

Table 12.4 Carbon Dioxide Emissions From Energy Consumption: Industrial Sector
(Million Metric Tons of Carbon Dioxide^a)

	Coal	Coal Coke Net Imports	Natural Gas ^b	Petroleum									Retail Elec- tricity ^g	Total ^h
				Distillate Fuel Oil ^c	Kero- sene	LPG ^d	Lubri- cants	Motor Gasoline ^e	Petroleum Coke	Residual Fuel Oil	Other ^f	Total		
1973 Total	371	-1	536	106	11	44	7	18	52	144	100	483	515	1,904
1975 Total	336	2	440	97	9	39	6	16	51	117	97	431	490	1,697
1980 Total	289	-4	429	96	13	61	7	11	48	105	142	483	601	1,798
1985 Total	256	-2	360	81	3	59	6	15	54	57	93	369	583	1,566
1990 Total	258	1	432	84	1	37	7	13	67	31	127	366	638	1,695
1995 Total	233	7	489	82	1	47	7	14	67	25	121	364	659	1,751
1996 Total	227	3	505	86	1	48	6	14	71	24	139	391	678	1,803
1997 Total	224	5	505	88	1	50	7	15	70	21	145	396	694	1,824
1998 Total	219	8	495	88	2	47	7	14	80	16	128	382	706	1,809
1999 Total	208	7	475	86	1	47	7	11	85	14	133	383	704	1,778
2000 Total	211	7	483	87	1	52	7	11	76	17	118	369	719	1,788
2001 Total	204	3	440	95	2	45	6	21	79	14	135	396	667	1,711
2002 Total	188	7	448	88	1	47	6	22	79	13	130	386	654	1,683
2003 Total	190	6	432	85	2	41	6	23	78	16	142	392	672	1,692
2004 Total	191	16	437	88	2	44	6	26	85	18	144	413	674	1,731
2005 Total	183	5	405	92	3	42	6	25	82	20	143	413	672	1,678
2006 Total	179	7	404	91	2	43	6	26	85	16	152	422	650	1,662
2007 Total	175	3	414	91	1	43	6	21	83	13	150	408	662	1,661
2008 Total	168	5	412	98	(s)	32	6	17	78	13	132	376	642	1,602
2009 Total	131	-3	386	78	(s)	33	5	16	73	8	112	325	550	1,390
2010 Total	153	-1	421	84	1	35	6	17	68	6	122	338	587	1,498
2011 Total	146	1	431	90	(s)	36	5	17	65	6	117	337	574	1,489
2012 Total	141	(s)	447	93	(s)	45	5	17	70	3	113	346	543	1,477
2013 Total	144	-2	463	92	(s)	46	5	17	65	2	119	347	542	1,495
2014 Total	143	-2	478	100	(s)	42	5	14	64	2	110	337	543	1,498
2015 January	12	(s)	45	9	(s)	5	1	1	6	(s)	8	31	42	130
February	11	(s)	41	10	(s)	5	(s)	1	2	(s)	9	28	41	121
March	11	(s)	42	9	(s)	4	1	1	6	(s)	9	30	39	122
April	10	(s)	39	8	(s)	3	1	1	6	(s)	9	29	37	115
May	11	(s)	39	6	(s)	3	1	1	6	(s)	12	29	42	121
June	11	(s)	37	7	(s)	4	(s)	1	6	(s)	11	30	47	124
July	11	(s)	38	7	(s)	4	1	2	6	(s)	11	30	48	127
August	11	(s)	39	6	(s)	4	(s)	2	7	(s)	10	28	47	125
September	10	(s)	37	8	(s)	3	(s)	1	4	(s)	9	26	43	117
October	11	(s)	39	6	(s)	4	1	1	5	(s)	7	24	40	114
November	10	(s)	40	4	(s)	4	(s)	1	5	(s)	9	24	38	112
December	10	(s)	42	5	(s)	5	(s)	1	4	(s)	10	27	36	115
Total	129	-2	478	85	(s)	47	6	17	65	2	115	337	502	1,444
2016 January	10	(s)	45	8	(s)	5	(s)	1	6	(s)	10	30	38	122
February	10	(s)	41	8	(s)	5	(s)	1	5	(s)	11	31	33	R 116
March	10	(s)	42	8	(s)	4	1	1	6	(s)	9	29	31	112
April	9	(s)	39	7	(s)	3	(s)	1	4	(s)	9	25	32	106
May	9	(s)	39	6	(s)	3	(s)	1	4	(s)	9	24	36	108
June	9	(s)	38	6	(s)	3	1	1	3	(s)	9	24	42	113
July	9	(s)	39	4	(s)	3	(s)	2	5	(s)	9	23	46	117
August	9	(s)	40	7	(s)	3	(s)	2	7	(s)	11	30	46	124
September	9	(s)	38	7	(s)	4	(s)	1	4	(s)	10	27	40	114
October	9	(s)	39	8	(s)	4	(s)	1	5	(s)	10	29	38	115
November	9	(s)	41	8	(s)	4	(s)	1	8	(s)	8	29	35	114
December	10	(s)	45	7	(s)	5	(s)	1	6	(s)	10	30	39	123
Total	113	-2	487	83	(s)	45	5	17	63	2	115	331	459	1,388
2017 January	R 9	(s)	45	7	(s)	6	(s)	1	7	(s)	10	31	37	R 122
February	9	(s)	40	7	(s)	4	(s)	1	4	(s)	9	25	32	106
March	9	(s)	43	10	(s)	4	(s)	1	2	(s)	12	30	34	116
April	8	(s)	39	6	(s)	4	(s)	1	5	(s)	11	29	33	109
4-Month Total	36	-1	167	30	(s)	17	2	6	18	1	42	115	136	453
2016 4-Month Total	38	(s)	167	30	(s)	17	2	6	21	1	39	116	135	456
2015 4-Month Total	45	-1	166	36	(s)	17	2	5	21	(s)	36	118	159	487

^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 Liquefied petroleum gases.

^e Finished motor gasoline, excluding fuel ethanol.

^f Aviation gasoline blending components, crude oil, motor gasoline blending components, pentanes plus, 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 retail sales. See Tables 7.6 and 12.6.

^h Excludes emissions from biomass energy consumption. See Table 12.7.

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, including the nonfuel use of fossil fuels. See "Section 12 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 12.7 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.