

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
2006 Total	6	154	30	8	1	3	(s)	6	48	834	1,042
2007 Total	7	164	28	8	1	4	(s)	6	46	860	1,077
2008 Total	8	171	29	10	(s)	3	(s)	5	47	848	1,074
2009 Total	7	169	29	9	(s)	3	(s)	5	47	784	1,007
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	885
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 January	(s)	27	3	2	(s)	2	0	(s)	7	43	77
February	(s)	27	3	2	(s)	2	(s)	(s)	7	44	78
March	(s)	20	3	1	(s)	2	(s)	(s)	6	37	63
April	(s)	14	2	1	(s)	2	0	(s)	5	35	54
May	(s)	10	2	1	(s)	2	0	(s)	5	40	55
June	(s)	8	1	1	(s)	2	0	(s)	4	52	64
July	(s)	8	1	1	(s)	2	0	(s)	4	59	71
August	(s)	8	1	1	(s)	2	0	(s)	4	60	71
September	(s)	8	1	1	(s)	2	0	(s)	4	48	61
October	(s)	11	2	1	(s)	2	(s)	(s)	5	44	60
November	(s)	18	2	1	(s)	2	(s)	(s)	6	39	64
December	(s)	22	3	2	(s)	2	(s)	(s)	7	39	68
Total	1	180	24	14	(s)	25	(s)	(s)	63	541	786
2022 January	(s)	30	3	2	(s)	2	(s)	(s)	7	48	86
February	(s)	25	4	2	(s)	2	(s)	(s)	7	40	R 73
March	(s)	21	3	1	(s)	2	(s)	(s)	6	38	R 66
April	(s)	15	2	1	(s)	2	(s)	(s)	5	36	56
May	(s)	10	2	1	(s)	2	(s)	(s)	5	42	R 57
June	(s)	8	1	1	(s)	2	(s)	(s)	4	R 49	61
July	(s)	8	1	1	(s)	2	(s)	(s)	4	R 58	R 70
August	(s)	8	1	1	(s)	2	0	(s)	4	57	R 69
September	(s)	8	1	1	(s)	2	(s)	(s)	4	R 48	60
October	(s)	12	2	1	(s)	2	0	(s)	5	R 42	59
November	(s)	19	2	1	(s)	2	(s)	(s)	5	40	65
December	(s)	27	3	2	(s)	2	(s)	(s)	7	46	80
Total	1	192	R 25	14	(s)	25	(s)	(s)	63	R 546	R 803
2023 January	(s)	26	3	2	(s)	2	(s)	(s)	7	R 41	R 74
February	(s)	23	4	1	(s)	2	(s)	(s)	7	34	65
March	(s)	22	3	1	(s)	2	(s)	(s)	6	38	R 66
April	(s)	14	2	1	(s)	2	0	(s)	5	33	52
May	(s)	10	2	1	(s)	2	0	(s)	5	38	53
June	(s)	8	1	1	(s)	2	0	(s)	4	R 45	58
July	(s)	8	1	1	(s)	2	0	(s)	4	56	68
August	(s)	8	1	1	(s)	2	0	(s)	4	56	67
8-Month Total	1	119	17	9	(s)	17	(s)	(s)	42	340	502
2022 8-Month Total	1	126	17	9	(s)	16	(s)	(s)	42	369	537
2021 8-Month Total	1	121	16	9	(s)	16	(s)	(s)	41	370	533

^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.

R=Revised. 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. • 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.