

Table 11.4 Carbon Dioxide Emissions From Energy Consumption: Industrial Sector
(Million Metric Tons of Carbon Dioxide^a)

	Coal	Coal Coke Net Imports	Natural Gas ^b	Petroleum								Elec- tricity ^g	Total ^h	
				Distillate Fuel Oil ^c	HGL ^d	Kero- sene	Lubri- cants	Motor Gasoline ^e	Petroleum Coke	Residual Fuel Oil	Other ^f			Total
1973 Total	373	-1	533	107	31	11	7	18	54	139	102	471	515	1,891
1975 Total	338	2	437	98	30	9	6	16	52	113	97	420	490	1,687
1980 Total	291	-4	427	97	52	13	7	11	50	101	134	465	604	1,782
1985 Total	257	-2	361	82	54	3	6	16	55	56	86	358	587	1,561
1990 Total	258	1	435	85	45	1	7	13	69	31	119	369	636	1,699
1995 Total	232	7	492	83	57	1	7	14	69	25	111	368	658	1,757
2000 Total	211	7	486	89	61	1	7	11	75	18	111	373	717	1,795
2005 Total	182	5	405	94	49	3	6	25	86	21	140	423	671	1,687
2010 Total	152	-1	428	85	42	1	5	17	67	9	119	345	587	1,512
2011 Total	146	1	438	91	39	(s)	5	17	64	10	118	344	574	1,503
2012 Total	142	(s)	455	94	42	(s)	4	17	69	5	114	346	543	1,486
2013 Total	145	-2	472	94	46	(s)	5	17	64	4	120	349	542	1,505
2014 Total	144	-2	487	101	45	(s)	5	14	65	3	112	345	543	1,516
2015 Total	129	-2	486	87	48	(s)	5	17	66	2	116	342	502	1,457
2016 Total	113	-2	496	86	46	(s)	5	17	65	4	124	347	472	1,426
2017 Total	112	-3	509	89	48	(s)	5	17	61	4	130	354	461	1,432
2018 Total	111	-3	532	93	54	(s)	5	18	62	3	127	362	458	1,459
2019 Total	105	-2	540	89	60	(s)	4	18	60	3	131	364	425	1,432
2020 Total	88	-1	530	79	60	(s)	4	18	49	2	123	336	374	1,326
2021 Total	97	-6	539	88	67	(s)	4	17	51	3	116	347	408	1,385
2022 January	8	-1	52	9	5	(s)	(s)	1	4	(s)	9	28	36	123
February	8	(s)	46	8	4	(s)	(s)	1	3	(s)	8	25	30	108
March	8	-1	48	9	4	(s)	(s)	2	4	(s)	9	29	29	114
April	8	-1	45	7	4	(s)	(s)	1	4	(s)	9	26	28	107
May	8	-1	44	6	4	(s)	(s)	2	3	(s)	10	25	32	109
June	8	(s)	43	7	5	(s)	(s)	2	3	(s)	9	27	36	112
July	8	-1	44	5	5	(s)	(s)	2	6	(s)	10	28	39	118
August	8	(s)	44	7	5	(s)	(s)	2	5	(s)	10	28	39	119
September	7	-1	43	8	5	(s)	(s)	1	4	(s)	9	29	33	112
October	8	(s)	45	9	4	(s)	(s)	2	3	(s)	9	27	32	111
November	8	(s)	47	8	4	(s)	(s)	1	5	(s)	9	28	31	113
December	8	-1	49	5	4	(s)	(s)	2	3	(s)	9	23	33	112
Total	93	-6	549	89	52	(s)	4	18	48	3	111	325	400	1,360
2023 January	8	(s)	49	8	4	(s)	(s)	1	2	(s)	9	25	29	111
February	7	(s)	45	6	3	(s)	(s)	1	3	(s)	8	23	26	101
March	8	(s)	49	9	3	(s)	(s)	2	5	(s)	9	29	29	113
April	7	(s)	46	7	4	(s)	(s)	2	5	(s)	9	28	26	106
May	7	(s)	45	7	4	(s)	(s)	2	4	(s)	10	28	30	109
June	7	(s)	43	7	5	(s)	(s)	2	3	(s)	9	26	34	110
July	7	(s)	44	5	5	(s)	(s)	2	2	(s)	10	24	39	114
August	7	(s)	45	9	5	(s)	(s)	2	5	(s)	10	31	39	121
September	7	(s)	44	7	5	(s)	(s)	1	6	(s)	9	29	33	112
October	^R 7	(s)	46	8	5	(s)	(s)	2	4	(s)	9	29	32	^R 113
November	7	(s)	48	8	5	(s)	(s)	1	8	(s)	9	31	31	117
December	7	-1	51	5	5	(s)	(s)	2	3	(s)	9	23	30	111
Total	^R 86	-4	554	87	53	(s)	3	18	51	3	111	326	377	^R 1,339
2024 January	7	(s)	51	8	5	(s)	(s)	1	4	(s)	9	27	34	118
February	7	(s)	46	7	4	(s)	(s)	1	2	(s)	8	23	25	101
March	7	(s)	48	5	4	(s)	(s)	2	2	(s)	9	23	25	103
3-Month Total	21	-1	145	20	13	(s)	1	4	8	1	26	72	85	323
2023 3-Month Total	23	-1	143	23	11	(s)	1	4	11	1	26	77	83	325
2022 3-Month Total	24	-1	145	26	13	(s)	1	4	11	1	26	83	94	346

^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 Aviation gasoline blending components, crude oil, motor gasoline blending components, petrochemical feedstocks, special naphthas, still gas, unfinished oils, waxes, and miscellaneous petroleum products.

^g 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.

^h Excludes emissions from biomass energy consumption. See Table 11.7.

^R=Revised. (s)=Less than 0.5 million metric tons and greater 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.