

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	HGL ^d	Kero- sene	Lubri- cants	Motor Gasoline ^e	Petroleum Coke	Residual Fuel Oil	Other ^f			Total
1973 Total	371	-1	536	106	44	11	7	18	52	144	99	483	515	1,904
1975 Total	336	2	440	97	41	9	6	16	51	117	95	431	490	1,697
1980 Total	289	-4	429	96	72	13	7	11	48	105	131	483	601	1,798
1985 Total	256	-2	360	81	69	3	6	15	54	57	83	369	583	1,566
1990 Total	258	1	432	84	49	1	7	13	67	31	115	366	638	1,695
1995 Total	233	7	489	82	60	1	7	14	67	25	107	364	659	1,751
1996 Total	227	3	505	86	61	1	6	14	71	24	125	391	678	1,803
1997 Total	224	5	505	88	63	1	7	15	70	21	132	396	694	1,824
1998 Total	219	8	495	88	58	2	7	14	80	16	117	382	706	1,809
1999 Total	208	7	475	86	60	1	7	11	85	14	119	383	704	1,778
2000 Total	211	7	483	87	63	1	7	11	76	17	107	369	719	1,788
2001 Total	204	3	440	95	55	2	6	21	79	14	125	396	667	1,711
2002 Total	188	7	448	88	56	1	6	22	79	13	122	386	654	1,683
2003 Total	190	6	432	85	49	2	6	23	78	16	134	392	672	1,692
2004 Total	191	16	437	88	52	2	6	26	85	18	136	413	674	1,731
2005 Total	183	5	405	92	49	3	6	25	82	20	135	413	672	1,678
2006 Total	179	7	404	91	48	2	6	26	85	16	147	422	650	1,662
2007 Total	175	3	414	91	50	1	6	21	83	13	143	408	662	1,661
2008 Total	168	5	412	98	39	(s)	6	17	78	13	126	376	642	1,602
2009 Total	131	-3	386	78	37	(s)	5	16	73	8	107	325	550	1,390
2010 Total	153	-1	421	84	41	1	6	17	68	6	115	338	587	1,498
2011 Total	146	1	431	90	38	(s)	5	17	65	6	115	337	574	1,489
2012 Total	141	(s)	447	93	48	(s)	5	17	70	3	110	346	543	1,477
2013 Total	144	-2	463	92	49	(s)	5	17	65	2	115	347	542	1,495
2014 Total	143	-2	478	100	45	(s)	5	14	64	2	107	337	543	1,498
2015 January	12	(s)	45	9	6	(s)	1	1	6	(s)	8	31	42	130
February	11	(s)	41	10	5	(s)	(s)	1	2	(s)	9	28	41	121
March	11	(s)	42	9	5	(s)	1	1	6	(s)	8	30	39	122
April	10	(s)	39	8	4	(s)	1	1	6	(s)	9	29	37	115
May	11	(s)	39	6	3	(s)	1	1	6	(s)	11	29	42	121
June	11	(s)	37	7	4	(s)	(s)	1	6	(s)	10	30	47	124
July	11	(s)	38	7	4	(s)	1	2	6	(s)	11	30	48	127
August	11	(s)	39	6	4	(s)	(s)	2	7	(s)	9	28	47	125
September	10	(s)	37	8	4	(s)	(s)	1	4	(s)	8	26	43	117
October	11	(s)	39	6	5	(s)	1	1	5	(s)	7	24	40	114
November	10	(s)	40	4	4	(s)	(s)	1	5	(s)	9	24	38	112
December	10	(s)	42	5	5	(s)	(s)	1	4	(s)	10	27	36	115
Total	129	-2	478	85	53	(s)	6	17	65	2	109	337	502	1,444
2016 January	10	(s)	45	8	6	(s)	(s)	1	6	(s)	9	R 31	38	R 123
February	10	(s)	41	8	5	(s)	(s)	1	5	(s)	12	R 32	33	R 116
March	10	(s)	42	R 9	4	(s)	1	1	6	(s)	9	R 30	31	R 113
April	9	(s)	39	R 6	4	(s)	(s)	1	4	(s)	10	R 26	32	R 107
May	9	(s)	39	6	4	(s)	(s)	1	4	(s)	9	R 24	36	R 109
June	9	(s)	38	R 7	3	(s)	1	1	3	(s)	9	R 25	42	R 114
July	9	(s)	39	4	4	(s)	(s)	2	5	(s)	9	R 24	46	R 118
August	9	(s)	40	7	4	(s)	(s)	2	7	(s)	11	R 31	46	R 125
September	9	(s)	38	7	4	(s)	(s)	1	4	(s)	10	27	40	114
October	9	(s)	39	R 7	4	(s)	(s)	1	5	(s)	10	29	38	R 116
November	9	(s)	41	R 7	4	(s)	(s)	1	8	(s)	9	R 30	35	R 115
December	10	(s)	45	7	5	(s)	(s)	1	6	(s)	10	R 31	39	R 124
Total	113	-2	487	83	50	(s)	R 6	17	R 64	2	R 116	R 339	459	R 1,396
2017 January	9	(s)	45	7	6	(s)	(s)	1	7	(s)	9	31	37	122
February	9	(s)	40	7	4	(s)	(s)	1	4	(s)	8	25	32	106
March	9	(s)	43	10	5	(s)	(s)	1	2	(s)	11	30	34	116
April	8	(s)	39	6	4	(s)	(s)	1	5	(s)	11	R 28	33	109
May	8	(s)	40	8	4	(s)	(s)	2	5	(s)	10	29	37	114
June	9	(s)	39	7	3	(s)	(s)	1	4	(s)	10	26	40	113
6-Month Total	53	-1	245	44	26	(s)	2	9	27	1	59	169	213	680
2016 6-Month Total	57	(s)	244	43	26	(s)	3	9	29	1	58	168	214	682
2015 6-Month Total	66	-1	242	49	27	(s)	3	8	34	1	55	177	248	732

^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 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 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.

This table has been modified. The column for "HGL" has replaced that for "LPG." Data for natural gasoline (pentanes plus) have been moved from "Other" to "HGL."