

**Table 11.3 Carbon Dioxide Emissions From Energy Consumption: Commercial Sector**  
(Million Metric Tons of Carbon Dioxide<sup>a</sup>)

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

<sup>a</sup> Metric tons of carbon dioxide can be converted to metric tons of carbon equivalent by multiplying by 12/44.

<sup>b</sup> Natural gas, excluding supplemental gaseous fuels.

<sup>c</sup> Distillate fuel oil, excluding biodiesel.

<sup>d</sup> Hydrocarbon gas liquids.

<sup>e</sup> Finished motor gasoline, excluding fuel ethanol.

<sup>f</sup> 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.

<sup>g</sup> 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.