(s)	10	2	1	(s)	3	(s)	(s)	5	42	57
June	(s)	8	1	1	(s)	2	(s)	(s)	4	49	61
July	(s)	8	1	1	(s)	2	(s)	(s)	4	58	70
August	(s)	8	1	1	(s)	3	0	(s)	4	57	69
September	(s)	8	1	1	(s)	2	0	(s)	4	48	60
October	(s)	12	2	1	(s)	2	0	(s)	5	42	59
November	(s)	19	2	1	(s)	2	0	(s)	6	40	65
December	(s)	27	3	2	(s)	2	(s)	(s)	7	46	80
Total	1	192	25	13	(s)	29	(s)	(s)	67	545	805
2023 January	(s)	26	3	2	(s)	2	(s)	(s)	7	41	74
February	(s)	23	4	1	(s)	2	(s)	(s)	7	34	65
March	(s)	22	3	1	(s)	3	(s)	(s)	7	37	67
April	(s)	14	2	1	(s)	2	0	(s)	5	33	52
May	(s)	10	2	1	(s)	3	0	(s)	5	38	53
June	(s)	8	1	1	(s)	2	0	(s)	4	45	58
July	(s)	8	1	1	(s)	3	0	(s)	4	56	68
August	(s)	8	1	1	(s)	3	0	(s)	4	55	67
September	(s)	8	1	1	(s)	2	0	(s)	4	46	58
October	(s)	12	2	1	(s)	3	0	(s)	5	41	59
November	(s)	19	2	1	(s)	2	0	(s)	6	39	64
December	(s)	23	3	1	(s)	2	(s)	(s)	7	40	70
Total	1	181	24	12	(s)	29	(s)	(s)	66	506	754
2024 January	(s)	29	3	2	(s)	2	(s)	(s)	7	47	84
February	(s)	23	4	1	(s)	2	(s)	(s)	7	34	65
March	(s)	19	3	1	(s)	2	0	(s)	6	33	59
April	(s)	14	2	1	(s)	2	0	(s)	5	33	51
4-Month Total	(s)	85	12	5	(s)	9	(s)	(s)	27	148	259
2023 4-Month Total	(s)	85	12	5	(s)	9	(s)	(s)	27	145	257
2022 4-Month Total	(s)	92	12	6	(s)	9	(s)	(s)	27	162	281

^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.

NA=Not available. (s)=Less than 0.5 million metric tons.

Notes: • Data are estimates for carbon dioxide emissions from energy consumption. 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.